

E ■ NOISE

APPENDIX X

14 CFR
PART 150
UPDATE



HMMH

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TECHNICAL MEMORANDUM

To: Sjohnna Knack
Airport Planning & Environmental Affairs (Aircraft Noise)
San Diego International Airport

From: Scott A. McIntosh
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Date: September 15, 2020

Subject: San Diego International Airport –Aircraft Noise Modeling Approach and Input Assumptions

Reference: HMMH Project Number 310560.000

1. BACKGROUND

HMMH assisted CDM Smith and the San Diego County Regional Airport Authority in the preparation of aircraft noise analyses for the Environmental Assessment (EA) for the San Diego International Airport (SAN) Airport Development Plan (ADP).

This technical memorandum describes the aircraft noise modeling approach and input assumptions used for the SAN ADP EA aircraft noise analyses for one one (1) existing conditions year and one (1) forecast year. Therefore, the resulting contours and analyses represented years 2018 and 2026.

The subsequent sections address the FAA’s Aviation Environmental Design Tool (AEDT)¹, Version 2d, inputs developed under the following categories:

- Physical description of the airport layout
- Aircraft operations
- Aircraft noise and performance characteristics
- Runway utilization
- Flight track geometry and use
- Meteorological conditions
- Terrain data

2. PHYSICAL DESCRIPTION OF THE AIRPORT LAYOUT

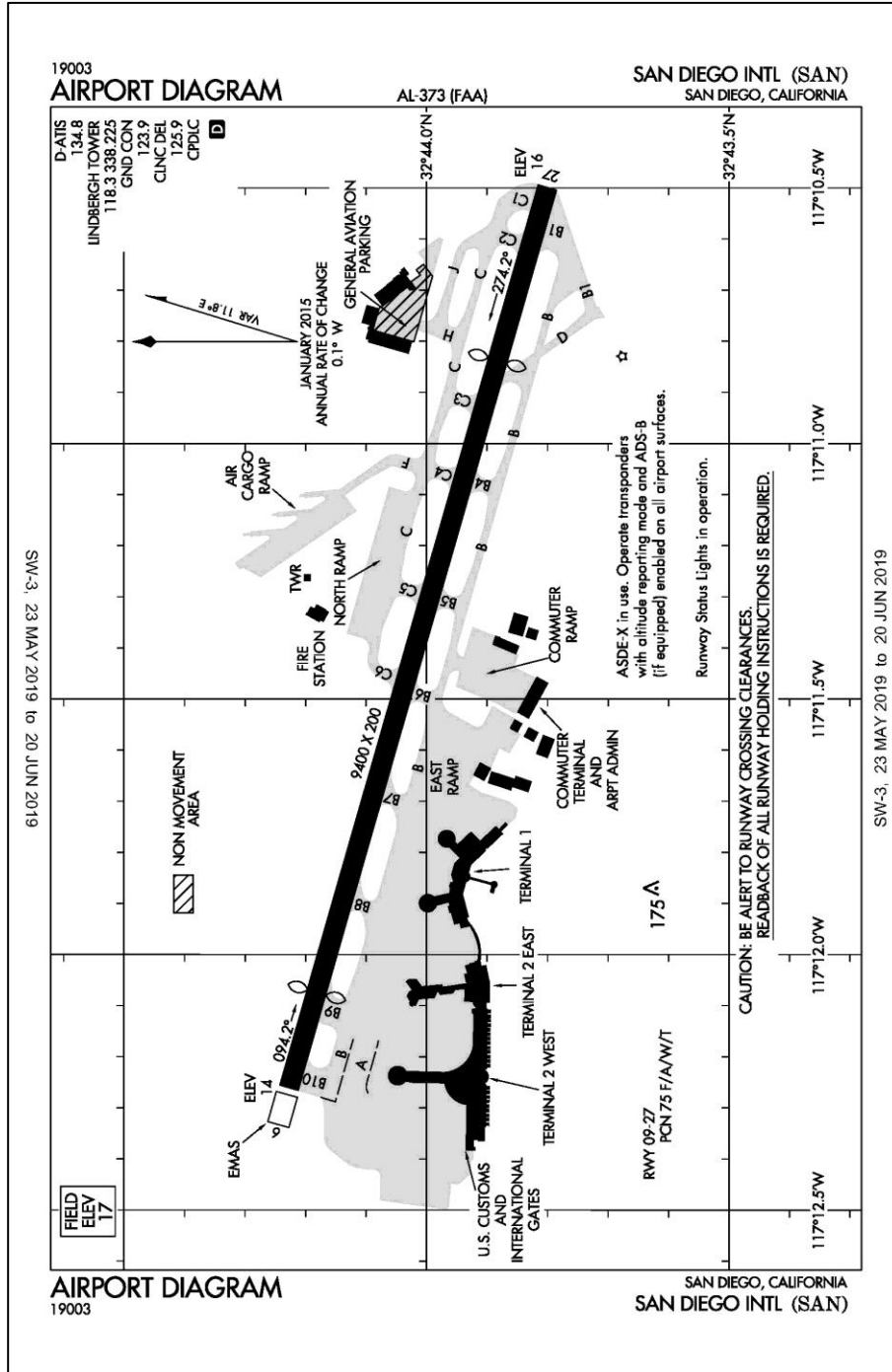
SAN is located within San Diego County and the City of San Diego approximately 1.5 miles south of the intersection of interstate highways 5 and 8. SAN has one runway: 09/27. Figure 1 shows the Airport Diagram and Table 1 provides the runway specifications required for aircraft noise modeling.

Each end of the runways is designated by a number that, with the addition of a trailing “0”, reflects the magnetic heading of the runway to the nearest 10 degrees, as seen by the pilot. The runway is oriented on approximate magnetic headings of 90° and 270° and is 9,400 feet long by 200 feet wide.

¹ <https://aedt.faa.gov/>

Figure 1. Existing Airport Diagram

Source: FAA, Effective, 23 May 2019 to 20 June 2019



SW-3, 23 MAY 2019 to 20 JUN 2019

SW-3, 23 MAY 2019 to 20 JUN 2019

Table 1. Runway Data

Runway/ Helipad	Latitude	Longitude	Elevation (ft. MSL)	Length (ft.)	Approach Angle (degrees)	Displaced Arrival Thresholds (ft)
09	32.737123	-117.204357	13.7	9,400	3.0	1,000
27	32.730002	-117.174973	16.4	9,400	3.5	1,810
H1	32.732789	-117.182452	14.0	N/A		

Source: AEDT Version 2d

3. AIRCRAFT OPERATIONS

Title 14 of the Code of Federal Regulations Part 150 (14 CFR Part 150) and its table of noise/land use compatibility guidelines require the calculation of “yearly Day-Night Average Sound Level (DNL)” values. In California, the Community Noise Equivalent Level, or CNEL, is the recognized noise metric and is allowed by the FAA to replace DNL for the purposes of airport planning. The daily noise exposure (in CNEL) is averaged over a year and is typically a calendar year. AEDT produces these values of exposure utilizing an “average annual day” (AAD) of airport operations.



HMMH analyzed 2018 aircraft operations and fleet mix data prepared by Leigh Fisher that was based on 2018 SAN Aircraft Noise and Operations Management System (ANOMS) data to develop the average annual day’s operations. HMMH also analyzed 2026 aircraft operations and fleet mix data prepared by KB Environmental Sciences, Inc. (KBE) that was based on Leigh Fisher AAD data to develop the AAD’s operations for all modeling scenarios. Table 2 shows the forecasted SAN aircraft operations for both analysis years.

It is important to note that run-up operations will be omitted from the aircraft noise analyses due to negligible contributions.

Table 2. Forecast of Aircraft Operations – 2018 and 2026

Scenario	Aircraft Category	2018 Operations	2026 Operations
No Action	Commercial/Cargo	212,430	247,105
	Air Taxi/Charter	365	730
	General Aviation	11,680	9,855
	Military	730	730
	Helicopter	365	365
Total		225,570	258,785
Proposed Project	Commercial/Cargo	-	247,105
	Air Taxi/Charter	-	730
	General Aviation	-	9,855
	Military	-	730
	Helicopter	-	365
Total		-	258,785

Source: 2018 Aircraft Operations and Fleet Mix Data Prepared by Leigh Fisher Based on 2018 SAN ANOMS Data; 2026 Aircraft Operations and Fleet Mix Data Prepared by KBE Based on Leigh Fisher AAD Data.

The aircraft operations format for entering data into AEDT includes day, evening, and night arrivals, departures, and pattern/touch-and-go operations (as appropriate) expressed in terms of an AAD. The AAD day operations are determined by dividing the annual operations by 365 days. Table 3 and 4 list the AAD operations by aircraft type, operation mode, and time of day for 2018 and 2026, respectively.



Table 3. Modeled Average Daily Aircraft Operations for 2018

Aircraft Type	Arrivals			Departures			Total
	Day	Evening	Night	Day	Evening	Night	
717200	0.9992	0.4565	0.7320	1.4557	0.7265	0.0000	4.3699
737300	0.0167	0.0028	0.0028	0.0195	0.0056	0.0000	0.0473
737400	0.0501	0.0306	0.0000	0.0223	0.0612	0.0028	0.1670
737500	0.0028	0.0000	0.0000	0.0028	0.0000	0.0000	0.0056
737700	58.9495	14.0116	8.6925	65.9080	14.3234	1.2108	163.0958
737800	49.4665	17.7859	14.2148	61.5771	14.0812	5.5278	162.6533
747400	0.3841	0.0167	0.0000	0.0000	0.3841	0.0195	0.8044
757300	0.7766	0.1169	0.0362	0.5817	0.1447	0.1921	1.8482
767300	1.7396	0.2310	1.8231	1.2024	2.1989	0.3925	7.5875
777200	0.0334	0.0000	0.0000	0.0000	0.0306	0.0028	0.0668
777300	0.0000	0.0000	0.0000	0.0028	0.0000	0.0000	0.0028
1900D	0.0056	0.0028	0.0000	0.0056	0.0028	0.0000	0.0167
7378MAX	0.7654	0.2171	0.1169	0.9324	0.1475	0.0139	2.1933
757PW	3.0339	0.7766	1.3499	3.9079	1.0271	0.2199	10.3153
767CF6	0.6096	0.0000	0.1113	0.6652	0.0529	0.0000	1.4390
7773ER	0.4509	0.1225	0.0000	0.0056	0.5483	0.0195	1.1468
7878R	1.0104	0.0000	0.0028	1.0159	0.0000	0.0000	2.0291
A109	0.0251	0.0000	0.0028	0.0167	0.0111	0.0000	0.0557
A310-304	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000	0.0056
A319-131	4.9878	0.5817	1.0577	5.5640	1.0521	0.0056	13.2490
A320-211	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
A320-232	13.0486	5.1604	1.8259	14.9357	4.1389	0.8740	39.9835
A321-232	19.7788	6.0511	4.0610	22.0055	5.5501	2.3102	59.7567
A330-301	0.0084	0.1503	0.8656	1.0159	0.0028	0.0000	2.0430
A330-343	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
A340-211	0.6569	0.0167	0.0000	0.5539	0.1030	0.0167	1.3472
B206L	0.0084	0.0000	0.0000	0.0139	0.0000	0.0000	0.0223
BD-700-1A10	0.3201	0.0724	0.0557	0.3758	0.0696	0.0084	0.9018
BD-700-1A11	0.1392	0.0167	0.0084	0.1531	0.0084	0.0000	0.3257
BEC58P	0.2589	0.0028	0.0028	0.2366	0.0167	0.0000	0.5177
CIT3	0.1336	0.0084	0.0000	0.1280	0.0139	0.0000	0.2839
CL600	3.4653	0.5177	0.0668	3.7632	0.3117	0.0139	8.1386
CL601	0.8016	0.0974	0.0306	0.8656	0.0557	0.0139	1.8649
CNA172	0.2032	0.0334	0.0056	0.2255	0.0445	0.0000	0.5121
CNA182	0.1058	0.0139	0.0000	0.1197	0.0139	0.0000	0.2533
CNA206	0.0668	0.0000	0.0000	0.0696	0.0000	0.0000	0.1364
CNA208	2.7222	0.0251	0.0278	2.3826	0.4259	0.0000	5.5835
CNA20T	0.0445	0.0028	0.0000	0.0473	0.0000	0.0000	0.0946

CNA441	0.0473	0.0000	0.0000	0.0418	0.0000	0.0000	0.0891
CNA500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CNA510	0.7014	0.0891	0.0362	0.7237	0.1030	0.0028	1.6561
CNA525C	0.9241	0.0585	0.0473	0.9380	0.0946	0.0084	2.0708
CNA55B	1.2330	0.1364	0.0445	1.3444	0.0807	0.0028	2.8418
CNA560U	0.3563	0.0167	0.0306	0.3563	0.0501	0.0056	0.8155
CNA560XL	1.5420	0.1447	0.0334	1.6366	0.0807	0.0056	3.4431
CNA680	1.0187	0.0612	0.0223	1.0382	0.0724	0.0139	2.2267
CNA750	2.8224	0.3368	0.1141	3.0172	0.2310	0.0557	6.5772
COMSEP	0.3284	0.0585	0.0056	0.3674	0.0306	0.0000	0.7905
CRJ9-ER	4.7346	1.2136	1.5531	6.3155	1.1579	0.0167	14.9914
DC1030	0.2895	0.0139	0.0028	0.0111	0.2589	0.0390	0.6151
DC3	0.0000	0.0000	0.0000	0.0028	0.0000	0.0000	0.0028
DC870	0.0084	0.0028	0.0056	0.0139	0.0028	0.0000	0.0334
DHC6	2.2991	0.1086	0.0195	2.2657	0.3507	0.0028	5.0463
DHC8	0.0028	0.0000	0.0000	0.0028	0.0000	0.0000	0.0056
DHC830	0.9491	0.0418	0.0000	0.6096	0.3841	0.0028	1.9873
DO328	0.0056	0.0000	0.0000	0.0056	0.0000	0.0000	0.0111
ECLIPSE500	0.0473	0.0056	0.0000	0.0529	0.0028	0.0000	0.1086
EMB145	0.0668	0.0084	0.0056	0.0640	0.0111	0.0028	0.1587
EMB175	25.3400	5.5111	3.2761	29.2423	4.7763	0.0919	68.2377
EMB190	0.0334	0.0056	0.0000	0.0334	0.0056	0.0000	0.0779
GASEPF	0.0362	0.0028	0.0028	0.0779	0.0028	0.0000	0.1225
GASEPV	0.4620	0.0557	0.0167	0.4843	0.0696	0.0028	1.0911
GIIB	0.0056	0.0000	0.0028	0.0056	0.0028	0.0000	0.0167
GIV	1.0020	0.1364	0.0585	1.0772	0.1141	0.0056	2.3937
GV	0.7599	0.1113	0.0334	0.7738	0.1113	0.0278	1.8176
H500D	0.0084	0.0000	0.0000	0.0223	0.0000	0.0000	0.0306
IA1125	0.3340	0.0251	0.0139	0.3451	0.0278	0.0056	0.7515
LEAR25	0.0084	0.0000	0.0000	0.0056	0.0056	0.0000	0.0195
LEAR35	2.0959	0.1837	0.1169	2.2044	0.2115	0.0111	4.8236
MD11PW	0.0111	0.0028	0.0028	0.0028	0.0111	0.0028	0.0334
MD83	0.0418	0.0000	0.0000	0.0418	0.0000	0.0000	0.0835
MD9025	0.3563	0.0111	0.0000	0.3368	0.0306	0.0028	0.7376
MU3001	0.5288	0.0390	0.0167	0.5455	0.0445	0.0000	1.1746
PA28	0.0612	0.0000	0.0000	0.0390	0.0056	0.0000	0.1058
R44	0.0278	0.0056	0.0000	0.0418	0.0000	0.0000	0.0752
S76	0.0000	0.0000	0.0000	0.0028	0.0000	0.0000	0.0028
SA341G	0.0028	0.0028	0.0000	0.0000	0.0028	0.0000	0.0084
SA350D	0.0111	0.0028	0.0056	0.0306	0.0056	0.0000	0.0557
SA355F	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000	0.0056



T41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	213.5727	54.9136	40.5596	243.9089	53.8921	11.1531	618.0000



Table 4. Modeled Average Daily Aircraft Operations for 2026

Aircraft Type	Arrivals			Departures			Total
	Day	Evening	Night	Day	Evening	Night	
CL600	3.6923	0.0000	0.0000	3.6923	0.0000	0.0000	7.3846
CNA500	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	2.0000
CNA510	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CNA560XL	1.2308	0.0000	0.0000	1.2308	0.0000	0.0000	2.4615
CNA750	2.0000	0.0000	0.0000	2.0000	0.0000	0.0000	4.0000
DHC6	4.0000	0.0000	1.0000	4.0000	1.0000	1.0000	11.0000
GIV	1.8462	0.0000	0.0000	1.8462	0.0000	0.0000	3.6923
GV	2.2308	0.0000	0.0000	2.2308	0.0000	0.0000	4.4615
LEAR35	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	2.0000
717200	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	2.0000
737300	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
737700	124.7922	35.6634	34.6040	67.0000	17.0000	15.0000	294.0596
737800	1.2078	0.3366	0.3960	70.0000	12.0000	16.0000	99.9404
767300	1.0000	0.0000	4.0000	0.0000	2.0000	3.0000	10.0000
777300	0.0198	0.0000	0.0000	1.0000	0.0000	0.0000	1.0198
7378MAX	1.0000	0.0000	1.0000	2.0000	0.0000	0.0000	4.0000
757PW	2.0000	2.0000	1.0000	2.0000	1.0000	2.0000	10.0000
7773ER	0.9802	0.0000	0.0000	0.0000	0.0000	0.0000	0.9802
7878R	3.0000	0.0000	0.0000	2.0000	1.0000	0.0000	6.0000
A319-131	4.0000	0.0000	1.0000	4.0000	0.0000	1.0000	10.0000
A320-211	3.0000	3.0000	0.0000	3.0000	3.0000	0.0000	12.0000
A320-232	23.0000	8.0000	3.0000	24.0000	4.0000	6.0000	68.0000
A321-232	35.0000	8.0000	9.0000	39.0000	4.0000	9.0000	104.0000
A330-343	0.0000	0.0000	1.0000	1.0000	0.0000	0.0000	2.0000
A340-211	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	2.0000
EMB175	13.0000	6.0000	1.0000	16.0000	3.0000	1.0000	40.0000
EMB190	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CRJ9-ER	2.0000	0.0000	0.0000	1.0000	0.0000	0.0000	3.0000
CNA208	1.0000	0.0000	0.0000	1.0000	0.0000	0.0000	2.0000
CNA172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
T41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
R44	0.5000	0.0000	0.0000	0.5000	0.0000	0.0000	1.0000
Total	234.5000	63.0000	57.0000	252.5000	48.0000	54.0000	709.0000

4. AIRCRAFT NOISE AND PERFORMANCE CHARACTERISTICS

Specific noise and performance data must be entered into AEDT for each aircraft type operating at SAN. Noise data are included in the form of Sound Exposure Level (SEL) at a range of distances (from 200 feet to 25,000 feet) from a particular aircraft with engines at a specific thrust level. Performance data include thrust, speed, and altitude profiles for takeoff and landing operations. The AEDT database contains standard noise and performance data for over 300 different fixed-wing aircraft types, most of which are civilian aircraft. AEDT automatically accesses the noise and performance data for takeoff and landing operations by those aircraft.

Within the AEDT database, aircraft takeoff or departure profiles are usually defined by a range of trip distances identified as “stage lengths.” A longer trip distance or higher stagelength is associated with a heavier aircraft due to the increase in fuel requirements for the flight. Stagelength determinations were obtained from gated schedules derived from data analyzed by Leigh Fisher and KBE. Tables 5 and 6 provide the stagelength use percentages for both takeoffs and landings by aircraft for 2018 and 2026, respectively.

Besides identifying the aircraft type in the database, AEDT has standard and International Civil Aviation Organization (ICAO) aircraft flight profiles for takeoffs, landings, and flight patterns or touch-and-go operations. HMMH will use these standard profiles for all aircraft types for landings to Runway 09 and takeoffs from Runways 09 and 27. For landings to Runway 27, and as recommended by the FAA, HMMH created custom profiles for every aircraft type to more accurately account for the 3.5 degree approach to Runway 27.

Table 5. Stagelength Usage by Aircraft Type for 2018

Aircraft Type	Day									Evening									Night					Total
	1	2	3	4	5	6	7	8	7+	1	2	3	4	5	6	7	8	7+	1	2	3	4	5	
717200	24%	32%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	16%	0%	0%	0%	17%	0%	0%	0%	0%	100%
737300	59%	6%	6%	6%	0%	0%	0%	0%	0%	18%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	100%
737400	38%	3%	2%	0%	0%	0%	0%	0%	0%	53%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	2%	0%	0%	100%
737500	50%	0%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
737700	59%	6%	6%	2%	0%	3%	0%	0%	0%	12%	1%	0%	0%	0%	4%	0%	0%	0%	6%	0%	0%	0%	0%	100%
737800	38%	9%	11%	9%	0%	2%	0%	0%	0%	13%	1%	0%	0%	0%	5%	0%	0%	0%	10%	1%	2%	0%	0%	100%
747400	48%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	20%	28%	0%	0%	0%	0%	2%	0%	0%	1%	100%
757300	42%	0%	0%	31%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	8%	0%	0%	0%	2%	0%	10%	0%	0%	100%
767300	23%	0%	8%	8%	0%	0%	0%	0%	0%	3%	4%	10%	8%	0%	0%	6%	0%	0%	24%	1%	4%	0%	0%	100%
772200	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	12%	33%	0%	0%	0%	0%	0%	0%	0%	0%	4%	100%
777300	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
1900D	67%	0%	0%	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
7378MAX	46%	4%	14%	8%	0%	0%	0%	0%	4%	11%	1%	0%	0%	0%	2%	0%	0%	2%	5%	1%	0%	0%	0%	100%
757PW	39%	2%	1%	22%	0%	0%	4%	0%	0%	11%	0%	2%	0%	0%	0%	4%	0%	0%	13%	0%	2%	0%	0%	100%
767CF6	85%	0%	0%	1%	0%	0%	3%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	100%
7773ER	39%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	0%	27%	21%	0%	0%	0%	0%	1%	0%	0%	1%	100%
7878R	50%	0%	0%	0%	0%	25%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
A109	75%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	100%
A310-304	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
A319-131	53%	10%	11%	4%	1%	0%	0%	0%	0%	7%	0%	0%	0%	5%	0%	0%	0%	0%	8%	0%	0%	0%	0%	100%
A320-232	48%	10%	8%	2%	2%	0%	0%	0%	0%	16%	0%	2%	2%	3%	0%	0%	0%	0%	5%	1%	1%	0%	0%	100%
A321-232	35%	2%	15%	18%	1%	0%	0%	0%	0%	11%	0%	2%	2%	5%	0%	0%	0%	0%	7%	1%	3%	0%	0%	100%
A330-301	0%	0%	0%	50%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	42%	0%	0%	0%	0%	100%
A340-211	49%	0%	0%	0%	0%	26%	15%	0%	0%	1%	0%	0%	0%	5%	3%	0%	0%	0%	0%	0%	0%	0%	1%	100%
B206L	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
BD-700-1A10	59%	3%	7%	6%	0%	1%	0%	2%	0%	10%	1%	1%	0%	1%	1%	0%	2%	0%	6%	0%	0%	0%	0%	100%

BD-700-1A11	69%	2%	5%	9%	1%	0%	3%	0%	0%	7%	0%	0%	0%	0%	1%	0%	0%	0%	3%	0%	0%	0%	100%
BEC58P	96%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	100%
CIT3	92%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CL600	89%	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	100%
CL601	89%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	100%
CNA172	84%	0%	0%	0%	0%	0%	0%	0%	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	100%
CNA182	89%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CNA206	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CNA208	91%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CNA20T	97%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CNA441	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
CNA510	86%	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	100%
CNA525C	90%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	100%
CNA55B	91%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	100%
CNA560U	87%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	100%
CNA560XL	92%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	100%
CNA680	92%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	100%
CNA750	89%	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	100%
COMSEP	88%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	100%
CRJ9-ER	55%	0%	16%	0%	3%	0%	0%	0%	0%	13%	0%	0%	0%	3%	0%	0%	0%	0%	10%	0%	0%	0%	100%
DC1030	47%	0%	2%	0%	0%	0%	0%	0%	0%	3%	8%	31%	0%	0%	0%	2%	0%	0%	0%	6%	0%	0%	100%
DC3	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
DC870	58%	8%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	8%	0%	0%	0%	17%	0%	0%	0%	100%
DHC6	90%	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
DHC8	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
DHC830	78%	0%	0%	0%	0%	0%	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
DO328	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
ECLIPSE500	82%	8%	3%	0%	0%	0%	0%	0%	0%	5%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
EMB145	63%	9%	4%	7%	0%	0%	0%	0%	0%	7%	0%	2%	4%	0%	0%	0%	0%	0%	5%	0%	0%	0%	100%
EMB175	61%	8%	11%	0%	0%	0%	0%	0%	0%	10%	0%	5%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	100%



EMB190	86%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
GASEPF	93%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	100%
GASEPV	87%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	100%
GIB	67%	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	0%	0%	0%	0%	0%	0%	17%	0%	0%	0%	0%	100%
GIV	87%	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	100%
GV	84%	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	100%
H500D	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
IA1125	90%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	100%
LEAR25	71%	0%	0%	0%	0%	0%	0%	0%	0%	29%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
LEAR35	89%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	100%
MD11PW	42%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	33%	0%	0%	0%	0%	0%	8%	8%	0%	0%	0%	100%
MD83	50%	43%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
MD9025	48%	45%	1%	0%	0%	0%	0%	0%	0%	2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
MU3001	91%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	100%
PA28	95%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
R44	93%	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
S76	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
SA341G	33%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
SA350D	75%	0%	0%	0%	0%	0%	0%	0%	0%	15%	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	100%
SA355F	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%



5. RUNWAY UTILIZATION

The primary factor affecting runway use at airports is weather, in particular, the wind direction and wind speed. Additional factors that may affect runway use include the position of the facility or ramp relative to the runways or operational proficiency training for military units. There are no anticipated changes to the runway utilization expected between scenarios.

Based on interviews with airport operators and FAA Airport Traffic Control Tower (ATCT) personnel, the overall runway usage for this modeling will remain the same between years, employing 98.02% of operations on Runway 27 and the remaining 1.98% on Runway 09.

6. FLIGHT TRACK GEOMETRY AND USE

Model tracks were developed using a standard method, which entailed analyzing all radar data from SAN's ANOMS and splitting the flight tracks into similar and manageable groups. This was first done by separating tracks by phase of flight (e.g., arrival or departure) and then by runway. Following this, the flights were separated by destination direction, such as north, south, or west. Finally, at this point, radar flight tracks were analyzed and split into groups according to their degree of similar geometry.

Model tracks were developed for each geometrically similar group. For example, Runway 27 Departures with a northerly destination were split into a geometrically similar group, and a 'backbone' track was developed. Each of these backbone tracks were then assigned one or two 'dispersion' sub tracks on either side of the backbone, for a total of three or five tracks (one backbone and two or four dispersion) for each geometrically similar group.

The nighttime noise abatement condition that exists at SAN was taken into consideration by modeling eastbound traffic issued a 290-degree heading and northbound traffic on the PADRZ Standard Instrument Departure (SID) as separate tracks to account for slight differences in these paths between 10 p.m. and 6:30 a.m.

Tables 7 and 8 presents the utilization rates for each group of the developed model tracks for 2018 and 2026, respectively. Default INM dispersion percentages were used to assign utilization of the backbone and subtracks within a given track group.

Table 7. Flight Track Utilization for 2018

Runway	Arrivals				Departures			
	Track Bundle	Day	Evening	Night	Track Bundle	Day	Evening	Night
9	A09JE01	1.27%	2.16%	7.73%	D09JE01	16.38%	13.04%	19.64%
	A09JE02	1.27%	0.00%	3.70%	D09JE02	30.74%	25.00%	51.79%
	A09JE03	57.42%	55.26%	49.73%	D09JS01	2.61%	0.36%	0.00%
	A09JE04	1.62%	1.08%	0.67%	D09JW01	47.41%	61.59%	28.57%
	A09JN01	0.69%	0.54%	0.00%	D09PW01	2.86%	0.00%	0.00%
	A09JS01	1.39%	0.54%	0.34%				
	A09JW01	32.76%	40.43%	37.64%				
	A09PE03	3.56%	0.00%	0.00%				
	A09PW01	0.00%	0.00%	0.20%				
	Total	100.00%	100.00%	100.00%	Total	100.00%	100.00%	100.00%
27	A27JE01	28.86%	30.59%	27.74%	D27JE01	0.02%	0.34%	25.74%
	A27JE02	25.93%	25.07%	28.08%	D27JE02	2.39%	1.20%	3.95%
	A27JE03	0.54%	0.14%	0.12%	D27JE03	47.78%	38.08%	29.24%
	A27JN01	0.13%	0.02%	0.01%	D27JE04	0.11%	0.08%	0.92%
	A27JN02	0.00%	0.07%	0.01%	D27JE05	0.00%	0.01%	0.26%
	A27JN03	0.06%	0.01%	0.01%	D27JN01	0.08%	0.06%	0.09%
	A27JS01	1.58%	0.31%	0.03%	D27JS01	1.92%	0.08%	0.05%
	A27JW01	39.32%	43.03%	43.41%	D27JW01	44.06%	56.88%	38.02%
	A27JW02	0.01%	0.10%	0.28%	D27JW02	0.23%	0.10%	1.39%
	A27JW03	0.00%	0.01%	0.13%	D27JW03	0.14%	0.00%	0.10%
	A27PE01	0.34%	0.05%	0.04%	D27JW04	0.40%	0.67%	0.17%
	A27PE02	0.65%	0.12%	0.05%	D27PE01	0.05%	0.00%	0.00%
	A27PE03	0.01%	0.01%	0.00%	D27PE02	0.04%	0.00%	0.00%
	A27PN01	0.21%	0.03%	0.00%	D27PE03	0.36%	0.07%	0.01%
	A27PN02	0.05%	0.02%	0.00%	D27PE04	0.14%	0.00%	0.00%
	A27PN03	0.29%	0.02%	0.00%	D27PE05	0.04%	0.03%	0.00%
	A27PS01	0.02%	0.00%	0.00%	D27PE06	0.09%	0.00%	0.00%
	A27PW01	1.27%	0.22%	0.11%	D27PE07	0.05%	0.03%	0.00%
	A27PW02	0.73%	0.16%	0.00%	D27PN01	0.17%	0.10%	0.01%
					D27PS01	0.03%	0.00%	0.00%
				D27PW02	1.63%	2.03%	0.05%	
				D27PW03	0.26%	0.23%	0.01%	
Total	100.00%	100.00%	100.00%	Total	100.00%	100.00%	100.00%	
H1	AH1HL01	45.16%	81.82%	0.00%	DH1HL01	44.58%	0.00%	0.00%
	AH1HW01	37.90%	13.64%	0.00%	DH1HN01	25.30%	60.00%	0.00%
	AH1HW02	16.94%	4.55%	100.00%	DH1HW01	8.43%	40.00%	0.00%
					DH1HW02	21.69%	0.00%	0.00%
	Total	100.00%	100.00%	100.00%	Total	100.00%	100.00%	0.00%



Table 8. Flight Track Utilization for 2026

Runway	Arrivals				Departures			
	Track Bundle	Day	Evening	Night	Track Bundle	Day	Evening	Night
9	A09JE01	1.29%	2.16%	7.61%	D09JE01	16.53%	12.77%	19.28%
	A09JE02	1.29%	0.00%	3.64%	D09JE02	31.01%	24.48%	50.83%
	A09JE03	58.27%	55.26%	48.96%	D09JS01	2.63%	0.35%	0.00%
	A09JE04	1.64%	1.08%	0.66%	D09JW01	47.84%	60.31%	28.04%
	A09JN01	0.70%	0.54%	0.00%	D09PW01	1.98%	2.08%	1.85%
	A09JS01	1.41%	0.54%	0.33%				
	A09JW01	33.25%	40.43%	37.05%				
	A09PE03	2.14%	0.00%	0.00%				
	A09PW01	0.00%	0.00%	1.75%				
	Total	100.00%	100.00%	100.00%	Total	100.00%	100.00%	100.00%
27	A27JE01	29.29%	30.79%	27.30%	D27JE01	0.02%	0.34%	25.28%
	A27JE02	26.31%	25.23%	27.64%	D27JE02	2.41%	1.20%	3.88%
	A27JE03	0.55%	0.14%	0.12%	D27JE03	48.21%	38.24%	28.72%
	A27JN01	0.13%	0.02%	0.01%	D27JE04	0.11%	0.08%	0.90%
	A27JN02	0.00%	0.08%	0.01%	D27JE05	0.00%	0.01%	0.25%
	A27JN03	0.06%	0.01%	0.01%	D27JN01	0.08%	0.06%	0.08%
	A27JS01	1.60%	0.32%	0.03%	D27JS01	1.94%	0.08%	0.05%
	A27JW01	39.90%	43.31%	42.73%	D27JW01	44.46%	57.12%	37.34%
	A27JW02	0.02%	0.10%	0.27%	D27JW02	0.23%	0.10%	1.36%
	A27JW03	0.00%	0.01%	0.13%	D27JW03	0.14%	0.00%	0.10%
	A27PE01	0.20%	0.00%	0.32%	D27JW04	0.41%	0.68%	0.17%
	A27PE02	0.39%	0.00%	0.48%	D27PE01	0.03%	0.00%	0.05%
	A27PE03	0.005%	0.00%	0.00%	D27PE02	0.03%	0.00%	0.00%
	A27PN01	0.13%	0.00%	0.00%	D27PE03	0.25%	0.06%	0.14%
	A27PN02	0.03%	0.00%	0.00%	D27PE04	0.09%	0.00%	0.00%
	A27PN03	0.17%	0.00%	0.00%	D27PE05	0.03%	0.03%	0.00%
	A27PS01	0.01%	0.00%	0.00%	D27PE06	0.06%	0.00%	0.00%
	A27PW01	0.76%	0.00%	0.96%	D27PE07	0.04%	0.03%	0.00%
	A27PW02	0.44%	0.00%	0.00%	D27PN01	0.12%	0.08%	0.19%
					D27PS01	0.02%	0.00%	0.00%
				D27PW02	1.13%	1.69%	1.25%	
				D27PW03	0.18%	0.19%	0.23%	
Total	100.00%	100.00%	100.00%	Total	100.00%	100.00%	100.00%	
H1	AH1HL01	45.16%	0.00%	0.00%	DH1HL01	44.58%	0.00%	0.00%
	AH1HW01	37.90%	0.00%	0.00%	DH1HN01	25.30%	0.00%	0.00%
	AH1HW02	16.94%	0.00%	0.00%	DH1HW01	8.43%	0.00%	0.00%
					DH1HW02	21.69%	0.00%	0.00%
	Total	100.00%	0.00%	0.00%	Total	100.00%	0.00%	0.00%



7. METEOROLOGICAL CONDITIONS

AEDT has several settings that affect aircraft performance profiles and sound propagation based on meteorological data. Meteorological settings include average annual temperature, barometric pressure, and relative humidity at the airport. AEDT holds the following values for annual average weather conditions at SAN:

- Temperature: 64° F
- Pressure: 1014.349976 millibars
- Sea-level Pressure: 1015.75 millibars
- Relative Humidity 73.1%
- Dew Point: 53.7200001° F
- Wind Speed: 5.57 Knots

8. TERRAIN DATA



Terrain data describes the elevation of the ground surrounding the airport and on airport property. If the AEDT user selects the use of terrain data, AEDT uses terrain data to adjust the ground level under the flight paths. The terrain data does not affect the aircraft's performance or noise levels, but does affect the vertical distance between the aircraft and a "receiver" on the ground. This, in turn, affects noise propagation assumptions about how noise propagates over ground. The terrain data were obtained from the United States Geological Survey (USGS) National Map Viewer and will be used with the terrain feature of the AEDT.

December 2019

San Diego International Airport

Title 14 Code of Federal Regulations Part 150 Study Update: AEDT User- Defined Profile Review and Approval Request

Prepared for:

San Diego County Regional Airport Authority

Prepared by:

RICONDO

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This submittal contains data and information describing the use and implementation of user-defined procedure profiles in the Federal Aviation Administration's (FAA's) Aviation Environmental Design Tool (AEDT) version 2d to account for the 3.5-degree final approach to Runway 27 at San Diego International Airport (SAN). AEDT is a comprehensive software tool that provides aircraft noise, fuel burn, and emissions information to FAA and its stakeholders. AEDT facilitates aircraft noise analysis required under Title 14 Code of Federal Regulations Part 150 (14 CFR Part 150). Based on the data and information contained in this report, use of the user-defined approach profiles will provide a more accurate assessment of noise levels caused by aircraft on final approach to Runway 27. Therefore, FAA is requested to review and approve the use of the user-defined profiles for purposes of the SAN 14 CFR Part 150 Study update.

1. BACKGROUND

The following sections summarize the noise analysis project and the purpose of the user-defined approach procedure profile request.

1.1 PROJECT BACKGROUND

The San Diego County Regional Airport Authority (the Authority) is conducting a 14 CFR Part 150 Noise Exposure Map (NEM) and Noise Compatibility Plan (NCP) study update for SAN. Due to obstruction clearance requirements, the final approach to Runway 27 requires a 3.5-degree glide slope on final approach starting at 4,000 feet (ft.) Mean Sea Level (MSL) approximately 13 nautical miles east of the extended centerline of Runway 27. **Exhibit 1-1** depicts the localizer approach to Runway 27 that notes the 3.5-degree glide slope starting at 4,000 ft. MSL at the VYDAA intersection. Over 90 percent of average annual day (AAD) arrivals land on Runway 27. Therefore, modeling Runway 27 arrivals on the 3.5-degree glide slope along the final approach is a critical element in modeling accurate noise exposure levels at or higher than Community Noise Equivalent Level (CNEL) 65 A-weighted decibels (dBA).

1.2 PURPOSE OF REQUEST

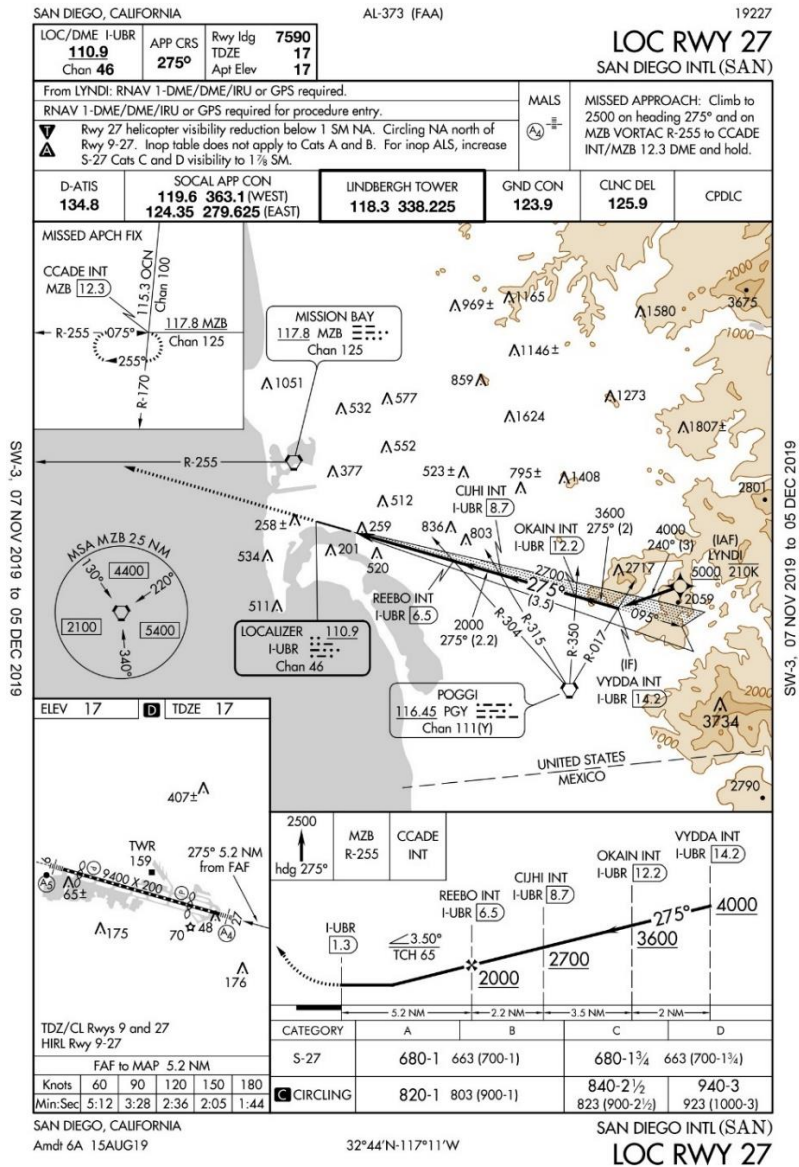
Use of non-default methods or data for 14 CFR Part 150 aircraft noise analysis requires written approval from the FAA. AEDT provides pre-packaged default profiles that are appropriate for most studies. In certain situations, user-defined profiles are created. The purpose of this request is to obtain approval from FAA to use user-defined approach altitude profiles to account for the 3.5-degree glide slope angle conducted by aircraft landing on Runway 27 at SAN.

This request follows the guidance that was put forth in the FAA document titled, "Guidance on Using the Aviation Environmental Design Tool (AEDT) to Conduct Environmental Modeling for FAA Actions Subject to NEPA" (Guidance on Using AEDT) dated on October 27, 2017.¹ Section 5.3.2 of the Guidance on Using AEDT outlines the information to include in the request package when requesting approval for a user-defined profile. The reason why user-defined profiles are requested is due to FAA Office of Environment and Energy's (FAA AEE) recommendation not to use the standard trajectory-driven flight performance model based on the altitude control method described in Section 3.7.1 of the AEDT 2.d Technical Manual in AEDT to account for the 3.5 degree approach to Runway 27. FAA AEE indicated possible thrust performance errors at lower altitudes. If the method was applied for purposes of this 14

¹ Federal Aviation Administration. Guidance on Using the Aviation Environmental Design Tool (AEDT) to Conduct Environmental Modeling for FAA Actions Subject to NEPA, Retrieved from https://aedt.faa.gov/2c_information.aspx on September 11, 2019.

CFR Part 150 Study update, FAA would require an in-depth review by the noise modeler and would need to provide supplemental information to FAA for review. If errors are identified, a user-defined altitude profile would be required. FAA recommended adjusting the standard approach altitude profiles for all aircraft to account for the 3.5-degree glide slope approach to Runway 27.²

EXHIBIT 1-1 RUNWAY 27 LOCALIZER APPROACH



SOURCE: Federal Aviation Administration, Aeronautical Information Services, December 2019.

² Based on webconference with FAA Western Pacific Airport District Office, FAA Office of Environment and Energy, FAA Airport Planning and Programming, San Diego County Regional Airport Authority, Mead & Hunt, Ricondo & Associates, Inc. and Harris Miller Miller and Hanson. July 17, 2019.

This request does not include information for the following items that are found in Section 5.3.2 because they are not applicable under the conditions of this request:

- **Analysis Demonstrating Change:** While the grid point locations or receptors spaced at 0.5 nautical miles under the final approach are evaluated, receptors representing noise sensitive facilities are not modeled. All of the arrivals at or below 4,000 ft. MSL are on the final approach path, which follows the extended centerline of Runway 27. Sound Exposure Levels³ (SEL) levels for the 0.5 nautical miles (NM) spaced grids under the final approach provide an adequate representation of noise levels for any noise sensitive facilities located along the final approach.
- **Concurrence of Aircraft Performance:** The request is not related to developing a custom performance for specific aircraft types.⁴
- **Performance Characteristics:** The request is not related to developing a custom performance climb or descent profile for specific aircraft types.

2. BENEFIT

AEDT standard approach profiles account for a 3.0-degree glide slope, which would place aircraft lower altitudes along the final approach compared to the 3.5-degree glide slope approach. The higher approach altitudes for the 3.5-degree approach compared to the 3.0-degree glide slope will produce lower noise exposure levels. Because over 90 percent of all landings at SAN take place on Runway 27, modeling the 3.5-degree glide slope will provide a more accurate assessment of AAD CNEL exposure. Without the altitude adjustment, modeled aircraft altitudes will be lower compared to actual conditions and result in higher CNEL levels.

3. USER-DEFINED PROFILE ANALYSIS

This section presents information and results of implementing the user-defined approach altitude profiles. Data associated with the user-defined profiles is contained in the AEDT Administration Files and are available upon request. (note: the AEDT 2d study input includes SAN airfield definition, AAD meteorological conditions at San Diego, terrain and a straight-in arrival noise model track representing the final approach to Runway 27). Section 3.1.1 describes the modifications made to the standard approach procedure profiles. Section 3.1.2 provides a brief discussion of the AEDT modeling methodology used to generate the results. Section 3.1.3 documents the SEL receptor comparative results between the standard and user-defined approach procedure profiles.

³ Sound Exposure Level (SEL) represents all the acoustic energy (a.k.a. sound pressure) of an individual noise event as if that event had occurred within a one-second time period. SEL captures both the level (magnitude) and the duration of a sound event in a single numerical quantity, by "compressing" all the noise energy from an event into one second. This provides a uniform way to make comparisons among noise events of various durations.

⁴ A comparative speed assessment between AEDT standard approach speed profiles and radar data samples was conducted, and determined speeds were not substantially different. Therefore, user-defined values for speed and flap settings were not necessary.

3.1 ANALYSIS DEMONSTRATING CHANGE

The following sections summarize the method applied to define the user-defined approach procedure profiles for Runway 27 final approaches and describe the noise level comparison methodology and results used to demonstrate the change in the standard approach procedure profiles provide the expected benefit described in Section 2.

3.1.1 IMPLEMENTATION OF PROPOSED USER-DEFINED ALTITUDE PROFILE

A user-defined approach procedure profile for Runway 27 will be applied for all 70 fixed-wing aircraft modeled for the SAN 14 CFR Part 150 Study update. Creating a user-defined procedure profile for all fixed-wing aircraft used for the SAN 14 CFR Part 150 Study update was done by copying the standard approach procedure profile where PROF_ID1 was equal to default, then adjusting the glide slope angle defined for the final approach segments of the approach procedure profile. In accordance with the Runway 27 localizer approach, the 3.5-degree glide slope descent began at 4,000 ft. Above Field Elevation (AFE) approximately 13 NM from the end of Runway 27.⁵ If a standard approach procedure profile included a level segment at 3,000 ft. AFE, the level segment altitude was changed to 4,000 ft. AFE and the standard descent performance values (i.e., speed, flap settings) after the 3,000 ft. AFE level segment were maintained after the user-defined 4,000 ft. AFE level segment. Except for the glide slope value and level segment altitudes, all other profile performance field data used to define a procedure profile remained equivalent to the standard procedure profile for the respective ANP_ACFT_ID. Because aircraft approach the runway at a higher altitude compared to the standard 3-degree glide path, aircraft are expected to reach 6,000 ft. AFE closer to the runway. Based on review of radar track data for 2018, the average cumulative distance from Runway 27 where aircraft reach 6,000 ft. AFE on average is like the user-defined approach attitude profile in AEDT as aircraft descend.

As an example, **Table 3-1** and **3-2** present the default AEDT approach procedural profile for the Boeing 737700 and the user-defined procedural profile (the differences between the tables have their cells shaded grey), respectively.

TABLE 3-1 STANDARD APPROACH PROCEDURE PROFILE FOR BOEING 737700

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737700	A	STANDARD	1	1	T_ZERO	D		6000	250	3
737700	A	STANDARD	1	2	T_5	D		3000	171	3
737700	A	STANDARD	1	3	A_15	D		1500	140	3
737700	A	STANDARD	1	4	A_40	D		1000	133	3
737700	A	STANDARD	1	5	A_40	L		304.7	0	0
737700	A	STANDARD	1	6	A_40	B	V	2741.9	116	40
737700	A	STANDARD	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

⁵ San Diego International Airport's elevation is 16.8 feet Mean Sea Level; therefore, Above Airfield Elevation and Mean Sea Level altitude levels were considered similar

TABLE 3-2 USER-DEFINED APPROACH PROCEDURE PROFILE FOR BOEING 737700

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737700	A	ARR_3.5	1	1	T_ZERO	D		6000	250	3.5
737700	A	ARR_3.5	1	2	T_5	D		3000	171	3.5
737700	A	ARR_3.5	1	3	A_15	D		1500	140	3.5
737700	A	ARR_3.5	1	4	A_40	D		1000	133	3.5
737700	A	ARR_3.5	1	5	A_40	L		304.7	0	0
737700	A	ARR_3.5	1	6	A_40	B	V	2741.9	116	40
737700	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

As an example of a standard profile with a level segment at 3,000 ft. AFE, **Table 3-3** and **3-4** present the default AEDT approach procedural profile for the Boeing 737700 and the user-defined procedural profile (the differences between the tables have their cells shaded grey), respectively.

TABLE 3-3 STANDARD APPROACH PROCEDURE PROFILE FOR AIRBUS 320-211

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A320-211	A	STANDARD	1	1	NULL	F	NULL	6000	250	3.5
A320-211	A	STANDARD	1	2	NULL	W	NULL	3000	250	16811
A320-211	A	STANDARD	1	3	NULL	W	NULL	3000	201.1	5547.9
A320-211	A	STANDARD	1	4	NULL	F	NULL	3000	182.2	3
A320-211	A	STANDARD	1	5	NULL	F	NULL	2614	173.7	3
A320-211	A	STANDARD	1	6	NULL	F	NULL	1942	141	3
A320-211	A	STANDARD	1	7	FULL_D	D	NULL	1823	132.6	3
A320-211	A	STANDARD	1	8	FULL_D	D	NULL	50	132.6	3
A320-211	A	STANDARD	1	9	FULL_D	L	NULL	303.5	0	0
A320-211	A	STANDARD	1	10	NULL	B	V	2731.6	129.6	40
A320-211	A	STANDARD	1	11	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE 3-4 USER-DEFINED APPROACH PROCEDURE PROFILE FOR AIRBUS 320-211

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A320-211	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	3.5
A320-211	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	16811
A320-211	A	ARR_3.5	1	3	NULL	W	NULL	4000	201.1	5547.9
A320-211	A	ARR_3.5	1	4	NULL	F	NULL	4000	182.2	3.5
A320-211	A	ARR_3.5	1	5	NULL	F	NULL	2614	173.7	3.5
A320-211	A	ARR_3.5	1	6	NULL	F	NULL	1942	141	3.5
A320-211	A	ARR_3.5	1	7	FULL_D	D	NULL	1823	132.6	3.5
A320-211	A	ARR_3.5	1	8	FULL_D	D	NULL	50	132.6	3.5
A320-211	A	ARR_3.5	1	9	FULL_D	L	NULL	303.5	0	0
A320-211	A	ARR_3.5	1	10	NULL	B	V	2731.6	129.6	40
A320-211	A	ARR_3.5	1	11	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

The user-defined approach procedure profiles for the other 68 aircraft modeled for the SAN 14 CFR Part 150 Study update were created in the same manner and can be found in **Appendix A**.

3.1.2 NOISE MODELING METHODOLOGY

The affected arrival operations to Runway 27 were modeled in AEDT 2d in two scenarios: (1) standard approach procedure profiles and (2) user-defined approach procedure profiles. Modeling both scenarios is necessary to perform a comparative analysis between the standard and user-defined procedure profiles. The following sections summarize the inputs to AEDT to conduct the comparative analysis.

3.1.2.1 METEOROLOGICAL INPUTS

The following meteorological inputs were used in the model are listed in **Table 3-5**. These were the same inputs used to calculate the existing and forecast noise levels for the 14 CFR Part 150 Study update.

TABLE 3-5 SAN AVERAGE ANNUAL DAY METEOROLOGICAL INPUTS TO AEDT

UNIT	AAD VALUE
Temperature (°F)	64
Relative Humidity (%)	73.1
Barometric Air Pressure (millibars)	1014.35
Sea Level Pressure (millibars)	1014.75
Dewpoint (°F)	53.72
Runway Headwind Windspeed (kts)	5.57

NOTES

AAD – Average Annual Day

°F – degrees Fahrenheit

% - percentage

kts - knots

SOURCE: Harris Miller Miller and Hanson, November 2019.

3.1.2.2 TERRAIN

Terrain data affects the vertical distance between an aircraft and a receiver on the ground. This in turn affects noise propagation assumptions about the amount of noise energy reduces over distance. Terrain data was used for this analysis and was obtained from the United States Geological Survey (USGS) National Map Viewer.

3.1.2.3 AIRCRAFT TYPE AND OPERATIONS

Each aircraft type to be modeled for the SAN 14 CFR Part 150 Study update are available in AEDT as a standard aircraft or substitution aircraft available to the user that does not require FAA approval. For purposes of the receptor analysis, each aircraft was modeled on a straight-in final approach noise model track with an operation count of one.

Note: FAA provided AEDT users new procedure approach profile for the Boeing 737-800 compatible with AEDT 2d. FAA Office of Environment and Energy (FAA AEE) requires formal notification of its use for a study but does not require FAA AEE approval. The AEDT study for the SAN 14 CFR Part 150 Study update intends on using the Boeing 737-800 approach procedure profile, and this request serves as formal notification to FAA of its use.

3.1.2.4 NOISE MODEL TRACK

For purposes of the receptor analysis, a straight-in arrival track starting at the VYDAA intersection of the Runway 27 Localizer approach, which is approximately 13 NM from the approach end of Runway 27, was modeled. All aircraft were modeled on the same straight-in approach noise model track.

3.1.3 DEMONSTRATING CHANGE ANALYSIS RESULTS

As outlined in Section 5.3.2 of the Guidance on Using AEDT document, noise results for arrival tracks are reported by placing noise receptors 0.5 NM apart underneath the final approach flight path up to 13 NM east of Runway 27.

Table 3-3 compares the noise impact of the Boeing 737700 modeled using the default and user-defined profile. The AEDT aircraft model (a.k.a. "ANP_ACFT_ID") is presented along with the profile weight which describes the starting weight of the aircraft in pounds (lbs). The first column presents the distance from the arriving runway end to the particular noise receptor placed underneath the given track in nautical miles. The second column is the SEL dBA value generated for the standard approach procedure profile at each receptor. The third column is the SEL dBA value generated from the user-defined approach procedure profile at each receptor. The fourth column is a difference between the third and fourth columns presented in dBA. Due to rounding, this column may contain values that are not accurately represented by the hundredth decimal place. To capture the noise impacts of the entire final approach procedure profile, receptors were placed underneath the track until 13 NM of cumulative distance was reached. This is where the Runway 27 localizer approach begins at the VYDAA intersection.

Table 3-3 indicates that the SEL dBA values at each receptor underneath the final approach noise model track with one Boeing 737700 arrival are different between the default and user-defined procedure profile. As expected, the SEL dBA values are lower for the user-defined procedure profile compared to the standard because the aircraft is higher when descending at a 3.5-degree glide slope angle.

The noise comparisons for each of the other 69 aircraft type modeled in the SAN 14 CFR Part 150 Study update were generated using the same methodology and can be found in **Appendix B**. The SEL dBA comparisons for all the remaining aircraft follow the same pattern as the Boeing 737700.

TABLE 3-3 BOEING 737700 SEL DBA COMPARISON

AEDT AIRCRAFT MODEL: 737-700		PROFILE WEIGHT: 115,200 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL DBA)	USER-DEFINED PROFILE (SEL DBA)	DIFFERENCE
0.5	98.28	97.46	-0.82
1	98.51	97.14	-1.37
1.5	95.4	94.07	-1.33
2	93.91	92.44	-1.47
2.5	92.23	90.79	-1.44
3	90.95	89.43	-1.52
3.5	89.16	87.29	-1.87
4	87.17	85.25	-1.92
4.5	86.67	84.43	-2.24
5	85.09	82.88	-2.21
5.5	84.00	82.00	-2.00
6	83.1	81.27	-1.83
6.5	82.52	80.54	-1.98
7	82.34	80.03	-2.31
7.5	81.7	79.29	-2.41
8	80.75	78.42	-2.33
8.5	79.98	77.65	-2.33
9	79.75	77.36	-2.39
9.5	78.95	76.38	-2.57
10	78.33	75.63	-2.70
10.5	76.61	74.08	-2.53
11	76.32	73.79	-2.53
11.5	75.66	73.2	-2.46
12	75.19	72.72	-2.47
12.5	74.84	72.25	-2.59
13	74.57	72.03	-2.54

NOTES:

NM – Nautical miles

SEL – Sound Exposure Level

dBA – A-weighted decibels

SOURCE: Ricondo & Associates, Inc. December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles).

3.2 GRAPHIC AND TABULAR COMPARISONS

Section 5.3.2 of the Guidance on Using AEDT document also describes that graphics depicting each proposed change in profile be provided to display the effect on aircraft performance in the three following ways:

- Altitude vs. Distance

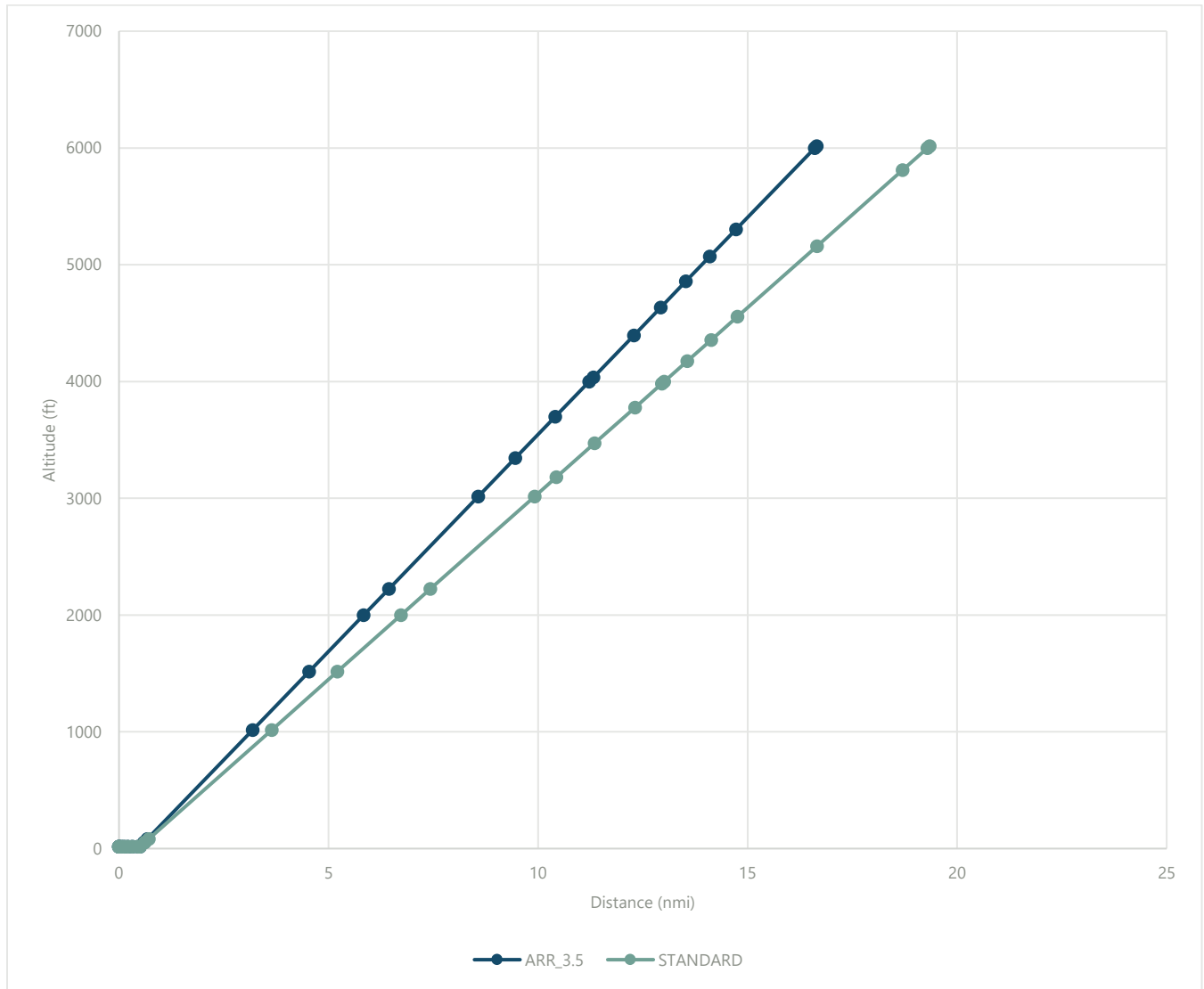
- Speed vs. Distance
- Thrust vs. Distance

This section summarizes the aircraft performance comparison results between the standard and user-defined procedure approach procedure profiles. **Exhibits 3-1, 3-2 and 3-3** plot the Boeing 737700 performance profiles for altitude (Above Airfield Elevation in feet), speed (knots) and thrust (net corrected thrust in pounds) versus the final approach track distance (distance) in nautical miles from the end of Runway 27. The performance profiles were calculated by assigning one 737700 operation based on the user-defined profile and standard profile to an approach noise model track to Runway 27 and running the performance model in AEDT. Standard procedure profile performance values for altitude, speed and thrust prior to the final approach were not changed, but the entire profile is depicted up to a distance needed to capture aircraft performance at and below 6,000 ft. AFE (default starting altitude for standard approach procedure profiles in AEDT). The three aircraft performance charts for each of the other 69 aircraft were generated using the same methodology and can be found in **Appendix C**.

For all charts, the default approach procedure profile is presented as a solid green line and the user-defined approach procedure profile is presented as a solid blue line. Similar to the comparative noise analysis presented in Section 3.1, all of the charts depict the entire final approach segment up to 6,000 ft. AFE where AEDT begins modeling noise for arrivals by default. The distance is cumulative starting from the runway end up to the point where aircraft are near 6,000 ft. AFE.

Table 3-4 contains the data used to plot the graphs found on Exhibits 3-1, 3-2, and 3-3. The aircraft performance table for each of the other 69 aircraft modeled for the SAN 14 CFR Part 150 Study update are provided in Appendix C. The Cumulative Distance values reported in Table 3-4 represents the cumulative distance starting near 6,000 ft. AFE. This data was not depicted on the charts but was provided as supplemental data for review.

EXHIBIT 3-1 737700 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

nmi – nautical miles

ft. – feet

ARR_3.5 – user defined 3.5-degree approach performance profile

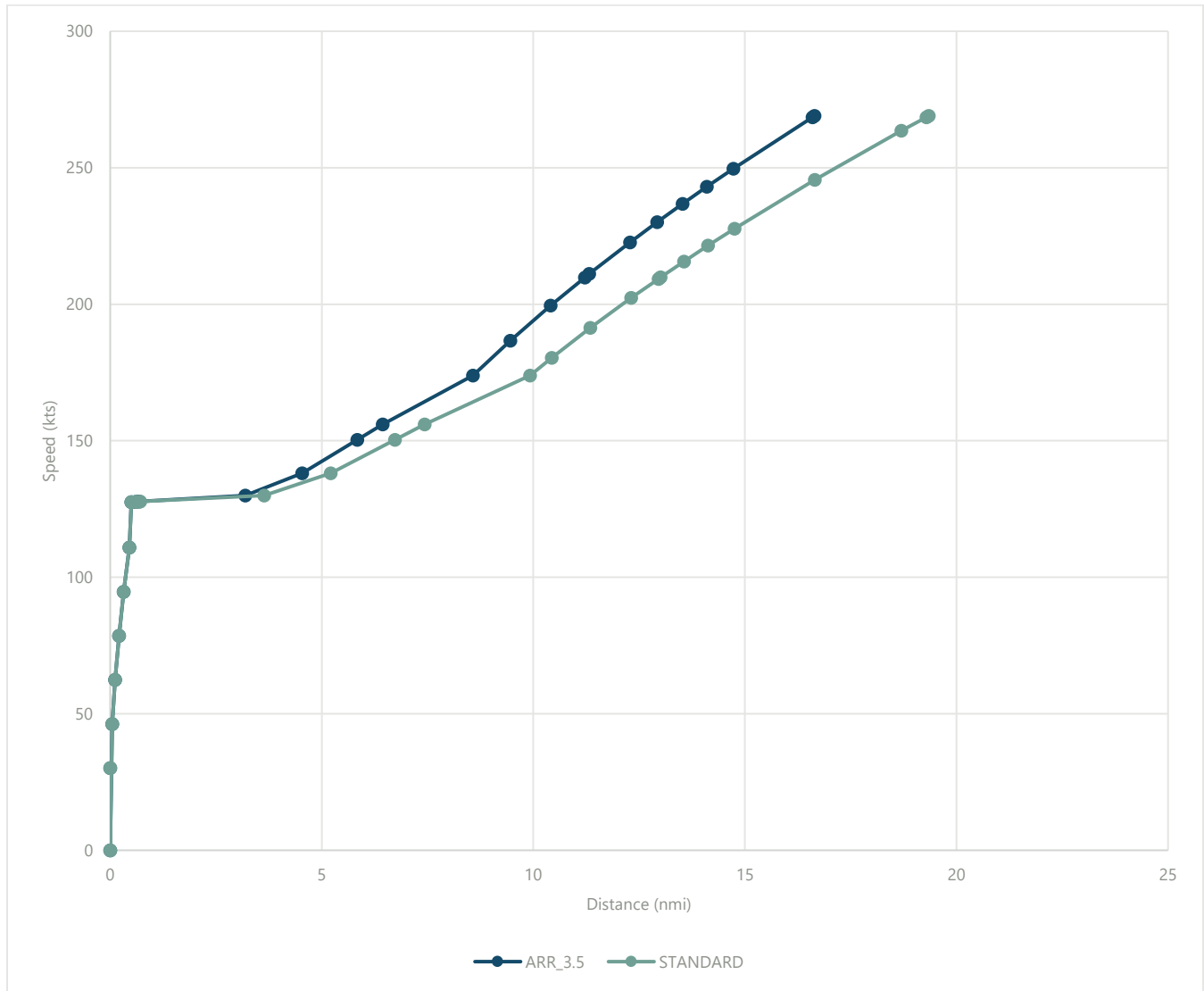
Altitude – height above airfield elevation

Distance – cumulative distance starting from end of landing roll on Runway 27

Standard – AEDT Standard aircraft performance profile

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT 3-2 737700 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

nmi – nautical miles

kts - knots

ARR_3.5 – user defined 3.5-degree approach performance profile

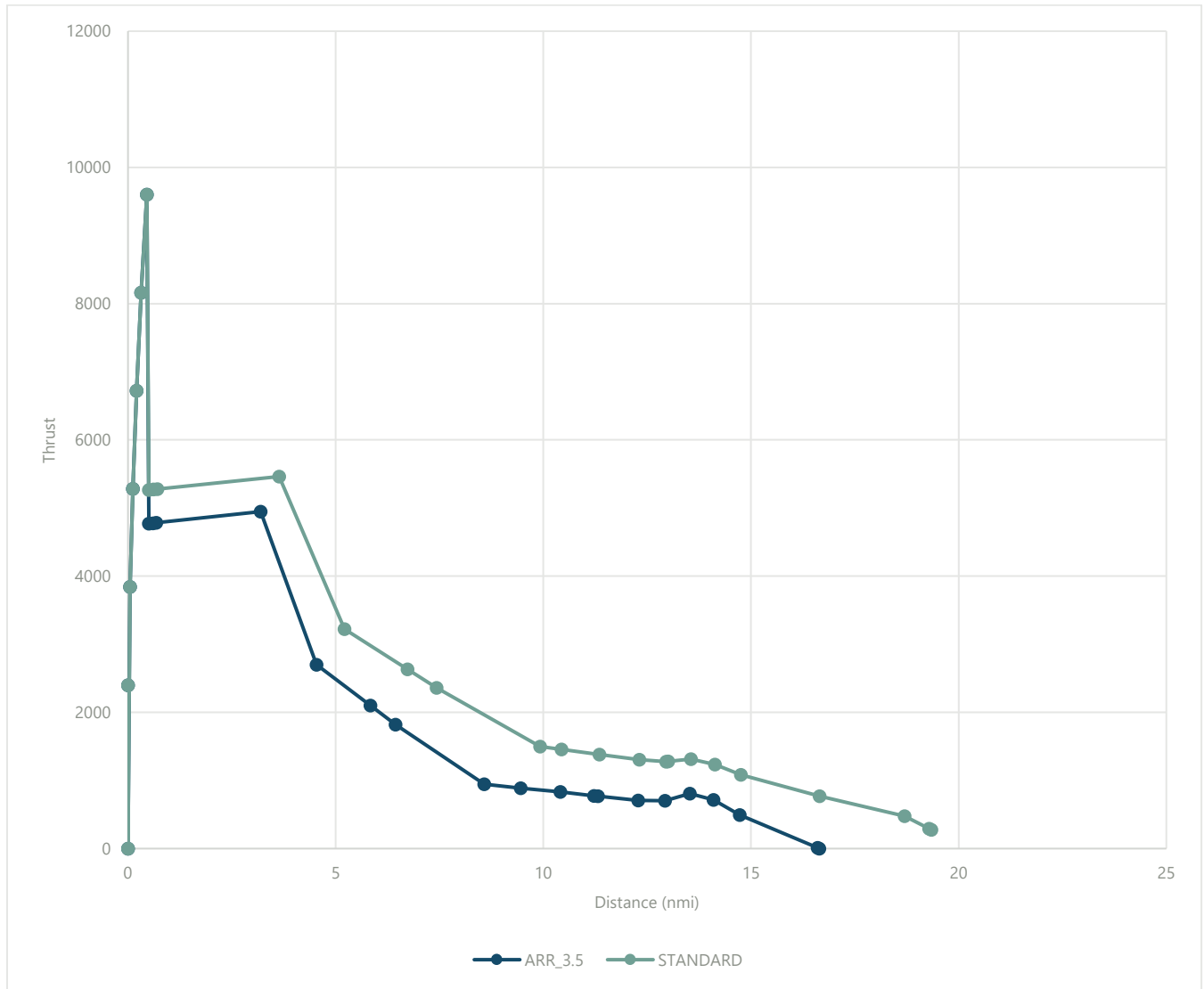
Altitude – height above airfield elevation

Distance – cumulative distance starting from end of landing roll on Runway 27

Standard – AEDT Standard aircraft performance profile

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT 3-3 737700 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

nmi – nautical miles

Thrust – net corrected thrust in pounds

ARR_3.5 – user defined 3.5-degree approach performance profile

Altitude – height above airfield elevation

Distance – cumulative distance starting from end of landing roll on Runway 27

Standard – AEDT Standard aircraft performance profile

SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE 3-4 BOEING 737700 PERFORMANCE DATA COMPARISON

STANDARD					USER-DEFINED				
DISTANCE (NM)	CUMULATIVE DISTANCE (NM)	ALTITUDE (FT. AFE)	SPEED (KTS)	NET CORRECTED THRUST (LBS)	DISTANCE (NM)	CUMULATIVE DISTANCE (NM)	ALTITUDE (FT. AFE)	SPEED (KTS)	NET CORRECTED THRUST (LBS)
19.3435132	0	6016.4	268.993525	277.2448623	16.64644675	0	6016.4	268.993525	1
19.29012723	0.053385971	5999.4	268.5453618	293.7719077	16.60070246	0.045744282	5999.4	268.5333732	12.74796614
18.6951616	0.648351604	5809.941691	263.55076	477.9593241	14.72606829	1.92037846	5302.727557	249.6760159	494.1882173
16.6535762	2.689937008	5159.827974	245.6255573	770.3682644	14.10079214	2.545654608	5070.355467	243.0551178	716.2331803
14.75573602	4.587777186	4555.487872	227.7003545	1084.489774	13.52860342	3.117843329	4857.712319	236.8342175	808.1775333
14.13045987	5.213053335	4356.377612	221.4770844	1234.109787	12.9271052	3.719341542	4634.17685	230.1134138	700.9992975
13.55827115	5.785242056	4174.172285	215.6248559	1312.655314	12.28446078	4.361985964	4395.350169	222.7088754	706.3104379
13.00942479	6.334088414	3999.4	209.8504549	1278.829872	11.32021999	5.326226753	4037.008262	211.1122989	768.1616523
12.95677294	6.386740269	3982.633769	209.2965058	1275.584934	11.21902217	5.427424573	3999.4	209.8264865	775.1337094
12.31412851	7.02938469	3777.99283	202.3166539	1305.782511	10.4075299	6.238916844	3697.824199	199.5157224	831.0417362
11.34878079	7.994732416	3470.591633	191.3540064	1382.145997	9.459277445	7.187169302	3345.424054	186.7059205	888.1742245
10.43719763	8.906315571	3180.310995	180.3913589	1456.112677	8.573926311	8.072520436	3016.4	173.8961185	945.3067127
9.92245954	9.421053665	3016.4	173.8961185	1496.115585	6.440077862	10.20636888	2223.395461	156.0055894	1821.641096
7.432146767	11.91136644	2223.395461	156.0055894	2358.554226	5.837341883	10.80910486	1999.4	150.3373814	2099.28775
6.728722347	12.61479086	1999.4	150.3373814	2631.798329	4.537666093	12.10878065	1516.4	138.1150603	2697.975479
5.211932707	14.1315805	1516.4	138.1150603	3220.992867	3.19224602	13.45420073	1016.4	129.925058	4947.026216
3.641757096	15.70175611	1016.4	129.925058	5461.086802	0.679001324	15.96744542	82.4	127.7103755	4782.500294
0.708669055	18.63484415	82.4	127.7103755	5279.509357	0.598038693	16.04840805	52.31176471	127.6383919	4777.104161
0.614181429	18.72933178	52.31176471	127.6383919	5273.553995	0.501405875	16.14504087	16.4	127.5524229	4770.65963
0.501405875	18.84210733	16.4	127.5524229	5266.441583	0.451258704	16.19518804	16.4	110.8800158	9600
0.451258704	18.8922545	16.4	110.8800158	9600	0.319649547	16.3267972	16.4	94.72728935	8160
0.319649547	19.02386366	16.4	94.72728935	8160	0.208719099	16.43772765	16.4	78.57456287	6720
0.208719099	19.13479411	16.4	78.57456287	6720	0.118467358	16.52797939	16.4	62.4218364	5280
0.118467358	19.22504585	16.4	62.4218364	5280	0.048894325	16.59755242	16.4	46.26910992	3840
0.048894325	19.29461888	16.4	46.26910992	3840	0	16.64644675	16.4	0	0
0	19.3435132	16.4	0	0	0	16.64644675	16.4	30.11638345	2400
0	19.3435132	16.4	30.11638345	2400					

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

4. CONCLUSION

Ricondo is seeking FAA approval for the use of the user-defined approach procedure profiles using the method for developing user-defined profiles described and the definitions provided in Section 3.1.1 and Appendix A. The benefit of using the user-defined profiles is to more accurately model Runway 27 final approach operations, which descend along a 3.5-degree glide slope. The noise model results reported in the data tables provided in Appendix B indicate the expected acoustical benefits. As indicated in the altitude performance graphs and tables in Appendix C, the final approach altitude will be modeled at a slightly higher altitude as a result of descending at a 3.5-degree glide slope starting at 4,000 ft. AFE approximately 13 NM east of Runway 27 at the VYDAA intersection. This results in slightly lower noise levels on the ground compared to the AEDT standard approach profiles.

APPENDIX A AIRCRAFT STANDARD AND USER-DEFINED PROCEDURE PROFILE DATA

Appendix A contains the 70 user-defined approach procedure profile definitions for the following ANP_ACFT_IDs:

- 1900D
- 737400
- 737700
- 7378MAX
- 757PW
- 777200
- 7878R
- A320-211
- A330-343
- BD-700-1A11
- CL600
- CNA182
- CNA20T
- CNA510
- CNA560U
- CNA750
- DC1030
- DHC8
- ECLIPSE500
- EMB190
- GIIB
- IA1125
- MD11PW
- MU3001
- 717200
- 737500
- 747400
- 767300
- 777300
- A319-131
- A321-232
- A340-211
- BEC58P
- CL601
- CNA206
- CNA441
- CNA525C
- CNA560XL
- COMSEP
- DC870
- DHC830
- EMB145
- GASEPF
- GIV
- LEAR25
- MD83
- PA28
- 737300
- 737800 (FAA AEE updated procedure profile data)
- 757300
- 767CF6
- 7773ER
- A320-232
- A330-301
- BD-700-1A10
- CIT3
- CNA172
- CNA208
- CNA500
- CNA55B
- CNA680
- CRJ9-ER
- DHC6
- DO328
- EMB175
- GASEPV
- GV
- LEAR35
- MD9025
- T41

TABLE A-1 1900D

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
1900D	A	STANDARD	1	1	ZERO-A	D		6000	160	3
1900D	A	STANDARD	1	2	ZERO-A	D		3000	160	3
1900D	A	STANDARD	1	3	ZERO-A	D		1500	146	3
1900D	A	STANDARD	1	4	35-A	D		1000	118	3
1900D	A	STANDARD	1	5	35-A	L		57.2	0	0
1900D	A	STANDARD	1	6	NULL	B	V	515.2	84	40
1900D	A	STANDARD	1	7	NULL	B	L	0	10	10

User-Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
1900D	A	ARR_3.5	1	1	ZERO-A	D		6000	160	3.5
1900D	A	ARR_3.5	1	2	ZERO-A	D		3000	160	3.5
1900D	A	ARR_3.5	1	3	ZERO-A	D		1500	146	3.5
1900D	A	ARR_3.5	1	4	35-A	D		1000	118	3.5
1900D	A	ARR_3.5	1	5	35-A	L		57.2	0	0
1900D	A	ARR_3.5	1	6	NULL	B	V	515.2	84	40
1900D	A	ARR_3.5	1	7	NULL	B	L	0	10	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-2 717200

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
717200	A	STANDARD	1	1	A_0U	D		6000	250	3
717200	A	STANDARD	1	2	A_18U	D		3000	190	3
717200	A	STANDARD	1	3	A_18D	D		1500	160	3
717200	A	STANDARD	1	4	A_40D	D		1000	140	3
717200	A	STANDARD	1	5	A_40D	L		318.6	0	0
717200	A	STANDARD	1	6	A_40D	B	V	2867.4	130	40
717200	A	STANDARD	1	7	NULL	B	L	0	30	8.6

User-Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
717200	A	ARR_3.5	1	1	A_0U	D		6000	250	3.5
717200	A	ARR_3.5	1	2	A_18U	D		3000	190	3.5
717200	A	ARR_3.5	1	3	A_18D	D		1500	160	3.5
717200	A	ARR_3.5	1	4	A_40D	D		1000	140	3.5
717200	A	ARR_3.5	1	5	A_40D	L		318.6	0	0
717200	A	ARR_3.5	1	6	A_40D	B	V	2867.4	130	40
717200	A	ARR_3.5	1	7	NULL	B	L	0	30	8.6

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-3 737300.

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737300	A	STANDARD	1	1	ZERO	D		6000	250	3
737300	A	STANDARD	1	2	5	D		3000	170	3
737300	A	STANDARD	1	3	D-15	D		1500	148.6	3
737300	A	STANDARD	1	4	D-30	D		1000	139	3
737300	A	STANDARD	1	5	D-30	L		316.8	0	0
737300	A	STANDARD	1	6	NULL	B	V	2851.2	131.9	40
737300	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737300	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
737300	A	ARR_3.5	1	2	5	D		3000	170	3.5
737300	A	ARR_3.5	1	3	D-15	D		1500	148.6	3.5
737300	A	ARR_3.5	1	4	D-30	D		1000	139	3.5
737300	A	ARR_3.5	1	5	D-30	L		316.8	0	0
737300	A	ARR_3.5	1	6	NULL	B	V	2851.2	131.9	40
737300	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-4 737400

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737400	A	STANDARD	1	1	ZERO	D		6000	250	3
737400	A	STANDARD	1	2	5	D		3000	170	3
737400	A	STANDARD	1	3	D-15	D		1500	159.7	3
737400	A	STANDARD	1	4	D-30	D		1000	144.9	3
737400	A	STANDARD	1	5	D-30	L		360.2	0	0
737400	A	STANDARD	1	6	NULL	B	V	3241.8	137.5	40
737400	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737400	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
737400	A	ARR_3.5	1	2	5	D		3000	170	3.5
737400	A	ARR_3.5	1	3	D-15	D		1500	159.7	3.5
737400	A	ARR_3.5	1	4	D-30	D		1000	144.9	3.5
737400	A	ARR_3.5	1	5	D-30	L		360.2	0	0
737400	A	ARR_3.5	1	6	NULL	B	V	3241.8	137.5	40
737400	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-5 737500

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737500	A	STANDARD	1	1	ZERO	D		6000	250	3
737500	A	STANDARD	1	2	5	D		3000	170	3
737500	A	STANDARD	1	3	D-15	D		1500	143.4	3
737500	A	STANDARD	1	4	D-30	D		1000	135.3	3
737500	A	STANDARD	1	5	D-30	L		314.2	135.3	0
737500	A	STANDARD	1	6	NULL	B	V	2827.8	128.4	40
737500	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737500	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
737500	A	ARR_3.5	1	2	5	D		3000	170	3.5
737500	A	ARR_3.5	1	3	D-15	D		1500	143.4	3.5
737500	A	ARR_3.5	1	4	D-30	D		1000	135.3	3.5
737500	A	ARR_3.5	1	5	D-30	L		314.2	135.3	0
737500	A	ARR_3.5	1	6	NULL	B	V	2827.8	128.4	40
737500	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-6 737700

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737700	A	STANDARD	1	1	T_ZERO	D		6000	250	3
737700	A	STANDARD	1	2	T_5	D		3000	171	3
737700	A	STANDARD	1	3	A_15	D		1500	140	3
737700	A	STANDARD	1	4	A_40	D		1000	133	3
737700	A	STANDARD	1	5	A_40	L		304.7	0	0
737700	A	STANDARD	1	6	A_40	B	V	2741.9	116	40
737700	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
737700	A	ARR_3.5	1	1	T_ZERO	D		6000	250	3.5
737700	A	ARR_3.5	1	2	T_5	D		3000	171	3.5
737700	A	ARR_3.5	1	3	A_15	D		1500	140	3.5
737700	A	ARR_3.5	1	4	A_40	D		1000	133	3.5
737700	A	ARR_3.5	1	5	A_40	L		304.7	0	0
737700	A	ARR_3.5	1	6	A_40	B	V	2741.9	116	40
737700	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-7 737800

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
U_737800	A	U_STD	1	1	A_00	F	NULL	6000	248.93	3
U_737800	A	U_STD	1	2	A_00	W	I	3000	249.5	25437
U_737800	A	U_STD	1	3	A_01	W	I	3000	187.18	3671
U_737800	A	U_STD	1	4	A_05	W	I	3000	174.66	5209
U_737800	A	U_STD	1	5	A_15	F	NULL	3000	151.41	3
U_737800	A	U_STD	1	6	A_30	D	NULL	2817	139.11	3
U_737800	A	U_STD	1	7	A_30	L	I	393.8	139	0
U_737800	A	U_STD	1	8	NULL	B	V	3837.5	139	40
U_737800	A	U_STD	1	9	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
U_737800	A	ARR_3.5	1	1	A_00	F	NULL	6000	248.93	3
U_737800	A	ARR_3.5	1	2	A_00	W	I	4000	249.5	25437
U_737800	A	ARR_3.5	1	3	A_01	W	I	4000	187.18	3671
U_737800	A	ARR_3.5	1	4	A_05	W	I	4000	174.66	5209
U_737800	A	ARR_3.5	1	5	A_15	F	NULL	4000	151.41	3.5
U_737800	A	ARR_3.5	1	6	A_30	D	NULL	2817	139.11	3.5
U_737800	A	ARR_3.5	1	7	A_30	L	I	393.8	139	0
U_737800	A	ARR_3.5	1	8	NULL	B	V	3837.5	139	40
U_737800	A	ARR_3.5	1	9	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-8 7378MAX

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
7378MAX	A	STANDARD	1	1	A_00	D	NULL	6000	250	3
7378MAX	A	STANDARD	1	2	A_01	U	NULL	3000	187	61931
7378MAX	A	STANDARD	1	3	A_05	U	NULL	3000	174.5	58262
7378MAX	A	STANDARD	1	4	A_15	D	NULL	3000	152	3
7378MAX	A	STANDARD	1	5	A_40	D	NULL	2828	139	3
7378MAX	A	STANDARD	1	6	A_40	L	NULL	393.8	0	0
7378MAX	A	STANDARD	1	7	NULL	B	V	3837.5	139	40
7378MAX	A	STANDARD	1	8	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
7378MAX	A	ARR_3.5	1	1	A_00	D	NULL	6000	250	3
7378MAX	A	ARR_3.5	1	2	A_01	U	NULL	4000	187	61931
7378MAX	A	ARR_3.5	1	3	A_05	U	NULL	4000	174.5	58262
7378MAX	A	ARR_3.5	1	4	A_15	D	NULL	4000	152	3.5
7378MAX	A	ARR_3.5	1	5	A_40	D	NULL	2828	139	3.5
7378MAX	A	ARR_3.5	1	6	A_40	L	NULL	393.8	0	0
7378MAX	A	ARR_3.5	1	7	NULL	B	V	3837.5	139	40
7378MAX	A	ARR_3.5	1	8	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-9 747700

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
747400	A	STANDARD	1	1	5	D		6000	250	3
747400	A	STANDARD	1	2	10	D		3000	175.4	3
747400	A	STANDARD	1	3	D-25	D		1500	161.4	3
747400	A	STANDARD	1	4	D-30	D		1000	155.4	3
747400	A	STANDARD	1	5	D-30	L		533.6	0	0
747400	A	STANDARD	1	6	NULL	B	V	4802.4	147.5	10
747400	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
747400	A	ARR_3.5	1	1	5	D		6000	250	3.5
747400	A	ARR_3.5	1	2	10	D		3000	175.4	3.5
747400	A	ARR_3.5	1	3	D-25	D		1500	161.4	3.5
747400	A	ARR_3.5	1	4	D-30	D		1000	155.4	3.5
747400	A	ARR_3.5	1	5	D-30	L		533.6	0	0
747400	A	ARR_3.5	1	6	NULL	B	V	4802.4	147.5	10
747400	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-10 757300

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
757300	A	STANDARD	1	1	-164435	6000	272.3	1486	A
757300	A	STANDARD	1	2	-151118	5453	270.2	1460	A
757300	A	STANDARD	1	3	-142300	5090	268.7	1443	A
757300	A	STANDARD	1	4	-129161	4549	266.7	1419	A
757300	A	STANDARD	1	5	-116126	4012	264.6	1395	A
757300	A	STANDARD	1	6	-103194	3478	262.6	1373	A
757300	A	STANDARD	1	7	-91625	3000	260.8	1352	A
757300	A	STANDARD	1	8	-86211	3000	250.3	1429	A
757300	A	STANDARD	1	9	-78301	3000	234.4	1544	A
757300	A	STANDARD	1	10	-70923	3000	218.5	1660	A
757300	A	STANDARD	1	11	-64122	3000	200.4	1793	A
757300	A	STANDARD	1	12	-60794	3000	190.5	1865	A
757300	A	STANDARD	1	13	-55590	3000	170	2014	A
757300	A	STANDARD	1	14	-52560	2915	155.6	2120	A
757300	A	STANDARD	1	15	-50628	2808	145.4	2195	A
757300	A	STANDARD	1	16	-50528	2808	145.4	9439	A
757300	A	STANDARD	1	17	-45555	2527	144.8	9341	A
757300	A	STANDARD	1	18	-40954	2272	144.2	9252	A
757300	A	STANDARD	1	19	-36371	2017	143.7	9165	A
757300	A	STANDARD	1	20	-31806	1764	143.2	9080	A
757300	A	STANDARD	1	21	-27259	1512	142.6	8995	A
757300	A	STANDARD	1	22	-24992	1386	142.4	8954	A
757300	A	STANDARD	1	23	-22729	1260	142.1	8912	A
757300	A	STANDARD	1	24	-18217	1009	141.6	8830	A
757300	A	STANDARD	1	25	-13722	760	141.1	8749	A
757300	A	STANDARD	1	26	-9245	511	140.6	8670	A
757300	A	STANDARD	1	27	-4784	263	140.1	8591	A
757300	A	STANDARD	1	28	-954	50	139.7	8524	A
757300	A	STANDARD	1	29	0	0	138.7	8524	A
757300	A	STANDARD	1	30	413.2	0	131.7	17240	D
757300	A	STANDARD	1	31	4131.9	0	30	4040	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
757300	A	ARR_3.5	1	1	-134233	6000	272.3	1486	A
757300	A	ARR_3.5	1	2	-125290	5453	270.2	1460	A
757300	A	ARR_3.5	1	3	-119355	5090	268.7	1443	A
757300	A	ARR_3.5	1	4	-110510	4549	266.7	1419	A
757300	A	ARR_3.5	1	5	-101730	4012	264.6	1395	A
757300	A	ARR_3.5	1	6	-101534	4000	264	1373	A
757300	A	ARR_3.5	1	7	-96120	4000	253.5	1352	A
757300	A	ARR_3.5	1	8	-88210	4000	237.6	1429	A
757300	A	ARR_3.5	1	9	-80832	4000	221.7	1544	A
757300	A	ARR_3.5	1	10	-74031	4000	203.6	1660	A
757300	A	ARR_3.5	1	11	-70703	4000	193.7	1793	A
757300	A	ARR_3.5	1	12	-65499	4000	173.2	1865	A
757300	A	ARR_3.5	1	13	-49149	3000	170	2014	A
757300	A	ARR_3.5	1	14	-47759	2915	155.6	2120	A
757300	A	ARR_3.5	1	15	-46010	2808	145.4	2195	A
757300	A	ARR_3.5	1	16	-45910	2808	145.4	9439	A
757300	A	ARR_3.5	1	17	-41316	2527	144.8	9341	A
757300	A	ARR_3.5	1	18	-37147	2272	144.2	9252	A
757300	A	ARR_3.5	1	19	-32978	2017	143.7	9165	A
757300	A	ARR_3.5	1	20	-28841	1764	143.2	9080	A
757300	A	ARR_3.5	1	21	-24721	1512	142.6	8995	A
757300	A	ARR_3.5	1	22	-22661	1386	142.4	8954	A
757300	A	ARR_3.5	1	23	-20601	1260	142.1	8912	A
757300	A	ARR_3.5	1	24	-16497	1009	141.6	8830	A
757300	A	ARR_3.5	1	25	-12426	760	141.1	8749	A
757300	A	ARR_3.5	1	26	-8355	511	140.6	8670	A
757300	A	ARR_3.5	1	27	-4300	263	140.1	8591	A
757300	A	ARR_3.5	1	28	-817	50	139.7	8524	A
757300	A	ARR_3.5	1	29	0	0	138.7	8524	A
757300	A	ARR_3.5	1	30	413.2	0	131.7	17240	D
757300	A	ARR_3.5	1	31	4131.9	0	30	4040	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-11 757PW

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
757PW	A	STANDARD	1	1	ZERO	D		6000	250	3
757PW	A	STANDARD	1	2	5	D		3000	160	3
757PW	A	STANDARD	1	3	D-25	D		1500	136.5	3
757PW	A	STANDARD	1	4	D-30	D		1000	134.2	3
757PW	A	STANDARD	1	5	D-30	L		335.7	0	0
757PW	A	STANDARD	1	6	NULL	B	V	3021.3	127.3	40
757PW	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
757PW	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
757PW	A	ARR_3.5	1	2	5	D		3000	160	3.5
757PW	A	ARR_3.5	1	3	D-25	D		1500	136.5	3.5
757PW	A	ARR_3.5	1	4	D-30	D		1000	134.2	3.5
757PW	A	ARR_3.5	1	5	D-30	L		335.7	0	0
757PW	A	ARR_3.5	1	6	NULL	B	V	3021.3	127.3	40
757PW	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-12 767300

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
767300	A	STANDARD	1	1	ZERO	D		6000	250	3
767300	A	STANDARD	1	2	5	D		3000	167	3
767300	A	STANDARD	1	3	D-25	D		1500	141	3
767300	A	STANDARD	1	4	D-30	D		1000	137.1	3
767300	A	STANDARD	1	5	D-30	L		328.5	137.1	0
767300	A	STANDARD	1	6	NULL	B	V	2956.5	130.1	10
767300	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
767300	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
767300	A	ARR_3.5	1	2	5	D		3000	167	3.5
767300	A	ARR_3.5	1	3	D-25	D		1500	141	3.5
767300	A	ARR_3.5	1	4	D-30	D		1000	137.1	3.5
767300	A	ARR_3.5	1	5	D-30	L		328.5	137.1	0
767300	A	ARR_3.5	1	6	NULL	B	V	2956.5	130.1	10
767300	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-13 767CF6

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
767CF6	A	STANDARD	1	1	1	D		6000	250	3
767CF6	A	STANDARD	1	2	5	D		3000	168.5	3
767CF6	A	STANDARD	1	3	D-25	D		1500	143	3
767CF6	A	STANDARD	1	4	D-30	D		1000	138.5	3
767CF6	A	STANDARD	1	5	D-30	L		327.6	138.5	0
767CF6	A	STANDARD	1	6	NULL	B	V	2948.4	131.4	10
767CF6	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
767CF6	A	ARR_3.5	1	1	1	D		6000	250	3.5
767CF6	A	ARR_3.5	1	2	5	D		3000	168.5	3.5
767CF6	A	ARR_3.5	1	3	D-25	D		1500	143	3.5
767CF6	A	ARR_3.5	1	4	D-30	D		1000	138.5	3.5
767CF6	A	ARR_3.5	1	5	D-30	L		327.6	138.5	0
767CF6	A	ARR_3.5	1	6	NULL	B	V	2948.4	131.4	10
767CF6	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-14 777200

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
777200	A	STANDARD	1	1	-161432	6000	272.7	1601	A
777200	A	STANDARD	1	2	-152529	5625	271.2	1546	A
777200	A	STANDARD	1	3	-143675	5250	269.8	1489	A
777200	A	STANDARD	1	4	-134871	4875	268.3	1431	A
777200	A	STANDARD	1	5	-126116	4501	266.9	1372	A
777200	A	STANDARD	1	6	-113073	3940	264.7	1283	A
777200	A	STANDARD	1	7	-104438	3566	263.3	1240	A
777200	A	STANDARD	1	8	-91417	3000	261.2	1171	A
777200	A	STANDARD	1	9	-87369	3000	252.9	1285	A
777200	A	STANDARD	1	10	-83307	3000	244.4	1401	A
777200	A	STANDARD	1	11	-79388	3000	236.1	1516	A
777200	A	STANDARD	1	12	-75608	3000	227.8	1633	A
777200	A	STANDARD	1	13	-71968	3000	219.6	1775	A
777200	A	STANDARD	1	14	-68470	3000	210.9	1924	A
777200	A	STANDARD	1	15	-64892	3000	201.4	2086	A
777200	A	STANDARD	1	16	-61924	3000	192.9	2241	A
777200	A	STANDARD	1	17	-58181	3000	180.6	2478	A
777200	A	STANDARD	1	18	-56026	3000	171.5	2655	A
777200	A	STANDARD	1	19	-54002	3000	159.9	2895	A
777200	A	STANDARD	1	20	-50922	2830	150.6	3100	A
777200	A	STANDARD	1	21	-49389	2745	143.8	3250	A
777200	A	STANDARD	1	22	-48916	2719	143.7	18735	A
777200	A	STANDARD	1	23	-44031	2447	143.2	18550	A
777200	A	STANDARD	1	24	-41755	2321	142.9	18464	A
777200	A	STANDARD	1	25	-37217	2069	142.4	18295	A
777200	A	STANDARD	1	26	-30444	1693	141.6	18046	A
777200	A	STANDARD	1	27	-25950	1443	141.1	17883	A
777200	A	STANDARD	1	28	-19241	1070	140.3	17642	A
777200	A	STANDARD	1	29	-12571	700	139.6	17407	A
777200	A	STANDARD	1	30	-5938	331	138.8	17176	A
777200	A	STANDARD	1	31	-890	50	138.3	17003	A
777200	A	STANDARD	1	32	0	0	123	3710	A
777200	A	STANDARD	1	33	305.1	0	116	9000	D
777200	A	STANDARD	1	34	3051	0	30	7700	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
777200	A	ARR_3.5	1	1	-148207	6000	272.7	1601	A
777200	A	ARR_3.5	1	2	-142076	5625	271.2	1546	A
777200	A	ARR_3.5	1	3	-135945	5250	269.8	1489	A
777200	A	ARR_3.5	1	4	-129814	4875	268.3	1431	A
777200	A	ARR_3.5	1	5	-123699	4501	266.9	1372	A
777200	A	ARR_3.5	1	6	-115508	4000	265	1283	A
777200	A	ARR_3.5	1	7	-102487	4000	262.9	1240	A
777200	A	ARR_3.5	1	8	-98439	4000	254.6	1171	A
777200	A	ARR_3.5	1	9	-94377	4000	246.1	1285	A
777200	A	ARR_3.5	1	10	-90458	4000	237.8	1401	A
777200	A	ARR_3.5	1	11	-86678	4000	229.5	1516	A
777200	A	ARR_3.5	1	12	-83038	4000	221.3	1633	A
777200	A	ARR_3.5	1	13	-79540	4000	212.6	1775	A
777200	A	ARR_3.5	1	14	-75962	4000	203.1	1924	A
777200	A	ARR_3.5	1	15	-72994	4000	194.6	2086	A
777200	A	ARR_3.5	1	16	-69251	4000	182.3	2241	A
777200	A	ARR_3.5	1	17	-67096	4000	173.2	2478	A
777200	A	ARR_3.5	1	18	-65072	4000	161.6	2655	A
777200	A	ARR_3.5	1	19	-48722	3000	159.9	2895	A
777200	A	ARR_3.5	1	20	-45943	2830	150.6	3100	A
777200	A	ARR_3.5	1	21	-44553	2745	143.8	3250	A
777200	A	ARR_3.5	1	22	-44453	2719	143.7	18735	A
777200	A	ARR_3.5	1	23	-40006	2447	143.2	18550	A
777200	A	ARR_3.5	1	24	-37946	2321	142.9	18464	A
777200	A	ARR_3.5	1	25	-33826	2069	142.4	18295	A
777200	A	ARR_3.5	1	26	-27678	1693	141.6	18046	A
777200	A	ARR_3.5	1	27	-23591	1443	141.1	17883	A
777200	A	ARR_3.5	1	28	-17493	1070	140.3	17642	A
777200	A	ARR_3.5	1	29	-11444	700	139.6	17407	A
777200	A	ARR_3.5	1	30	-5411	331	138.8	17176	A
777200	A	ARR_3.5	1	31	-817	50	138.3	17003	A
777200	A	ARR_3.5	1	32	0	0	123	3710	A
777200	A	ARR_3.5	1	33	305.1	0	116	9000	D
777200	A	ARR_3.5	1	34	3051	0	30	7700	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-15 777300

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
777300	A	STANDARD	1	1	-147626	6000	272	1	A
777300	A	STANDARD	1	2	-86391	3000	261	1	A
777300	A	STANDARD	1	3	-70159	3000	220	42.5	A
777300	A	STANDARD	1	4	-61102	3000	192	2231	A
777300	A	STANDARD	1	5	-56765	3000	179	5883.5	A
777300	A	STANDARD	1	6	-54191	3000	169	6413	A
777300	A	STANDARD	1	7	-54091	3000	169	2151	A
777300	A	STANDARD	1	8	-52237	2892	165	2077.5	A
777300	A	STANDARD	1	9	-48787	2702	150	2203.5	A
777300	A	STANDARD	1	10	-48454	2683	148	2224.5	A
777300	A	STANDARD	1	11	-48354	2683	148	20314	A
777300	A	STANDARD	1	12	-47301	2620	148	20266	A
777300	A	STANDARD	1	13	-42598	2359	147	20073.5	A
777300	A	STANDARD	1	14	-37914	2099	147	19883.5	A
777300	A	STANDARD	1	15	-33249	1841	146	19696	A
777300	A	STANDARD	1	16	-28603	1583	146	19512	A
777300	A	STANDARD	1	17	-23974	1326	145	19330	A
777300	A	STANDARD	1	18	-19364	1071	145	19151	A
777300	A	STANDARD	1	19	-14772	816	144	18974.5	A
777300	A	STANDARD	1	20	-10198	562	143	18800	A
777300	A	STANDARD	1	21	-5642	309	143	18629	A
777300	A	STANDARD	1	22	-1103	57	142	18460	A
777300	A	STANDARD	1	23	-979	50	142	18460	A
777300	A	STANDARD	1	24	0	0	141	18455	A
777300	A	STANDARD	1	25	445.7	0	134	7700	D
777300	A	STANDARD	1	26	4456.8	0	30	7700	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
777300	A	ARR_3.5	1	1	-114266	6000	272	1	A
777300	A	ARR_3.5	1	2	-81566	4000	250	1	A
777300	A	ARR_3.5	1	3	-72509	4000	222	42.5	A
777300	A	ARR_3.5	1	4	-68172	4000	209	2231	A
777300	A	ARR_3.5	1	5	-65598	4000	199	5883.5	A
777300	A	ARR_3.5	1	6	-65498	4000	199	6413	A
777300	A	ARR_3.5	1	7	-49148	3000	169	2151	A
777300	A	ARR_3.5	1	8	-47382	2892	165	2077.5	A
777300	A	ARR_3.5	1	9	-44276	2702	150	2203.5	A
777300	A	ARR_3.5	1	10	-43965	2683	148	2224.5	A
777300	A	ARR_3.5	1	11	-43865	2683	148	20314	A
777300	A	ARR_3.5	1	12	-42835	2620	148	20266	A
777300	A	ARR_3.5	1	13	-38568	2359	147	20073.5	A
777300	A	ARR_3.5	1	14	-34317	2099	147	19883.5	A
777300	A	ARR_3.5	1	15	-30099	1841	146	19696	A
777300	A	ARR_3.5	1	16	-25881	1583	146	19512	A
777300	A	ARR_3.5	1	17	-21679	1326	145	19330	A
777300	A	ARR_3.5	1	18	-17510	1071	145	19151	A
777300	A	ARR_3.5	1	19	-13341	816	144	18974.5	A
777300	A	ARR_3.5	1	20	-9188	562	143	18800	A
777300	A	ARR_3.5	1	21	-5051	309	143	18629	A
777300	A	ARR_3.5	1	22	-931	57	142	18460	A
777300	A	ARR_3.5	1	23	-817	50	142	18460	A
777300	A	ARR_3.5	1	24	0	0	141	18455	A
777300	A	ARR_3.5	1	25	445.7	0	134	7700	D
777300	A	ARR_3.5	1	26	4456.8	0	30	7700	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-16 7773ER

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
7773ER	A	STANDARD	1	1	NULL	F	NULL	6000	249.9	3
7773ER	A	STANDARD	1	2	NULL	W	I	3000	249.9	20776
7773ER	A	STANDARD	1	3	NULL	W	I	3000	210.6	10088
7773ER	A	STANDARD	1	4	NULL	W	I	3000	185.4	5926
7773ER	A	STANDARD	1	5	NULL	F	I	3000	170.4	3
7773ER	A	STANDARD	1	6	F_30	D	I	2700	147.8	3
7773ER	A	STANDARD	1	7	F_30	L	NULL	427.1	147.8	0
7773ER	A	STANDARD	1	8	NULL	B	V	3843.5	140.8	10
7773ER	A	STANDARD	1	9	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
7773ER	A	ARR_3.5	1	1	NULL	F	NULL	6000	249.9	3
7773ER	A	ARR_3.5	1	2	NULL	W	I	4000	249.9	20776
7773ER	A	ARR_3.5	1	3	NULL	W	I	4000	210.6	10088
7773ER	A	ARR_3.5	1	4	NULL	W	I	4000	185.4	5926
7773ER	A	ARR_3.5	1	5	NULL	F	I	4000	170.4	3.5
7773ER	A	ARR_3.5	1	6	F_30	D	I	2700	147.8	3.5
7773ER	A	ARR_3.5	1	7	F_30	L	NULL	427.1	147.8	0
7773ER	A	ARR_3.5	1	8	NULL	B	V	3843.5	140.8	10
7773ER	A	ARR_3.5	1	9	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-17 7878R

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
7878R	A	STANDARD	1	1	F_00	F	NULL	6000	249	3
7878R	A	STANDARD	1	2	NULL	W	I	3000	249.5	20950
7878R	A	STANDARD	1	3	NULL	W	I	3000	214.3	10000
7878R	A	STANDARD	1	4	NULL	W	I	3000	178.9	5000
7878R	A	STANDARD	1	5	FLAP20	F	NULL	3000	157	3
7878R	A	STANDARD	1	6	FLAP30	D	NULL	2725	142.3	3
7878R	A	STANDARD	1	7	FLAP30	L	I	362.7	142.3	0
7878R	A	STANDARD	1	8	NULL	B	V	3264.3	135.3	10
7878R	A	STANDARD	1	9	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
7878R	A	ARR_3.5	1	1	F_00	F	NULL	6000	249	3
7878R	A	ARR_3.5	1	2	NULL	W	I	4000	249.5	20950
7878R	A	ARR_3.5	1	3	NULL	W	I	4000	214.3	10000
7878R	A	ARR_3.5	1	4	NULL	W	I	4000	178.9	5000
7878R	A	ARR_3.5	1	5	FLAP20	F	NULL	4000	157	3.5
7878R	A	ARR_3.5	1	6	FLAP30	D	NULL	2725	142.3	3.5
7878R	A	ARR_3.5	1	7	FLAP30	L	I	362.7	142.3	0
7878R	A	ARR_3.5	1	8	NULL	B	V	3264.3	135.3	10
7878R	A	ARR_3.5	1	9	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-18 A319-131

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A319-131	A	STANDARD	1	1	NULL	F	NULL	6000	250	3.1
A319-131	A	STANDARD	1	2	NULL	W	NULL	3000	250	19940.9
A319-131	A	STANDARD	1	3	NULL	W	NULL	3000	197.5	4813
A319-131	A	STANDARD	1	4	NULL	F	NULL	3000	181.4	3
A319-131	A	STANDARD	1	5	NULL	F	NULL	2610	167.7	3
A319-131	A	STANDARD	1	6	NULL	F	NULL	2114	138.4	3
A319-131	A	STANDARD	1	7	FULL_D	D	NULL	1971	125.3	3
A319-131	A	STANDARD	1	8	FULL_D	D	NULL	50	125.3	3
A319-131	A	STANDARD	1	9	FULL_D	L	NULL	152.3	0	0
A319-131	A	STANDARD	1	10	NULL	B	V	1370.6	122.3	40
A319-131	A	STANDARD	1	11	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A319-131	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	3.1
A319-131	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	19940.9
A319-131	A	ARR_3.5	1	3	NULL	W	NULL	4000	197.5	4813
A319-131	A	ARR_3.5	1	4	NULL	F	NULL	4000	181.4	3.5
A319-131	A	ARR_3.5	1	5	NULL	F	NULL	2610	167.7	3.5
A319-131	A	ARR_3.5	1	6	NULL	F	NULL	2114	138.4	3.5
A319-131	A	ARR_3.5	1	7	FULL_D	D	NULL	1971	125.3	3.5
A319-131	A	ARR_3.5	1	8	FULL_D	D	NULL	50	125.3	3.5
A319-131	A	ARR_3.5	1	9	FULL_D	L	NULL	152.3	0	0
A319-131	A	ARR_3.5	1	10	NULL	B	V	1370.6	122.3	40
A319-131	A	ARR_3.5	1	11	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-19 A320-211

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A320-211	A	STANDARD	1	1	NULL	F	NULL	6000	250	3.5
A320-211	A	STANDARD	1	2	NULL	W	NULL	3000	250	16811
A320-211	A	STANDARD	1	3	NULL	W	NULL	3000	201.1	5547.9
A320-211	A	STANDARD	1	4	NULL	F	NULL	3000	182.2	3
A320-211	A	STANDARD	1	5	NULL	F	NULL	2614	173.7	3
A320-211	A	STANDARD	1	6	NULL	F	NULL	1942	141	3
A320-211	A	STANDARD	1	7	FULL_D	D	NULL	1823	132.6	3
A320-211	A	STANDARD	1	8	FULL_D	D	NULL	50	132.6	3
A320-211	A	STANDARD	1	9	FULL_D	L	NULL	303.5	0	0
A320-211	A	STANDARD	1	10	NULL	B	V	2731.6	129.6	40
A320-211	A	STANDARD	1	11	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A320-211	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	3.5
A320-211	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	16811
A320-211	A	ARR_3.5	1	3	NULL	W	NULL	4000	201.1	5547.9
A320-211	A	ARR_3.5	1	4	NULL	F	NULL	4000	182.2	3.5
A320-211	A	ARR_3.5	1	5	NULL	F	NULL	2614	173.7	3.5
A320-211	A	ARR_3.5	1	6	NULL	F	NULL	1942	141	3.5
A320-211	A	ARR_3.5	1	7	FULL_D	D	NULL	1823	132.6	3.5
A320-211	A	ARR_3.5	1	8	FULL_D	D	NULL	50	132.6	3.5
A320-211	A	ARR_3.5	1	9	FULL_D	L	NULL	303.5	0	0
A320-211	A	ARR_3.5	1	10	NULL	B	V	2731.6	129.6	40
A320-211	A	ARR_3.5	1	11	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-20 A320-232

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A320-232	A	STANDARD	1	1	NULL	F	NULL	6000	250	2.8
A320-232	A	STANDARD	1	2	NULL	W	NULL	3000	250	20003.3
A320-232	A	STANDARD	1	3	NULL	W	NULL	3000	198.7	4629.3
A320-232	A	STANDARD	1	4	NULL	F	NULL	3000	183.5	3
A320-232	A	STANDARD	1	5	NULL	F	NULL	2613	172.8	3
A320-232	A	STANDARD	1	6	NULL	F	NULL	2033	142.2	3
A320-232	A	STANDARD	1	7	FULL_D	D	NULL	1819	133.8	3
A320-232	A	STANDARD	1	8	FULL_D	D	NULL	50	133.8	3
A320-232	A	STANDARD	1	9	FULL_D	L	NULL	311	0	0
A320-232	A	STANDARD	1	10	NULL	B	V	2799.4	130.8	40
A320-232	A	STANDARD	1	11	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A320-232	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	2.8
A320-232	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	20003.3
A320-232	A	ARR_3.5	1	3	NULL	W	NULL	4000	198.7	4629.3
A320-232	A	ARR_3.5	1	4	NULL	F	NULL	4000	183.5	3.5
A320-232	A	ARR_3.5	1	5	NULL	F	NULL	2613	172.8	3.5
A320-232	A	ARR_3.5	1	6	NULL	F	NULL	2033	142.2	3.5
A320-232	A	ARR_3.5	1	7	FULL_D	D	NULL	1819	133.8	3.5
A320-232	A	ARR_3.5	1	8	FULL_D	D	NULL	50	133.8	3.5
A320-232	A	ARR_3.5	1	9	FULL_D	L	NULL	311	0	0
A320-232	A	ARR_3.5	1	10	NULL	B	V	2799.4	130.8	40
A320-232	A	ARR_3.5	1	11	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-21 A321-232

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A321-232	A	STANDARD	1	1	NULL	F	NULL	6000	250	3.1
A321-232	A	STANDARD	1	2	NULL	W	NULL	3000	250	14717.8
A321-232	A	STANDARD	1	3	NULL	W	NULL	3000	211.2	6135.2
A321-232	A	STANDARD	1	4	NULL	F	NULL	3000	191.6	3
A321-232	A	STANDARD	1	5	NULL	F	NULL	2530	175.2	3
A321-232	A	STANDARD	1	6	NULL	F	NULL	2133	149.8	3
A321-232	A	STANDARD	1	7	FULL_D	D	NULL	2003	138.5	3
A321-232	A	STANDARD	1	8	FULL_D	D	NULL	50	138.5	3
A321-232	A	STANDARD	1	9	FULL_D	L	NULL	345.2	0	0
A321-232	A	STANDARD	1	10	NULL	B	V	3106.8	135.5	40
A321-232	A	STANDARD	1	11	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A321-232	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	3.1
A321-232	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	14717.8
A321-232	A	ARR_3.5	1	3	NULL	W	NULL	4000	211.2	6135.2
A321-232	A	ARR_3.5	1	4	NULL	F	NULL	4000	191.6	3.5
A321-232	A	ARR_3.5	1	5	NULL	F	NULL	2530	175.2	3.5
A321-232	A	ARR_3.5	1	6	NULL	F	NULL	2133	149.8	3.5
A321-232	A	ARR_3.5	1	7	FULL_D	D	NULL	2003	138.5	3.5
A321-232	A	ARR_3.5	1	8	FULL_D	D	NULL	50	138.5	3.5
A321-232	A	ARR_3.5	1	9	FULL_D	L	NULL	345.2	0	0
A321-232	A	ARR_3.5	1	10	NULL	B	V	3106.8	135.5	40
A321-232	A	ARR_3.5	1	11	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-22 A330-301

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A330-301	A	STANDARD	1	1	NULL	F	NULL	6000	250	3.1
A330-301	A	STANDARD	1	2	NULL	W	NULL	3000	250	19547.2
A330-301	A	STANDARD	1	3	NULL	W	NULL	3000	200.9	10029.5
A330-301	A	STANDARD	1	4	NULL	F	NULL	3000	166	3
A330-301	A	STANDARD	1	5	NULL	F	NULL	2547	154	3
A330-301	A	STANDARD	1	6	NULL	F	NULL	2292	140.5	3
A330-301	A	STANDARD	1	7	FULL_D	D	NULL	2144	130.9	3
A330-301	A	STANDARD	1	8	FULL_D	D	NULL	50	130.9	3
A330-301	A	STANDARD	1	9	FULL_D	L	NULL	210.4	0	0
A330-301	A	STANDARD	1	10	NULL	B	V	1893.8	127.9	10
A330-301	A	STANDARD	1	11	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A330-301	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	3.1
A330-301	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	19547.2
A330-301	A	ARR_3.5	1	3	NULL	W	NULL	4000	200.9	10029.5
A330-301	A	ARR_3.5	1	4	NULL	F	NULL	4000	166	3.5
A330-301	A	ARR_3.5	1	5	NULL	F	NULL	2547	154	3.5
A330-301	A	ARR_3.5	1	6	NULL	F	NULL	2292	140.5	3.5
A330-301	A	ARR_3.5	1	7	FULL_D	D	NULL	2144	130.9	3.5
A330-301	A	ARR_3.5	1	8	FULL_D	D	NULL	50	130.9	3.5

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-23 A330-343

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A330-343	A	STANDARD	1	1	NULL	F	NULL	6000	250	2.4
A330-343	A	STANDARD	1	2	NULL	W	NULL	3000	250	20711.9
A330-343	A	STANDARD	1	3	NULL	W	NULL	3000	207.9	11430.4
A330-343	A	STANDARD	1	4	NULL	F	NULL	3000	174.4	3
A330-343	A	STANDARD	1	5	NULL	F	NULL	2517	165	3
A330-343	A	STANDARD	1	6	NULL	F	NULL	2431	161.7	3
A330-343	A	STANDARD	1	7	NULL	F	NULL	2113	146.6	3
A330-343	A	STANDARD	1	8	FULL_D	D	NULL	1938	135.5	3
A330-343	A	STANDARD	1	9	FULL_D	D	NULL	50	135.5	3
A330-343	A	STANDARD	1	10	FULL_D	L	NULL	378	0	0
A330-343	A	STANDARD	1	11	NULL	B	V	3402.6	132.5	10
A330-343	A	STANDARD	1	12	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A330-343	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	2.4
A330-343	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	20711.9
A330-343	A	ARR_3.5	1	3	NULL	W	NULL	4000	207.9	11430.4
A330-343	A	ARR_3.5	1	4	NULL	F	NULL	4000	174.4	3.5
A330-343	A	ARR_3.5	1	5	NULL	F	NULL	2517	165	3.5
A330-343	A	ARR_3.5	1	6	NULL	F	NULL	2431	161.7	3.5
A330-343	A	ARR_3.5	1	7	NULL	F	NULL	2113	146.6	3.5
A330-343	A	ARR_3.5	1	8	FULL_D	D	NULL	1938	135.5	3.5
A330-343	A	ARR_3.5	1	9	FULL_D	D	NULL	50	135.5	3.5
A330-343	A	ARR_3.5	1	10	FULL_D	L	NULL	378	0	0
A330-343	A	ARR_3.5	1	11	NULL	B	V	3402.6	132.5	10
A330-343	A	ARR_3.5	1	12	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-24 A340-211

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A340-211	A	STANDARD	1	1	NULL	F	NULL	6000	250	3.3
A340-211	A	STANDARD	1	2	NULL	W	NULL	3000	250	14038.7
A340-211	A	STANDARD	1	3	NULL	W	NULL	3000	212.7	10866.1
A340-211	A	STANDARD	1	4	NULL	F	NULL	3000	175.6	3
A340-211	A	STANDARD	1	5	NULL	F	NULL	2471	160.3	3
A340-211	A	STANDARD	1	6	NULL	F	NULL	2336	153.8	3
A340-211	A	STANDARD	1	7	NULL	F	NULL	2066	138.5	3
A340-211	A	STANDARD	1	8	FULL_D	D	NULL	1976	132.1	3
A340-211	A	STANDARD	1	9	FULL_D	D	NULL	50	132.1	3
A340-211	A	STANDARD	1	10	FULL_D	L	NULL	381.8	0	0
A340-211	A	STANDARD	1	11	NULL	B	V	3436.6	129.1	10
A340-211	A	STANDARD	1	12	NULL	B	V	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
A340-211	A	ARR_3.5	1	1	NULL	F	NULL	6000	250	3.3
A340-211	A	ARR_3.5	1	2	NULL	W	NULL	4000	250	14038.7
A340-211	A	ARR_3.5	1	3	NULL	W	NULL	4000	212.7	10866.1
A340-211	A	ARR_3.5	1	4	NULL	F	NULL	4000	175.6	3.5
A340-211	A	ARR_3.5	1	5	NULL	F	NULL	2471	160.3	3.5
A340-211	A	ARR_3.5	1	6	NULL	F	NULL	2336	153.8	3.5
A340-211	A	ARR_3.5	1	7	NULL	F	NULL	2066	138.5	3.5
A340-211	A	ARR_3.5	1	8	FULL_D	D	NULL	1976	132.1	3.5
A340-211	A	ARR_3.5	1	9	FULL_D	D	NULL	50	132.1	3.5
A340-211	A	ARR_3.5	1	10	FULL_D	L	NULL	381.8	0	0
A340-211	A	ARR_3.5	1	11	NULL	B	V	3436.6	129.1	10
A340-211	A	ARR_3.5	1	12	NULL	B	V	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-25 BD-700-1A10

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
BD-700-1A10	A	STANDARD	1	1	-214796	10000	171.0501	289	A
BD-700-1A10	A	STANDARD	1	2	-81255	3000	154.5198	-55	A
BD-700-1A10	A	STANDARD	1	3	-71734	3000	138.5228	37	A
BD-700-1A10	A	STANDARD	1	4	-69043	3000	133.3089	68	A
BD-700-1A10	A	STANDARD	1	5	-67192	3000	129.1023	92	A
BD-700-1A10	A	STANDARD	1	6	-64355	3000	122.2887	130	A
BD-700-1A10	A	STANDARD	1	7	-62044	3000	112.2757	184	A
BD-700-1A10	A	STANDARD	1	8	-60600	3000	99.53731	804	A
BD-700-1A10	A	STANDARD	1	9	-57359	3000	81.76279	3337	A
BD-700-1A10	A	STANDARD	1	10	-1031	50	78.32638	3001	A
BD-700-1A10	A	STANDARD	1	11	0	0	78.32638	3001	A
BD-700-1A10	A	STANDARD	1	12	1607	0	126.1398	1475	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
BD-700-1A10	A	ARR_3.5	1	1	-177873	10000	171.0501	289	A
BD-700-1A10	A	ARR_3.5	1	2	-79774	4000	150	-55	A
BD-700-1A10	A	ARR_3.5	1	3	-77083	4000	144.7861	37	A
BD-700-1A10	A	ARR_3.5	1	4	-75232	4000	140.5795	68	A
BD-700-1A10	A	ARR_3.5	1	5	-72395	4000	133.7659	92	A
BD-700-1A10	A	ARR_3.5	1	6	-70084	4000	123.753	130	A
BD-700-1A10	A	ARR_3.5	1	7	-68640	4000	111.0146	184	A
BD-700-1A10	A	ARR_3.5	1	8	-65399	4000	93.24003	804	A
BD-700-1A10	A	ARR_3.5	1	9	-49049	3000	81.76279	3337	A
BD-700-1A10	A	ARR_3.5	1	10	-817	50	78.32638	3001	A
BD-700-1A10	A	ARR_3.5	1	11	0	0	78.32638	3001	A
BD-700-1A10	A	ARR_3.5	1	12	1607	0	126.1398	1475	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-26 BD-700-1A11

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
BD-700-1A11	A	STANDARD	1	1	-214796	10000	171.0501	289	A
BD-700-1A11	A	STANDARD	1	2	-81255	3000	154.5198	-55	A
BD-700-1A11	A	STANDARD	1	3	-71734	3000	138.5228	37	A
BD-700-1A11	A	STANDARD	1	4	-69043	3000	133.3089	68	A
BD-700-1A11	A	STANDARD	1	5	-67192	3000	129.1023	92	A
BD-700-1A11	A	STANDARD	1	6	-64355	3000	122.2887	130	A
BD-700-1A11	A	STANDARD	1	7	-62044	3000	112.2757	184	A
BD-700-1A11	A	STANDARD	1	8	-60600	3000	99.53731	804	A
BD-700-1A11	A	STANDARD	1	9	-57359	3000	81.76279	3337	A
BD-700-1A11	A	STANDARD	1	10	-1031	50	78.32638	3001	A
BD-700-1A11	A	STANDARD	1	11	0	0	0	0	A
BD-700-1A11	A	STANDARD	1	12	1607	0	126.1398	0	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
BD-700-1A11	A	ARR_3.5	1	1	-177873	10000	171.0501	289	A
BD-700-1A11	A	ARR_3.5	1	2	-79774	4000	150	-55	A
BD-700-1A11	A	ARR_3.5	1	3	-77083	4000	144.7861	37	A
BD-700-1A11	A	ARR_3.5	1	4	-75232	4000	140.5795	68	A
BD-700-1A11	A	ARR_3.5	1	5	-72395	4000	133.7659	92	A
BD-700-1A11	A	ARR_3.5	1	6	-70084	4000	123.753	130	A
BD-700-1A11	A	ARR_3.5	1	7	-68640	4000	111.0146	184	A
BD-700-1A11	A	ARR_3.5	1	8	-65399	4000	93.24003	804	A
BD-700-1A11	A	ARR_3.5	1	9	-49049	3000	81.76279	3337	A
BD-700-1A11	A	ARR_3.5	1	10	-817	50	78.32638	3001	A
BD-700-1A11	A	ARR_3.5	1	11	0	0	0	0	A
BD-700-1A11	A	ARR_3.5	1	12	1607	0	126.1398	0	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-27 BEC58P

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
BEC58P	A	STANDARD	1	1	ZERO	D		6000	130	3
BEC58P	A	STANDARD	1	2	TO	D		3000	119	3
BEC58P	A	STANDARD	1	3	D-15	D		1500	109	3
BEC58P	A	STANDARD	1	4	D-30	D		1000	99	3
BEC58P	A	STANDARD	1	5	D-30	L		188.8	99	0
BEC58P	A	STANDARD	1	6	NULL	B	V	1699.2	93.9	40
BEC58P	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
BEC58P	A	ARR_3.5	1	1	ZERO	D		6000	130	3.5
BEC58P	A	ARR_3.5	1	2	TO	D		3000	119	3.5
BEC58P	A	ARR_3.5	1	3	D-15	D		1500	109	3.5
BEC58P	A	ARR_3.5	1	4	D-30	D		1000	99	3.5
BEC58P	A	ARR_3.5	1	5	D-30	L		188.8	99	0
BEC58P	A	ARR_3.5	1	6	NULL	B	V	1699.2	93.9	40
BEC58P	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-28 CIT3

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CIT3	A	STANDARD	1	1	ZERO	D		6000	250	3
CIT3	A	STANDARD	1	2	10	D		3000	139.5	3
CIT3	A	STANDARD	1	3	D-INTR	D		1500	129.5	3
CIT3	A	STANDARD	1	4	D-40	D		1000	119.5	3
CIT3	A	STANDARD	1	5	D-40	L		153.9	119.5	0
CIT3	A	STANDARD	1	6	NULL	B	V	1385.1	113.4	40
CIT3	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CIT3	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
CIT3	A	ARR_3.5	1	2	10	D		3000	139.5	3.5
CIT3	A	ARR_3.5	1	3	D-INTR	D		1500	129.5	3.5
CIT3	A	ARR_3.5	1	4	D-40	D		1000	119.5	3.5
CIT3	A	ARR_3.5	1	5	D-40	L		153.9	119.5	0
CIT3	A	ARR_3.5	1	6	NULL	B	V	1385.1	113.4	40
CIT3	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-29 CL600

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CL600	A	STANDARD	1	1	ZERO	D		6000	250	3
CL600	A	STANDARD	1	2	10	D		3000	152.1	3
CL600	A	STANDARD	1	3	D-INTR	D		1500	142.1	3
CL600	A	STANDARD	1	4	D-45	D		1000	132.1	3
CL600	A	STANDARD	1	5	D-45	L		201.6	132.1	0
CL600	A	STANDARD	1	6	NULL	B	V	1814.4	125.3	40
CL600	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CL600	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
CL600	A	ARR_3.5	1	2	10	D		3000	152.1	3.5
CL600	A	ARR_3.5	1	3	D-INTR	D		1500	142.1	3.5
CL600	A	ARR_3.5	1	4	D-45	D		1000	132.1	3.5
CL600	A	ARR_3.5	1	5	D-45	L		201.6	132.1	0
CL600	A	ARR_3.5	1	6	NULL	B	V	1814.4	125.3	40
CL600	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-30 CL601

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CL601	A	STANDARD	1	1	ZERO	D		6000	250	3
CL601	A	STANDARD	1	2	10	D		3000	158.5	3
CL601	A	STANDARD	1	3	D-INTR	D		1500	148.5	3
CL601	A	STANDARD	1	4	D-45	D		1000	138.5	3
CL601	A	STANDARD	1	5	D-45	L		224.1	138.5	0
CL601	A	STANDARD	1	6	NULL	B	V	2016.9	131.4	40
CL601	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CL601	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
CL601	A	ARR_3.5	1	2	10	D		3000	158.5	3.5
CL601	A	ARR_3.5	1	3	D-INTR	D		1500	148.5	3.5
CL601	A	ARR_3.5	1	4	D-45	D		1000	138.5	3.5
CL601	A	ARR_3.5	1	5	D-45	L		224.1	138.5	0
CL601	A	ARR_3.5	1	6	NULL	B	V	2016.9	131.4	40
CL601	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-31 CNA172

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA172	A	STANDARD	1	1	ZERO-D	D		6000	100	3
CNA172	A	STANDARD	1	2	ZERO-D	D		4000	100	3
CNA172	A	STANDARD	1	3	ZERO-D	D		3000	80	3
CNA172	A	STANDARD	1	4	10-D	D		1000	80	3
CNA172	A	STANDARD	1	5	10-D	D		600	80	3
CNA172	A	STANDARD	1	6	10-D	D		500	70	3
CNA172	A	STANDARD	1	7	10-D	L		30	0	0
CNA172	A	STANDARD	1	8	30-D	B	L	530	62	10
CNA172	A	STANDARD	1	9	NULL	B	L	0	10	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA172	A	ARR_3.5	1	1	ZERO-D	D		6000	100	3.5
CNA172	A	ARR_3.5	1	2	ZERO-D	D		4000	100	3.5
CNA172	A	ARR_3.5	1	3	ZERO-D	D		3000	80	3.5
CNA172	A	ARR_3.5	1	4	10-D	D		1000	80	3.5
CNA172	A	ARR_3.5	1	5	10-D	D		600	80	3.5
CNA172	A	ARR_3.5	1	6	10-D	D		500	70	3.5
CNA172	A	ARR_3.5	1	7	10-D	L		30	0	0
CNA172	A	ARR_3.5	1	8	30-D	B	L	530	62	10
CNA172	A	ARR_3.5	1	9	NULL	B	L	0	10	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-32 CNA182

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA182	A	STANDARD	1	1	ZERO-A	D	NULL	6000	110	3
CNA182	A	STANDARD	1	2	ZERO-A	D	NULL	4000	90	3
CNA182	A	STANDARD	1	3	ZERO-A	D	NULL	2000	70	3
CNA182	A	STANDARD	1	4	F10APP	D	NULL	1000	70	3
CNA182	A	STANDARD	1	5	F30APP	D	NULL	500	65	3
CNA182	A	STANDARD	1	6	F30APP	L	NULL	30	0	0
CNA182	A	STANDARD	1	7	F30APP	B	L	560	65	10
CNA182	A	STANDARD	1	8	NULL	B	L	0	10	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA182	A	ARR_3.5	1	1	ZERO-A	D	NULL	6000	110	3.5
CNA182	A	ARR_3.5	1	2	ZERO-A	D	NULL	4000	90	3.5
CNA182	A	ARR_3.5	1	3	ZERO-A	D	NULL	2000	70	3.5
CNA182	A	ARR_3.5	1	4	F10APP	D	NULL	1000	70	3.5
CNA182	A	ARR_3.5	1	5	F30APP	D	NULL	500	65	3.5
CNA182	A	ARR_3.5	1	6	F30APP	L	NULL	30	0	0
CNA182	A	ARR_3.5	1	7	F30APP	B	L	560	65	10
CNA182	A	ARR_3.5	1	8	NULL	B	L	0	10	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-33 CNA206

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
CNA206	A	STANDARD	1	1	-114487	6000	131.3	2400	A
CNA206	A	STANDARD	1	2	-76324.5	4000	127.3	2400	A
CNA206	A	STANDARD	1	3	-57243.4	3000	104.5	2400	A
CNA206	A	STANDARD	1	4	-19081.1	1000	91.3	2400	A
CNA206	A	STANDARD	1	5	-15264.9	800	91.1	2400	A
CNA206	A	STANDARD	1	6	-7632.5	400	75.4	2400	A
CNA206	A	STANDARD	1	7	0	0	74.3	2400	A
CNA206	A	STANDARD	1	8	73.8	0	67	1000	A
CNA206	A	STANDARD	1	9	738	0	10	1000	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
CNA206	A	ARR_3.5	1	1	-98100	6000	131.3	2400	A
CNA206	A	ARR_3.5	1	2	-65400	4000	127.3	2400	A
CNA206	A	ARR_3.5	1	3	-49050	3000	104.5	2400	A
CNA206	A	ARR_3.5	1	4	-16350	1000	91.3	2400	A
CNA206	A	ARR_3.5	1	5	-13080	800	91.1	2400	A
CNA206	A	ARR_3.5	1	6	-6540	400	75.4	2400	A
CNA206	A	ARR_3.5	1	7	0	0	74.3	2400	A
CNA206	A	ARR_3.5	1	8	73.8	0	67	1000	A
CNA206	A	ARR_3.5	1	9	738	0	10	1000	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-34 CNA208

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA208	A	STANDARD	1	1	ZERO-A	D	NULL	6000	140	3
CNA208	A	STANDARD	1	2	ZERO-A	D	NULL	4000	124	3
CNA208	A	STANDARD	1	3	ZERO-A	D	NULL	2000	108	3
CNA208	A	STANDARD	1	4	F30APP	D	NULL	1000	100	3
CNA208	A	STANDARD	1	5	F30APP	D	NULL	500	80	3
CNA208	A	STANDARD	1	6	F30APP	L	NULL	100	0	0
CNA208	A	STANDARD	1	7	F30APP	B	L	815	78	10
CNA208	A	STANDARD	1	8	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA208	A	ARR_3.5	1	1	ZERO-A	D	NULL	6000	140	3.5
CNA208	A	ARR_3.5	1	2	ZERO-A	D	NULL	4000	124	3.5
CNA208	A	ARR_3.5	1	3	ZERO-A	D	NULL	2000	108	3.5
CNA208	A	ARR_3.5	1	4	F30APP	D	NULL	1000	100	3.5
CNA208	A	ARR_3.5	1	5	F30APP	D	NULL	500	80	3.5
CNA208	A	ARR_3.5	1	6	F30APP	L	NULL	100	0	0
CNA208	A	ARR_3.5	1	7	F30APP	B	L	815	78	10
CNA208	A	ARR_3.5	1	8	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-35 CNA20T

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
CNA20T	A	STANDARD	1	1	-114487	6000	131.3	1900	A
CNA20T	A	STANDARD	1	2	-76324.5	4000	127.3	1900	A
CNA20T	A	STANDARD	1	3	-57243.4	3000	104.5	1900	A
CNA20T	A	STANDARD	1	4	-19081.1	1000	91.3	1900	A
CNA20T	A	STANDARD	1	5	-15264.9	800	91.1	1900	A
CNA20T	A	STANDARD	1	6	-7632.5	400	75.4	1900	A
CNA20T	A	STANDARD	1	7	0	0	75.4	1900	A
CNA20T	A	STANDARD	1	8	73.8	0	67	1000	A
CNA20T	A	STANDARD	1	9	738	0	10	1000	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
CNA20T	A	ARR_3.5	1	1	-98100	6000	131.3	1900	A
CNA20T	A	ARR_3.5	1	2	-65400	4000	127.3	1900	A
CNA20T	A	ARR_3.5	1	3	-49050	3000	104.5	1900	A
CNA20T	A	ARR_3.5	1	4	-16350	1000	91.3	1900	A
CNA20T	A	ARR_3.5	1	5	-13080	800	91.1	1900	A
CNA20T	A	ARR_3.5	1	6	-6540	400	75.4	1900	A
CNA20T	A	ARR_3.5	1	7	0	0	75.4	1900	A
CNA20T	A	ARR_3.5	1	8	73.8	0	67	1000	A
CNA20T	A	ARR_3.5	1	9	738	0	10	1000	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-36 CNA441

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA441	A	STANDARD	1	1	ZERO	D		6000	160	3
CNA441	A	STANDARD	1	2	TO	D		3000	113.9	3
CNA441	A	STANDARD	1	3	D-INTR	D		1500	103.9	3
CNA441	A	STANDARD	1	4	D-L	D		1000	93.9	3
CNA441	A	STANDARD	1	5	D-L	L		79.1	93.9	0
CNA441	A	STANDARD	1	6	NULL	B	V	711.9	89.1	40
CNA441	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA441	A	ARR_3.5	1	1	ZERO	D		6000	160	3.5
CNA441	A	ARR_3.5	1	2	TO	D		3000	113.9	3.5
CNA441	A	ARR_3.5	1	3	D-INTR	D		1500	103.9	3.5
CNA441	A	ARR_3.5	1	4	D-L	D		1000	93.9	3.5
CNA441	A	ARR_3.5	1	5	D-L	L		79.1	93.9	0
CNA441	A	ARR_3.5	1	6	NULL	B	V	711.9	89.1	40
CNA441	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-37 CNA500

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA500	A	STANDARD	1	1	ZERO	D		6000	250	3
CNA500	A	STANDARD	1	2	1	D		3000	131.3	3
CNA500	A	STANDARD	1	3	D-INTR	D		1500	121.3	3
CNA500	A	STANDARD	1	4	D-35	D		1000	111.3	3
CNA500	A	STANDARD	1	5	D-35	L		179.1	111.3	0
CNA500	A	STANDARD	1	6	NULL	B	V	1611.9	105.6	40
CNA500	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA500	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
CNA500	A	ARR_3.5	1	2	1	D		3000	131.3	3.5
CNA500	A	ARR_3.5	1	3	D-INTR	D		1500	121.3	3.5
CNA500	A	ARR_3.5	1	4	D-35	D		1000	111.3	3.5
CNA500	A	ARR_3.5	1	5	D-35	L		179.1	111.3	0
CNA500	A	ARR_3.5	1	6	NULL	B	V	1611.9	105.6	40
CNA500	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-38 CNA510

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA510	A	STANDARD	1	1	ZERO_C	D	NULL	6000	250	3
CNA510	A	STANDARD	1	2	ZERO_C	D	NULL	3000	160	3
CNA510	A	STANDARD	1	3	A_15	D	NULL	1500	91.1	3
CNA510	A	STANDARD	1	4	A_35	D	NULL	1000	85.1	3
CNA510	A	STANDARD	1	5	A_35	L	NULL	175.5	0	0
CNA510	A	STANDARD	1	6	A_35	B	V	1579.5	78.1	40
CNA510	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA510	A	ARR_3.5	1	1	ZERO_C	D	NULL	6000	250	3.5
CNA510	A	ARR_3.5	1	2	ZERO_C	D	NULL	3000	160	3.5
CNA510	A	ARR_3.5	1	3	A_15	D	NULL	1500	91.1	3.5
CNA510	A	ARR_3.5	1	4	A_35	D	NULL	1000	85.1	3.5
CNA510	A	ARR_3.5	1	5	A_35	L	NULL	175.5	0	0
CNA510	A	ARR_3.5	1	6	A_35	B	V	1579.5	78.1	40
CNA510	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-39 CNA525C

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA525C	A	STANDARD	1	1	ZERO_C	D	V	6000	250	3
CNA525C	A	STANDARD	1	2	ZERO_C	D	NULL	3000	130	3
CNA525C	A	STANDARD	1	3	A_15	D	NULL	1500	119.7	3
CNA525C	A	STANDARD	1	4	A_35	D	NULL	1000	111.8	3
CNA525C	A	STANDARD	1	5	A_35	L	NULL	200	0	0
CNA525C	A	STANDARD	1	6	A_35	B	V	1500	115	40
CNA525C	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA525C	A	ARR_3.5	1	1	ZERO_C	D	V	6000	250	3.5
CNA525C	A	ARR_3.5	1	2	ZERO_C	D	NULL	3000	130	3.5
CNA525C	A	ARR_3.5	1	3	A_15	D	NULL	1500	119.7	3.5
CNA525C	A	ARR_3.5	1	4	A_35	D	NULL	1000	111.8	3.5
CNA525C	A	ARR_3.5	1	5	A_35	L	NULL	200	0	0
CNA525C	A	ARR_3.5	1	6	A_35	B	V	1500	115	40
CNA525C	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-40 CNA55B

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA55B	A	STANDARD	1	1	ZERO_C	D		6000	250	3
CNA55B	A	STANDARD	1	2	ZERO_C	D		3000	160	3
CNA55B	A	STANDARD	1	3	A_15	D		1500	111.8	3
CNA55B	A	STANDARD	1	4	A_35	D		1000	105.3	3
CNA55B	A	STANDARD	1	5	A_35	L		175.5	0	0
CNA55B	A	STANDARD	1	6	A_35	B	V	1580	100	40
CNA55B	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA55B	A	ARR_3.5	1	1	ZERO_C	D		6000	250	3.5
CNA55B	A	ARR_3.5	1	2	ZERO_C	D		3000	160	3.5
CNA55B	A	ARR_3.5	1	3	A_15	D		1500	111.8	3.5
CNA55B	A	ARR_3.5	1	4	A_35	D		1000	105.3	3.5
CNA55B	A	ARR_3.5	1	5	A_35	L		175.5	0	0
CNA55B	A	ARR_3.5	1	6	A_35	B	V	1580	100	40
CNA55B	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-41 CNA560U

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA560U	A	STANDARD	1	1	ZERO	D	NULL	6000	250	3
CNA560U	A	STANDARD	1	2	7	D	NULL	3000	120	3
CNA560U	A	STANDARD	1	3	D 15	D	NULL	1500	110	3
CNA560U	A	STANDARD	1	4	D 35	D	NULL	1000	101.8	3
CNA560U	A	STANDARD	1	5	D 35	L	NULL	175	0	0
CNA560U	A	STANDARD	1	6	NULL	B	L	1385.1	93	60
CNA560U	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA560U	A	ARR_3.5	1	1	ZERO	D	NULL	6000	250	3.5
CNA560U	A	ARR_3.5	1	2	7	D	NULL	3000	120	3.5
CNA560U	A	ARR_3.5	1	3	D 15	D	NULL	1500	110	3.5
CNA560U	A	ARR_3.5	1	4	D 35	D	NULL	1000	101.8	3.5
CNA560U	A	ARR_3.5	1	5	D 35	L	NULL	175	0	0
CNA560U	A	ARR_3.5	1	6	NULL	B	L	1385.1	93	60
CNA560U	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-42 CNA560XL

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA560XL	A	STANDARD	1	1	ZERO	D	NULL	6000	250	3
CNA560XL	A	STANDARD	1	2	ZERO	D	NULL	3000	132	3
CNA560XL	A	STANDARD	1	3	D 15U	D	NULL	1500	122	3
CNA560XL	A	STANDARD	1	4	D 35D	D	NULL	1000	112	3
CNA560XL	A	STANDARD	1	5	D 35D	L	NULL	500	0	0
CNA560XL	A	STANDARD	1	6	D 35D	B	L	2700	108	60
CNA560XL	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA560XL	A	ARR_3.5	1	1	ZERO	D	NULL	6000	250	3.5
CNA560XL	A	ARR_3.5	1	2	ZERO	D	NULL	3000	132	3.5
CNA560XL	A	ARR_3.5	1	3	D 15U	D	NULL	1500	122	3.5
CNA560XL	A	ARR_3.5	1	4	D 35D	D	NULL	1000	112	3.5
CNA560XL	A	ARR_3.5	1	5	D 35D	L	NULL	500	0	0
CNA560XL	A	ARR_3.5	1	6	D 35D	B	L	2700	108	60
CNA560XL	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-43 CNA680

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA680	A	STANDARD	1	1	ZERO	D	NULL	6000	250	3
CNA680	A	STANDARD	1	2	ZERO	D	NULL	3000	160	3
CNA680	A	STANDARD	1	3	15 GU	D	NULL	1500	112	3
CNA680	A	STANDARD	1	4	35 GD	D	NULL	1000	105	3
CNA680	A	STANDARD	1	5	35 GD	L	NULL	200	0	0
CNA680	A	STANDARD	1	6	35 GD	B	L	1580	100	60
CNA680	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA680	A	ARR_3.5	1	1	ZERO	D	NULL	6000	250	3.5
CNA680	A	ARR_3.5	1	2	ZERO	D	NULL	3000	160	3.5
CNA680	A	ARR_3.5	1	3	15 GU	D	NULL	1500	112	3.5
CNA680	A	ARR_3.5	1	4	35 GD	D	NULL	1000	105	3.5
CNA680	A	ARR_3.5	1	5	35 GD	L	NULL	200	0	0
CNA680	A	ARR_3.5	1	6	35 GD	B	L	1580	100	60
CNA680	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-44 CNA750

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA750	A	STANDARD	1	1	ZERO	D		6000	250	3
CNA750	A	STANDARD	1	2	15_GU	D		3000	127.4	3
CNA750	A	STANDARD	1	3	35_GD	D		1500	120.9	3
CNA750	A	STANDARD	1	4	35_GD	D		1000	120.9	3
CNA750	A	STANDARD	1	5	35_GD	L		200	0	0
CNA750	A	STANDARD	1	6	35_GD	B	V	1500	115	40
CNA750	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CNA750	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
CNA750	A	ARR_3.5	1	2	15_GU	D		3000	127.4	3.5
CNA750	A	ARR_3.5	1	3	35_GD	D		1500	120.9	3.5
CNA750	A	ARR_3.5	1	4	35_GD	D		1000	120.9	3.5
CNA750	A	ARR_3.5	1	5	35_GD	L		200	0	0
CNA750	A	ARR_3.5	1	6	35_GD	B	V	1500	115	40
CNA750	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-45 COMSEP

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
COMSEP	A	STANDARD	1	1	ZERO	D		6000	110	3
COMSEP	A	STANDARD	1	2	UP	D		3000	68.8	3
COMSEP	A	STANDARD	1	3	D-40	D		1500	58.8	3
COMSEP	A	STANDARD	1	4	D-40	D		1000	58.8	3
COMSEP	A	STANDARD	1	5	D-40	L		46.8	58.8	0
COMSEP	A	STANDARD	1	6	NULL	B	V	421.2	55.8	29.3
COMSEP	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
COMSEP	A	ARR_3.5	1	1	ZERO	D		6000	110	3.5
COMSEP	A	ARR_3.5	1	2	UP	D		3000	68.8	3.5
COMSEP	A	ARR_3.5	1	3	D-40	D		1500	58.8	3.5
COMSEP	A	ARR_3.5	1	4	D-40	D		1000	58.8	3.5
COMSEP	A	ARR_3.5	1	5	D-40	L		46.8	58.8	0
COMSEP	A	ARR_3.5	1	6	NULL	B	V	421.2	55.8	29.3
COMSEP	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-46 CRJ9-ER

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CRJ9-ER	A	STANDARD	1	1	ZERO	D	NULL	6000	250	3
CRJ9-ER	A	STANDARD	1	2	20	D	NULL	3500	170	3
CRJ9-ER	A	STANDARD	1	3	U-45	D	NULL	1500	160	3
CRJ9-ER	A	STANDARD	1	4	D-45	D	NULL	1000	140	3
CRJ9-ER	A	STANDARD	1	5	D-45	L	NULL	415.8	0	0
CRJ9-ER	A	STANDARD	1	6	D-45	B	L	2528	143	10
CRJ9-ER	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
CRJ9-ER	A	ARR_3.5	1	1	ZERO	D	NULL	6000	250	3.5
CRJ9-ER	A	ARR_3.5	1	2	20	D	NULL	3500	170	3.5
CRJ9-ER	A	ARR_3.5	1	3	U-45	D	NULL	1500	160	3.5
CRJ9-ER	A	ARR_3.5	1	4	D-45	D	NULL	1000	140	3.5
CRJ9-ER	A	ARR_3.5	1	5	D-45	L	NULL	415.8	0	0
CRJ9-ER	A	ARR_3.5	1	6	D-45	B	L	2528	143	10
CRJ9-ER	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-47 DC1030

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DC1030	A	STANDARD	1	1	ZERO	D		6000	250	3
DC1030	A	STANDARD	1	2	INT2	D		3000	172.6	3
DC1030	A	STANDARD	1	3	U-20	D		1500	162.6	3
DC1030	A	STANDARD	1	4	D-35	D		1000	152.6	3
DC1030	A	STANDARD	1	5	D-35	L		392.2	152.6	0
DC1030	A	STANDARD	1	6	NULL	B	V	3529.8	144.8	10
DC1030	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DC1030	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
DC1030	A	ARR_3.5	1	2	INT2	D		3000	172.6	3.5
DC1030	A	ARR_3.5	1	3	U-20	D		1500	162.6	3.5
DC1030	A	ARR_3.5	1	4	D-35	D		1000	152.6	3.5
DC1030	A	ARR_3.5	1	5	D-35	L		392.2	152.6	0
DC1030	A	ARR_3.5	1	6	NULL	B	V	3529.8	144.8	10
DC1030	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-48 DC870

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DC870	A	STANDARD	1	1	ZERO	D		6000	250	3
DC870	A	STANDARD	1	2	INT	D		3000	166.7	3
DC870	A	STANDARD	1	3	D-35	D		1500	150.8	3
DC870	A	STANDARD	1	4	D-50	D		1000	146.7	3
DC870	A	STANDARD	1	5	D-50	L		489.6	146.7	0
DC870	A	STANDARD	1	6	NULL	B	V	4406.4	139.2	40
DC870	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DC870	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
DC870	A	ARR_3.5	1	2	INT	D		3000	166.7	3.5
DC870	A	ARR_3.5	1	3	D-35	D		1500	150.8	3.5
DC870	A	ARR_3.5	1	4	D-50	D		1000	146.7	3.5
DC870	A	ARR_3.5	1	5	D-50	L		489.6	146.7	0
DC870	A	ARR_3.5	1	6	NULL	B	V	4406.4	139.2	40
DC870	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-49 DHC6

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DHC6	A	STANDARD	1	1	ZERO	D		6000	120	3
DHC6	A	STANDARD	1	2	INTR	D		3000	80.7	3
DHC6	A	STANDARD	1	3	D-INTR	D		1500	70.7	3
DHC6	A	STANDARD	1	4	D-L	D		1000	60.7	3
DHC6	A	STANDARD	1	5	D-L	L		39.6	60.7	0
DHC6	A	STANDARD	1	6	NULL	B	V	356.4	57.6	40
DHC6	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DHC6	A	ARR_3.5	1	1	ZERO	D		6000	120	3.5
DHC6	A	ARR_3.5	1	2	INTR	D		3000	80.7	3.5
DHC6	A	ARR_3.5	1	3	D-INTR	D		1500	70.7	3.5
DHC6	A	ARR_3.5	1	4	D-L	D		1000	60.7	3.5
DHC6	A	ARR_3.5	1	5	D-L	L		39.6	60.7	0
DHC6	A	ARR_3.5	1	6	NULL	B	V	356.4	57.6	40
DHC6	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-50 DHC8

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DHC8	A	STANDARD	1	1	ZERO	D		6000	165	3
DHC8	A	STANDARD	1	2	5	D		3000	109	3
DHC8	A	STANDARD	1	3	D-15	D		1500	96	3
DHC8	A	STANDARD	1	4	D-35	D		1000	89	3
DHC8	A	STANDARD	1	5	D-35	L		174.6	89	0
DHC8	A	STANDARD	1	6	NULL	B	V	1571.4	84.4	24.6
DHC8	A	STANDARD	1	7	NULL	B	L	0	30	4.1

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DHC8	A	ARR_3.5	1	1	ZERO	D		6000	165	3.5
DHC8	A	ARR_3.5	1	2	5	D		3000	109	3.5
DHC8	A	ARR_3.5	1	3	D-15	D		1500	96	3.5
DHC8	A	ARR_3.5	1	4	D-35	D		1000	89	3.5
DHC8	A	ARR_3.5	1	5	D-35	L		174.6	89	0
DHC8	A	ARR_3.5	1	6	NULL	B	V	1571.4	84.4	24.6
DHC8	A	ARR_3.5	1	7	NULL	B	L	0	30	4.1

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-51 DHC830

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DHC830	A	STANDARD	1	1	ZERO	D		6000	179	3
DHC830	A	STANDARD	1	2	10	D		3000	128	3
DHC830	A	STANDARD	1	3	D-15	D		1500	116.9	3
DHC830	A	STANDARD	1	4	D-35	D		1000	108	3
DHC830	A	STANDARD	1	5	D-35	L		219.6	108	0
DHC830	A	STANDARD	1	6	NULL	B	V	1976.4	102.5	26.1
DHC830	A	STANDARD	1	7	NULL	B	L	0	30	4.4

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DHC830	A	ARR_3.5	1	1	ZERO	D		6000	179	3.5
DHC830	A	ARR_3.5	1	2	10	D		3000	128	3.5
DHC830	A	ARR_3.5	1	3	D-15	D		1500	116.9	3.5
DHC830	A	ARR_3.5	1	4	D-35	D		1000	108	3.5
DHC830	A	ARR_3.5	1	5	D-35	L		219.6	108	0
DHC830	A	ARR_3.5	1	6	NULL	B	V	1976.4	102.5	26.1
DHC830	A	ARR_3.5	1	7	NULL	B	L	0	30	4.4

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-52 DO328

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DO328	A	STANDARD	1	1	ZERO-A	D	NULL	6000	200	3
DO328	A	STANDARD	1	2	ZERO-A	D	NULL	4000	175	3
DO328	A	STANDARD	1	3	ZERO-A	D	NULL	2000	150	3
DO328	A	STANDARD	1	4	F32APP	D	NULL	1000	109	3
DO328	A	STANDARD	1	5	F32APP	D	NULL	500	109	3
DO328	A	STANDARD	1	6	F32APP	L	NULL	50	0	0
DO328	A	STANDARD	1	7	F32APP	B	L	2216	109	10
DO328	A	STANDARD	1	8	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
DO328	A	ARR_3.5	1	1	ZERO-A	D	NULL	6000	200	3.5
DO328	A	ARR_3.5	1	2	ZERO-A	D	NULL	4000	175	3.5
DO328	A	ARR_3.5	1	3	ZERO-A	D	NULL	2000	150	3.5
DO328	A	ARR_3.5	1	4	F32APP	D	NULL	1000	109	3.5
DO328	A	ARR_3.5	1	5	F32APP	D	NULL	500	109	3.5
DO328	A	ARR_3.5	1	6	F32APP	L	NULL	50	0	0
DO328	A	ARR_3.5	1	7	F32APP	B	L	2216	109	10
DO328	A	ARR_3.5	1	8	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-53 ECLIPSE500

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
ECLIPSE500	A	STANDARD	1	1	A_T_DN	D	NULL	6000	170	3
ECLIPSE500	A	STANDARD	1	2	A_T_DN	D	NULL	5000	160	3
ECLIPSE500	A	STANDARD	1	3	A_A_DN	D	NULL	3000	100.4	3
ECLIPSE500	A	STANDARD	1	4	A_A_DN	D	NULL	2000	100.4	3
ECLIPSE500	A	STANDARD	1	5	A_A_DN	D	NULL	1000	100.4	3
ECLIPSE500	A	STANDARD	1	6	A_A_DN	D	NULL	100	90.4	3
ECLIPSE500	A	STANDARD	1	7	A_A_DN	L	NULL	144	0	0
ECLIPSE500	A	STANDARD	1	8	A_A_DN	B	L	1291	70	10
ECLIPSE500	A	STANDARD	1	9	NULL	B	L	0	20	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
ECLIPSE500	A	ARR_3.5	1	1	A_T_DN	D	NULL	6000	170	3.5
ECLIPSE500	A	ARR_3.5	1	2	A_T_DN	D	NULL	5000	160	3.5
ECLIPSE500	A	ARR_3.5	1	3	A_A_DN	D	NULL	3000	100.4	3.5
ECLIPSE500	A	ARR_3.5	1	4	A_A_DN	D	NULL	2000	100.4	3.5
ECLIPSE500	A	ARR_3.5	1	5	A_A_DN	D	NULL	1000	100.4	3.5
ECLIPSE500	A	ARR_3.5	1	6	A_A_DN	D	NULL	100	90.4	3.5
ECLIPSE500	A	ARR_3.5	1	7	A_A_DN	L	NULL	144	0	0
ECLIPSE500	A	ARR_3.5	1	8	A_A_DN	B	L	1291	70	10
ECLIPSE500	A	ARR_3.5	1	9	NULL	B	L	0	20	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-54 EMB145

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
EMB145	A	STANDARD	1	1	ZERO	D		6000	250	3
EMB145	A	STANDARD	1	2	D-22	D		3000	150	3
EMB145	A	STANDARD	1	3	D-45	D		1500	140	3
EMB145	A	STANDARD	1	4	D-45	D		1000	134	3
EMB145	A	STANDARD	1	5	D-45	L		285.5	0	0
EMB145	A	STANDARD	1	6	D-45	B	V	2569.5	130	40
EMB145	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
EMB145	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
EMB145	A	ARR_3.5	1	2	D-22	D		3000	150	3.5
EMB145	A	ARR_3.5	1	3	D-45	D		1500	140	3.5
EMB145	A	ARR_3.5	1	4	D-45	D		1000	134	3.5
EMB145	A	ARR_3.5	1	5	D-45	L		285.5	0	0
EMB145	A	ARR_3.5	1	6	D-45	B	V	2569.5	130	40
EMB145	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-55 EMB175

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
EMB175	A	STANDARD	1	1	1	F	NULL	6000	250	3
EMB175	A	STANDARD	1	2	NULL	F	I	3000	180	3
EMB175	A	STANDARD	1	3	NULL	F	I	2000	140	3
EMB175	A	STANDARD	1	4	FULL	D	I	1500	130	3
EMB175	A	STANDARD	1	5	FULL	L	NULL	276.3	0	0
EMB175	A	STANDARD	1	6	FULL	B	L	2487	120	40
EMB175	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
EMB175	A	ARR_3.5	1	1	1	F	NULL	6000	250	3.5
EMB175	A	ARR_3.5	1	2	NULL	F	I	3000	180	3.5
EMB175	A	ARR_3.5	1	3	NULL	F	I	2000	140	3.5
EMB175	A	ARR_3.5	1	4	FULL	D	I	1500	130	3.5
EMB175	A	ARR_3.5	1	5	FULL	L	NULL	276.3	0	0
EMB175	A	ARR_3.5	1	6	FULL	B	L	2487	120	40
EMB175	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-56 EMB190

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
EMB190	A	STANDARD	1	1	1	F	NULL	6000	250	3
EMB190	A	STANDARD	1	2	NULL	F	I	3000	180	3
EMB190	A	STANDARD	1	3	NULL	F	I	2000	140	3
EMB190	A	STANDARD	1	4	FULL	D	I	1500	130	3
EMB190	A	STANDARD	1	5	FULL	L	NULL	271.9	0	0
EMB190	A	STANDARD	1	6	FULL	B	L	2447	120	40
EMB190	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
EMB190	A	ARR_3.5	1	1	1	F	NULL	6000	250	3.5
EMB190	A	ARR_3.5	1	2	NULL	F	I	3000	180	3.5
EMB190	A	ARR_3.5	1	3	NULL	F	I	2000	140	3.5
EMB190	A	ARR_3.5	1	4	FULL	D	I	1500	130	3.5
EMB190	A	ARR_3.5	1	5	FULL	L	NULL	271.9	0	0
EMB190	A	ARR_3.5	1	6	FULL	B	L	2447	120	40
EMB190	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-57 GASEPF

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GASEPF	A	STANDARD	1	1	ZERO	D		6000	100	3
GASEPF	A	STANDARD	1	2	UP	D		3000	68.7	3
GASEPF	A	STANDARD	1	3	D-40	D		1500	58.7	3
GASEPF	A	STANDARD	1	4	D-40	D		1000	58.7	3
GASEPF	A	STANDARD	1	5	D-40	L		47.2	58.7	0
GASEPF	A	STANDARD	1	6	NULL	B	V	424.8	55.7	27.2
GASEPF	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GASEPF	A	ARR_3.5	1	1	ZERO	D		6000	100	3.5
GASEPF	A	ARR_3.5	1	2	UP	D		3000	68.7	3.5
GASEPF	A	ARR_3.5	1	3	D-40	D		1500	58.7	3.5
GASEPF	A	ARR_3.5	1	4	D-40	D		1000	58.7	3.5
GASEPF	A	ARR_3.5	1	5	D-40	L		47.2	58.7	0
GASEPF	A	ARR_3.5	1	6	NULL	B	V	424.8	55.7	27.2
GASEPF	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-58 GASEPV

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GASEPV	A	STANDARD	1	1	ZERO	D		6000	100	3
GASEPV	A	STANDARD	1	2	INTR	D		3000	76	3
GASEPV	A	STANDARD	1	3	D-40	D		1500	66	3
GASEPV	A	STANDARD	1	4	D-40	D		1000	66	3
GASEPV	A	STANDARD	1	5	D-40	L		42.8	66	0
GASEPV	A	STANDARD	1	6	NULL	B	V	385.2	62.6	31
GASEPV	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GASEPV	A	ARR_3.5	1	1	ZERO	D		6000	100	3.5
GASEPV	A	ARR_3.5	1	2	INTR	D		3000	76	3.5
GASEPV	A	ARR_3.5	1	3	D-40	D		1500	66	3.5
GASEPV	A	ARR_3.5	1	4	D-40	D		1000	66	3.5
GASEPV	A	ARR_3.5	1	5	D-40	L		42.8	66	0
GASEPV	A	ARR_3.5	1	6	NULL	B	V	385.2	62.6	31
GASEPV	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-59 GIIB

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GIIB	A	STANDARD	1	1	L-0-U	D		6000	230	3
GIIB	A	STANDARD	1	2	L-10-U	D		3000	170	3
GIIB	A	STANDARD	1	3	L-20-D	D		1500	149.2	3
GIIB	A	STANDARD	1	4	L-20-D	D		1000	149.2	3
GIIB	A	STANDARD	1	5	L-39-D	D		200	139.2	3
GIIB	A	STANDARD	1	6	L-39-D	L		790	0	0
GIIB	A	STANDARD	1	7	L-39-D	B	V	760	113	40
GIIB	A	STANDARD	1	8	NULL	B	L	0	20	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GIIB	A	ARR_3.5	1	1	L-0-U	D		6000	230	3.5
GIIB	A	ARR_3.5	1	2	L-10-U	D		3000	170	3.5
GIIB	A	ARR_3.5	1	3	L-20-D	D		1500	149.2	3.5
GIIB	A	ARR_3.5	1	4	L-20-D	D		1000	149.2	3.5
GIIB	A	ARR_3.5	1	5	L-39-D	D		200	139.2	3.5
GIIB	A	ARR_3.5	1	6	L-39-D	L		790	0	0
GIIB	A	ARR_3.5	1	7	L-39-D	B	V	760	113	40
GIIB	A	ARR_3.5	1	8	NULL	B	L	0	20	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-60 GIV

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GIV	A	STANDARD	1	1	L-0-U	D		6000	250	3
GIV	A	STANDARD	1	2	L-0-U	D		3000	160	3
GIV	A	STANDARD	1	3	L-20-D	D		1500	160	3
GIV	A	STANDARD	1	4	L-39-D	D		1000	151.5	3
GIV	A	STANDARD	1	5	L-39-D	L		298	0	0
GIV	A	STANDARD	1	6	L-39-D	B	V	982	80	40
GIV	A	STANDARD	1	7	NULL	B	L	0	20	4

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GIV	A	ARR_3.5	1	1	L-0-U	D		6000	250	3.5
GIV	A	ARR_3.5	1	2	L-0-U	D		3000	160	3.5
GIV	A	ARR_3.5	1	3	L-20-D	D		1500	160	3.5
GIV	A	ARR_3.5	1	4	L-39-D	D		1000	151.5	3.5
GIV	A	ARR_3.5	1	5	L-39-D	L		298	0	0
GIV	A	ARR_3.5	1	6	L-39-D	B	V	982	80	40
GIV	A	ARR_3.5	1	7	NULL	B	L	0	20	4

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-61 GV

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GV	A	STANDARD	1	1	L-0-U	D		6000	250	3
GV	A	STANDARD	1	2	L-20-U	D		3000	160	3
GV	A	STANDARD	1	3	L-20-D	D		1500	160	3
GV	A	STANDARD	1	4	L-39-D	D		1000	137.8	3
GV	A	STANDARD	1	5	L-39-D	L		300	0	0
GV	A	STANDARD	1	6	L-39-D	B	V	1157	107	40
GV	A	STANDARD	1	7	NULL	B	L	0	20	4.6

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
GV	A	ARR_3.5	1	1	L-0-U	D		6000	250	3.5
GV	A	ARR_3.5	1	2	L-20-U	D		3000	160	3.5
GV	A	ARR_3.5	1	3	L-20-D	D		1500	160	3.5
GV	A	ARR_3.5	1	4	L-39-D	D		1000	137.8	3.5
GV	A	ARR_3.5	1	5	L-39-D	L		300	0	0
GV	A	ARR_3.5	1	6	L-39-D	B	V	1157	107	40
GV	A	ARR_3.5	1	7	NULL	B	L	0	20	4.6

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-62 IA1125

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
IA1125	A	STANDARD	1	1	ZERO	D		6000	250	3
IA1125	A	STANDARD	1	2	INTR	D		3000	152.1	3
IA1125	A	STANDARD	1	3	D-INTR	D		1500	142.1	3
IA1125	A	STANDARD	1	4	D-40	D		1000	132.1	3
IA1125	A	STANDARD	1	5	D-40	L		236.6	132.1	0
IA1125	A	STANDARD	1	6	NULL	B	V	2129.4	125.3	40
IA1125	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
IA1125	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
IA1125	A	ARR_3.5	1	2	INTR	D		3000	152.1	3.5
IA1125	A	ARR_3.5	1	3	D-INTR	D		1500	142.1	3.5
IA1125	A	ARR_3.5	1	4	D-40	D		1000	132.1	3.5
IA1125	A	ARR_3.5	1	5	D-40	L		236.6	132.1	0
IA1125	A	ARR_3.5	1	6	NULL	B	V	2129.4	125.3	40
IA1125	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-63 LEAR25

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
LEAR25	A	STANDARD	1	1	ZERO	D		6000	250	3
LEAR25	A	STANDARD	1	2	10	D		3000	161.6	3
LEAR25	A	STANDARD	1	3	D-INTR	D		1500	151.6	3
LEAR25	A	STANDARD	1	4	D-40	D		1000	141.7	3
LEAR25	A	STANDARD	1	5	D-40	L		140.4	141.7	0
LEAR25	A	STANDARD	1	6	NULL	B	V	1263.6	134.4	40
LEAR25	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
LEAR25	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
LEAR25	A	ARR_3.5	1	2	10	D		3000	161.6	3.5
LEAR25	A	ARR_3.5	1	3	D-INTR	D		1500	151.6	3.5
LEAR25	A	ARR_3.5	1	4	D-40	D		1000	141.7	3.5
LEAR25	A	ARR_3.5	1	5	D-40	L		140.4	141.7	0
LEAR25	A	ARR_3.5	1	6	NULL	B	V	1263.6	134.4	40
LEAR25	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-64 LEAR35

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
LEAR35	A	STANDARD	1	1	ZERO	D		6000	250	3
LEAR35	A	STANDARD	1	2	10	D		3000	144.5	3
LEAR35	A	STANDARD	1	3	D-INTR	D		1500	134.5	3
LEAR35	A	STANDARD	1	4	D-40	D		1000	127.8	3
LEAR35	A	STANDARD	1	5	D-40	L		181.4	127.8	0
LEAR35	A	STANDARD	1	6	NULL	B	V	1632.6	121.2	40
LEAR35	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
LEAR35	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
LEAR35	A	ARR_3.5	1	2	10	D		3000	144.5	3.5
LEAR35	A	ARR_3.5	1	3	D-INTR	D		1500	134.5	3.5
LEAR35	A	ARR_3.5	1	4	D-40	D		1000	127.8	3.5
LEAR35	A	ARR_3.5	1	5	D-40	L		181.4	127.8	0
LEAR35	A	ARR_3.5	1	6	NULL	B	V	1632.6	121.2	40
LEAR35	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-65 MD11PW

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
MD11PW	A	STANDARD	1	1	-114487	6000	226	2791	A
MD11PW	A	STANDARD	1	2	-57243	3000	178	7874	A
MD11PW	A	STANDARD	1	3	-28622	1500	174	9774	A
MD11PW	A	STANDARD	1	4	-19081	1000	160	11038	A
MD11PW	A	STANDARD	1	5	0	0	145	2500	A
MD11PW	A	STANDARD	1	6	326	0	90	6000	D
MD11PW	A	STANDARD	1	7	3259	0	30	2733	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
MD11PW	A	ARR_3.5	1	1	-98100	6000	226	2791	A
MD11PW	A	ARR_3.5	1	2	-49050	3000	178	7874	A
MD11PW	A	ARR_3.5	1	3	-24525	1500	174	9774	A
MD11PW	A	ARR_3.5	1	4	-16350	1000	160	11038	A
MD11PW	A	ARR_3.5	1	5	0	0	145	2500	A
MD11PW	A	ARR_3.5	1	6	326	0	90	6000	D
MD11PW	A	ARR_3.5	1	7	3259	0	30	2733	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-66 MD83

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
MD83	A	STANDARD	1	1	-142367	6000	272.2	1	A
MD83	A	STANDARD	1	2	-133219	5473	270.2	1	A
MD83	A	STANDARD	1	3	-124105	4949	268.1	1	A
MD83	A	STANDARD	1	4	-115025	4428	266.1	1	A
MD83	A	STANDARD	1	5	-96964	3397	262.3	1	A
MD83	A	STANDARD	1	6	-89956	3000	260.8	1	A
MD83	A	STANDARD	1	7	-87354	3000	253.1	1	A
MD83	A	STANDARD	1	8	-83192	3000	240	24	A
MD83	A	STANDARD	1	9	-79249	3000	227.2	68	A
MD83	A	STANDARD	1	10	-75519	3000	214.8	108	A
MD83	A	STANDARD	1	11	-71998	3000	202.4	145	A
MD83	A	STANDARD	1	12	-68686	3000	190	180	A
MD83	A	STANDARD	1	13	-68168	3000	187.9	185	A
MD83	A	STANDARD	1	14	-66550	3000	180.6	205	A
MD83	A	STANDARD	1	15	-63032	3000	161.9	252	A
MD83	A	STANDARD	1	16	-59754	3000	161.9	252	A
MD83	A	STANDARD	1	17	-58803	3000	155.6	267	A
MD83	A	STANDARD	1	18	-57175	3000	155.6	4237	A
MD83	A	STANDARD	1	19	-48028	2520	154.5	4164	A
MD83	A	STANDARD	1	20	-38946	2043	153.4	4091	A
MD83	A	STANDARD	1	21	-28644	1503	152.2	4012	A
MD83	A	STANDARD	1	22	-19696	1033	151.2	3944	A
MD83	A	STANDARD	1	23	-9546	501	150	3869	A
MD83	A	STANDARD	1	24	-954	50	149	3807	A
MD83	A	STANDARD	1	25	0	0	148	3807	A
MD83	A	STANDARD	1	26	372.6	0	142	8680	D
MD83	A	STANDARD	1	27	3726	0	30	2170	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
MD83	A	ARR_3.5	1	1	-130879	6000	272.2	1	A
MD83	A	ARR_3.5	1	2	-122263	5473	270.2	1	A
MD83	A	ARR_3.5	1	3	-113696	4949	268.1	1	A
MD83	A	ARR_3.5	1	4	-105178	4428	266.1	1	A
MD83	A	ARR_3.5	1	5	-98180	4000	265	1	A
MD83	A	ARR_3.5	1	6	-95578	4000	257.3	1	A
MD83	A	ARR_3.5	1	7	-91416	4000	244.2	1	A
MD83	A	ARR_3.5	1	8	-87473	4000	231.4	24	A
MD83	A	ARR_3.5	1	9	-83743	4000	219	68	A
MD83	A	ARR_3.5	1	10	-80222	4000	206.6	108	A
MD83	A	ARR_3.5	1	11	-76910	4000	194.2	145	A
MD83	A	ARR_3.5	1	12	-76392	4000	192.1	180	A
MD83	A	ARR_3.5	1	13	-74774	4000	184.8	185	A
MD83	A	ARR_3.5	1	14	-71256	4000	166.1	205	A
MD83	A	ARR_3.5	1	15	-67978	4000	166.1	252	A
MD83	A	ARR_3.5	1	16	-67027	4000	159.8	252	A
MD83	A	ARR_3.5	1	17	-65399	4000	159.8	267	A
MD83	A	ARR_3.5	1	18	-49049	3000	155.6	4237	A
MD83	A	ARR_3.5	1	19	-41201	2520	154.5	4164	A
MD83	A	ARR_3.5	1	20	-33402	2043	153.4	4091	A
MD83	A	ARR_3.5	1	21	-24573	1503	152.2	4012	A
MD83	A	ARR_3.5	1	22	-16889	1033	151.2	3944	A
MD83	A	ARR_3.5	1	23	-8191	501	150	3869	A
MD83	A	ARR_3.5	1	24	-817	50	149	3807	A
MD83	A	ARR_3.5	1	25	0	0	148	3807	A
MD83	A	ARR_3.5	1	26	372.6	0	142	8680	D
MD83	A	ARR_3.5	1	27	3726	0	30	2170	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-67 MD9025

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
MD9025	A	STANDARD	1	1	U-0	D		6000	185	3
MD9025	A	STANDARD	1	2	D-28	D		3000	154	3
MD9025	A	STANDARD	1	3	D-28	D		1500	150	3
MD9025	A	STANDARD	1	4	D-40	D		1000	145.3	3
MD9025	A	STANDARD	1	5	D-40	L		346	0	0
MD9025	A	STANDARD	1	6	NULL	B	V	2100	130	40
MD9025	A	STANDARD	1	7	NULL	B	L	0	30	9.6

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
MD9025	A	ARR_3.5	1	1	U-0	D		6000	185	3.5
MD9025	A	ARR_3.5	1	2	D-28	D		3000	154	3.5
MD9025	A	ARR_3.5	1	3	D-28	D		1500	150	3.5
MD9025	A	ARR_3.5	1	4	D-40	D		1000	145.3	3.5
MD9025	A	ARR_3.5	1	5	D-40	L		346	0	0
MD9025	A	ARR_3.5	1	6	NULL	B	V	2100	130	40
MD9025	A	ARR_3.5	1	7	NULL	B	L	0	30	9.6

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-68 MU3001

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
MU3001	A	STANDARD	1	1	ZERO	D		6000	250	3
MU3001	A	STANDARD	1	2	1	D		3000	133.8	3
MU3001	A	STANDARD	1	3	D-INTR	D		1500	123.8	3
MU3001	A	STANDARD	1	4	D-30	D		1000	117.1	3
MU3001	A	STANDARD	1	5	D-30	L		156.6	117.1	0
MU3001	A	STANDARD	1	6	NULL	B	V	1409.4	111.1	40
MU3001	A	STANDARD	1	7	NULL	B	L	0	30	10

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	STEP_NUM	FLAP_ID	STEP_TYPE	THR_TYPE	PARAM1	PARAM2	PARAM3
MU3001	A	ARR_3.5	1	1	ZERO	D		6000	250	3.5
MU3001	A	ARR_3.5	1	2	1	D		3000	133.8	3.5
MU3001	A	ARR_3.5	1	3	D-INTR	D		1500	123.8	3.5
MU3001	A	ARR_3.5	1	4	D-30	D		1000	117.1	3.5
MU3001	A	ARR_3.5	1	5	D-30	L		156.6	117.1	0
MU3001	A	ARR_3.5	1	6	NULL	B	V	1409.4	111.1	40
MU3001	A	ARR_3.5	1	7	NULL	B	L	0	30	10

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-69 PA28

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
PA28	A	STANDARD	1	1	-114487	6000	137.8	1800	A
PA28	A	STANDARD	1	2	-28621.7	1500	97.1	1800	A
PA28	A	STANDARD	1	3	-19081.1	1000	86.3	1600	A
PA28	A	STANDARD	1	4	-9540.6	500	70.5	1600	A
PA28	A	STANDARD	1	5	0	0	63	1500	A
PA28	A	STANDARD	1	6	57.2	0	63	1500	A
PA28	A	STANDARD	1	7	571.5	0	10	1000	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
PA28	A	ARR_3.5	1	1	-98099	6000	137.8	1800	A
PA28	A	ARR_3.5	1	2	-24525	1500	97.1	1800	A
PA28	A	ARR_3.5	1	3	-16350	1000	86.3	1600	A
PA28	A	ARR_3.5	1	4	-8175	500	70.5	1600	A
PA28	A	ARR_3.5	1	5	0	0	63	1500	A
PA28	A	ARR_3.5	1	6	57.2	0	63	1500	A
PA28	A	ARR_3.5	1	7	571.5	0	10	1000	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

TABLE A-70 T41

Standard

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
T41	A	NOISEMAP	1	1	-200972	10580	200	30	A
T41	A	NOISEMAP	1	2	-37901.8	1950	125	30	A
T41	A	NOISEMAP	1	3	-971.8	50	65	30	A
T41	A	NOISEMAP	1	4	0	0	65	30	A
T41	A	NOISEMAP	1	5	10	0	65	30	A

User Defined

ACFT_ID	OP_TYPE	PROF_ID1	PROF_ID2	PT_NUM	DISTANCE	ALTITUDE	SPEED	THR_SET	OP_MODE
T41	A	ARR_3.5	1	1	-172981	10580	200	30	A
T41	A	ARR_3.5	1	2	-31882	1950	125	30	A
T41	A	ARR_3.5	1	3	-817	50	65	30	A
T41	A	ARR_3.5	1	4	0	0	65	30	A
T41	A	ARR_3.5	1	5	10	0	65	30	A

SOURCE: Harris Miller Miller & Hanson, November 2019.

APPENDIX B COMPARATIVE NOISE ANALYSIS

Appendix B contains the modeled noise comparison tables for the 70 AEDT aircraft on the Runway 27 straight-in final approach noise model track. The SEL values based on the standard and user-defined approach procedure profile and the difference in SEL levels were provided.

TABLE B-1 1900D SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 1900D		PROFILE WEIGHT: 14,940 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	92.70	92.05	-0.65
1	92.93	91.71	-1.22
1.5	89.70	88.53	-1.17
2	88.19	87.05	-1.14
2.5	86.65	85.57	-1.08
3	85.46	84.15	-1.31
3.5	83.60	82.39	-1.21
4	82.00	80.62	-1.38
4.5	81.48	80.26	-1.22
5	80.37	79.08	-1.29
5.5	79.59	78.47	-1.12
6	79.01	77.94	-1.07
6.5	78.62	77.37	-1.25
7	78.52	77.20	-1.32
7.5	78.05	76.85	-1.20
8	77.50	76.23	-1.27
8.5	77.05	75.69	-1.36
9	76.97	75.54	-1.43
9.5	76.40	74.90	-1.50
10	75.97	74.39	-1.58
10.5	74.64	73.18	-1.46
11	74.58	73.14	-1.44
11.5	74.10	72.75	-1.35
12	73.84	72.50	-1.34
12.5	73.61	72.23	-1.38
13	73.56	72.11	-1.45

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-2 717200 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 717200		PROFILE WEIGHT: 99,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	93.28	92.45	-0.83
1	93.50	92.07	-1.43
1.5	90.09	88.40	-1.69
2	88.49	86.82	-1.67
2.5	86.86	85.22	-1.64
3	85.58	83.73	-1.85
3.5	83.63	81.13	-2.50
4	81.27	78.73	-2.54
4.5	80.47	77.84	-2.63
5	78.64	76.25	-2.39
5.5	77.45	75.45	-2.00
6	76.72	74.69	-2.03
6.5	76.17	73.82	-2.35
7	75.95	73.51	-2.44
7.5	75.25	72.90	-2.35
8	74.54	72.14	-2.40
8.5	73.70	71.42	-2.28
9	73.60	71.11	-2.49
9.5	72.87	70.25	-2.62
10	72.28	69.41	-2.87
10.5	70.55	67.85	-2.70
11	70.43	67.65	-2.78
11.5	69.61	67.03	-2.58
12	69.20	66.39	-2.81
12.5	68.80	65.95	-2.85
13	68.60	65.59	-3.01

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-3 737300 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 737300		PROFILE WEIGHT: 102,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	97.71	96.44	-1.27
1	97.95	96.08	-1.87
1.5	94.34	92.50	-1.84
2	92.62	90.74	-1.88
2.5	90.80	88.96	-1.84
3	89.38	87.41	-1.97
3.5	87.28	85.18	-2.10
4	85.22	83.31	-1.91
4.5	84.82	82.76	-2.06
5	83.38	81.17	-2.21
5.5	82.39	80.23	-2.16
6	81.45	79.43	-2.02
6.5	80.81	78.67	-2.14
7	80.59	78.18	-2.41
7.5	79.93	77.43	-2.50
8	79.00	76.51	-2.49
8.5	78.20	75.69	-2.51
9	77.92	75.34	-2.58
9.5	77.08	74.33	-2.75
10	76.41	73.60	-2.81
10.5	74.63	72.06	-2.57
11	74.33	71.78	-2.55
11.5	73.67	71.16	-2.51
12	73.27	70.71	-2.56
12.5	72.93	70.25	-2.68
13	72.65	69.99	-2.66

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-4 737400 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 737400		PROFILE WEIGHT: 111,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	97.98	96.71	-1.27
1	98.23	96.35	-1.88
1.5	94.62	92.73	-1.89
2	92.89	90.95	-1.94
2.5	91.05	89.16	-1.89
3	89.62	87.55	-2.07
3.5	87.46	85.18	-2.28
4	85.30	83.23	-2.07
4.5	84.83	82.61	-2.22
5	83.30	81.03	-2.27
5.5	82.27	80.13	-2.14
6	81.36	79.39	-1.97
6.5	80.76	78.64	-2.12
7	80.58	78.26	-2.32
7.5	79.95	77.68	-2.27
8	79.12	76.79	-2.33
8.5	78.44	76.00	-2.44
9	78.23	75.68	-2.55
9.5	77.41	74.70	-2.71
10	76.76	73.97	-2.79
10.5	75.02	72.42	-2.60
11	74.74	72.12	-2.62
11.5	74.09	71.48	-2.61
12	73.67	71.01	-2.66
12.5	73.32	70.53	-2.79
13	73.03	70.26	-2.77

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-5 737500 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 737500		PROFILE WEIGHT: 99,900 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	97.74	96.47	-1.27
1	97.98	96.11	-1.87
1.5	94.37	92.54	-1.83
2	92.65	90.79	-1.86
2.5	90.83	89.01	-1.82
3	89.41	87.47	-1.94
3.5	87.33	85.23	-2.10
4	85.25	83.32	-1.93
4.5	84.83	82.74	-2.09
5	83.37	81.17	-2.20
5.5	82.36	80.28	-2.08
6	81.45	79.53	-1.92
6.5	80.86	78.78	-2.08
7	80.67	78.30	-2.37
7.5	80.02	77.58	-2.44
8	79.09	76.70	-2.39
8.5	78.31	75.93	-2.38
9	78.08	75.63	-2.45
9.5	77.28	74.64	-2.64
10	76.65	73.88	-2.77
10.5	74.92	72.32	-2.60
11	74.63	72.01	-2.62
11.5	73.95	71.38	-2.57
12	73.52	70.90	-2.62
12.5	73.16	70.42	-2.74
13	72.87	70.15	-2.72

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-6 737700 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 737700		PROFILE WEIGHT: 115,200 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	98.28	97.46	-0.82
1	98.51	97.14	-1.37
1.5	95.40	94.07	-1.33
2	93.91	92.44	-1.47
2.5	92.23	90.79	-1.44
3	90.95	89.43	-1.52
3.5	89.16	87.29	-1.87
4	87.17	85.25	-1.92
4.5	86.67	84.43	-2.24
5	85.09	82.88	-2.21
5.5	84.00	82.00	-2.00
6	83.10	81.27	-1.83
6.5	82.52	80.54	-1.98
7	82.34	80.03	-2.31
7.5	81.70	79.29	-2.41
8	80.75	78.42	-2.33
8.5	79.98	77.65	-2.33
9	79.75	77.36	-2.39
9.5	78.95	76.38	-2.57
10	78.33	75.63	-2.70
10.5	76.61	74.08	-2.53
11	76.32	73.79	-2.53
11.5	75.66	73.20	-2.46
12	75.19	72.72	-2.47
12.5	74.84	72.25	-2.59
13	74.57	72.03	-2.54

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-7 U_737800 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: U_737800		PROFILE WEIGHT: 131,700 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.38	95.46	-0.92
1	96.61	95.14	-1.47
1.5	93.35	91.94	-1.41
2	91.79	90.25	-1.54
2.5	90.05	88.56	-1.49
3	88.73	87.26	-1.47
3.5	86.95	85.60	-1.35
4	85.41	84.06	-1.35
4.5	85.23	83.78	-1.45
5	84.07	82.68	-1.39
5.5	83.41	82.00	-1.41
6	82.85	81.48	-1.37
6.5	82.41	80.95	-1.46
7	82.41	80.73	-1.68
7.5	81.98	80.33	-1.65
8	81.31	79.62	-1.69
8.5	80.80	78.76	-2.04
9	80.71	77.44	-3.27
9.5	80.03	76.19	-3.84
10	79.24	75.52	-3.72
10.5	76.40	74.08	-2.32
11	75.65	74.01	-1.64
11.5	75.11	73.55	-1.56
12	74.84	73.26	-1.58
12.5	74.78	72.93	-1.85
13	74.95	72.86	-2.09

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-8 7378MAX SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 7378MAX		PROFILE WEIGHT: 137,520 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.94	96.20	-0.74
1	97.18	95.89	-1.29
1.5	94.07	92.83	-1.24
2	92.64	91.42	-1.22
2.5	91.25	89.97	-1.28
3	90.09	88.55	-1.54
3.5	88.13	86.77	-1.36
4	86.55	85.33	-1.22
4.5	86.39	85.08	-1.31
5	85.33	84.06	-1.27
5.5	84.73	83.43	-1.30
6	84.22	82.97	-1.25
6.5	83.82	82.49	-1.33
7	83.84	82.28	-1.56
7.5	83.46	81.90	-1.56
8	82.83	81.21	-1.62
8.5	82.37	80.69	-1.68
9	82.30	80.55	-1.75
9.5	81.63	79.62	-2.01
10	81.15	78.94	-2.21
10.5	79.31	77.44	-1.87
11	78.63	77.30	-1.33
11.5	78.12	76.77	-1.35
12	78.13	76.44	-1.69
12.5	78.25	75.97	-2.28
13	78.64	76.02	-2.62

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-9 747400 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 747400		PROFILE WEIGHT: 567,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	104.55	103.68	-0.87
1	104.78	103.32	-1.46
1.5	101.27	99.84	-1.43
2	99.58	98.04	-1.54
2.5	97.74	96.23	-1.51
3	96.32	94.79	-1.53
3.5	94.37	92.75	-1.62
4	92.49	91.05	-1.44
4.5	92.20	90.72	-1.48
5	90.90	89.38	-1.52
5.5	90.16	88.62	-1.54
6	89.35	88.03	-1.32
6.5	88.87	87.40	-1.47
7	88.82	87.10	-1.72
7.5	88.29	86.66	-1.63
8	87.54	85.92	-1.62
8.5	86.99	85.26	-1.73
9	86.87	85.09	-1.78
9.5	86.17	84.25	-1.92
10	85.64	83.60	-2.04
10.5	84.08	82.17	-1.91
11	83.89	81.93	-1.96
11.5	83.32	81.42	-1.90
12	82.91	80.99	-1.92
12.5	82.63	80.58	-2.05
13	82.41	80.40	-2.01

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-10 757300 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 757300		PROFILE WEIGHT: 201,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.82	96.39	-0.43
1	96.85	96.04	-0.81
1.5	93.47	92.74	-0.73
2	91.76	91.04	-0.72
2.5	90.28	89.41	-0.87
3	88.86	88.16	-0.70
3.5	87.23	86.44	-0.79
4	85.65	85.05	-0.60
4.5	85.45	84.69	-0.76
5	84.25	83.47	-0.78
5.5	83.51	82.81	-0.70
6	82.96	82.30	-0.66
6.5	82.56	81.81	-0.75
7	82.51	81.58	-0.93
7.5	82.10	81.25	-0.85
8	81.52	80.48	-1.04
8.5	80.86	79.67	-1.19
9	80.73	78.81	-1.92
9.5	79.69	77.40	-2.29
10	78.41	76.57	-1.84
10.5	76.48	75.00	-1.48
11	76.54	74.94	-1.60
11.5	76.23	74.44	-1.79
12	76.20	74.14	-2.06
12.5	76.06	73.83	-2.23
13	76.35	73.92	-2.43

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-11 757PW SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 757PW		PROFILE WEIGHT: 178,200 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	98.01	96.93	-1.08
1	98.25	96.61	-1.64
1.5	95.01	93.42	-1.59
2	93.46	91.77	-1.69
2.5	91.75	90.09	-1.66
3	90.43	88.70	-1.73
3.5	88.55	86.67	-1.88
4	86.66	84.79	-1.87
4.5	86.27	84.25	-2.02
5	84.84	82.67	-2.17
5.5	83.86	81.71	-2.15
6	82.93	80.87	-2.06
6.5	82.26	80.01	-2.25
7	81.99	79.46	-2.53
7.5	81.26	78.67	-2.59
8	80.28	77.69	-2.59
8.5	79.42	76.83	-2.59
9	79.12	76.44	-2.68
9.5	78.22	75.36	-2.86
10	77.51	74.63	-2.88
10.5	75.64	72.99	-2.65
11	75.30	72.69	-2.61
11.5	74.59	72.07	-2.52
12	74.20	71.61	-2.59
12.5	73.64	71.10	-2.54
13	73.37	70.84	-2.53

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-12 767300 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 767300		PROFILE WEIGHT: 288,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	100.52	99.65	-0.87
1	100.75	99.33	-1.42
1.5	97.57	96.20	-1.37
2	96.06	94.57	-1.49
2.5	94.38	92.92	-1.46
3	93.09	91.53	-1.56
3.5	91.23	89.61	-1.62
4	89.41	87.74	-1.67
4.5	89.11	87.29	-1.82
5	87.70	85.68	-2.02
5.5	86.73	84.73	-2.00
6	85.83	83.91	-1.92
6.5	85.18	83.06	-2.12
7	84.97	82.55	-2.42
7.5	84.26	81.81	-2.45
8	83.28	80.91	-2.37
8.5	82.42	80.11	-2.31
9	82.18	79.79	-2.39
9.5	81.35	78.74	-2.61
10	80.70	78.01	-2.69
10.5	78.92	76.48	-2.44
11	78.60	76.18	-2.42
11.5	77.89	75.52	-2.37
12	77.50	75.11	-2.39
12.5	77.14	74.65	-2.49
13	76.81	74.34	-2.47

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-13 767CF6 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 767CF6		PROFILE WEIGHT: 243,000LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	99.75	98.93	-0.82
1	99.98	98.61	-1.37
1.5	96.84	95.53	-1.31
2	95.34	93.89	-1.45
2.5	93.66	92.23	-1.43
3	92.36	90.84	-1.52
3.5	90.50	88.90	-1.60
4	88.66	87.01	-1.65
4.5	88.34	86.54	-1.80
5	86.91	84.96	-1.95
5.5	85.94	84.06	-1.88
6	85.08	83.29	-1.79
6.5	84.47	82.48	-1.99
7	84.30	82.02	-2.28
7.5	83.63	81.33	-2.30
8	82.70	80.47	-2.23
8.5	81.87	79.71	-2.16
9	81.67	79.43	-2.24
9.5	80.87	78.42	-2.45
10	80.26	77.72	-2.54
10.5	78.51	76.22	-2.29
11	78.23	75.96	-2.27
11.5	77.56	75.32	-2.24
12	77.21	74.94	-2.27
12.5	76.90	74.51	-2.39
13	76.60	74.22	-2.38

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-14 777200 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 777200		PROFILE WEIGHT: 423,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	99.40	98.96	-0.44
1	99.42	98.55	-0.87
1.5	95.79	95.03	-0.76
2	94.02	93.27	-0.75
2.5	92.14	91.37	-0.77
3	90.77	90.03	-0.74
3.5	89.00	88.21	-0.79
4	87.30	86.61	-0.69
4.5	87.11	86.41	-0.70
5	86.04	85.26	-0.78
5.5	85.31	84.54	-0.77
6	84.72	83.96	-0.76
6.5	84.24	83.49	-0.75
7	84.20	83.31	-0.89
7.5	83.73	82.98	-0.75
8	83.18	82.10	-1.08
8.5	82.54	80.59	-1.95
9	82.24	79.14	-3.10
9.5	80.33	78.00	-2.33
10	78.79	77.39	-1.40
10.5	77.11	76.07	-1.04
11	77.13	76.02	-1.11
11.5	76.85	75.58	-1.27
12	76.72	75.33	-1.39
12.5	76.60	75.03	-1.57
13	76.84	75.08	-1.76

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-15 777300 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 777300		PROFILE WEIGHT: 471,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	101.54	101.07	-0.47
1	101.57	100.68	-0.89
1.5	97.83	97.11	-0.72
2	96.05	95.23	-0.82
2.5	94.31	93.56	-0.75
3	92.81	92.05	-0.76
3.5	91.03	90.22	-0.81
4	89.28	88.57	-0.71
4.5	89.14	88.26	-0.88
5	87.87	87.17	-0.70
5.5	87.24	86.41	-0.83
6	86.60	85.88	-0.72
6.5	86.24	85.28	-0.96
7	86.12	85.15	-0.97
7.5	85.63	84.67	-0.96
8	84.95	83.48	-1.47
8.5	84.23	81.16	-3.07
9	83.38	78.77	-4.61
9.5	80.55	77.39	-3.16
10	78.53	76.79	-1.74
10.5	77.27	75.66	-1.61
11	77.31	75.58	-1.73
11.5	76.54	75.23	-1.31
12	76.20	75.01	-1.19
12.5	75.85	74.72	-1.13
13	75.98	74.25	-1.73

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-16 7773ER SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 7773ER		PROFILE WEIGHT: 498,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	100.99	100.11	-0.88
1	101.22	99.74	-1.48
1.5	97.68	96.17	-1.51
2	96.00	94.43	-1.57
2.5	94.22	92.70	-1.52
3	92.87	91.36	-1.51
3.5	91.04	89.65	-1.39
4	89.45	88.09	-1.36
4.5	89.27	87.81	-1.46
5	88.10	86.70	-1.40
5.5	87.43	86.02	-1.41
6	86.86	85.50	-1.36
6.5	86.41	84.97	-1.44
7	86.42	84.74	-1.68
7.5	85.99	84.37	-1.62
8	85.30	83.81	-1.49
8.5	84.79	82.73	-2.06
9	84.71	82.37	-2.34
9.5	84.10	81.67	-2.43
10	82.93	81.20	-1.73
10.5	81.12	79.75	-1.37
11	80.89	79.64	-1.25
11.5	80.65	79.14	-1.51
12	80.59	78.91	-1.68
12.5	80.64	78.55	-2.09
13	80.74	78.65	-2.09

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-17 7878R SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: 7878R		PROFILE WEIGHT: 342,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.55	95.65	-0.90
1	96.78	95.30	-1.48
1.5	93.34	91.92	-1.42
2	91.70	90.21	-1.49
2.5	89.95	88.51	-1.44
3	88.63	87.21	-1.42
3.5	86.84	85.54	-1.30
4	85.27	83.99	-1.28
4.5	85.08	83.71	-1.37
5	83.90	82.60	-1.30
5.5	83.22	81.91	-1.31
6	82.65	81.40	-1.25
6.5	82.19	80.88	-1.31
7	82.19	80.65	-1.54
7.5	81.78	80.25	-1.53
8	81.09	79.64	-1.45
8.5	80.56	78.81	-1.75
9	80.46	78.48	-1.98
9.5	79.87	77.72	-2.15
10	78.97	77.17	-1.80
10.5	77.24	75.84	-1.40
11	77.14	75.79	-1.35
11.5	76.80	75.37	-1.43
12	76.52	75.11	-1.41
12.5	76.48	74.78	-1.70
13	76.57	74.77	-1.80

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-18 A319-131 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A319-131		PROFILE WEIGHT: 124,010 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.36	95.50	-0.86
1	96.60	95.18	-1.42
1.5	93.37	91.99	-1.38
2	91.80	90.17	-1.63
2.5	89.90	88.33	-1.57
3	88.45	86.84	-1.61
3.5	86.41	84.96	-1.45
4	84.67	83.26	-1.41
4.5	84.48	82.95	-1.53
5	83.20	81.73	-1.47
5.5	82.47	80.98	-1.49
6	81.85	79.84	-2.01
6.5	81.34	78.49	-2.85
7	80.78	78.05	-2.73
7.5	79.49	77.38	-2.11
8	78.47	76.39	-2.08
8.5	77.63	75.68	-1.95
9	77.34	75.45	-1.89
9.5	76.43	74.70	-1.73
10	75.78	74.12	-1.66
10.5	74.17	72.68	-1.49
11	74.09	72.63	-1.46
11.5	73.90	72.18	-1.72
12	73.71	71.92	-1.79
12.5	73.71	71.54	-2.17
13	73.95	71.68	-2.27

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-19 A320-232 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A320-211		PROFILE WEIGHT: 131,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	98.22	97.30	-0.92
1	98.45	96.83	-1.62
1.5	94.02	92.25	-1.77
2	91.92	90.46	-1.46
2.5	90.11	88.72	-1.39
3	88.73	87.35	-1.38
3.5	86.87	85.61	-1.26
4	85.27	84.05	-1.22
4.5	85.08	83.74	-1.34
5	83.90	82.61	-1.29
5.5	83.21	81.73	-1.48
6	82.62	80.66	-1.96
6.5	81.86	79.87	-1.99
7	81.31	79.45	-1.86
7.5	80.64	78.85	-1.79
8	79.95	78.10	-1.85
8.5	79.20	77.44	-1.76
9	78.93	77.21	-1.72
9.5	78.16	76.53	-1.63
10	77.56	76.00	-1.56
10.5	76.06	74.66	-1.40
11	75.99	74.62	-1.37
11.5	75.78	74.19	-1.59
12	75.62	73.95	-1.67
12.5	75.65	73.67	-1.98
13	75.76	73.73	-2.03

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-20 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A320-232		PROFILE WEIGHT: 131,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	95.32	94.51	-0.81
1	95.55	94.19	-1.36
1.5	92.39	91.08	-1.31
2	90.87	89.42	-1.45
2.5	89.15	87.74	-1.41
3	87.83	86.38	-1.45
3.5	85.96	84.65	-1.31
4	84.37	83.10	-1.27
4.5	84.19	82.80	-1.39
5	83.02	81.67	-1.35
5.5	82.33	80.75	-1.58
6	81.75	79.84	-1.91
6.5	80.93	79.11	-1.82
7	80.47	78.72	-1.75
7.5	79.88	78.10	-1.78
8	79.13	77.23	-1.90
8.5	78.43	76.55	-1.88
9	78.11	76.32	-1.79
9.5	77.29	75.61	-1.68
10	76.67	75.05	-1.62
10.5	75.12	73.66	-1.46
11	75.07	73.62	-1.45
11.5	74.88	73.18	-1.70
12	74.72	72.93	-1.79
12.5	74.71	72.59	-2.12
13	74.93	72.71	-2.22

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-21 A321-232 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A321-232		PROFILE WEIGHT: 154,400 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.78	95.93	-0.85
1	97.01	95.57	-1.44
1.5	93.55	92.14	-1.41
2	91.87	90.32	-1.55
2.5	90.00	88.49	-1.51
3	88.57	87.05	-1.52
3.5	86.63	85.21	-1.42
4	84.94	83.53	-1.41
4.5	84.74	83.23	-1.51
5	83.49	82.02	-1.47
5.5	82.76	81.26	-1.50
6	82.15	80.31	-1.84
6.5	81.64	78.66	-2.98
7	81.34	78.15	-3.19
7.5	79.66	77.50	-2.16
8	78.62	76.51	-2.11
8.5	77.74	75.73	-2.01
9	77.44	75.61	-1.83
9.5	76.55	74.91	-1.64
10	75.87	74.33	-1.54
10.5	74.31	72.87	-1.44
11	74.29	72.70	-1.59
11.5	73.96	72.24	-1.72
12	73.91	71.98	-1.93
12.5	73.87	71.67	-2.20
13	74.05	71.75	-2.30

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-22 A330-301 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A330-301		PROFILE WEIGHT: 355,200 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	100.81	99.85	-0.96
1	101.04	99.43	-1.61
1.5	96.99	95.23	-1.76
2	95.07	93.41	-1.66
2.5	93.22	91.64	-1.58
3	91.84	90.32	-1.52
3.5	90.05	88.64	-1.41
4	88.49	87.12	-1.37
4.5	88.31	86.84	-1.47
5	87.17	85.75	-1.42
5.5	86.50	85.06	-1.44
6	85.94	84.53	-1.41
6.5	85.49	83.61	-1.88
7	85.46	82.47	-2.99
7.5	84.96	81.90	-3.06
8	83.04	81.03	-2.01
8.5	82.17	80.35	-1.82
9	81.90	80.24	-1.66
9.5	81.13	79.57	-1.56
10	80.44	79.05	-1.39
10.5	79.06	77.76	-1.30
11	78.96	77.71	-1.25
11.5	78.77	77.30	-1.47
12	78.53	77.07	-1.46
12.5	78.52	76.70	-1.82
13	78.57	76.81	-1.76

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-23 A330-343 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A330-343		PROFILE WEIGHT: 371,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	99.24	98.44	-0.80
1	99.47	98.09	-1.38
1.5	96.13	94.77	-1.36
2	94.53	93.02	-1.51
2.5	92.72	91.27	-1.45
3	91.37	89.97	-1.40
3.5	89.61	88.31	-1.30
4	88.10	86.82	-1.28
4.5	87.92	86.55	-1.37
5	86.80	85.47	-1.33
5.5	86.15	84.82	-1.33
6	85.60	83.63	-1.97
6.5	85.17	82.56	-2.61
7	84.32	82.17	-2.15
7.5	83.42	81.75	-1.67
8	82.55	80.94	-1.61
8.5	81.99	80.21	-1.78
9	81.84	80.15	-1.69
9.5	80.94	79.48	-1.46
10	80.38	78.97	-1.41
10.5	79.02	77.67	-1.35
11	78.95	77.63	-1.32
11.5	78.77	77.22	-1.55
12	78.58	77.00	-1.58
12.5	78.59	76.65	-1.94
13	78.80	76.77	-2.03

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-24 A340-211 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: A340-211		PROFILE WEIGHT: 359,100 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	100.27	99.40	-0.87
1	100.50	98.95	-1.55
1.5	96.27	94.58	-1.69
2	94.27	92.82	-1.45
2.5	92.44	91.11	-1.33
3	91.08	89.82	-1.26
3.5	89.31	88.18	-1.13
4	87.82	86.74	-1.08
4.5	87.65	86.47	-1.18
5	86.58	85.43	-1.15
5.5	85.96	84.78	-1.18
6	85.43	84.14	-1.29
6.5	85.00	83.12	-1.88
7	84.82	82.72	-2.10
7.5	83.89	82.23	-1.66
8	83.06	81.34	-1.72
8.5	82.41	80.69	-1.72
9	82.02	80.61	-1.41
9.5	81.27	80.04	-1.23
10	80.80	79.47	-1.33
10.5	79.51	78.26	-1.25
11	79.39	78.10	-1.29
11.5	79.17	77.71	-1.46
12	78.93	77.50	-1.43
12.5	78.91	77.16	-1.75
13	79.02	77.26	-1.76

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-25 BD-700-1A10 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: BD-700-1A10		PROFILE WEIGHT: 70,740 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	93.33	92.76	-0.57
1	93.56	92.44	-1.12
1.5	90.45	89.38	-1.07
2	88.97	87.81	-1.16
2.5	87.37	86.25	-1.12
3	86.16	85.04	-1.12
3.5	84.52	83.50	-1.02
4	83.10	82.08	-1.02
4.5	82.94	81.82	-1.12
5	81.87	80.80	-1.07
5.5	81.26	80.15	-1.11
6	80.75	79.62	-1.13
6.5	80.31	79.06	-1.25
7	80.22	78.99	-1.23
7.5	79.80	78.64	-1.16
8	79.30	77.99	-1.31
8.5	78.85	77.41	-1.44
9	78.78	77.21	-1.57
9.5	78.17	76.50	-1.67
10	77.69	75.63	-2.06
10.5	76.14	74.21	-1.93
11	75.95	74.13	-1.82
11.5	75.08	73.70	-1.38
12	74.61	73.41	-1.20
12.5	74.26	73.08	-1.18
13	74.40	72.74	-1.66

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-26 BD-700-1A11 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: BD-700-1A11		PROFILE WEIGHT: 70,740 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	93.33	92.76	-0.57
1	93.56	92.44	-1.12
1.5	90.45	89.38	-1.07
2	88.97	87.81	-1.16
2.5	87.37	86.25	-1.12
3	86.16	85.04	-1.12
3.5	84.52	83.50	-1.02
4	83.10	82.08	-1.02
4.5	82.94	81.82	-1.12
5	81.87	80.80	-1.07
5.5	81.26	80.15	-1.11
6	80.75	79.62	-1.13
6.5	80.31	79.06	-1.25
7	80.22	78.99	-1.23
7.5	79.80	78.64	-1.16
8	79.30	77.99	-1.31
8.5	78.85	77.41	-1.44
9	78.78	77.21	-1.57
9.5	78.17	76.50	-1.67
10	77.69	75.63	-2.06
10.5	76.14	74.21	-1.93
11	75.95	74.13	-1.82
11.5	75.08	73.70	-1.38
12	74.61	73.41	-1.20
12.5	74.26	73.08	-1.18
13	74.40	72.74	-1.66

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-27 BEC58P SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: BEC58P		PROFILE WEIGHT: 5,500 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	88.71	87.57	-1.14
1	88.96	87.28	-1.68
1.5	85.88	84.26	-1.62
2	84.45	82.77	-1.68
2.5	82.93	81.28	-1.65
3	81.78	80.01	-1.77
3.5	80.09	78.18	-1.91
4	78.41	76.63	-1.78
4.5	78.08	76.11	-1.97
5	76.89	74.83	-2.06
5.5	75.94	74.18	-1.76
6	75.35	73.60	-1.75
6.5	74.92	72.95	-1.97
7	74.78	72.75	-2.03
7.5	74.24	72.36	-1.88
8	73.66	71.74	-1.92
8.5	73.17	71.19	-1.98
9	73.06	71.00	-2.06
9.5	72.48	70.28	-2.20
10	72.04	69.77	-2.27
10.5	70.73	68.64	-2.09
11	70.58	68.58	-2.00
11.5	70.08	68.19	-1.89
12	69.83	67.92	-1.91
12.5	69.59	67.57	-2.02
13	69.53	67.30	-2.23

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-28 CIT3 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CIT3		PROFILE WEIGHT: 15,300 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	87.99	86.99	-1.00
1	88.22	86.67	-1.55
1.5	85.03	83.51	-1.52
2	83.51	81.81	-1.70
2.5	81.77	80.08	-1.69
3	80.42	78.59	-1.83
3.5	78.45	76.37	-2.08
4	76.43	74.45	-1.98
4.5	76.04	73.80	-2.24
5	74.49	72.13	-2.36
5.5	73.42	71.19	-2.23
6	72.55	70.33	-2.22
6.5	71.88	69.42	-2.46
7	71.57	69.06	-2.51
7.5	70.83	68.43	-2.40
8	70.03	67.44	-2.59
8.5	69.31	66.48	-2.83
9	69.03	65.97	-3.06
9.5	68.12	64.98	-3.14
10	67.35	64.02	-3.33
10.5	65.37	62.31	-3.06
11	65.13	61.91	-3.22
11.5	64.17	61.32	-2.85
12	63.71	60.70	-3.01
12.5	63.06	60.29	-2.77
13	62.76	59.95	-2.81

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-29 CL600 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CL600		PROFILE WEIGHT: 29,700 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	91.02	89.93	-1.09
1	91.26	89.58	-1.68
1.5	87.74	86.05	-1.69
2	86.05	84.20	-1.85
2.5	84.16	82.31	-1.85
3	82.69	80.67	-2.02
3.5	80.51	77.81	-2.70
4	77.92	75.20	-2.72
4.5	77.07	74.01	-3.06
5	75.00	72.09	-2.91
5.5	73.44	70.94	-2.50
6	72.48	69.86	-2.62
6.5	71.66	68.81	-2.85
7	71.24	68.37	-2.87
7.5	70.40	67.89	-2.51
8	69.39	67.07	-2.32
8.5	68.47	66.36	-2.11
9	68.09	66.14	-1.95
9.5	67.27	65.17	-2.10
10	66.70	64.44	-2.26
10.5	64.86	62.75	-2.11
11	64.72	62.36	-2.36
11.5	63.97	61.79	-2.18
12	63.61	61.34	-2.27
12.5	63.05	60.77	-2.28
13	62.79	60.48	-2.31

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-30 CL601 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CL601		PROFILE WEIGHT: 32,400 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	91.43	90.38	-1.05
1	91.67	90.08	-1.59
1.5	88.55	87.03	-1.52
2	87.03	85.20	-1.83
2.5	85.12	83.35	-1.77
3	83.69	81.93	-1.76
3.5	81.79	79.42	-2.37
4	79.47	77.15	-2.32
4.5	78.77	76.15	-2.62
5	76.93	74.51	-2.42
5.5	75.66	73.59	-2.07
6	74.83	72.73	-2.10
6.5	74.16	71.87	-2.29
7	73.83	71.52	-2.31
7.5	73.13	70.89	-2.24
8	72.35	69.94	-2.41
8.5	71.63	69.08	-2.55
9	71.35	68.62	-2.73
9.5	70.47	67.64	-2.83
10	69.77	66.92	-2.85
10.5	67.93	65.46	-2.47
11	67.68	65.12	-2.56
11.5	66.96	64.55	-2.41
12	66.62	64.17	-2.45
12.5	66.19	63.66	-2.53
13	65.88	63.36	-2.52

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-31 CNA172 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA172		PROFILE WEIGHT: 2,450 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	77.30	75.71	-1.59
1	77.54	75.38	-2.16
1.5	74.23	71.61	-2.62
2	72.07	69.64	-2.43
2.5	70.27	68.04	-2.23
3	69.06	66.88	-2.18
3.5	67.49	65.36	-2.13
4	66.11	64.09	-2.02
4.5	65.96	63.84	-2.12
5	65.00	62.93	-2.07
5.5	64.43	62.36	-2.07
6	63.96	61.87	-2.09
6.5	63.59	61.43	-2.16
7	63.52	61.28	-2.24
7.5	63.17	60.95	-2.22
8	62.66	60.40	-2.26
8.5	62.23	59.91	-2.32
9	62.15	59.75	-2.40
9.5	61.63	59.10	-2.53
10	61.23	58.61	-2.62
10.5	59.99	57.51	-2.48
11	59.87	57.28	-2.59
11.5	59.39	56.78	-2.61
12	59.15	56.51	-2.64
12.5	58.86	56.21	-2.65
13	58.59	56.03	-2.56

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-32 CNA182 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA182		PROFILE WEIGHT: 2,800 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	80.92	80.16	-0.76
1	81.15	79.85	-1.30
1.5	78.10	76.71	-1.39
2	76.42	74.99	-1.43
2.5	74.70	73.28	-1.42
3	73.35	71.80	-1.55
3.5	71.50	70.23	-1.27
4	70.06	68.94	-1.12
4.5	69.93	68.72	-1.21
5	68.96	67.80	-1.16
5.5	68.41	67.25	-1.16
6	67.96	66.73	-1.23
6.5	67.60	66.05	-1.55
7	67.52	65.89	-1.63
7.5	66.93	65.57	-1.36
8	66.38	65.02	-1.36
8.5	65.95	64.54	-1.41
9	65.88	64.34	-1.54
9.5	65.37	63.45	-1.92
10	64.99	62.92	-2.07
10.5	63.71	61.85	-1.86
11	63.36	61.82	-1.54
11.5	62.82	61.48	-1.34
12	62.60	61.23	-1.37
12.5	62.39	60.84	-1.55
13	62.35	60.48	-1.87

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-33 CNA206 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA206		PROFILE WEIGHT: 3,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	86.28	85.78	-0.50
1	86.50	85.48	-1.02
1.5	83.34	82.44	-0.90
2	82.10	81.14	-0.96
2.5	80.77	79.48	-1.29
3	79.37	78.38	-0.99
3.5	77.95	77.04	-0.91
4	76.73	75.93	-0.80
4.5	76.59	75.72	-0.87
5	75.77	74.93	-0.84
5.5	75.29	74.44	-0.85
6	74.88	73.98	-0.90
6.5	74.56	73.43	-1.13
7	74.46	73.29	-1.17
7.5	73.99	73.01	-0.98
8	73.53	72.55	-0.98
8.5	73.16	72.15	-1.01
9	73.09	72.01	-1.08
9.5	72.66	71.40	-1.26
10	72.33	70.93	-1.40
10.5	71.31	70.00	-1.31
11	71.15	69.78	-1.37
11.5	70.69	69.33	-1.36
12	70.46	69.08	-1.38
12.5	70.21	68.80	-1.41
13	69.94	68.62	-1.32

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-34 CNA208 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA208		PROFILE WEIGHT: 8,500 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	93.46	92.87	-0.59
1	93.67	92.54	-1.13
1.5	90.47	89.08	-1.39
2	88.65	87.48	-1.17
2.5	86.79	85.37	-1.42
3	85.27	83.92	-1.35
3.5	83.39	82.15	-1.24
4	81.76	80.76	-1.00
4.5	81.59	80.50	-1.09
5	80.55	79.52	-1.03
5.5	79.95	78.91	-1.04
6	79.45	78.37	-1.08
6.5	79.06	77.58	-1.48
7	78.97	77.43	-1.54
7.5	78.28	77.08	-1.20
8	77.73	76.49	-1.24
8.5	77.27	75.99	-1.28
9	77.19	75.84	-1.35
9.5	76.63	75.01	-1.62
10	76.22	74.53	-1.69
10.5	74.92	73.39	-1.53
11	74.68	73.35	-1.33
11.5	74.19	72.98	-1.21
12	73.95	72.73	-1.22
12.5	73.72	72.38	-1.34
13	73.67	72.07	-1.60

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-35 CNA20T SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA20T		PROFILE WEIGHT: 3,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	86.28	85.78	-0.50
1	86.50	85.48	-1.02
1.5	83.34	82.44	-0.90
2	82.10	81.14	-0.96
2.5	80.77	79.48	-1.29
3	79.37	78.38	-0.99
3.5	77.95	77.04	-0.91
4	76.73	75.93	-0.80
4.5	76.59	75.72	-0.87
5	75.77	74.93	-0.84
5.5	75.29	74.44	-0.85
6	74.88	73.98	-0.90
6.5	74.56	73.43	-1.13
7	74.46	73.29	-1.17
7.5	73.99	73.01	-0.98
8	73.53	72.55	-0.98
8.5	73.16	72.15	-1.01
9	73.09	72.01	-1.08
9.5	72.66	71.40	-1.26
10	72.33	70.93	-1.40
10.5	71.31	70.00	-1.31
11	71.15	69.78	-1.37
11.5	70.69	69.33	-1.36
12	70.46	69.08	-1.38
12.5	70.21	68.80	-1.41
13	69.94	68.62	-1.32

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-36 CNA441 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA441		PROFILE WEIGHT: 8,424 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	87.13	86.40	-0.73
1	87.35	86.07	-1.28
1.5	84.17	82.93	-1.24
2	82.67	81.35	-1.32
2.5	81.05	79.78	-1.27
3	79.85	78.47	-1.38
3.5	78.12	76.71	-1.41
4	76.50	75.19	-1.31
4.5	76.23	74.76	-1.47
5	75.08	73.43	-1.65
5.5	74.11	72.78	-1.33
6	73.53	72.20	-1.33
6.5	73.10	71.51	-1.59
7	72.98	71.33	-1.65
7.5	72.41	70.94	-1.47
8	71.83	70.31	-1.52
8.5	71.32	69.77	-1.55
9	71.21	69.58	-1.63
9.5	70.63	68.67	-1.96
10	70.19	68.09	-2.10
10.5	68.87	66.92	-1.95
11	68.59	66.85	-1.74
11.5	67.96	66.45	-1.51
12	67.70	66.11	-1.59
12.5	67.45	65.49	-1.96
13	67.38	65.17	-2.21

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-37 CNA500 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA500		PROFILE WEIGHT: 12,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	88.94	88.10	-0.84
1	89.17	87.74	-1.43
1.5	85.71	84.29	-1.42
2	84.05	82.49	-1.56
2.5	82.20	80.68	-1.52
3	80.79	79.14	-1.65
3.5	78.75	76.93	-1.82
4	76.73	75.02	-1.71
4.5	76.32	74.37	-1.95
5	74.83	72.83	-2.00
5.5	73.68	72.05	-1.63
6	72.99	71.30	-1.69
6.5	72.45	70.51	-1.94
7	72.24	70.30	-1.94
7.5	71.60	69.81	-1.79
8	70.92	69.03	-1.89
8.5	70.31	68.33	-1.98
9	70.14	68.01	-2.13
9.5	69.41	67.07	-2.34
10	68.85	66.28	-2.57
10.5	67.19	64.66	-2.53
11	66.96	64.32	-2.64
11.5	66.19	63.72	-2.47
12	65.77	63.12	-2.65
12.5	65.12	62.71	-2.41
13	64.96	62.31	-2.65

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-38 CNA510 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA510		PROFILE WEIGHT: 6,480 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	88.62	87.89	-0.73
1	88.84	87.61	-1.23
1.5	86.06	84.95	-1.11
2	84.73	83.40	-1.33
2.5	83.12	81.74	-1.38
3	81.80	80.33	-1.47
3.5	79.91	77.94	-1.97
4	77.70	75.89	-1.81
4.5	77.39	75.25	-2.14
5	75.67	73.09	-2.58
5.5	74.55	72.17	-2.38
6	73.21	70.97	-2.24
6.5	72.68	70.27	-2.41
7	72.01	69.69	-2.32
7.5	71.44	69.16	-2.28
8	70.55	68.47	-2.08
8.5	69.70	67.24	-2.46
9	69.79	67.02	-2.77
9.5	68.87	66.29	-2.58
10	67.86	65.30	-2.56
10.5	66.08	63.68	-2.40
11	66.18	63.41	-2.77
11.5	65.21	62.62	-2.59
12	64.79	62.31	-2.48
12.5	64.51	61.88	-2.63
13	64.07	61.54	-2.53

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-39 CNA525C SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA525C		PROFILE WEIGHT: 13,950 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	94.37	93.09	-1.28
1	94.64	92.75	-1.89
1.5	90.92	89.06	-1.86
2	89.13	87.18	-1.95
2.5	87.17	85.27	-1.90
3	85.65	83.59	-2.06
3.5	83.36	80.78	-2.58
4	80.78	78.32	-2.46
4.5	80.05	77.30	-2.75
5	78.11	75.40	-2.71
5.5	76.67	74.25	-2.42
6	75.65	73.17	-2.48
6.5	74.81	72.10	-2.71
7	74.33	71.60	-2.73
7.5	73.43	70.83	-2.60
8	72.48	69.72	-2.76
8.5	71.61	68.69	-2.92
9	71.21	68.06	-3.15
9.5	70.20	66.93	-3.27
10	69.35	66.05	-3.30
10.5	67.31	64.42	-2.89
11	66.94	64.05	-2.89
11.5	66.07	63.47	-2.60
12	65.68	62.87	-2.81
12.5	65.05	62.48	-2.57
13	64.85	62.12	-2.73

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-40 CNA55B SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA55B		PROFILE WEIGHT: 12,150 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	93.52	92.60	-0.92
1	93.77	92.26	-1.51
1.5	90.39	88.90	-1.49
2	88.78	87.17	-1.61
2.5	87.00	85.41	-1.59
3	85.63	83.91	-1.72
3.5	83.62	81.01	-2.61
4	80.99	78.29	-2.70
4.5	79.96	76.82	-3.14
5	77.76	74.98	-2.78
5.5	75.99	74.16	-1.83
6	75.26	73.27	-1.99
6.5	74.71	72.27	-2.44
7	74.38	72.08	-2.30
7.5	73.55	71.48	-2.07
8	72.86	70.28	-2.58
8.5	72.19	69.56	-2.63
9	71.74	69.31	-2.43
9.5	70.84	68.34	-2.50
10	70.28	67.56	-2.72
10.5	68.45	65.95	-2.50
11	68.30	65.64	-2.66
11.5	67.52	65.04	-2.48
12	67.17	64.66	-2.51
12.5	66.75	64.14	-2.61
13	66.46	63.85	-2.61

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-41 CNA560U SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA560U		PROFILE WEIGHT: 13,680 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	90.68	89.27	-1.41
1	90.93	88.88	-2.05
1.5	87.04	84.92	-2.12
2	85.16	82.92	-2.24
2.5	83.11	80.89	-2.22
3	81.53	79.02	-2.51
3.5	79.06	75.38	-3.68
4	75.78	72.07	-3.71
4.5	74.47	70.33	-4.14
5	71.84	68.75	-3.09
5.5	69.99	68.29	-1.70
6	69.62	67.93	-1.69
6.5	69.41	67.50	-1.91
7	69.66	67.76	-1.90
7.5	69.35	67.67	-1.68
8	68.94	67.20	-1.74
8.5	68.63	66.86	-1.77
9	68.89	67.08	-1.81
9.5	68.42	66.23	-2.19
10	68.18	64.92	-3.26
10.5	66.57	62.31	-4.26
11	66.70	61.68	-5.02
11.5	65.48	60.39	-5.09
12	64.40	59.54	-4.86
12.5	63.51	58.56	-4.95
13	62.87	57.92	-4.95

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-42 CNA560XL SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA560XL		PROFILE WEIGHT:16,830 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	94.84	93.63	-1.21
1	95.07	93.26	-1.81
1.5	91.40	89.56	-1.84
2	89.61	87.60	-2.01
2.5	87.57	85.58	-1.99
3	85.97	83.77	-2.20
3.5	83.56	80.70	-2.86
4	80.76	77.87	-2.89
4.5	79.87	76.62	-3.25
5	77.64	74.71	-2.93
5.5	75.98	73.74	-2.24
6	75.17	72.86	-2.31
6.5	74.53	71.97	-2.56
7	74.34	71.72	-2.62
7.5	73.63	71.13	-2.50
8	72.77	70.19	-2.58
8.5	72.02	69.37	-2.65
9	71.85	69.08	-2.77
9.5	70.98	67.92	-3.06
10	70.31	67.18	-3.13
10.5	68.31	65.11	-3.20
11	68.06	64.90	-3.16
11.5	67.28	64.16	-3.12
12	66.83	63.56	-3.27
12.5	66.10	63.11	-2.99
13	66.01	62.64	-3.37

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-43 CNA680 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA680		PROFILE WEIGHT: 24,390 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	91.64	90.79	-0.85
1	91.88	90.45	-1.43
1.5	88.42	87.02	-1.40
2	86.72	85.07	-1.65
2.5	84.67	83.10	-1.57
3	83.12	81.46	-1.66
3.5	80.94	78.87	-2.07
4	78.59	76.65	-1.94
4.5	77.98	75.68	-2.30
5	76.20	73.95	-2.25
5.5	74.78	73.13	-1.65
6	74.02	72.28	-1.74
6.5	73.46	71.28	-2.18
7	73.15	71.08	-2.07
7.5	72.30	70.53	-1.77
8	71.64	69.40	-2.24
8.5	70.97	68.73	-2.24
9	70.58	68.48	-2.10
9.5	69.70	67.61	-2.09
10	69.18	66.82	-2.36
10.5	67.49	65.35	-2.14
11	67.36	65.06	-2.30
11.5	66.58	64.45	-2.13
12	66.24	64.11	-2.13
12.5	65.87	63.62	-2.25
13	65.54	63.31	-2.23

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-44 CNA750 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CNA750		PROFILE WEIGHT: 28,620 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.84	95.72	-1.12
1	97.12	95.29	-1.83
1.5	92.56	90.67	-1.89
2	90.31	88.28	-2.03
2.5	87.79	85.89	-1.90
3	85.93	84.31	-1.62
3.5	83.79	82.11	-1.68
4	81.75	80.23	-1.52
4.5	81.60	79.94	-1.66
5	80.10	78.25	-1.85
5.5	79.25	77.25	-2.00
6	78.34	76.40	-1.94
6.5	77.63	75.49	-2.14
7	77.37	75.16	-2.21
7.5	76.64	74.56	-2.08
8	75.79	73.62	-2.17
8.5	75.05	72.73	-2.32
9	74.80	72.26	-2.54
9.5	73.93	71.30	-2.63
10	73.20	70.39	-2.81
10.5	71.27	68.62	-2.65
11	71.04	68.33	-2.71
11.5	70.09	67.57	-2.52
12	69.56	67.06	-2.50
12.5	68.91	66.60	-2.31
13	68.77	66.23	-2.54

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-45 COMSEP SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: COMSEP		PROFILE WEIGHT: 2,160 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	84.39	83.24	-1.15
1	84.65	82.94	-1.71
1.5	81.52	79.85	-1.67
2	80.06	78.32	-1.74
2.5	78.49	76.80	-1.69
3	77.31	75.60	-1.71
3.5	75.69	74.08	-1.61
4	74.31	72.77	-1.54
4.5	74.19	72.53	-1.66
5	73.21	71.33	-1.88
5.5	72.50	70.60	-1.90
6	71.85	69.89	-1.96
6.5	71.35	69.02	-2.33
7	71.11	68.72	-2.39
7.5	70.35	68.25	-2.10
8	69.68	67.55	-2.13
8.5	69.12	66.93	-2.19
9	68.92	66.63	-2.29
9.5	68.28	65.56	-2.72
10	67.78	64.87	-2.91
10.5	66.42	63.73	-2.69
11	65.96	63.63	-2.33
11.5	65.23	63.21	-2.02
12	64.93	62.72	-2.21
12.5	64.67	62.06	-2.61
13	64.58	61.69	-2.89

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-46 CRJ9-ER SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: CRJ9-ER		PROFILE WEIGHT: 73,500 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	94.51	93.81	-0.70
1	94.74	93.50	-1.24
1.5	91.70	90.54	-1.16
2	90.27	89.01	-1.26
2.5	88.69	87.43	-1.26
3	87.45	86.23	-1.22
3.5	85.81	84.42	-1.39
4	84.17	82.66	-1.51
4.5	83.82	82.41	-1.41
5	82.54	81.12	-1.42
5.5	81.83	80.46	-1.37
6	81.21	79.89	-1.32
6.5	80.75	79.23	-1.52
7	80.62	79.09	-1.53
7.5	80.10	78.67	-1.43
8	79.54	77.93	-1.61
8.5	79.03	77.25	-1.78
9	78.91	76.99	-1.92
9.5	78.21	76.30	-1.91
10	77.65	75.57	-2.08
10.5	76.03	74.15	-1.88
11	76.03	74.05	-1.98
11.5	75.34	73.32	-2.02
12	74.99	72.89	-2.10
12.5	74.67	72.50	-2.17
13	74.48	72.07	-2.41

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-47 DC1030 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: DC1030		PROFILE WEIGHT: 362,700 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	102.44	101.12	-1.32
1	102.69	100.75	-1.94
1.5	98.95	96.94	-2.01
2	97.14	94.94	-2.20
2.5	95.10	92.91	-2.19
3	93.53	91.17	-2.36
3.5	91.24	88.21	-3.03
4	88.60	85.57	-3.03
4.5	87.74	84.43	-3.31
5	85.68	82.50	-3.18
5.5	84.22	81.34	-2.88
6	83.17	80.30	-2.87
6.5	82.36	79.27	-3.09
7	82.01	78.73	-3.28
7.5	81.18	77.92	-3.26
8	80.13	76.75	-3.38
8.5	79.21	75.70	-3.51
9	78.84	75.19	-3.65
9.5	77.77	74.04	-3.73
10	76.92	73.35	-3.57
10.5	74.79	71.73	-3.06
11	74.38	71.50	-2.88
11.5	73.65	70.80	-2.85
12	73.26	70.43	-2.83
12.5	72.89	70.01	-2.88
13	72.53	69.66	-2.87

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-48 DC870 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: DC870		PROFILE WEIGHT: 232,200 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	98.44	97.48	-0.96
1	98.68	97.14	-1.54
1.5	95.34	93.82	-1.52
2	93.76	92.12	-1.64
2.5	92.02	90.41	-1.61
3	90.69	89.02	-1.67
3.5	88.84	87.07	-1.77
4	87.08	85.39	-1.69
4.5	86.75	84.93	-1.82
5	85.47	83.47	-2.00
5.5	84.60	82.57	-2.03
6	83.75	81.78	-1.97
6.5	83.11	80.99	-2.12
7	82.86	80.50	-2.36
7.5	82.20	79.76	-2.44
8	81.33	78.83	-2.50
8.5	80.52	77.99	-2.53
9	80.22	77.60	-2.62
9.5	79.37	76.58	-2.79
10	78.69	75.89	-2.80
10.5	76.95	74.46	-2.49
11	76.60	74.16	-2.44
11.5	75.94	73.52	-2.42
12	75.56	73.13	-2.43
12.5	75.21	72.68	-2.53
13	74.87	72.38	-2.49

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-49 DHC6 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: DHC6		PROFILE WEIGHT: 11,070 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	96.44	95.70	-0.74
1	96.66	95.37	-1.29
1.5	93.49	92.23	-1.26
2	91.99	90.66	-1.33
2.5	90.38	89.10	-1.28
3	89.18	87.72	-1.46
3.5	87.39	85.70	-1.69
4	85.53	84.00	-1.53
4.5	85.09	83.34	-1.75
5	83.78	81.82	-1.96
5.5	82.55	81.13	-1.42
6	81.92	80.50	-1.42
6.5	81.46	79.69	-1.77
7	81.29	79.47	-1.82
7.5	80.60	79.05	-1.55
8	79.98	78.39	-1.59
8.5	79.45	77.81	-1.64
9	79.31	77.58	-1.73
9.5	78.70	76.57	-2.13
10	78.23	75.96	-2.27
10.5	76.88	74.80	-2.08
11	76.50	74.74	-1.76
11.5	75.83	74.35	-1.48
12	75.57	73.97	-1.60
12.5	75.32	73.32	-2.00
13	75.26	72.99	-2.27

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-50 DHC8 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: DHC8		PROFILE WEIGHT: 30,500 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	87.00	86.38	-0.62
1	87.22	86.02	-1.20
1.5	83.78	82.59	-1.19
2	82.12	80.76	-1.36
2.5	80.23	78.92	-1.31
3	78.80	77.40	-1.40
3.5	76.80	75.49	-1.31
4	75.02	73.81	-1.21
4.5	74.82	73.43	-1.39
5	73.55	72.00	-1.55
5.5	72.59	71.26	-1.33
6	71.92	70.58	-1.34
6.5	71.44	69.82	-1.62
7	71.31	69.64	-1.67
7.5	70.67	69.23	-1.44
8	70.00	68.56	-1.44
8.5	69.44	67.98	-1.46
9	69.35	67.80	-1.55
9.5	68.72	66.88	-1.84
10	68.25	66.23	-2.02
10.5	66.75	64.91	-1.84
11	66.52	64.83	-1.69
11.5	65.85	64.16	-1.69
12	65.55	63.72	-1.83
12.5	65.28	63.33	-1.95
13	65.17	63.09	-2.08

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-51 DHC830 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: DHC830		PROFILE WEIGHT: 37,800 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	86.11	85.49	-0.62
1	86.33	85.13	-1.20
1.5	82.89	81.70	-1.19
2	81.23	79.87	-1.36
2.5	79.34	78.03	-1.31
3	77.91	76.51	-1.40
3.5	75.90	74.59	-1.31
4	74.12	72.91	-1.21
4.5	73.92	72.54	-1.38
5	72.65	71.13	-1.52
5.5	71.72	70.39	-1.33
6	71.05	69.73	-1.32
6.5	70.57	69.03	-1.54
7	70.46	68.85	-1.61
7.5	69.89	68.45	-1.44
8	69.21	67.78	-1.43
8.5	68.66	67.19	-1.47
9	68.57	67.02	-1.55
9.5	67.93	66.17	-1.76
10	67.47	65.57	-1.90
10.5	65.98	64.24	-1.74
11	65.80	64.18	-1.62
11.5	65.18	63.59	-1.59
12	64.89	63.16	-1.73
12.5	64.62	62.78	-1.84
13	64.54	62.57	-1.97

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-52 DO328 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: DO328		PROFILE WEIGHT: 29,167 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	97.64	96.88	-0.76
1	97.87	96.48	-1.39
1.5	94.08	92.68	-1.40
2	92.19	90.63	-1.56
2.5	90.03	88.52	-1.51
3	88.34	86.64	-1.70
3.5	85.80	84.21	-1.59
4	83.46	81.77	-1.69
4.5	83.09	81.15	-1.94
5	81.02	79.45	-1.57
5.5	80.03	78.27	-1.76
6	78.93	77.42	-1.51
6.5	78.17	76.49	-1.68
7	78.03	76.22	-1.81
7.5	77.23	75.69	-1.54
8	76.30	74.80	-1.50
8.5	75.54	74.01	-1.53
9	75.42	73.76	-1.66
9.5	74.54	72.75	-1.79
10	73.89	71.99	-1.90
10.5	71.80	70.24	-1.56
11	71.63	70.17	-1.46
11.5	70.87	69.59	-1.28
12	70.48	69.18	-1.30
12.5	70.11	68.70	-1.41
13	70.03	68.40	-1.63

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-53 ECLIPSE500 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: ECLIPSE500		PROFILE WEIGHT: 5,040 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	82.21	81.39	-0.82
1	82.43	81.05	-1.38
1.5	79.18	77.83	-1.35
2	77.65	76.24	-1.41
2.5	76.03	74.65	-1.38
3	74.79	73.26	-1.53
3.5	72.96	71.48	-1.48
4	71.30	70.05	-1.25
4.5	71.17	69.80	-1.37
5	70.08	68.76	-1.32
5.5	69.45	68.09	-1.36
6	68.93	67.53	-1.40
6.5	68.48	66.98	-1.50
7	68.37	66.92	-1.45
7.5	67.96	66.58	-1.38
8	67.47	65.96	-1.51
8.5	67.02	65.39	-1.63
9	66.95	65.19	-1.76
9.5	66.36	64.47	-1.89
10	65.90	63.91	-1.99
10.5	64.44	62.72	-1.72
11	64.36	62.45	-1.91
11.5	63.78	61.98	-1.80
12	63.60	61.83	-1.77
12.5	63.33	61.46	-1.87
13	63.06	61.22	-1.84

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-54 EMB145 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: EMB145		PROFILE WEIGHT: 37,105 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	92.30	91.26	-1.04
1	92.56	90.97	-1.59
1.5	89.43	87.87	-1.56
2	87.96	86.31	-1.65
2.5	86.34	84.70	-1.64
3	85.07	83.36	-1.71
3.5	83.27	81.53	-1.74
4	81.57	80.02	-1.55
4.5	81.47	79.76	-1.71
5	80.26	78.21	-2.05
5.5	79.48	77.26	-2.22
6	78.61	76.41	-2.20
6.5	77.92	75.49	-2.43
7	77.58	75.08	-2.50
7.5	76.82	74.43	-2.39
8	76.01	73.42	-2.59
8.5	75.29	72.44	-2.85
9	74.97	71.88	-3.09
9.5	74.05	70.87	-3.18
10	73.25	69.69	-3.56
10.5	71.32	67.95	-3.37
11	71.06	67.43	-3.63
11.5	70.00	66.45	-3.55
12	69.36	65.87	-3.49
12.5	68.84	65.20	-3.64
13	68.24	64.63	-3.61

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-55 EMB175 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: EMB175		PROFILE WEIGHT: 67,461 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	95.15	94.25	-0.90
1	95.39	93.96	-1.43
1.5	92.41	91.07	-1.34
2	91.00	89.51	-1.49
2.5	89.41	87.93	-1.48
3	88.18	86.65	-1.53
3.5	86.45	85.01	-1.44
4	84.94	83.43	-1.51
4.5	84.74	80.93	-3.81
5	83.22	78.88	-4.34
5.5	79.62	78.13	-1.49
6	78.77	77.49	-1.28
6.5	78.29	76.71	-1.58
7	78.18	76.33	-1.85
7.5	77.48	75.66	-1.82
8	76.80	74.79	-2.01
8.5	76.02	73.97	-2.05
9	75.73	73.67	-2.06
9.5	74.86	72.82	-2.04
10	74.17	72.10	-2.07
10.5	72.54	70.65	-1.89
11	72.36	70.41	-1.95
11.5	71.71	69.87	-1.84
12	71.34	69.46	-1.88
12.5	71.03	69.04	-1.99
13	70.82	68.85	-1.97

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-56 EMB190 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: EMB190		PROFILE WEIGHT: 87,303 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	94.42	93.63	-0.79
1	94.65	93.34	-1.31
1.5	91.78	90.56	-1.22
2	90.43	89.10	-1.33
2.5	88.93	87.63	-1.30
3	87.78	86.45	-1.33
3.5	86.17	84.93	-1.24
4	84.78	83.53	-1.25
4.5	84.60	81.81	-2.79
5	83.41	80.34	-3.07
5.5	80.89	79.73	-1.16
6	80.28	79.18	-1.10
6.5	79.88	78.50	-1.38
7	79.80	78.12	-1.68
7.5	79.18	77.54	-1.64
8	78.55	76.74	-1.81
8.5	77.88	76.03	-1.85
9	77.58	75.74	-1.84
9.5	76.80	74.98	-1.82
10	76.19	74.32	-1.87
10.5	74.73	73.04	-1.69
11	74.57	72.82	-1.75
11.5	73.98	72.35	-1.63
12	73.64	71.97	-1.67
12.5	73.38	71.59	-1.79
13	73.19	71.43	-1.76

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-57 GASEPF SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: GASEPF		PROFILE WEIGHT: 1,980 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	81.15	80.00	-1.15
1	81.40	79.70	-1.70
1.5	78.27	76.61	-1.66
2	76.80	75.07	-1.73
2.5	75.23	73.54	-1.69
3	74.05	72.34	-1.71
3.5	72.43	70.81	-1.62
4	71.04	69.50	-1.54
4.5	70.91	69.26	-1.65
5	69.93	68.12	-1.81
5.5	69.24	67.46	-1.78
6	68.66	66.82	-1.84
6.5	68.21	66.03	-2.18
7	68.03	65.80	-2.23
7.5	67.35	65.40	-1.95
8	66.74	64.78	-1.96
8.5	66.23	64.23	-2.00
9	66.10	64.00	-2.10
9.5	65.53	63.05	-2.48
10	65.08	62.38	-2.70
10.5	63.79	61.24	-2.55
11	63.42	61.15	-2.27
11.5	62.73	60.75	-1.98
12	62.44	60.45	-1.99
12.5	62.18	59.99	-2.19
13	62.10	59.59	-2.51

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-58 GASEPV SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: GASEPV		PROFILE WEIGHT: 2,700 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	88.83	87.70	-1.13
1	89.09	87.41	-1.68
1.5	85.96	84.32	-1.64
2	84.50	82.80	-1.70
2.5	82.93	81.27	-1.66
3	81.76	80.08	-1.68
3.5	80.14	78.56	-1.58
4	78.75	77.25	-1.50
4.5	78.64	77.02	-1.62
5	77.66	75.65	-2.01
5.5	76.92	74.68	-2.24
6	76.07	73.74	-2.33
6.5	75.37	72.69	-2.68
7	74.93	72.16	-2.77
7.5	74.03	71.45	-2.58
8	73.16	70.53	-2.63
8.5	72.39	69.68	-2.71
9	72.00	69.15	-2.85
9.5	71.16	68.03	-3.13
10	70.46	67.44	-3.02
10.5	68.91	66.33	-2.58
11	68.38	66.27	-2.11
11.5	67.76	65.88	-1.88
12	67.50	65.61	-1.89
12.5	67.26	65.22	-2.04
13	67.19	64.89	-2.30

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-59 GIIB SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: GIIB		PROFILE WEIGHT: 52,650 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	97.16	95.29	-1.87
1	96.49	94.23	-2.26
1.5	92.78	90.46	-2.32
2	90.63	87.98	-2.65
2.5	88.22	85.45	-2.77
3	86.17	83.13	-3.04
3.5	83.50	81.27	-2.23
4	81.76	79.63	-2.13
4.5	81.61	79.31	-2.30
5	80.36	77.67	-2.69
5.5	79.45	76.53	-2.92
6	78.48	75.42	-3.06
6.5	77.63	74.33	-3.30
7	77.13	73.65	-3.48
7.5	76.25	72.75	-3.50
8	75.19	71.64	-3.55
8.5	74.14	70.62	-3.52
9	73.73	70.02	-3.71
9.5	72.72	68.82	-3.90
10	71.88	68.19	-3.69
10.5	69.92	66.79	-3.13
11	69.46	66.73	-2.73
11.5	68.80	66.14	-2.66
12	68.53	65.66	-2.87
12.5	68.25	65.31	-2.94
13	68.18	65.06	-3.12

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-60 GIV SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: GIV		PROFILE WEIGHT: 59,400 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	91.37	90.63	-0.74
1	91.60	90.33	-1.27
1.5	88.69	87.50	-1.19
2	87.31	85.93	-1.38
2.5	85.69	84.30	-1.39
3	84.41	82.83	-1.58
3.5	82.46	80.64	-1.82
4	80.42	78.73	-1.69
4.5	80.03	78.13	-1.90
5	78.52	76.67	-1.85
5.5	77.51	75.88	-1.63
6	76.81	75.17	-1.64
6.5	76.25	74.49	-1.76
7	76.06	74.28	-1.78
7.5	75.53	73.76	-1.77
8	74.86	72.88	-1.98
8.5	74.23	72.10	-2.13
9	74.05	71.77	-2.28
9.5	73.24	70.87	-2.37
10	72.60	70.16	-2.44
10.5	70.78	68.62	-2.16
11	70.64	68.29	-2.35
11.5	69.94	67.71	-2.23
12	69.61	67.33	-2.28
12.5	69.17	66.80	-2.37
13	68.88	66.51	-2.37

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-61 GV SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: GV		PROFILE WEIGHT: 67,770 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	92.10	91.29	-0.81
1	92.32	90.94	-1.38
1.5	88.99	87.63	-1.36
2	87.41	85.98	-1.43
2.5	85.72	84.31	-1.41
3	84.41	82.81	-1.60
3.5	82.43	80.51	-1.92
4	80.35	78.45	-1.90
4.5	79.74	77.95	-1.79
5	78.24	76.61	-1.63
5.5	77.38	75.92	-1.46
6	76.75	75.33	-1.42
6.5	76.28	74.72	-1.56
7	76.16	74.58	-1.58
7.5	75.70	74.17	-1.53
8	75.12	73.46	-1.66
8.5	74.59	72.81	-1.78
9	74.47	72.54	-1.93
9.5	73.80	71.81	-1.99
10	73.27	71.10	-2.17
10.5	71.70	69.74	-1.96
11	71.64	69.43	-2.21
11.5	70.94	68.85	-2.09
12	70.61	68.51	-2.10
12.5	70.25	68.02	-2.23
13	69.92	67.71	-2.21

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-62 IA1125 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: IA1125		PROFILE WEIGHT: 18,630 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	87.90	86.82	-1.08
1	88.14	86.50	-1.64
1.5	84.96	83.35	-1.61
2	83.45	81.66	-1.79
2.5	81.72	79.93	-1.79
3	80.38	78.46	-1.92
3.5	78.43	76.17	-2.26
4	76.34	74.15	-2.19
4.5	75.87	73.42	-2.45
5	74.26	71.74	-2.52
5.5	73.13	70.79	-2.34
6	72.26	69.92	-2.34
6.5	71.59	69.01	-2.58
7	71.27	68.64	-2.63
7.5	70.53	68.00	-2.53
8	69.72	66.99	-2.73
8.5	68.99	66.02	-2.97
9	68.70	65.51	-3.19
9.5	67.78	64.55	-3.23
10	67.01	63.64	-3.37
10.5	65.03	62.04	-2.99
11	64.81	61.69	-3.12
11.5	63.91	61.03	-2.88
12	63.46	60.65	-2.81
12.5	63.03	60.13	-2.90
13	62.61	59.79	-2.82

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-63 LEAR25 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: LEAR25		PROFILE WEIGHT: 12,200 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	102.88	101.39	-1.49
1	103.16	101.10	-2.06
1.5	99.86	97.83	-2.03
2	98.31	96.18	-2.13
2.5	96.60	94.50	-2.10
3	95.29	93.06	-2.23
3.5	93.35	90.33	-3.02
4	90.85	87.80	-3.05
4.5	89.97	86.57	-3.40
5	87.95	84.60	-3.35
5.5	86.41	83.30	-3.11
6	85.28	82.04	-3.24
6.5	84.32	80.85	-3.47
7	83.69	80.15	-3.54
7.5	82.72	79.38	-3.34
8	81.59	78.60	-2.99
8.5	80.55	77.92	-2.63
9	79.98	77.70	-2.28
9.5	78.80	76.81	-1.99
10	78.24	76.11	-2.13
10.5	76.49	74.52	-1.97
11	76.38	74.19	-2.19
11.5	75.66	73.62	-2.04
12	75.32	73.23	-2.09
12.5	74.86	72.69	-2.17
13	74.58	72.42	-2.16

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-64 LEAR35 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: LEAR35		PROFILE WEIGHT: 13,800 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	91.68	90.36	-1.32
1	91.93	90.01	-1.92
1.5	88.35	86.40	-1.95
2	86.63	84.57	-2.06
2.5	84.75	82.69	-2.06
3	83.28	81.04	-2.24
3.5	81.07	78.35	-2.72
4	78.65	76.36	-2.29
4.5	77.99	75.96	-2.03
5	76.15	74.50	-1.65
5.5	75.10	73.74	-1.36
6	74.45	73.04	-1.41
6.5	73.95	72.32	-1.63
7	73.81	72.18	-1.63
7.5	73.23	71.75	-1.48
8	72.57	71.00	-1.57
8.5	71.98	70.34	-1.64
9	71.89	70.12	-1.77
9.5	71.18	69.23	-1.95
10	70.65	68.49	-2.16
10.5	68.95	66.84	-2.11
11	68.82	66.54	-2.28
11.5	68.08	65.97	-2.11
12	67.70	65.38	-2.32
12.5	67.09	64.98	-2.11
13	66.95	64.62	-2.33

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-65 MD11PW SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: MD11PW		PROFILE WEIGHT: 390,000 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	100.53	100.04	-0.49
1	101.02	100.03	-0.99
1.5	98.29	97.38	-0.91
2	97.00	95.58	-1.42
2.5	95.05	93.81	-1.24
3	93.74	92.52	-1.22
3.5	91.93	90.46	-1.47
4	89.97	88.62	-1.35
4.5	89.70	88.22	-1.48
5	88.32	86.75	-1.57
5.5	87.43	85.94	-1.49
6	86.65	85.29	-1.36
6.5	86.12	84.68	-1.44
7	86.05	84.45	-1.60
7.5	85.58	84.00	-1.58
8	84.84	83.29	-1.55
8.5	84.23	82.67	-1.56
9	84.11	82.50	-1.61
9.5	83.44	81.74	-1.70
10	82.94	81.13	-1.81
10.5	81.44	79.76	-1.68
11	81.31	79.67	-1.64
11.5	80.75	79.21	-1.54
12	80.42	78.90	-1.52
12.5	80.12	78.42	-1.70
13	80.03	78.15	-1.88

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-66 MD83 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: MD83		PROFILE WEIGHT: 125,600 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	91.76	91.21	-0.55
1	92.00	90.91	-1.09
1.5	88.88	87.76	-1.12
2	87.45	86.31	-1.14
2.5	85.86	84.77	-1.09
3	84.68	83.58	-1.10
3.5	83.07	82.09	-0.98
4	81.68	80.74	-0.94
4.5	81.60	80.52	-1.08
5	80.52	79.45	-1.07
5.5	79.92	78.91	-1.01
6	79.44	78.40	-1.04
6.5	79.07	77.92	-1.15
7	78.98	77.86	-1.12
7.5	78.64	77.56	-1.08
8	78.16	77.00	-1.16
8.5	77.74	76.43	-1.31
9	77.72	76.36	-1.36
9.5	77.08	75.78	-1.30
10	76.69	74.37	-2.32
10.5	75.24	72.28	-2.96
11	74.31	71.29	-3.02
11.5	70.79	69.94	-0.85
12	70.02	68.72	-1.30
12.5	69.73	67.94	-1.79
13	69.81	67.87	-1.94

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-67 MD9025 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: MD9025		PROFILE WEIGHT: 127,800 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	94.47	93.60	-0.87
1	94.71	93.31	-1.40
1.5	91.73	90.47	-1.26
2	90.26	88.65	-1.61
2.5	88.31	86.79	-1.52
3	86.86	85.40	-1.46
3.5	85.04	83.41	-1.63
4	83.24	81.72	-1.52
4.5	82.93	81.21	-1.72
5	81.58	79.98	-1.60
5.5	80.73	79.36	-1.37
6	80.19	78.81	-1.38
6.5	79.77	78.24	-1.53
7	79.68	78.15	-1.53
7.5	79.25	77.81	-1.44
8	78.72	77.21	-1.51
8.5	78.24	76.68	-1.56
9	78.18	76.50	-1.68
9.5	77.61	75.86	-1.75
10	77.18	75.24	-1.94
10.5	75.80	74.03	-1.77
11	75.77	73.95	-1.82
11.5	75.15	73.48	-1.67
12	74.89	73.12	-1.77
12.5	74.63	72.76	-1.87
13	74.54	72.40	-2.14

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-68 MU3001 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: MU3001		PROFILE WEIGHT: 11,900 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	90.54	89.06	-1.48
1	90.80	88.75	-2.05
1.5	87.42	85.36	-2.06
2	85.81	83.56	-2.25
2.5	83.97	81.73	-2.24
3	82.54	80.14	-2.40
3.5	80.43	76.97	-3.46
4	77.59	74.08	-3.51
4.5	76.44	73.32	-3.12
5	74.11	71.85	-2.26
5.5	72.45	71.09	-1.36
6	71.80	70.38	-1.42
6.5	71.29	69.64	-1.65
7	71.15	69.52	-1.63
7.5	70.56	69.06	-1.50
8	69.90	68.24	-1.66
8.5	69.31	67.52	-1.79
9	69.21	67.27	-1.94
9.5	68.44	66.31	-2.13
10	67.86	65.46	-2.40
10.5	66.00	63.62	-2.38
11	65.87	63.30	-2.57
11.5	65.02	62.65	-2.37
12	64.58	62.01	-2.57
12.5	63.92	61.58	-2.34
13	63.75	61.18	-2.57

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-69 PA28 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

AEDT AIRCRAFT MODEL: PA28		PROFILE WEIGHT: 2,325 LBS	
RECEPTORS (NM)	AEDT STANDARD PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	81.15	80.00	-1.15
1	81.40	79.70	-1.70
1.5	78.27	76.61	-1.66
2	76.80	75.07	-1.73
2.5	75.23	73.54	-1.69
3	74.05	72.34	-1.71
3.5	72.43	70.81	-1.62
4	71.04	69.50	-1.54
4.5	70.91	69.26	-1.65
5	69.93	68.12	-1.81
5.5	69.24	67.46	-1.78
6	68.66	66.82	-1.84
6.5	68.21	66.03	-2.18
7	68.03	65.80	-2.23
7.5	67.35	65.40	-1.95
8	66.74	64.78	-1.96
8.5	66.23	64.23	-2.00
9	66.10	64.00	-2.10
9.5	65.53	63.05	-2.48
10	65.08	62.38	-2.70
10.5	63.79	61.24	-2.55
11	63.42	61.15	-2.27
11.5	62.73	60.75	-1.98
12	62.44	60.45	-1.99
12.5	62.18	59.99	-2.19
13	62.10	59.59	-2.51

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

TABLE B-70 T41 SEL COMPARISONS - STANDARD VS. USER DEFINED PROFILES

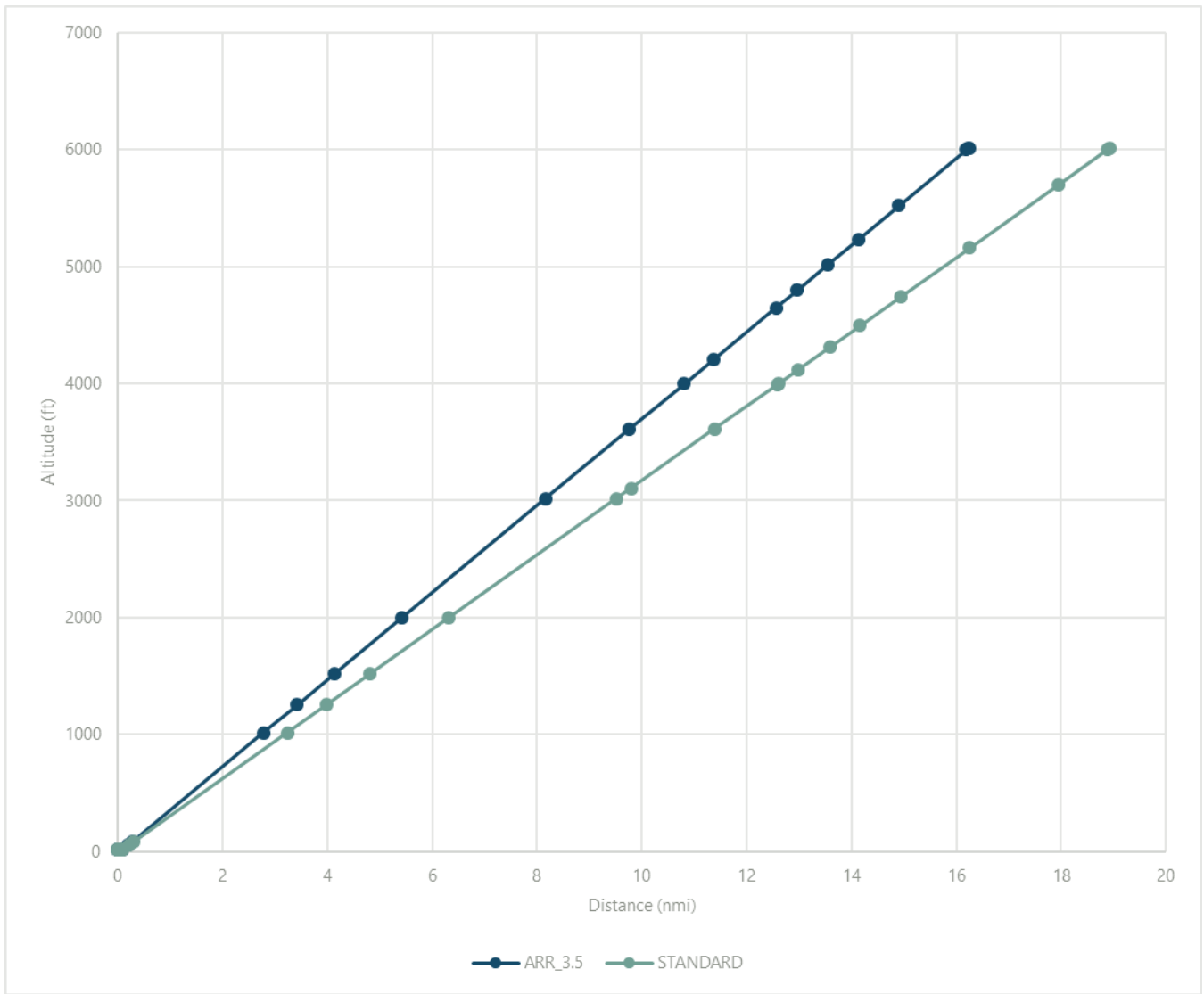
AEDT AIRCRAFT MODEL: T41		PROFILE WEIGHT: 90,000 LBS	
RECEPTORS (NM)	AEDT NOISEMAP PROFILE (SEL dBA)	USER-DEFINED PROFILE (SEL dBA)	DIFFERENCE
0.5	77.30	75.71	-1.59
1	77.54	75.38	-2.16
1.5	74.23	71.61	-2.62
2	72.07	69.64	-2.43
2.5	70.27	68.04	-2.23
3	69.06	66.88	-2.18
3.5	67.49	65.36	-2.13
4	66.11	64.09	-2.02
4.5	65.96	63.84	-2.12
5	65.00	62.93	-2.07
5.5	64.43	62.36	-2.07
6	63.96	61.87	-2.09
6.5	63.59	61.43	-2.16
7	63.52	61.28	-2.24
7.5	63.17	60.95	-2.22
8	62.66	60.40	-2.26
8.5	62.23	59.91	-2.32
9	62.15	59.75	-2.40
9.5	61.63	59.10	-2.53
10	61.23	58.61	-2.62
10.5	59.99	57.51	-2.48
11	59.87	57.28	-2.59
11.5	59.39	56.78	-2.61
12	59.15	56.51	-2.64
12.5	58.86	56.21	-2.65
13	58.59	56.03	-2.56

SOURCE: Ricondo & Associates, Inc., December 2019 (FAA AEDT noise model calculations based on Harris Miller Miller & Hanson user-defined aircraft arrival profiles)

APPENDIX C COMPARATIVE AIRCRAFT PERFORMANCE CHARTS AND TABLES

Appendix C contains comparative aircraft performance charts for the 70 aircraft.

EXHIBIT C-1 1900D ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

nmi – nautical miles

ft. – feet

ARR_3.5 – user defined 3.5-degree approach performance profile

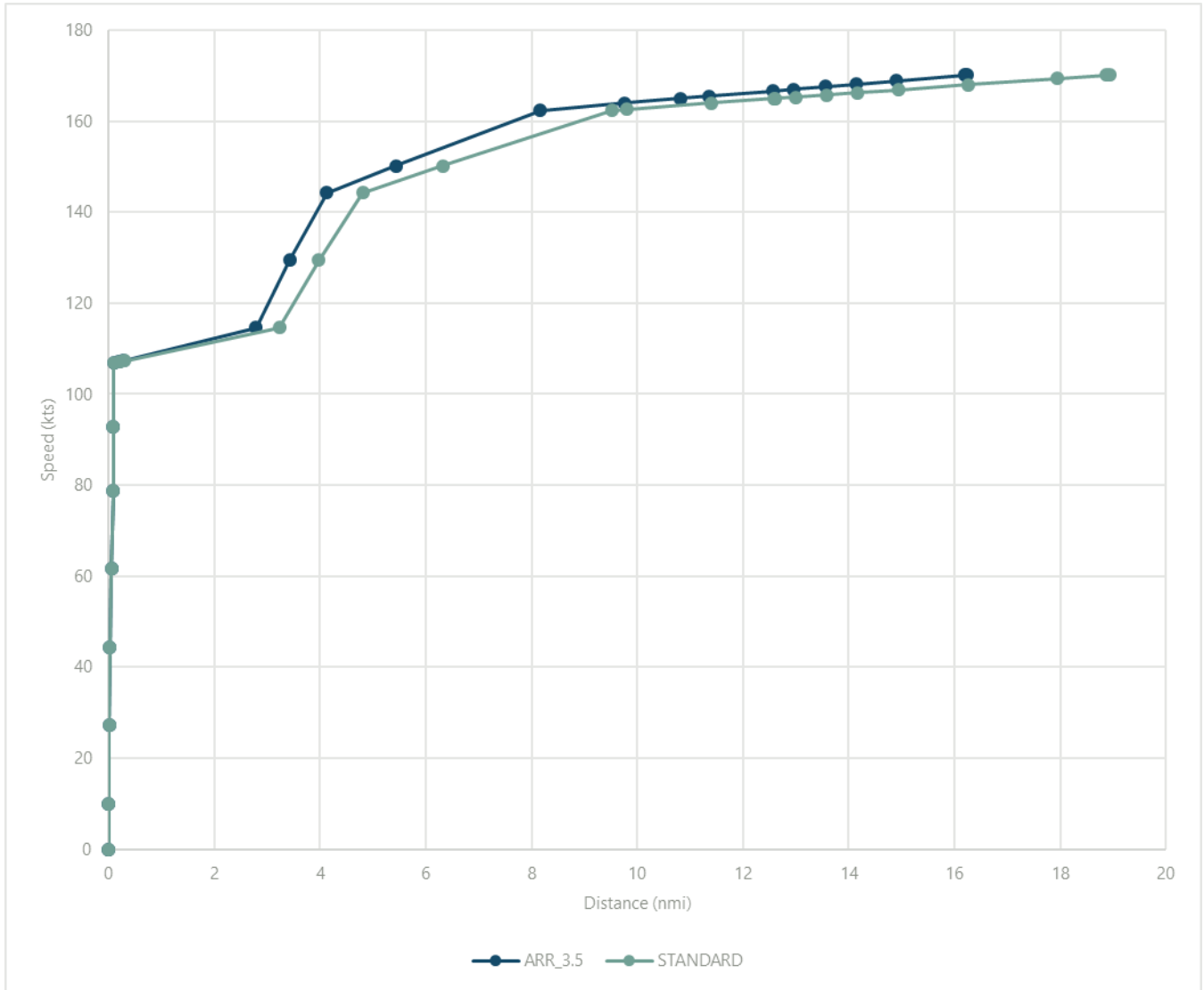
Altitude – height above airfield elevation

Distance – cumulative distance starting from end of landing roll on Runway 27

Standard – AEDT Standard aircraft performance profile

SOURCE: Harris Miller Miller and Hanson, November 2019.

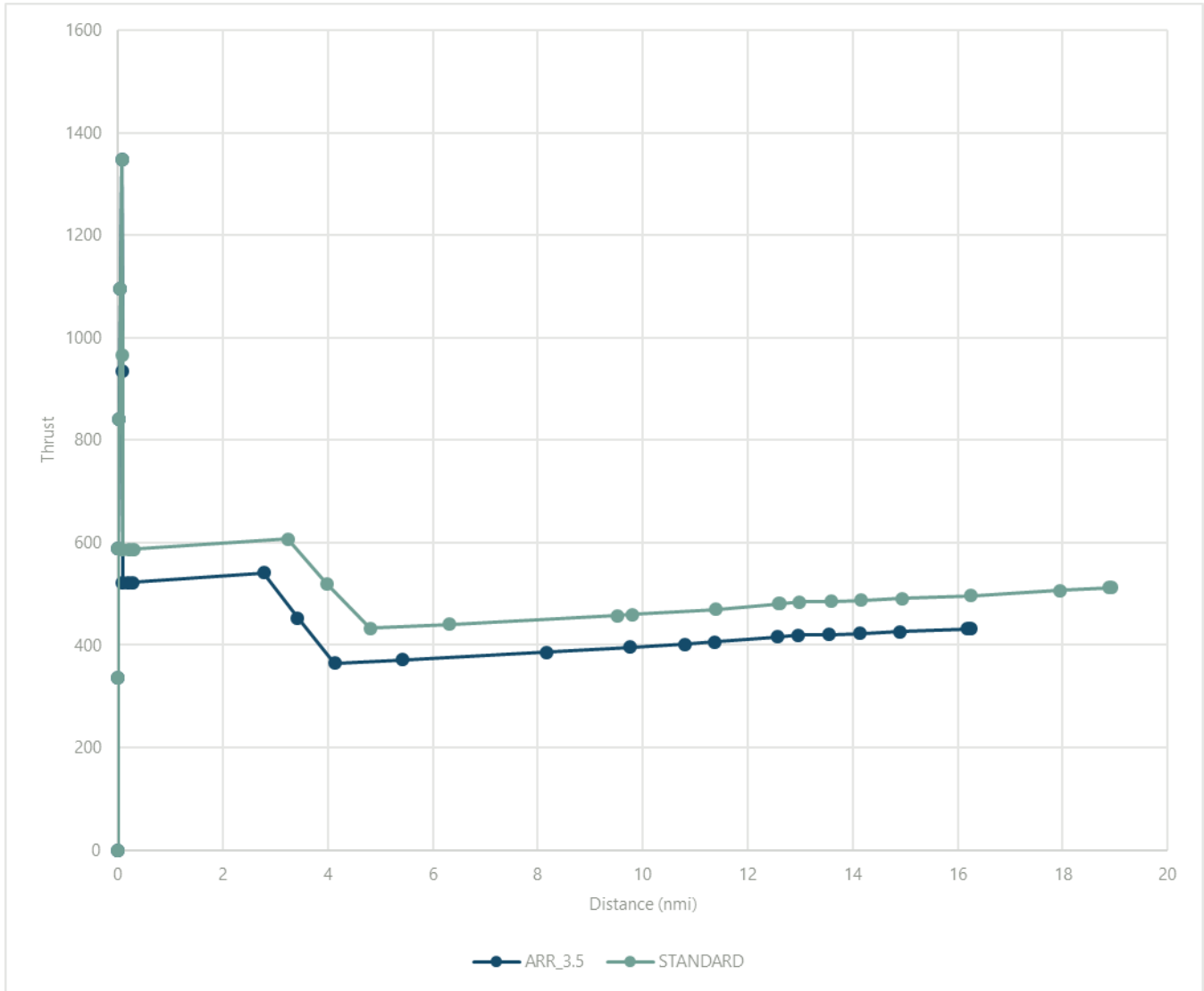
EXHIBIT C-2 1900D SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - kts - knots
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-3 1900D THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-1 1900D PERFORMANCE DATA COMPARISON

STANDARD					USER-DEFINED				
DISTANCE (NM)	CUMULATIVE DISTANCE (NM)	ALTITUDE (FT. AFE)	SPEED (KTS)	NET CORRECTED THRUST (LBS)	DISTANCE (NM)	CUMULATIVE DISTANCE (NM)	ALTITUDE (FT. AFE)	SPEED (KTS)	NET CORRECTED THRUST (LBS)
18.93631225	0	6016.4	170.1506559	511.8463544	16.2392458	0	6016.4	170.1506559	431.8761553
18.88292628	0.053385971	5999.4	170.1073708	511.5540499	16.22179877	0.017447021	6009.916143	170.1341853	431.7825794
17.93909925	0.997213	5698.851761	169.3421202	506.3863084	16.19350151	0.045744282	5999.4	170.1073718	431.6504055
16.25146651	2.684845748	5161.449213	167.9649287	497.0093689	14.90254797	1.336697825	5519.641459	168.8841094	425.620479
14.9322157	4.004096551	4741.352635	166.8804404	490.4513334	14.13855156	2.100694233	5235.7166	168.155924	422.5526349
14.16821929	4.76809296	4498.068889	166.2491635	487.1753039	13.55433634	2.684909452	5018.60403	167.5969582	421.0721032
13.58400408	5.352308179	4312.033895	165.7648146	485.3994988	12.96013713	3.279108669	4797.781096	167.0265211	419.176547
12.98980486	5.946507396	4122.81964	165.2707324	483.6486296	12.56017367	3.679072129	4649.142218	166.6414526	416.3273929
12.60222384	6.334088414	3999.4	164.9476475	480.4766363	11.36073796	4.878507836	4203.394555	165.4813125	405.508065
12.5898414	6.346470856	3995.456988	164.9373256	480.3752974	10.81182122	5.427424573	3999.4	164.9460028	402.1117646
11.39040569	7.545906563	3613.513816	163.9334184	469.5008882	9.766090452	6.473155345	3610.773878	163.9261945	395.6415375
9.795758183	9.140554071	3105.72109	162.5891273	459.3766067	8.16672536	8.072520436	3016.4	162.3515144	386.1653628
9.515258589	9.421053665	3016.4	162.3515144	457.6713271	5.430140933	10.80910486	1999.4	150.0942758	371.6512542
6.321521397	12.61479086	1999.4	150.0942758	440.6299409	4.130465142	12.10878065	1516.4	144.2729914	364.7581229
4.804731757	14.1315805	1516.4	144.2729914	432.5365392	3.419264055	12.81998174	1252.095527	129.458326	452.7105655
3.974722881	14.96158937	1252.095527	129.458326	520.0139616	2.78504507	13.45420073	1016.4	114.6436605	540.6630081
3.234556146	15.70175611	1016.4	114.6436605	607.4913839	0.271800374	15.96744542	82.4	107.3436757	522.2152008
0.301468105	18.63484415	82.4	107.3436757	586.8929243	0.190837743	16.04840805	52.31176471	107.1002389	521.6104716
0.206980479	18.72933178	52.31176471	107.1002389	586.217777	0.094204924	16.14504087	16.4	106.808959	520.8868937
0.094204924	18.84210733	16.4	106.808959	585.4099417	0.089142179	16.15010362	16.4	92.78241623	933.8434468
0.089142179	18.84717008	16.4	92.78241623	966.1049708	0.084791015	16.15445478	16.4	78.75587348	1346.8
0.084791015	18.85152124	16.4	78.75587348	1346.8	0.051289755	16.18795604	16.4	61.57660373	1094.275
0.051289755	18.8850225	16.4	61.57660373	1094.275	0.025990832	16.21325496	16.4	44.39733398	841.75
0.025990832	18.91032142	16.4	44.39733398	841.75	0.008894247	16.23035155	16.4	27.21806423	589.225
0.008894247	18.92741801	16.4	27.21806423	589.225	0	16.2392458	16.4	0	0
0	18.93631225	16.4	0	0	0	16.2392458	16.4	10.03879448	336.7
0	18.93631225	16.4	10.03879448	336.7					

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

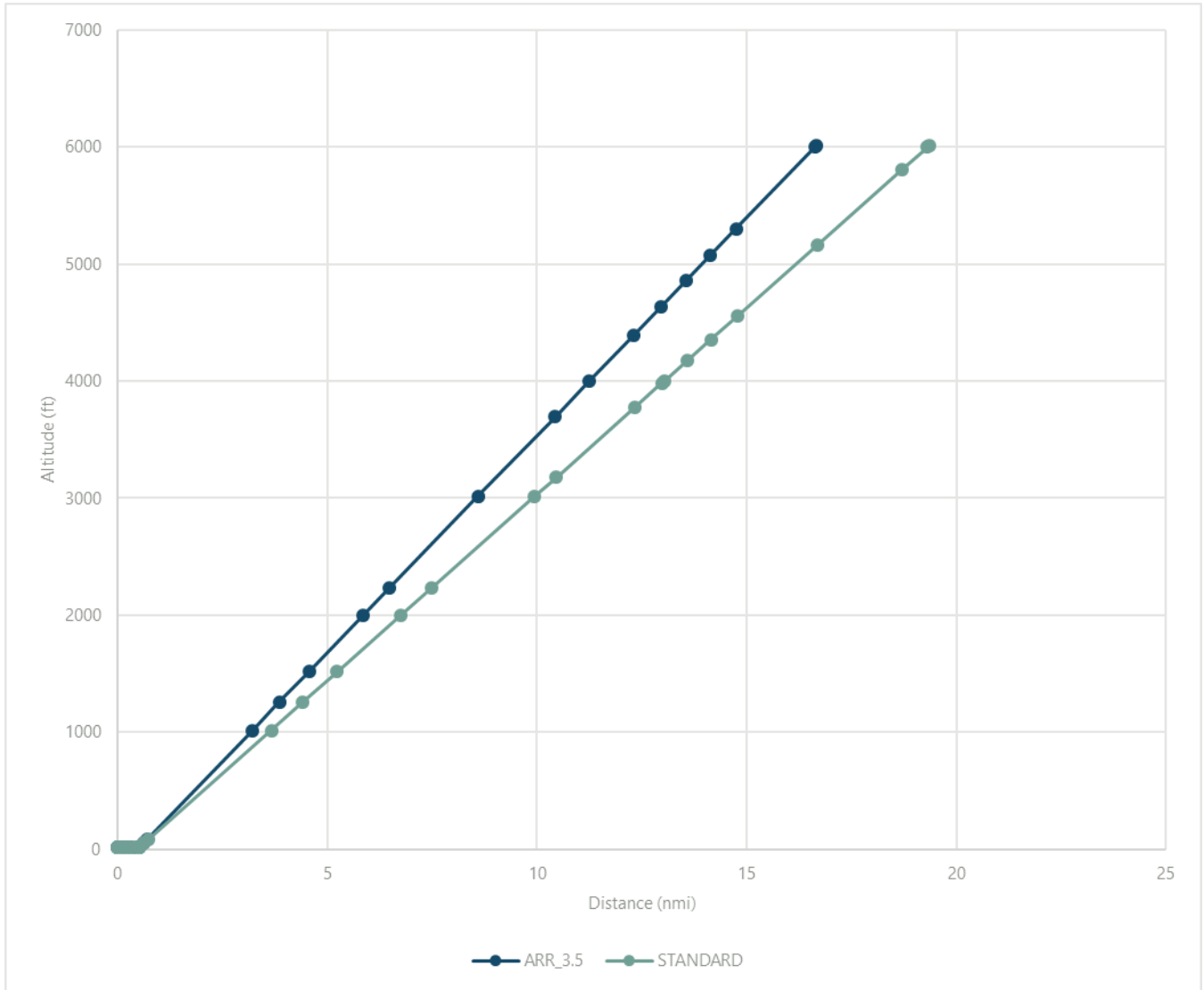
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

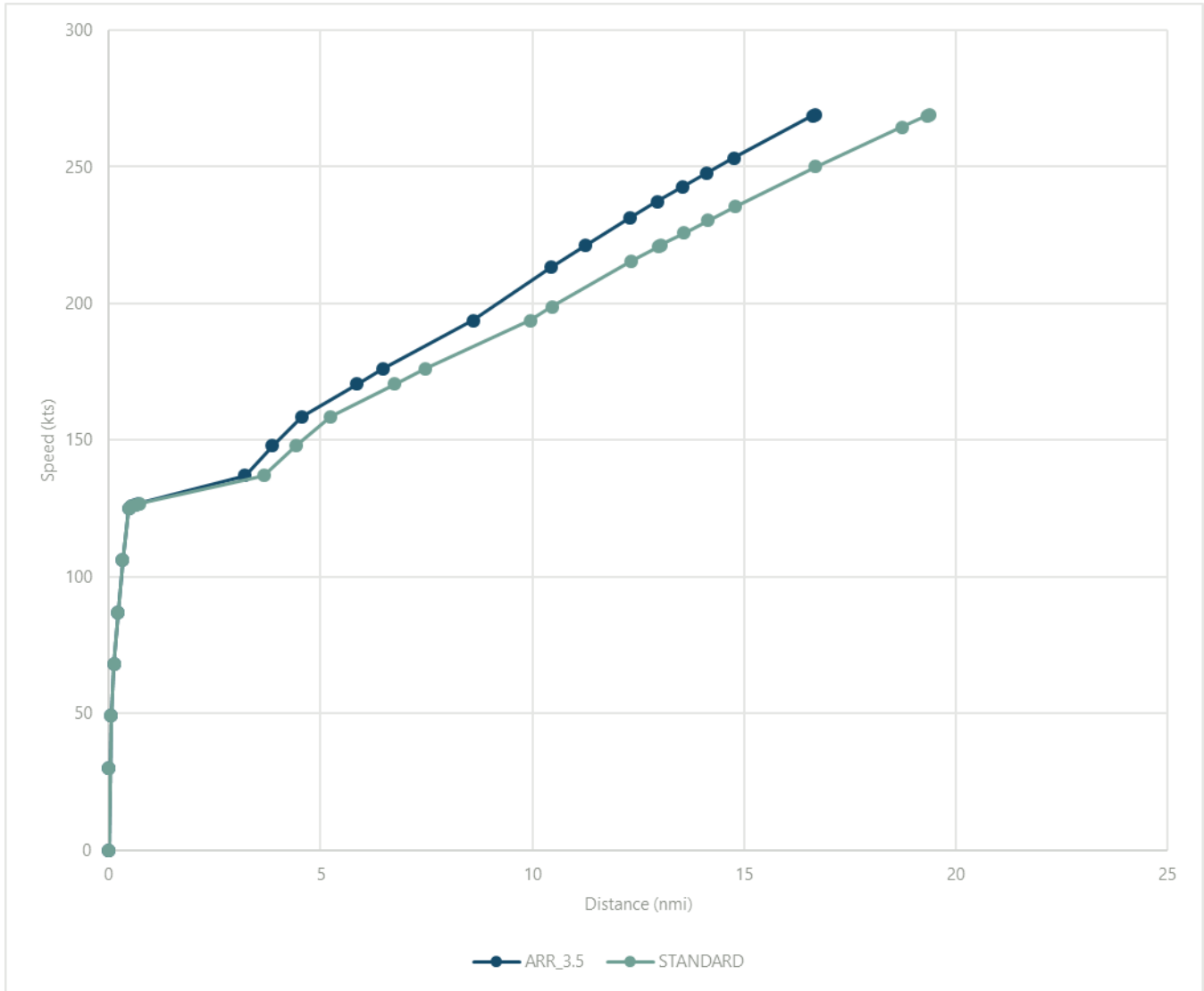
EXHIBIT C-1 717200 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

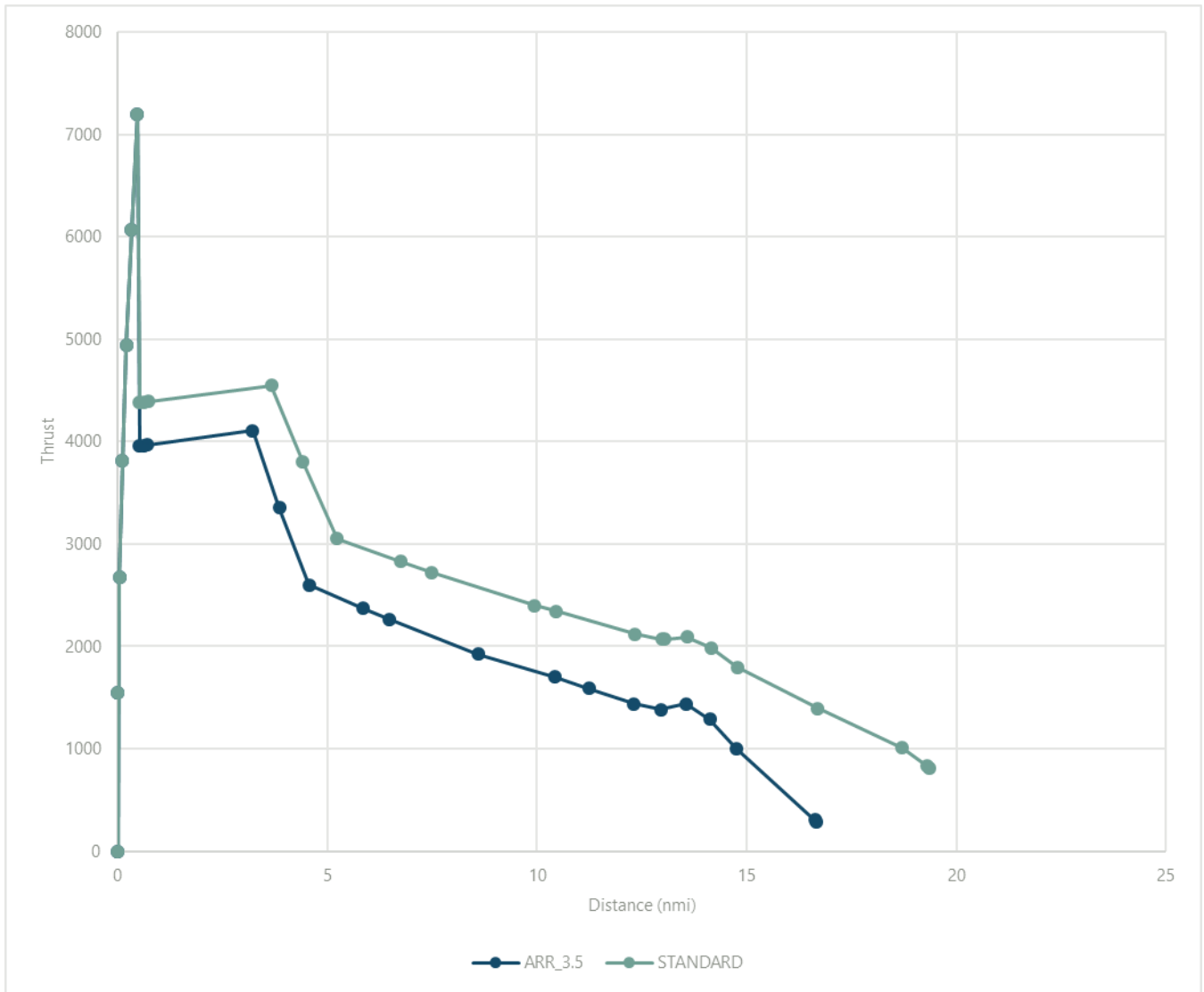
EXHIBIT C-2 717200 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-3 717200 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-2 717200 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.66939	0	6016.4	268.9935	288.4409	19.36646	0	6016.4	268.9935	815.3388
16.62364	0.045744	5999.4	268.616	305.4795	19.31307	0.053386	5999.4	268.6241	831.3827
14.74901	1.920378	5302.728	253.1453	1003.736	18.7181	0.648352	5809.942	264.5064	1010.186
14.12373	2.545655	5070.355	247.7664	1286.786	16.69107	2.675384	5164.462	249.9587	1391.687
13.55155	3.117843	4857.712	242.7398	1437.321	14.77868	4.587777	4555.488	235.411	1796.339
12.95005	3.719342	4634.177	237.3409	1385.039	14.1534	5.213053	4356.378	230.4553	1983.131
12.3074	4.361986	4395.35	231.4337	1440.557	13.58121	5.785242	4174.172	225.8252	2091.547
11.24196	5.427425	3999.4	221.1093	1587.231	13.03237	6.334088	3999.4	221.2884	2070.036
10.43047	6.238917	3697.824	213.2458	1698.945	12.97972	6.38674	3982.634	220.8532	2067.973
8.596869	8.07252	3016.4	193.8368	1926.207	12.33707	7.029385	3777.993	215.4143	2119.484
6.477982	10.19141	2228.956	176.2391	2263.952	10.46014	8.906316	3180.311	198.6787	2340.175
5.860284	10.8091	1999.4	170.5699	2372.76	9.945402	9.421054	3016.4	193.8368	2398.855
4.560608	12.10878	1516.4	158.6415	2601.698	7.472551	11.8939	2228.956	176.2391	2724.503
3.863345	12.80604	1257.275	147.8489	3353.477	6.751665	12.61479	1999.4	170.5699	2829.413
3.215188	13.4542	1016.4	137.0564	4105.257	5.234875	14.13158	1516.4	158.6415	3050.15
0.701944	15.96745	82.4	126.702	3965.425	4.421133	14.94532	1257.275	147.8489	3798.379
0.620981	16.04841	52.31176	126.3543	3960.843	3.664699	15.70176	1016.4	137.0564	4546.608
0.524348	16.14504	16.4	125.9381	3955.357	0.731611	18.63484	82.4	126.702	4392.607
0.471913	16.19748	16.4	124.9343	7200	0.637124	18.72933	52.31176	126.3543	4387.561
0.331357	16.33803	16.4	105.9707	6069.6	0.524348	18.84211	16.4	125.9381	4381.52
0.213887	16.4555	16.4	87.00715	4939.2	0.471913	18.89454	16.4	124.9343	7200
0.119504	16.54988	16.4	68.04356	3808.8	0.331357	19.0351	16.4	105.9707	6069.6
0.048209	16.62118	16.4	49.07997	2678.4	0.213887	19.15257	16.4	87.00715	4939.2
0	16.66939	16.4	0	0	0.119504	19.24695	16.4	68.04356	3808.8
0	16.66939	16.4	30.11638	1548	0.048209	19.31825	16.4	49.07997	2678.4
					0	19.36646	16.4	0	0
					0	19.36646	16.4	30.11638	1548

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

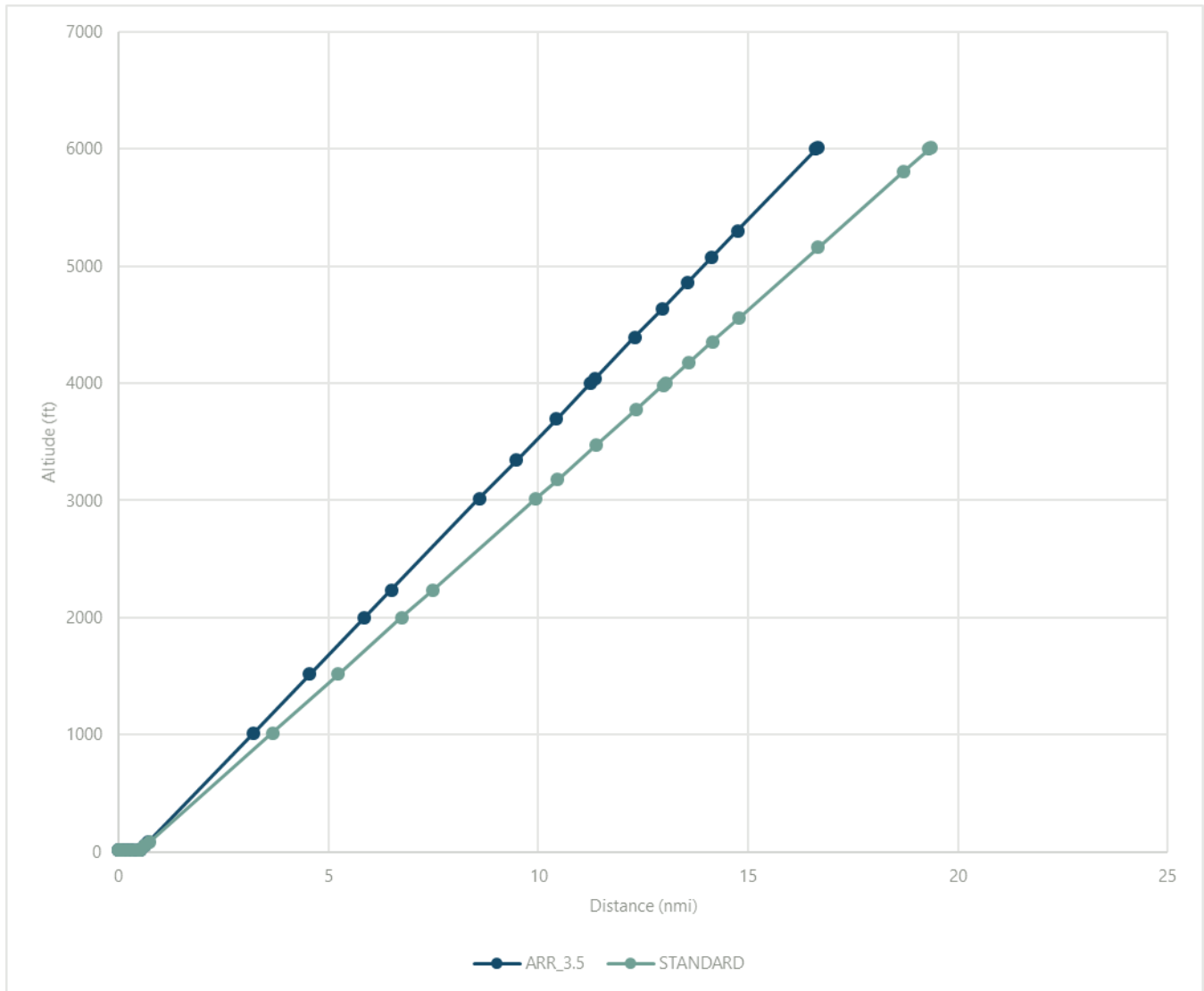
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

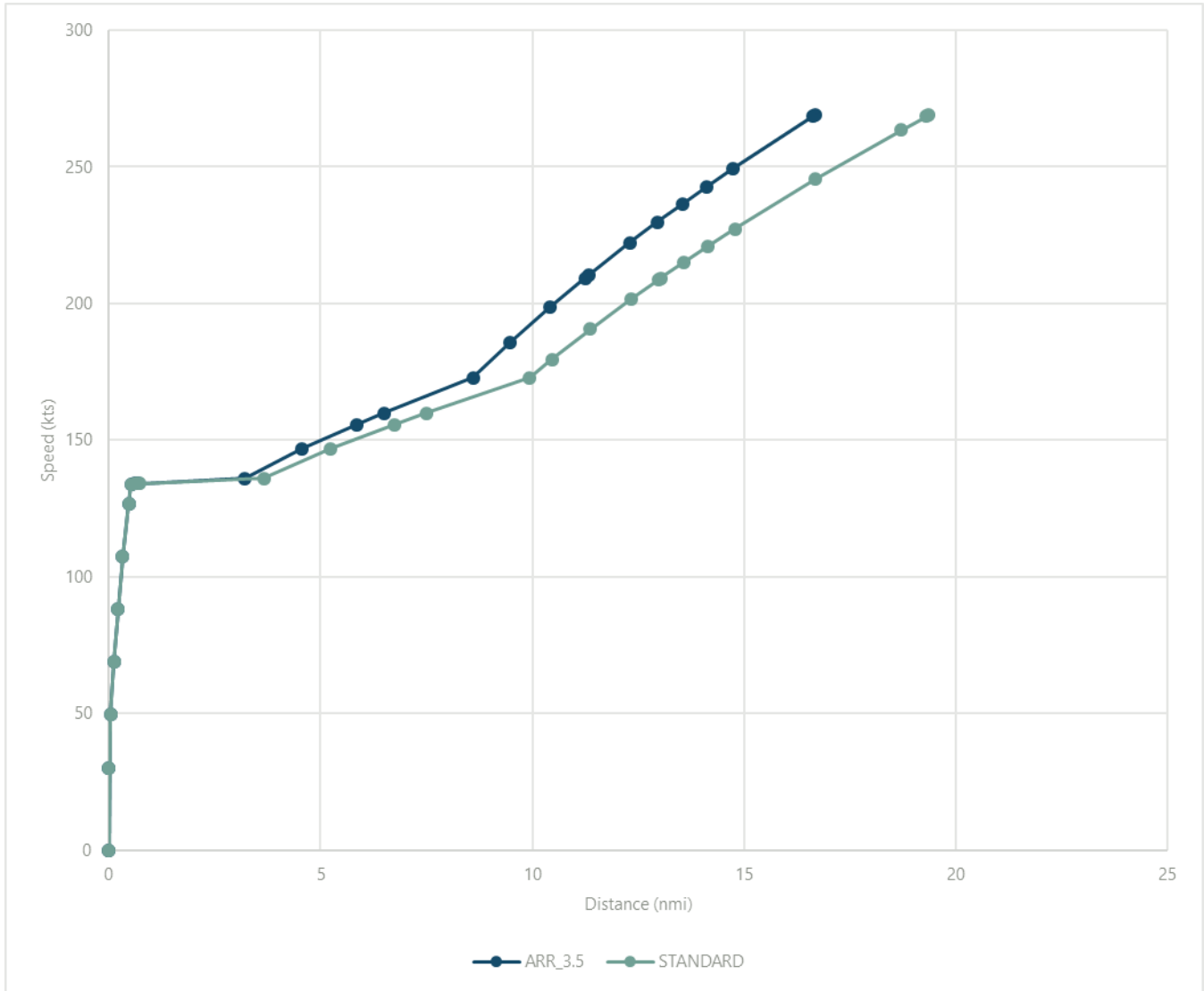
EXHIBIT C-4 737300 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

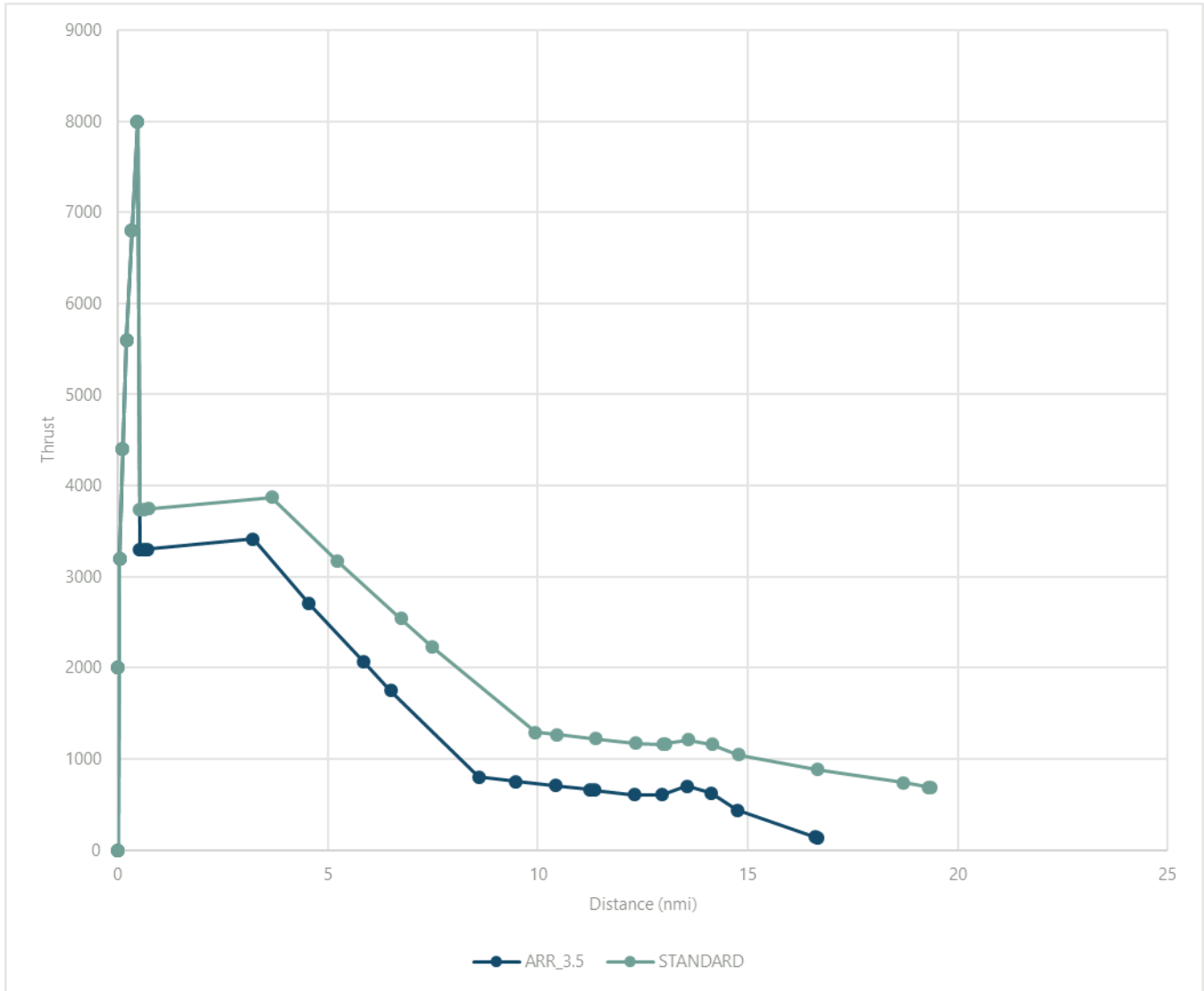
EXHIBIT C-5 737300 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-6 737300 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
- Thrust – net corrected thrust in pounds
- ARR_3.5 – user defined 3.5-degree approach performance profile
- Altitude – height above airfield elevation
- Distance – cumulative distance starting from end of landing roll on Runway 27
- Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-3 737300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.66643	0	6016.4	268.9935	135.3559	19.36349	0	6016.4	268.9935	681.4138
16.62068	0.045744	5999.4	268.5292	142.5652	19.31011	0.053386	5999.4	268.5414	686.4511
14.74605	1.920378	5302.728	249.5026	438.0049	18.71514	0.648352	5809.942	263.5032	742.59
14.12077	2.545655	5070.355	242.8189	628.4682	16.67281	2.690687	5159.589	245.4071	883.9545
13.54858	3.117843	4857.712	236.5373	704.8877	14.77572	4.587777	4555.488	227.3109	1044.93
12.94709	3.719342	4634.177	229.7488	605.7276	14.15044	5.213053	4356.378	221.022	1158.246
12.30444	4.361986	4395.35	222.267	606.4767	13.57825	5.785242	4174.172	215.106	1211.133
11.33984	5.326591	4036.873	210.5383	656.5905	13.0294	6.334088	3999.4	209.2665	1166.332
11.239	5.427425	3999.4	209.242	662.2359	12.97675	6.38674	3982.634	208.7063	1162.035
10.42751	6.238917	3697.824	198.8096	707.6699	12.33411	7.029385	3777.993	201.6445	1173.063
9.478685	7.187741	3345.211	185.8281	754.6451	11.3683	7.995197	3470.444	190.5399	1220.798
8.593906	8.07252	3016.4	172.8466	801.6203	10.45718	8.906316	3180.311	179.4353	1266.485
6.494034	10.17239	2236.022	159.894	1752.66	9.942439	9.421054	3016.4	172.8466	1292.227
5.857322	10.8091	1999.4	155.635	2065.375	7.491779	11.87171	2236.022	159.894	2230.626
4.557646	12.10878	1516.4	146.9414	2703.699	6.748702	12.61479	1999.4	155.635	2539.185
3.212226	13.4542	1016.4	136.0376	3415.683	5.231913	14.13158	1516.4	146.9414	3169.024
0.698981	15.96745	82.4	134.1213	3302.217	3.661737	15.70176	1016.4	136.0376	3873.142
0.618019	16.04841	52.31176	134.0591	3298.496	0.728649	18.63484	82.4	134.1213	3744.479
0.521386	16.14504	16.4	133.9849	3294.051	0.634161	18.72933	52.31176	134.0591	3740.258
0.469247	16.19718	16.4	126.8417	8000	0.521386	18.84211	16.4	133.9849	3735.219
0.32913	16.3373	16.4	107.4966	6800	0.469247	18.89425	16.4	126.8417	8000
0.212147	16.45428	16.4	88.15157	5600	0.32913	19.03436	16.4	107.4966	6800
0.118297	16.54813	16.4	68.80651	4400	0.212147	19.15135	16.4	88.15157	5600
0.047582	16.61884	16.4	49.46145	3200	0.118297	19.2452	16.4	68.80651	4400
0	16.66643	16.4	0	0	0.047582	19.31591	16.4	49.46145	3200
0	16.66643	16.4	30.11638	2000	0	19.36349	16.4	0	0
					0	19.36349	16.4	30.11638	2000

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

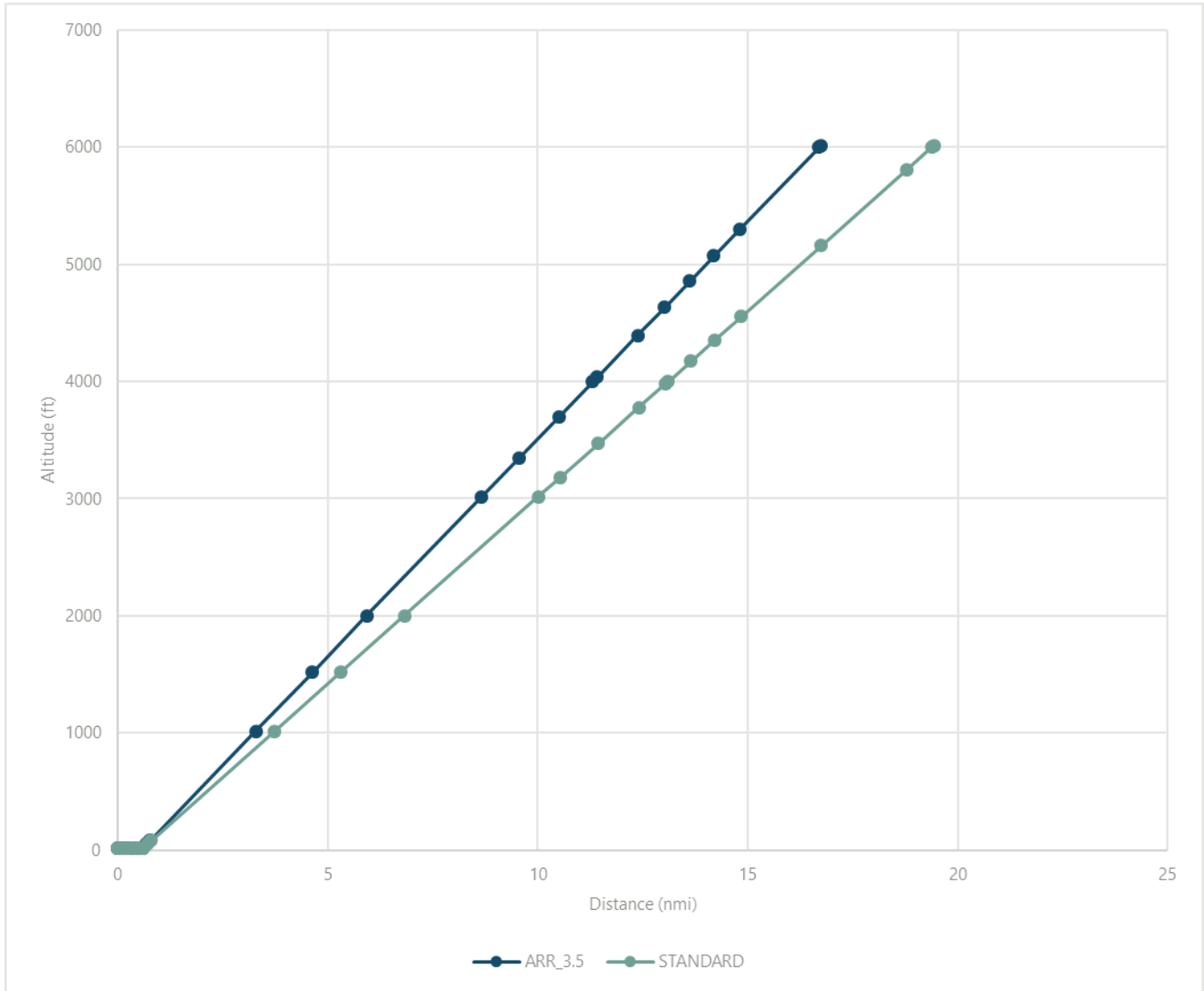
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

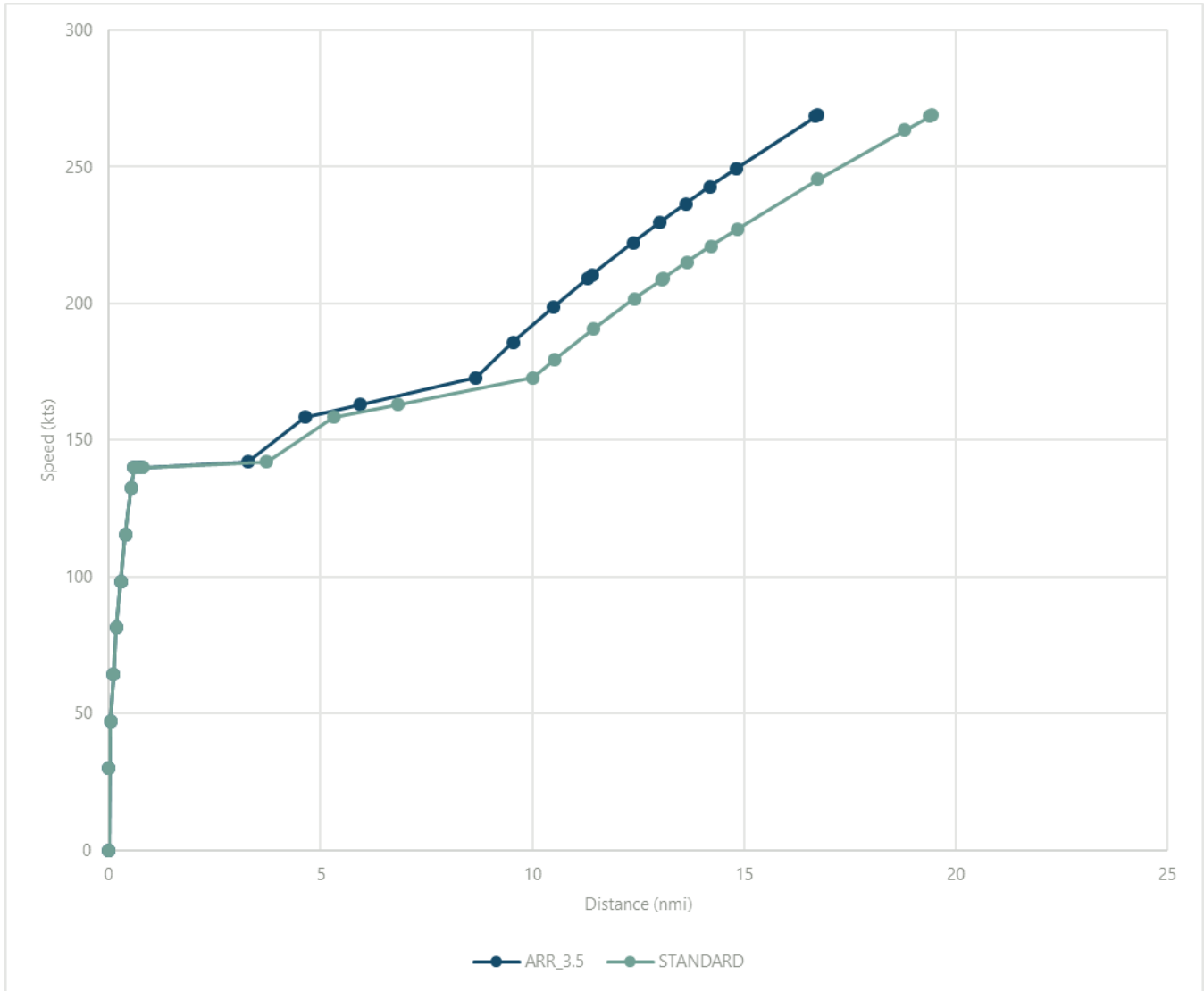
EXHIBIT C-7 737400 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

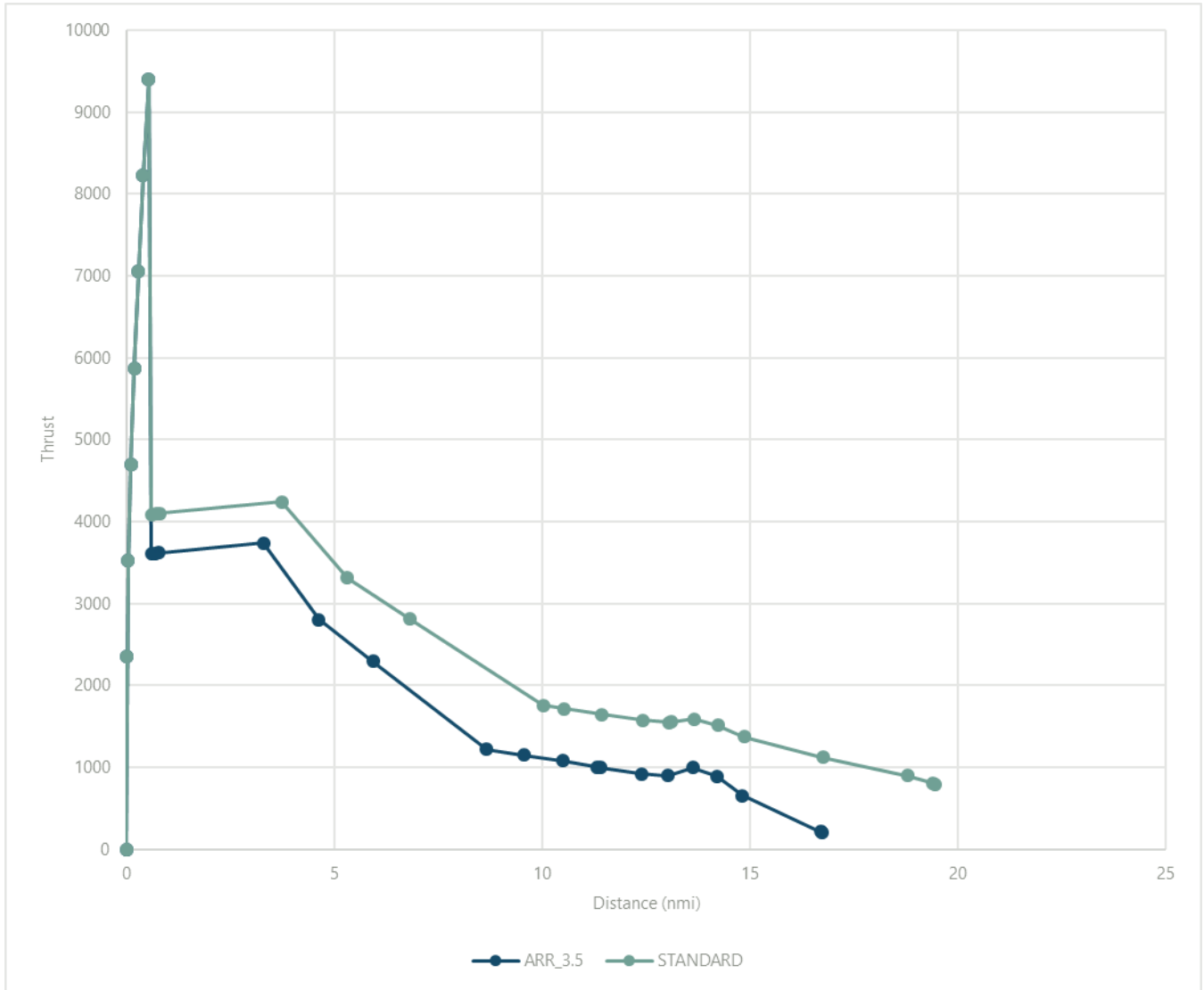
EXHIBIT C-8 737400 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-9 737400 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-4 737400 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.73785	0	6016.4	268.9935	202.83	19.43492	0	6016.4	268.9935	796.7876
16.69211	0.045744	5999.4	268.5292	213.5727	19.38153	0.053386	5999.4	268.5414	805.2112
14.81748	1.920378	5302.728	249.5026	653.8161	18.78657	0.648352	5809.942	263.5032	899.0889
14.1922	2.545655	5070.355	242.8189	889.1956	16.74423	2.690687	5159.589	245.4071	1124.657
13.62001	3.117843	4857.712	236.5373	993.6077	14.84714	4.587777	4555.488	227.3109	1372.318
13.01851	3.719342	4634.177	229.7488	900.5364	14.22187	5.213053	4356.378	221.022	1515.585
12.37587	4.361986	4395.35	222.267	918.6677	13.64968	5.785242	4174.172	215.106	1588.893
11.41126	5.326591	4036.873	210.5383	997.2099	13.10083	6.334088	3999.4	209.2665	1550.659
11.31043	5.427425	3999.4	209.242	1006.01	13.04818	6.38674	3982.634	208.7063	1546.991
10.49894	6.238917	3697.824	198.8096	1076.833	12.40554	7.029385	3777.993	201.6445	1572.999
9.550112	7.187741	3345.211	185.8281	1148.391	11.43972	7.995197	3470.444	190.5399	1645.24
8.665333	8.07252	3016.4	172.8466	1219.948	10.5286	8.906316	3180.311	179.4353	1715.155
5.928749	10.8091	1999.4	163.0068	2293.875	10.01387	9.421054	3016.4	172.8466	1753.591
4.629073	12.10878	1516.4	158.3336	2803.911	6.820129	12.61479	1999.4	163.0068	2808.466
3.283653	13.4542	1016.4	142.0483	3740.991	5.30334	14.13158	1516.4	158.3336	3309.454
0.770408	15.96745	82.4	140.0521	3616.719	3.733164	15.70176	1016.4	142.0483	4238.209
0.689446	16.04841	52.31176	139.9873	3612.643	0.800076	18.63484	82.4	140.0521	4097.418
0.592813	16.14504	16.4	139.91	3607.775	0.705589	18.72933	52.31176	139.9873	4092.8
0.533532	16.20432	16.4	132.4634	9400	0.592813	18.84211	16.4	139.91	4087.286
0.397961	16.33989	16.4	115.4056	8225	0.533532	18.90139	16.4	132.4634	9400
0.28105	16.4568	16.4	98.34774	7050	0.397961	19.03696	16.4	115.4056	8225
0.182799	16.55506	16.4	81.2899	5875	0.28105	19.15387	16.4	98.34774	7050
0.103207	16.63465	16.4	64.23206	4700	0.182799	19.25212	16.4	81.2899	5875
0.042274	16.69558	16.4	47.17422	3525	0.103207	19.33171	16.4	64.23206	4700
0	16.73785	16.4	0	0	0.042274	19.39265	16.4	47.17422	3525
0	16.73785	16.4	30.11638	2350	0	19.43492	16.4	0	0
					0	19.43492	16.4	30.11638	2350

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

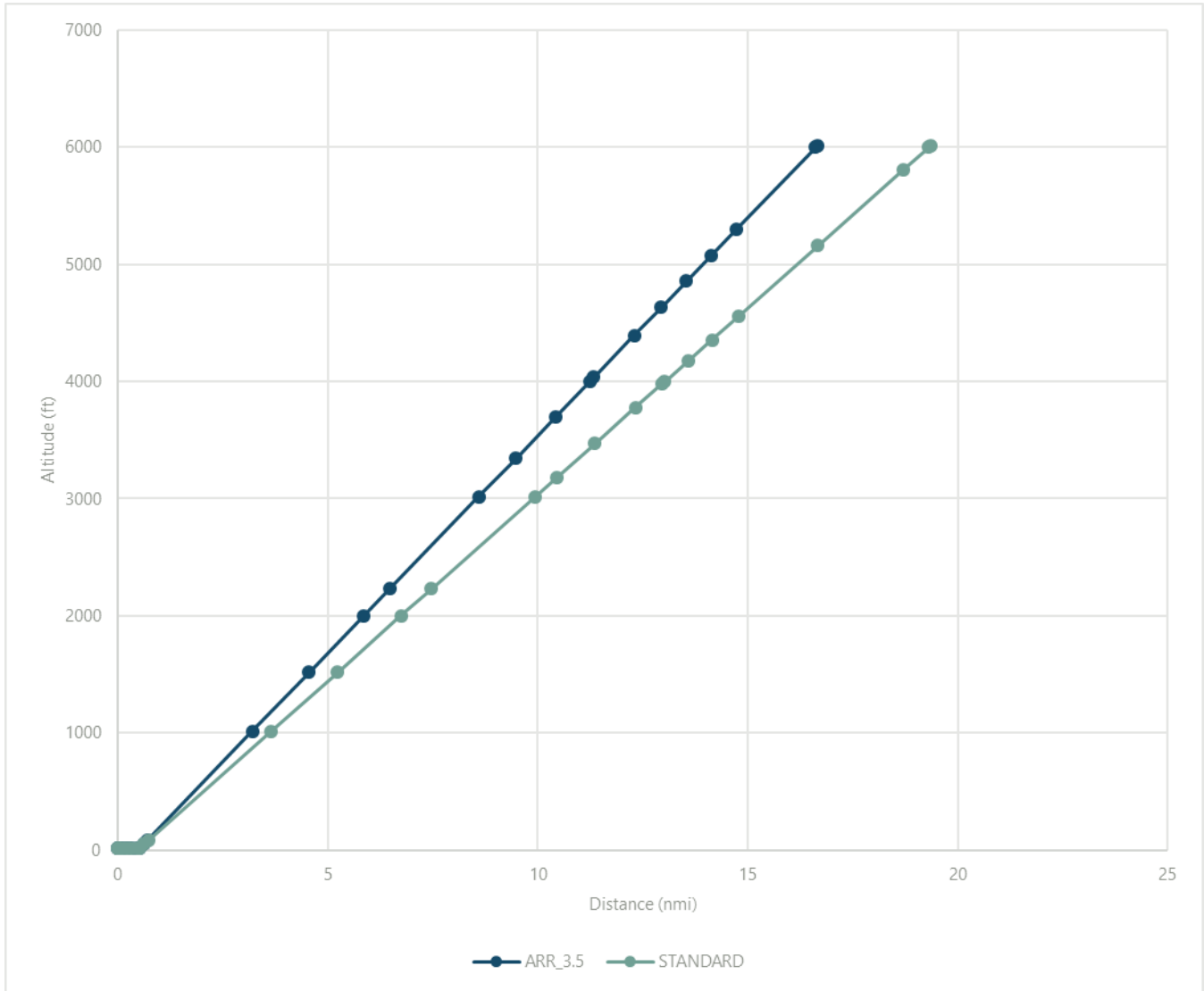
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

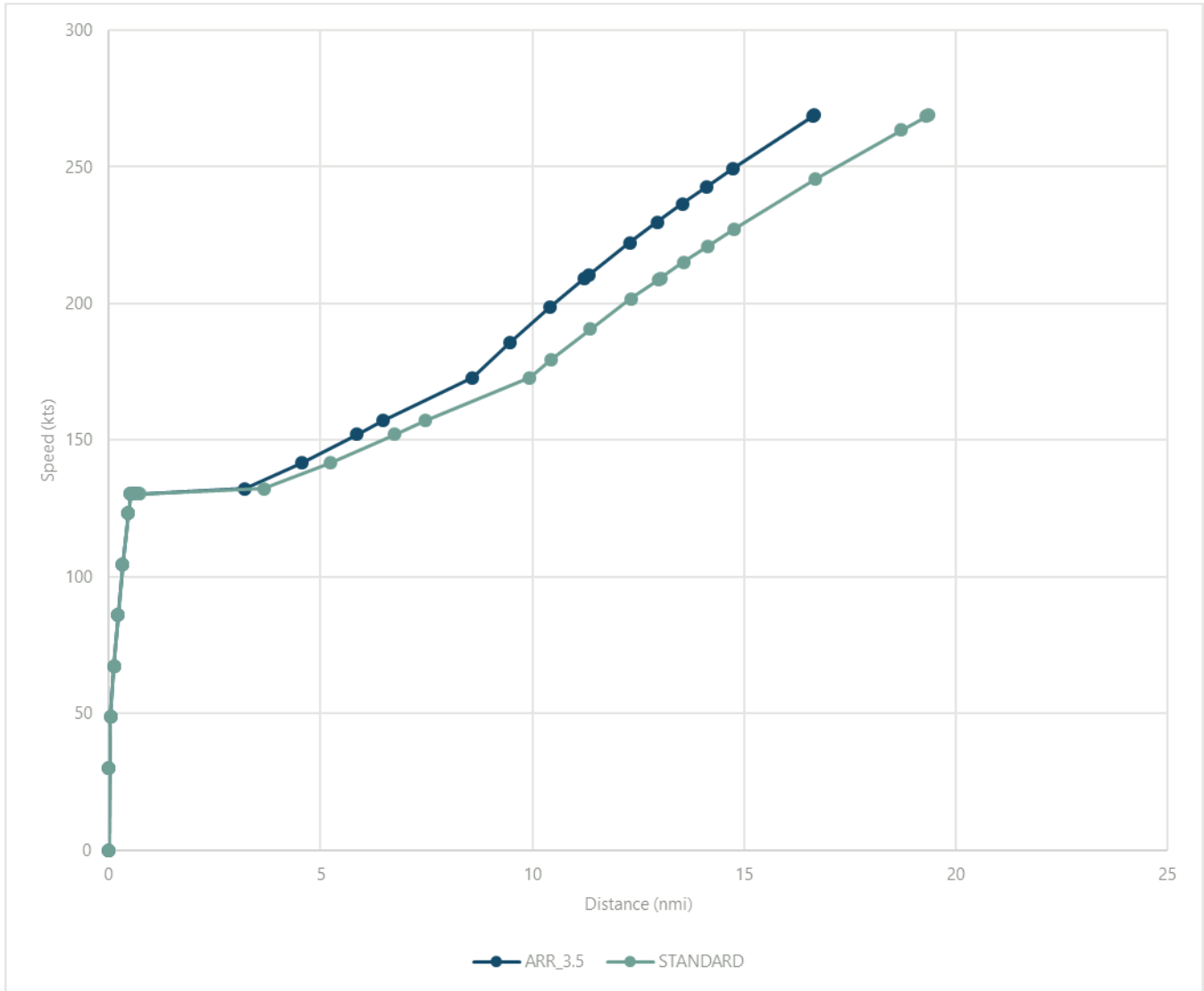
EXHIBIT C-10 737500 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

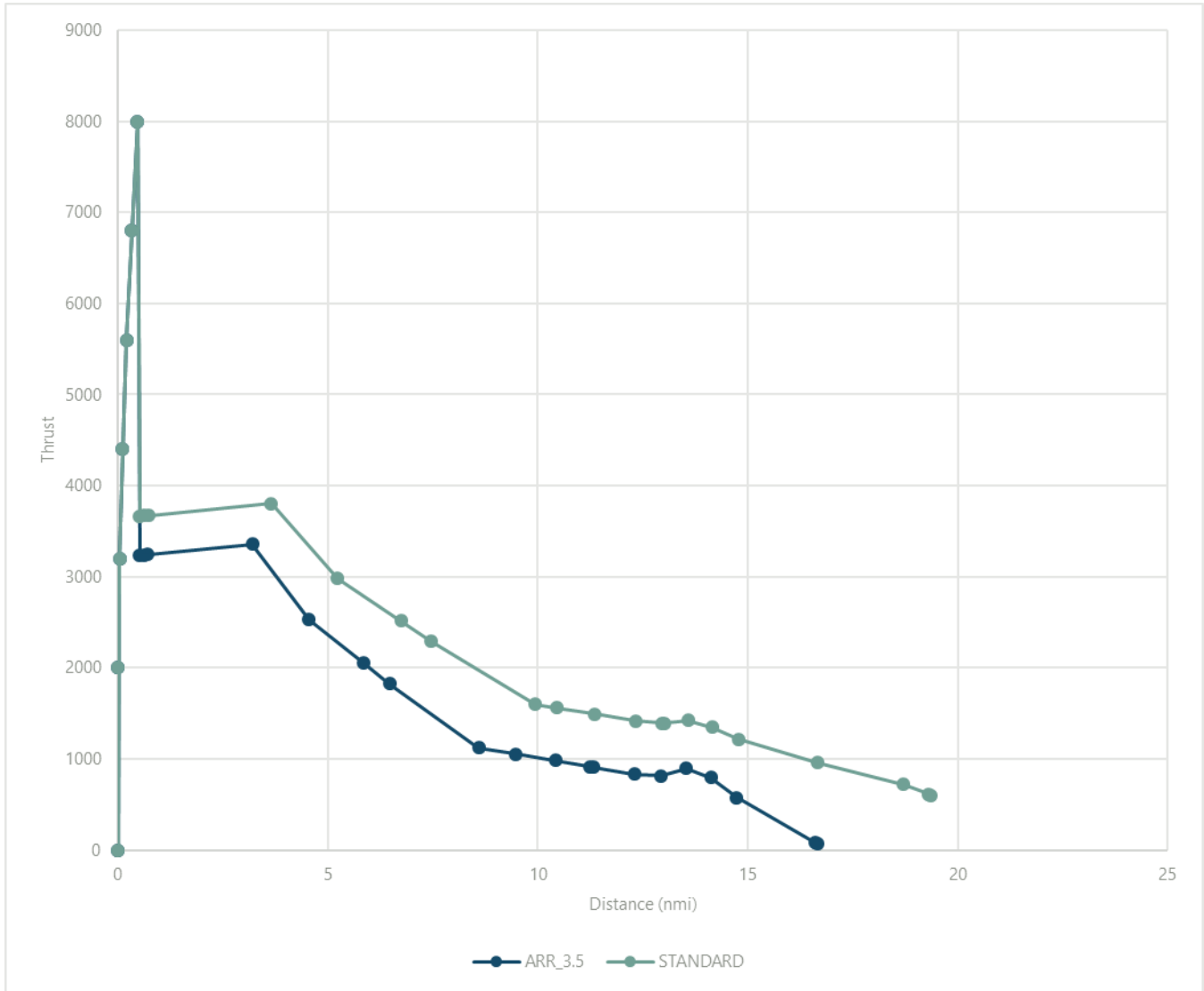
EXHIBIT C-11 737500 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-12 737500 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-5 737500 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.66215	0	6016.4	268.9935	69.57943	19.35921	0	6016.4	268.9935	601.2674
16.6164	0.045744	5999.4	268.5292	81.7139	19.30583	0.053386	5999.4	268.5414	610.9172
14.74177	1.920378	5302.728	249.5026	578.9932	18.71086	0.648352	5809.942	263.5032	718.4608
14.11649	2.545655	5070.355	242.8189	796.3442	16.66853	2.690687	5159.589	245.4071	956.7917
13.5443	3.117843	4857.712	236.5373	894.6455	14.77144	4.587777	4555.488	227.3109	1214.77
12.94281	3.719342	4634.177	229.7488	814.8355	14.14616	5.213053	4356.378	221.022	1349.97
12.30016	4.361986	4395.35	222.267	834.7602	13.57397	5.785242	4174.172	215.106	1421.491
11.33556	5.326591	4036.873	210.5383	909.4478	13.02513	6.334088	3999.4	209.2665	1392.129
11.23472	5.427425	3999.4	209.242	917.8046	12.97247	6.38674	3982.634	208.7063	1389.312
10.42323	6.238917	3697.824	198.8096	985.0586	12.32983	7.029385	3777.993	201.6445	1418.152
9.474406	7.187741	3345.211	185.8281	1052.462	11.36402	7.995197	3470.444	190.5399	1489.966
8.589627	8.07252	3016.4	172.8466	1119.865	10.4529	8.906316	3180.311	179.4353	1559.651
6.471242	10.19091	2229.142	157.2256	1825.208	9.93816	9.421054	3016.4	172.8466	1597.562
5.853043	10.8091	1999.4	152.1904	2052.566	7.465894	11.89332	2229.142	157.2256	2290.736
4.553367	12.10878	1516.4	141.6046	2530.552	6.744423	12.61479	1999.4	152.1904	2514.171
3.207947	13.4542	1016.4	132.2682	3355.262	5.227634	14.13158	1516.4	141.6046	2983.911
0.694702	15.96745	82.4	130.3975	3243.801	3.657458	15.70176	1016.4	132.2682	3800.904
0.61374	16.04841	52.31176	130.3368	3240.145	0.72437	18.63484	82.4	130.3975	3674.639
0.517107	16.14504	16.4	130.2643	3235.779	0.629882	18.72933	52.31176	130.3368	3670.497
0.465396	16.19675	16.4	123.3281	8000	0.517107	18.84211	16.4	130.2643	3665.552
0.327083	16.33506	16.4	104.6858	6800	0.465396	18.89382	16.4	123.3281	8000
0.211387	16.45076	16.4	86.04343	5600	0.327083	19.03213	16.4	104.6858	6800
0.118308	16.54384	16.4	67.40108	4400	0.211387	19.14783	16.4	86.04343	5600
0.047846	16.6143	16.4	48.75873	3200	0.118308	19.24091	16.4	67.40108	4400
0	16.66215	16.4	0	0	0.047846	19.31137	16.4	48.75873	3200
0	16.66215	16.4	30.11638	2000	0	19.35921	16.4	0	0
					0	19.35921	16.4	30.11638	2000

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

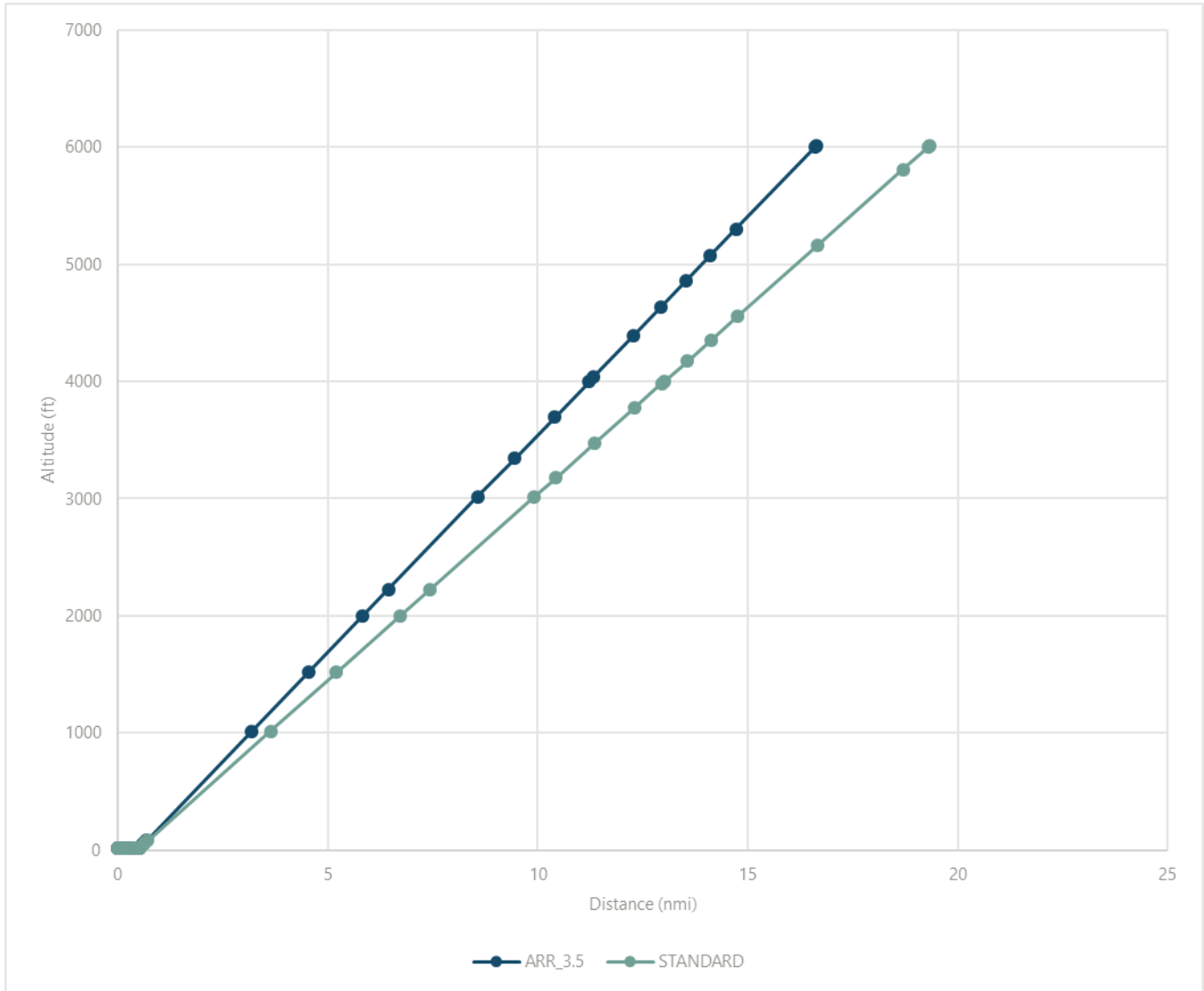
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

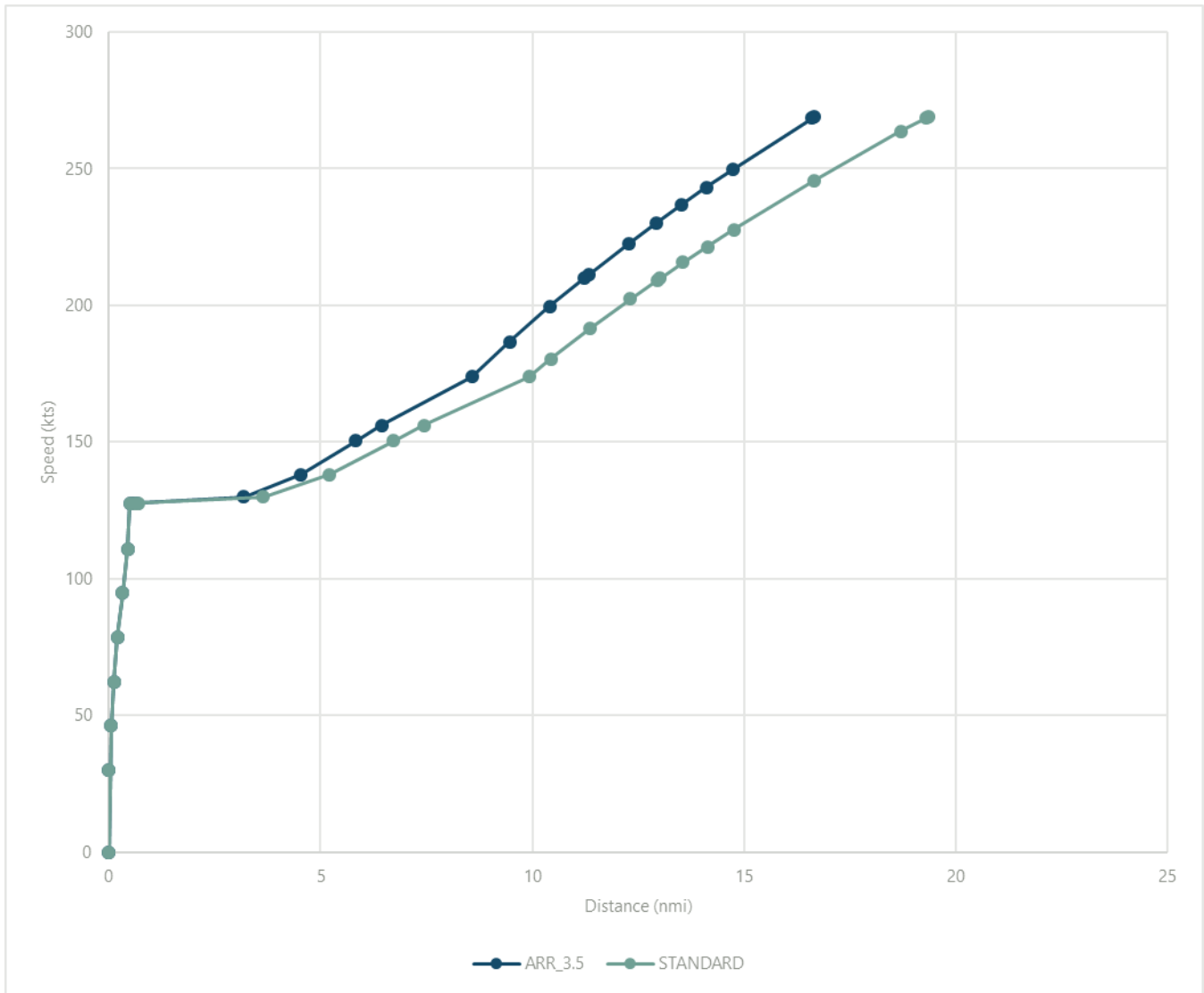
EXHIBIT C-13 737700 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

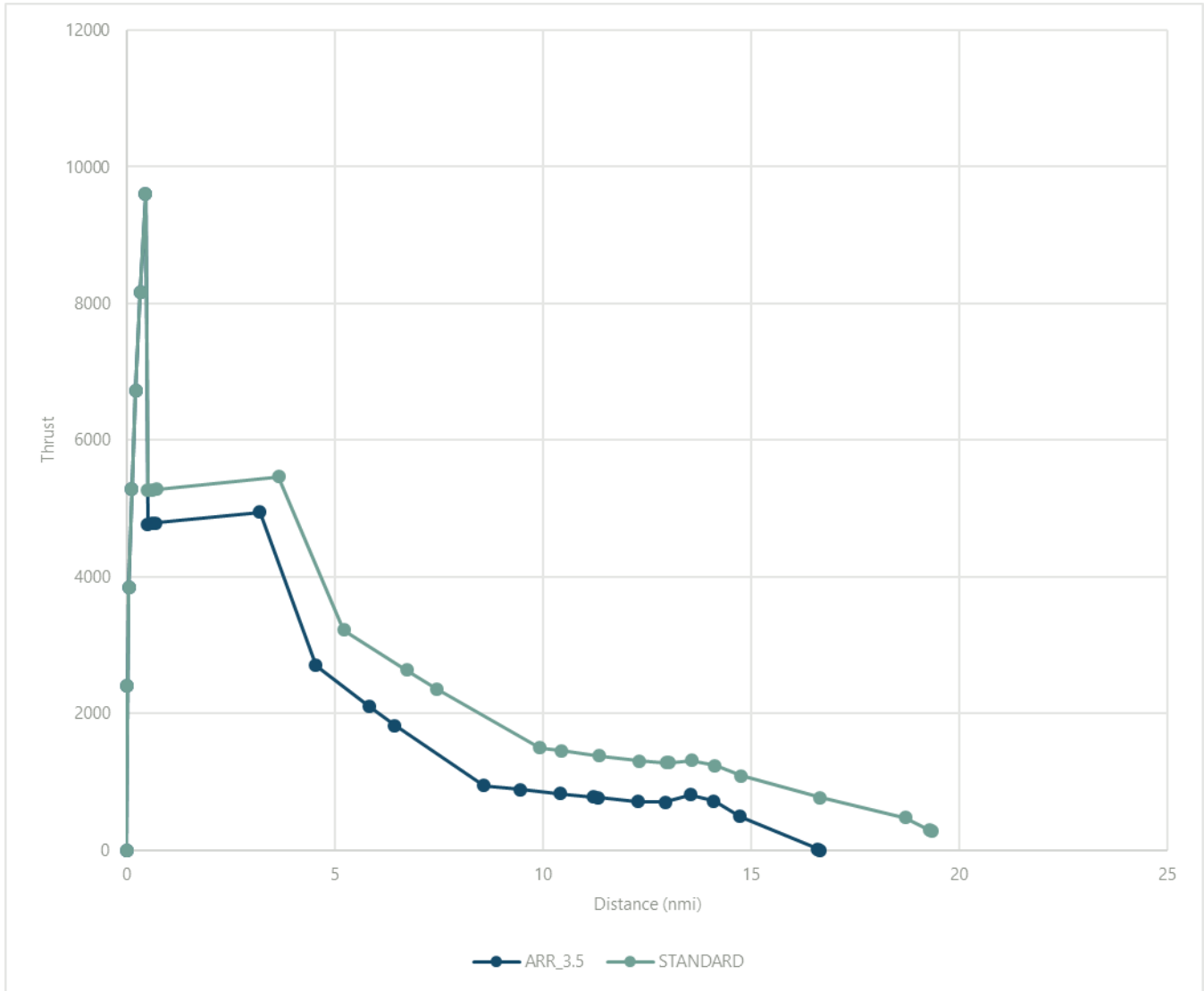
EXHIBIT C-14 737700 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-15 737700 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:
 nmi – nautical miles
 Thrust – net corrected thrust in pounds
 ARR_3.5 – user defined 3.5-degree approach performance profile
 Altitude – height above airfield elevation
 Distance – cumulative distance starting from end of landing roll on Runway 27
 Standard – AEDT Standard aircraft performance profile
 SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-6 737700 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.64645	0	6016.4	268.9935	1	19.34351	0	6016.4	268.9935	277.2449
16.6007	0.045744	5999.4	268.5334	12.74797	19.29013	0.053386	5999.4	268.5454	293.7719
14.72607	1.920378	5302.728	249.676	494.1882	18.69516	0.648352	5809.942	263.5508	477.9593
14.10079	2.545655	5070.355	243.0551	716.2332	16.65358	2.689937	5159.828	245.6256	770.3683
13.5286	3.117843	4857.712	236.8342	808.1775	14.75574	4.587777	4555.488	227.7004	1084.49
12.92711	3.719342	4634.177	230.1134	700.9993	14.13046	5.213053	4356.378	221.4771	1234.11
12.28446	4.361986	4395.35	222.7089	706.3104	13.55827	5.785242	4174.172	215.6249	1312.655
11.32022	5.326227	4037.008	211.1123	768.1617	13.00942	6.334088	3999.4	209.8505	1278.83
11.21902	5.427425	3999.4	209.8265	775.1337	12.95677	6.38674	3982.634	209.2965	1275.585
10.40753	6.238917	3697.824	199.5157	831.0417	12.31413	7.029385	3777.993	202.3167	1305.783
9.459277	7.187169	3345.424	186.7059	888.1742	11.34878	7.994732	3470.592	191.354	1382.146
8.573926	8.07252	3016.4	173.8961	945.3067	10.4372	8.906316	3180.311	180.3914	1456.113
6.440078	10.20637	2223.395	156.0056	1821.641	9.92246	9.421054	3016.4	173.8961	1496.116
5.837342	10.8091	1999.4	150.3374	2099.288	7.432147	11.91137	2223.395	156.0056	2358.554
4.537666	12.10878	1516.4	138.1151	2697.975	6.728722	12.61479	1999.4	150.3374	2631.798
3.192246	13.4542	1016.4	129.9251	4947.026	5.211933	14.13158	1516.4	138.1151	3220.993
0.679001	15.96745	82.4	127.7104	4782.5	3.641757	15.70176	1016.4	129.9251	5461.087
0.598039	16.04841	52.31176	127.6384	4777.104	0.708669	18.63484	82.4	127.7104	5279.509
0.501406	16.14504	16.4	127.5524	4770.66	0.614181	18.72933	52.31176	127.6384	5273.554
0.451259	16.19519	16.4	110.88	9600	0.501406	18.84211	16.4	127.5524	5266.442
0.31965	16.3268	16.4	94.72729	8160	0.451259	18.89225	16.4	110.88	9600
0.208719	16.43773	16.4	78.57456	6720	0.31965	19.02386	16.4	94.72729	8160
0.118467	16.52798	16.4	62.42184	5280	0.208719	19.13479	16.4	78.57456	6720
0.048894	16.59755	16.4	46.26911	3840	0.118467	19.22505	16.4	62.42184	5280
0	16.64645	16.4	0	0	0.048894	19.29462	16.4	46.26911	3840
0	16.64645	16.4	30.11638	2400	0	19.34351	16.4	0	0
					0	19.34351	16.4	30.11638	2400

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

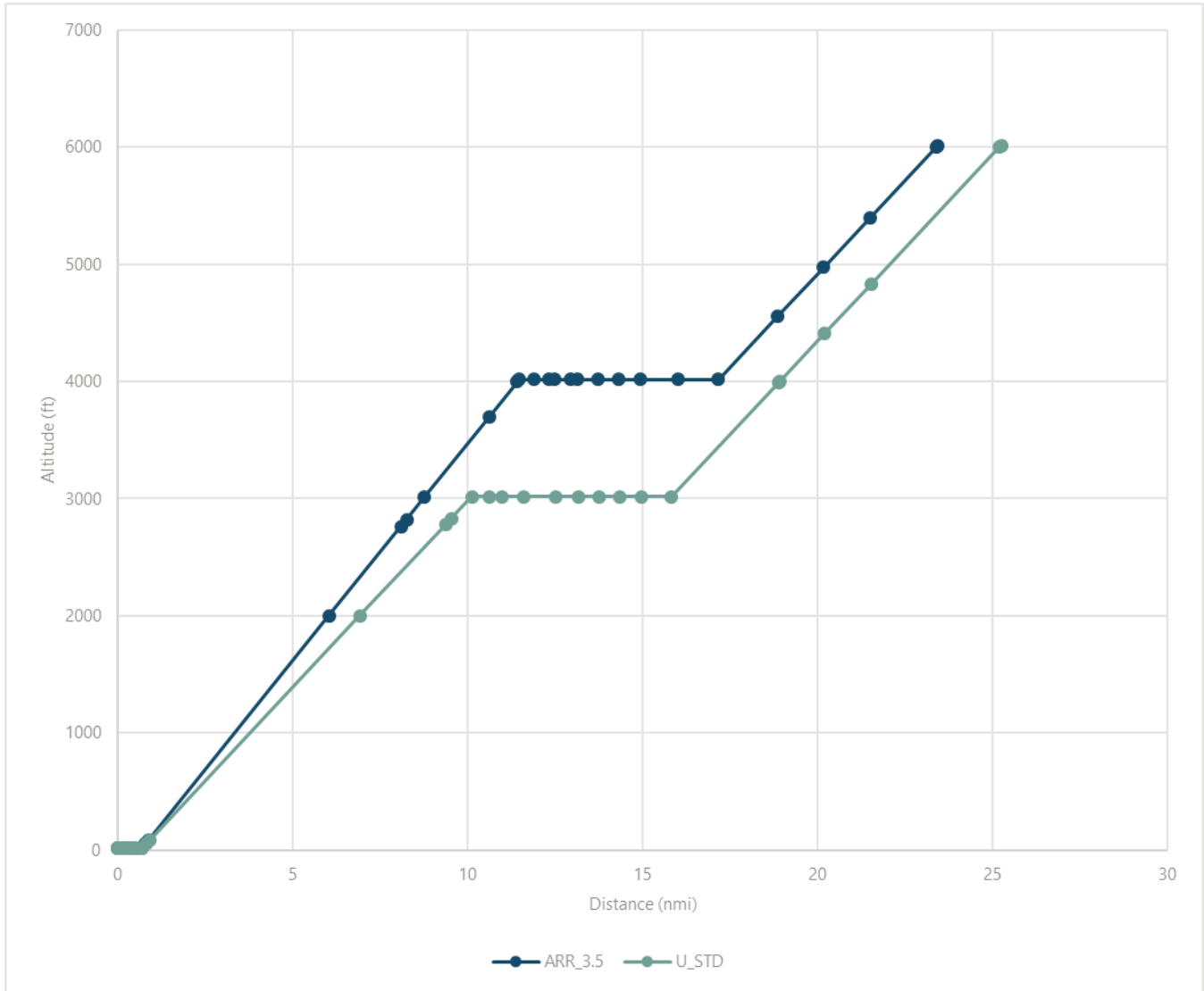
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

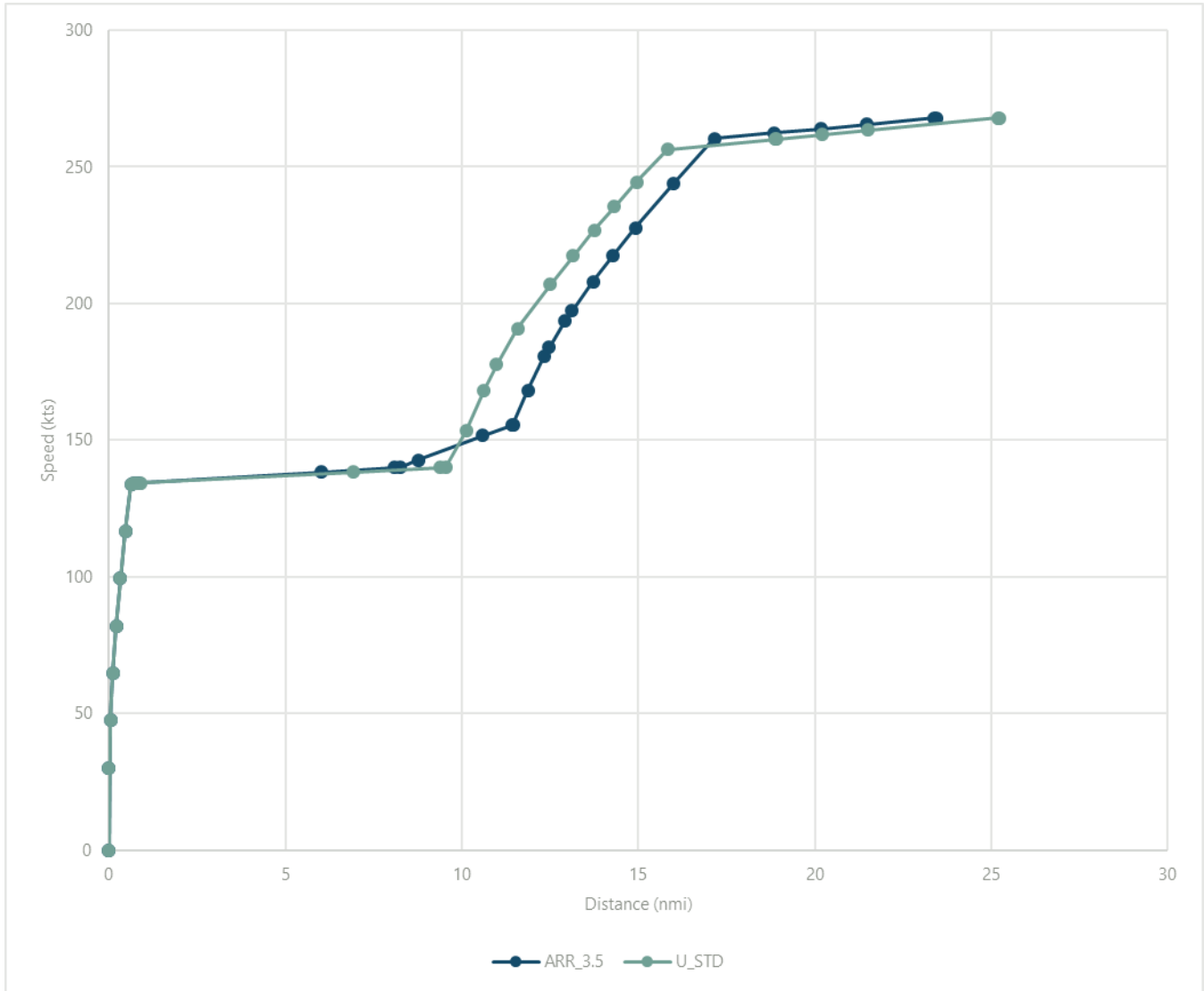
EXHIBIT C-16 737800 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

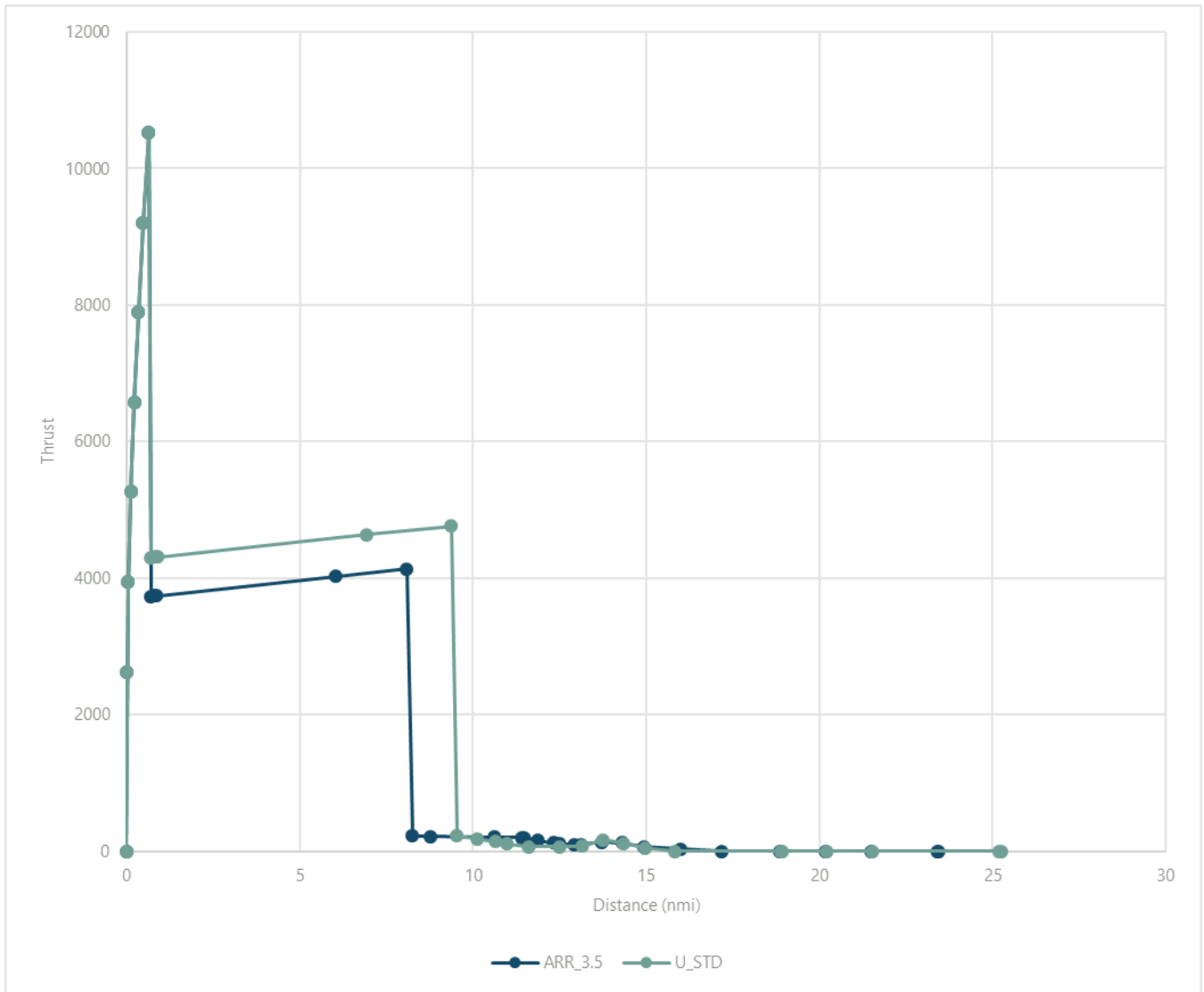
EXHIBIT C-17 737800 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-18 737800 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

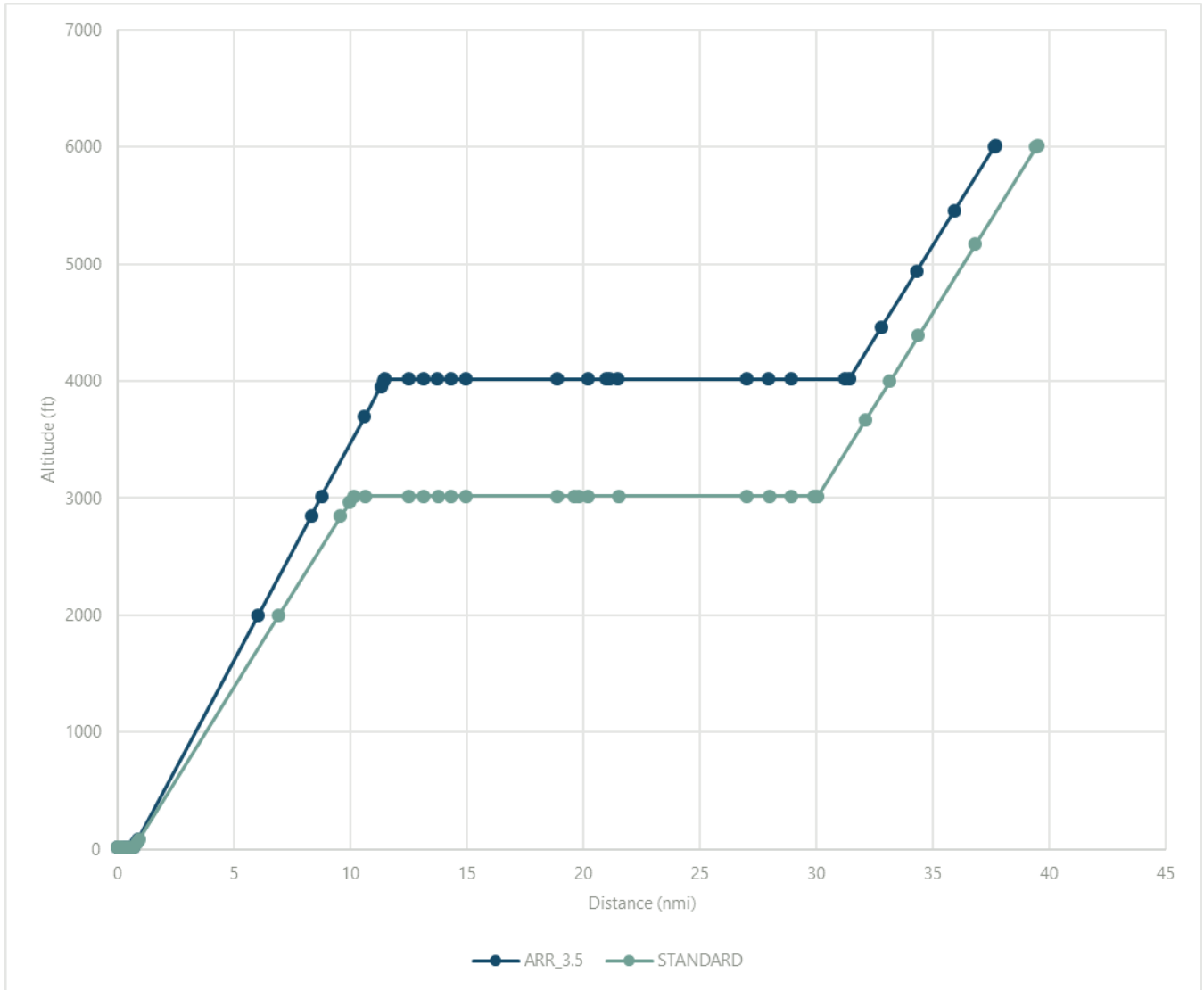
TABLE C-7 737800 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					U_STD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
23.43968	0	6016.4	267.8184	1	25.24049	0	6016.4	267.8184	1
23.38629	0.053386	5999.4	267.7553	1	25.1871	0.053386	5999.4	267.7545	1
21.48458	1.955101	5393.826	265.5082	1	21.51425	3.726242	4829.831	263.3615	1
20.17034	3.26934	4975.325	263.9439	1	20.20001	5.040481	4411.331	261.7715	1
18.86047	4.57921	4558.216	262.3756	1	18.9064	6.334088	3999.4	260.1968	1
17.15898	6.280702	4016.4	260.3242	1	18.89014	6.350351	3994.221	260.177	1
16.00243	7.437249	4016.4	243.9389	29.71746	15.81944	9.421054	3016.4	256.4004	1
14.92104	8.518635	4016.4	227.5536	66.83605	14.95071	10.28978	3016.4	244.3779	47.34845
14.29577	9.143912	4016.4	217.5168	122.1155	14.32544	10.91505	3016.4	235.3447	117.9157
13.72358	9.7161	4016.4	207.9081	134.7257	13.75325	11.48724	3016.4	226.7633	162.8996
13.12208	10.3176	4016.4	197.3033	96.30222	13.15175	12.08874	3016.4	217.3774	73.52876
12.93307	10.50661	4016.4	193.8512	89.80205	12.50911	12.73138	3016.4	206.8796	63.23493
12.47944	10.96024	4016.4	184.0084	113.2538	11.59068	13.6498	3016.4	190.8772	68.69888
12.324	11.11568	4016.4	180.5124	122.0279	10.98165	14.25884	3016.4	177.7373	108.4227
11.87596	11.56372	4016.4	168.1272	159.5911	10.63217	14.60831	3016.4	168.2965	143.4737
11.45974	11.97994	4016.4	155.7419	197.3843	10.11744	15.12305	3016.4	153.3362	184.143
11.414	12.02568	3999.4	155.5265	197.7022	9.538073	15.70242	2831.91	140.028	222.5458
10.60251	12.83717	3697.824	151.705	203.3416	9.373494	15.86699	2779.502	139.9214	4764.684
8.768903	14.67078	3016.4	142.6051	218.184	6.923699	18.31679	1999.4	138.3025	4633.523
8.249629	15.19005	2823.422	140.028	222.3874	0.903646	24.33684	82.4	134.3243	4311.211
8.08505	15.35463	2762.259	139.9032	4135.84	0.809158	24.43133	52.31176	134.2605	4305.88
6.032318	17.40736	1999.4	138.3152	4024.132	0.696382	24.54411	16.4	134.1844	4299.515
0.873978	22.5657	82.4	134.3247	3743.42	0.631571	24.60892	16.4	133.9692	10520
0.793015	22.64667	52.31176	134.2608	3738.778	0.470791	24.7697	16.4	116.6604	9205
0.696382	22.7433	16.4	134.1844	3733.235	0.332218	24.90827	16.4	99.35162	7890
0.631571	22.80811	16.4	133.9692	10520	0.215852	25.02464	16.4	82.04281	6575
0.470791	22.96889	16.4	116.6604	9205	0.121694	25.11879	16.4	64.734	5260
0.332218	23.10746	16.4	99.35162	7890	0.049743	25.19075	16.4	47.42519	3945
0.215852	23.22383	16.4	82.04281	6575	0	25.24049	16.4	0	0
0.121694	23.31799	16.4	64.734	5260	0	25.24049	16.4	30.11638	2630
0.049743	23.38994	16.4	47.42519	3945					
0	23.43968	16.4	0	0					
0	23.43968	16.4	30.11638	2630					

NOTES:

AFE – Airport Field Elevation
 Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
 Distance – cumulative distance starting at the approach end of Runway 27
 FT. – feet
 KTS - knots
 LBS – pounds
 NM – nautical miles
 SOURCE: Harris Miller Miller and Hanson, November 2019.

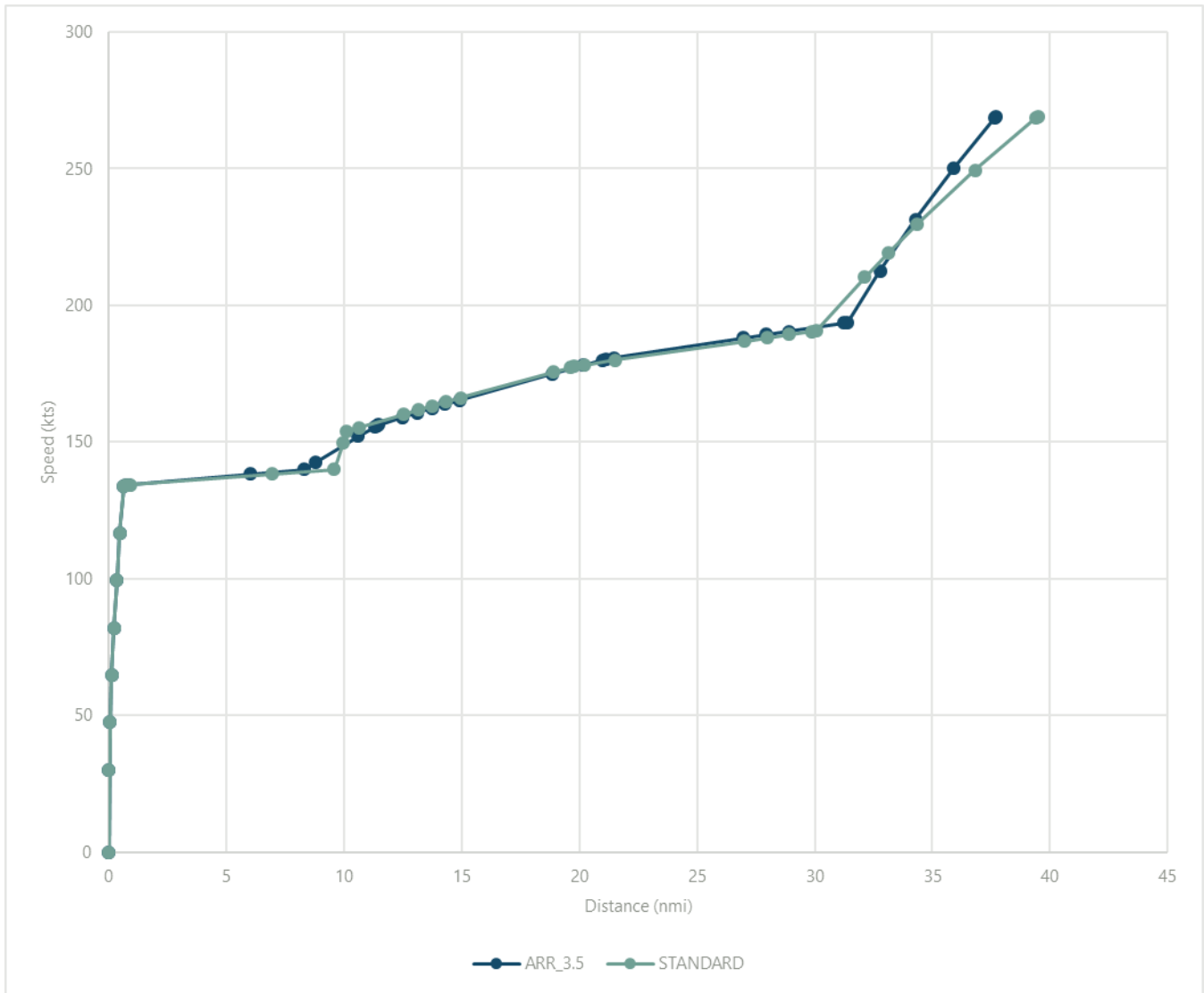
EXHIBIT C-19 7378MAX ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

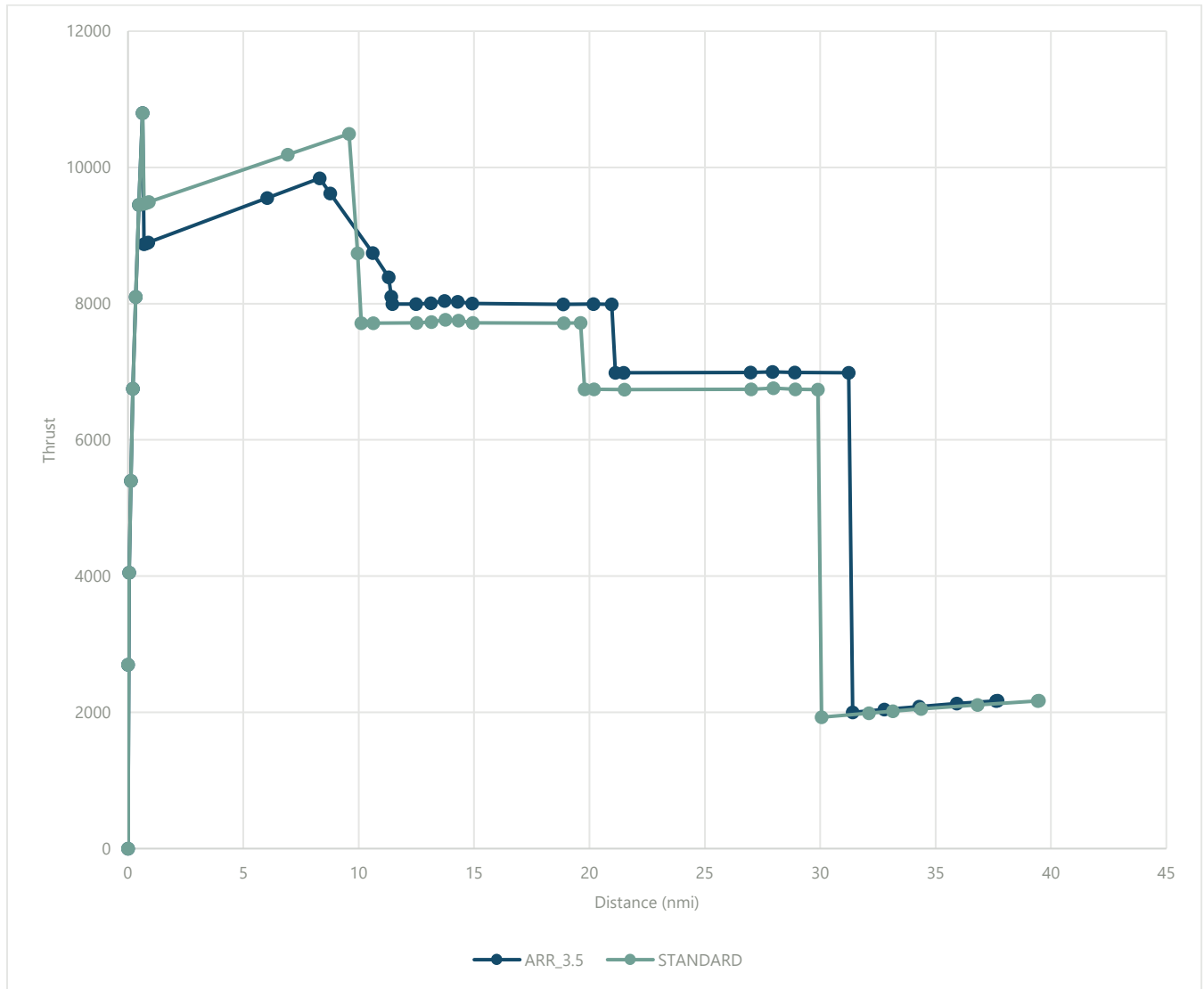
EXHIBIT C-20 7378MAX SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-21 7378MAX THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

nmi – nautical miles

Thrust – net corrected thrust in pounds

ARR_3.5 – user defined 3.5-degree approach performance profile

Altitude – height above airfield elevation

Distance – cumulative distance starting from end of landing roll on Runway 27

Standard – AEDT Standard aircraft performance profile

SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-8 7378MAX PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
37.68228	0	6016.4	268.9935	2170.723	39.47924	0	6016.4	268.9935	2170.723
37.6289	0.053386	5999.4	268.4229	2169.431	39.42586	0.053386	5999.4	268.6001	2169.5
35.92035	1.76193	5455.339	250.16	2128.081	36.82307	2.656172	5170.58	249.4172	2109.905
34.28626	3.396024	4934.985	231.3265	2085.44	34.3675	5.111738	4388.64	229.8409	2049.087
32.78	4.902281	4455.339	212.493	2042.798	33.14515	6.334088	3999.4	219.2291	2016.119
31.40158	6.280702	4016.4	193.6594	2000.156	32.11254	7.366699	3670.58	210.2646	1988.269
31.237	6.445281	4016.4	193.4532	6985.618	30.05819	9.421054	3016.4	190.6883	1927.45
28.8946	8.787681	4016.4	190.4959	6988.89	29.89361	9.585632	3016.4	190.4851	6739.802
27.93647	9.745814	4016.4	189.273	6997.612	28.92427	10.55497	3016.4	189.2849	6741.765
26.98005	10.70224	4016.4	188.0443	6989.704	27.96614	11.5131	3016.4	188.0911	6758.622
21.48458	16.1977	4016.4	180.8227	6985.618	27.00971	12.46953	3016.4	186.8919	6742.339
21.12636	16.55593	4016.4	180.342	6985.618	21.51425	17.96499	3016.4	179.8462	6739.802
20.96178	16.72051	4016.4	179.9598	7989.799	20.20001	19.27923	3016.4	178.12	6743.137
20.17034	17.51194	4016.4	178.1143	7993.126	19.78352	19.69572	3016.4	177.5694	6743.48
18.86047	18.82181	4016.4	175.0172	7989.799	19.61894	19.8603	3016.4	177.1929	7717.121
14.92104	22.76124	4016.4	165.3535	8001.607	18.89014	20.5891	3016.4	175.5194	7713.365
14.29577	23.38651	4016.4	163.7672	8027.752	14.95071	24.52853	3016.4	166.1825	7719.826
13.72358	23.9587	4016.4	162.302	8040.999	14.32544	25.1538	3016.4	164.6519	7753.179
13.12208	24.5602	4016.4	160.7474	8005.555	13.75325	25.72599	3016.4	163.2386	7762.345
12.47944	25.20285	4016.4	159.0696	7994.191	13.15175	26.32749	3016.4	161.7396	7728.765
11.45974	26.22254	4016.4	156.3705	7992.592	12.50911	26.97014	3016.4	160.1225	7716.073
11.414	26.26828	3999.4	156.1437	8102.773	10.63217	28.84707	3016.4	155.3034	7713.365
11.29516	26.38712	3955.237	155.5544	8389	10.11744	29.36181	3016.4	153.9554	7713.365
10.60251	27.07978	3697.824	152.0782	8744.75	9.952857	29.52638	2963.992	149.818	8740.549
8.768903	28.91338	3016.4	142.3838	9618.607	9.577296	29.90195	2844.4	139.9368	10494.78
8.306078	29.37621	2844.4	139.9368	9839.179	6.923699	32.55554	1999.4	138.2455	10187.74
6.032318	31.64996	1999.4	138.2455	9551.323	0.903646	38.5756	82.4	134.4085	9491.16
0.873978	36.80831	82.4	134.4085	8898.283	0.809158	38.67008	52.31176	134.3471	9479.637
0.793015	36.88927	52.31176	134.3471	8887.48	0.696382	38.78286	16.4	134.2736	9465.877
0.696382	36.9859	16.4	134.2736	8874.579	0.631571	38.84767	16.4	133.9692	10800
0.631571	37.05071	16.4	133.9692	10800	0.470791	39.00845	16.4	116.6604	9450
0.470791	37.21149	16.4	116.6604	9450	0.332218	39.14702	16.4	99.35162	8100
0.332218	37.35007	16.4	99.35162	8100	0.215852	39.26339	16.4	82.04281	6750
0.215852	37.46643	16.4	82.04281	6750	0.121694	39.35755	16.4	64.734	5400
0.121694	37.56059	16.4	64.734	5400	0.049743	39.4295	16.4	47.42519	4050
0.049743	37.63254	16.4	47.42519	4050	0	39.47924	16.4	0	0
0	37.68228	16.4	0	0	0	39.47924	16.4	30.11638	2700
0	37.68228	16.4	30.11638	2700					

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

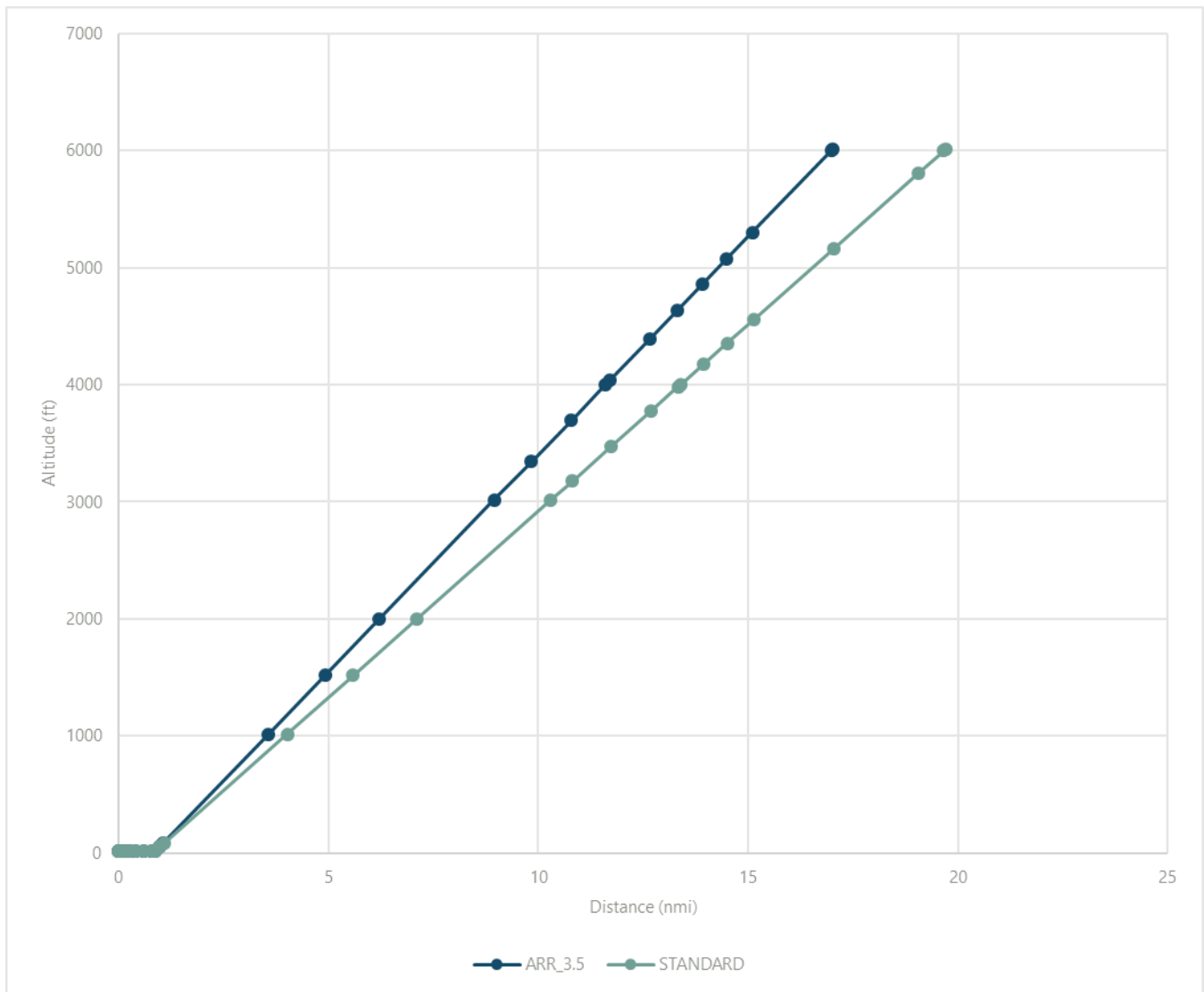
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

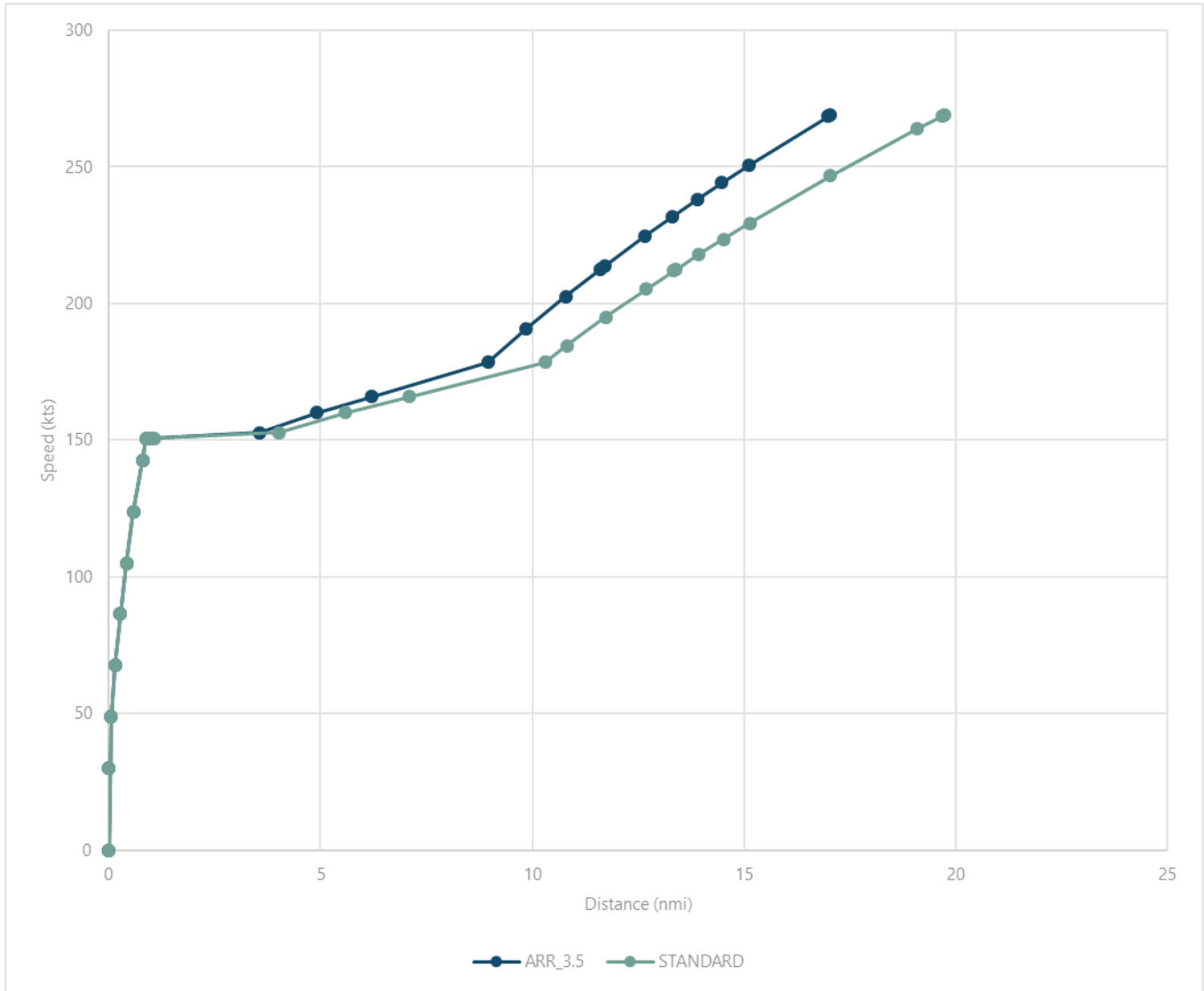
EXHIBIT C-22 747700 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

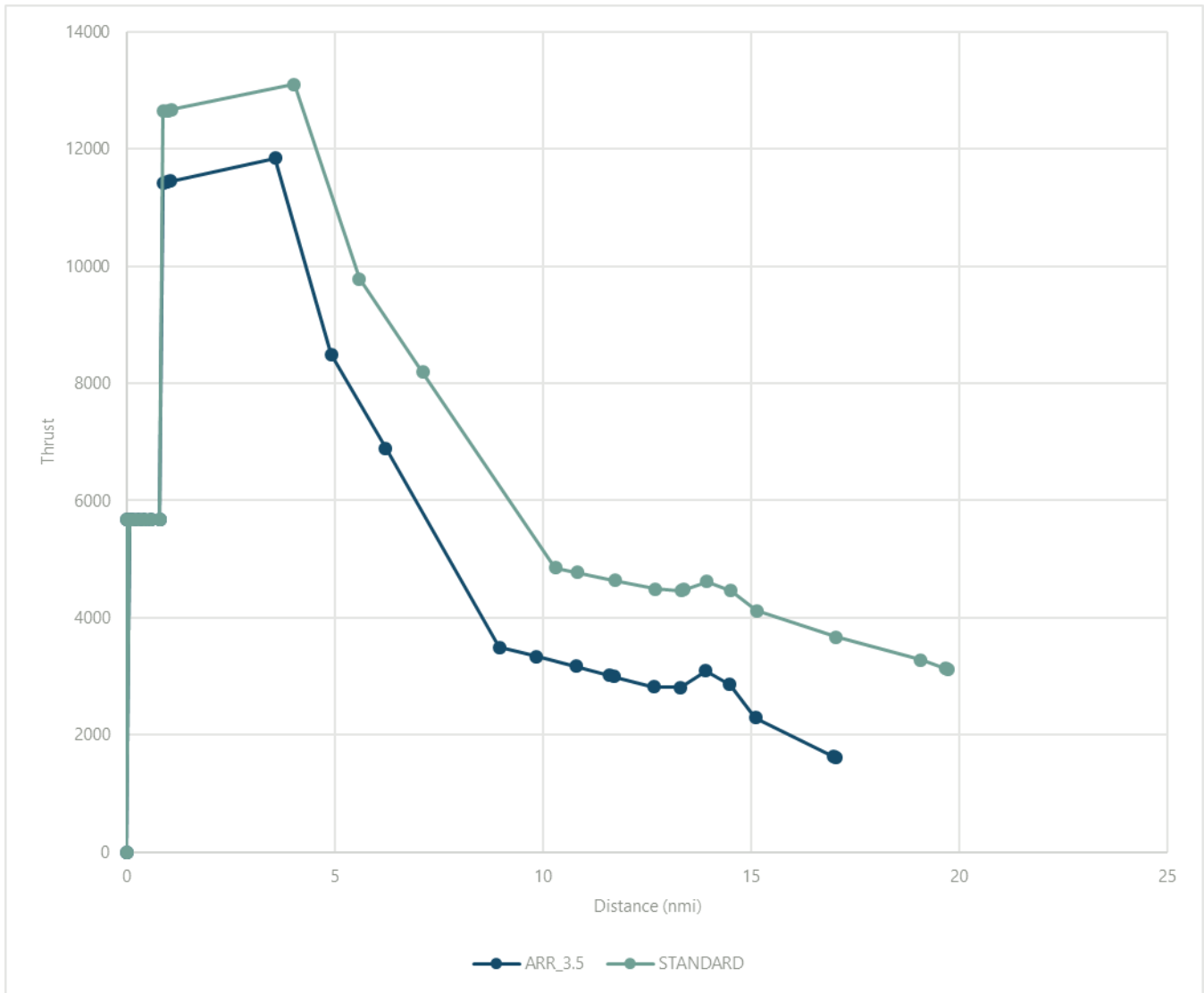
EXHIBIT C-23 747700 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-24 747700 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-9 747700 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
17.02323	0	6016.4	268.9935	1609.892	19.7203	0	6016.4	268.9935	3118.736
16.97749	0.045744	5999.4	268.5518	1626.273	19.66691	0.053386	5999.4	268.5629	3131.683
15.10286	1.920378	5302.728	250.4501	2297.556	19.07195	0.648352	5809.942	263.7631	3275.973
14.47758	2.545655	5070.355	244.1085	2856.765	17.03368	2.686616	5160.886	246.5985	3666.475
13.90539	3.117843	4857.712	238.1575	3090.403	15.13252	4.587777	4555.488	229.4339	4116.728
13.30389	3.719342	4634.177	231.7369	2809.527	14.50725	5.213053	4356.378	223.5008	4457.007
12.66125	4.361986	4395.35	224.6744	2824.107	13.93506	5.785242	4174.172	217.9298	4616.056
11.69859	5.324644	4037.597	213.6588	2995.48	13.38621	6.334088	3999.4	212.4421	4476.763
11.59581	5.427425	3999.4	212.4204	3015.046	13.33356	6.38674	3982.634	211.9157	4463.4
10.78432	6.238917	3697.824	202.6432	3169.533	12.69092	7.029385	3777.993	205.2956	4493.448
9.838496	7.184738	3346.328	190.5786	3333.817	11.72755	7.992749	3471.223	194.951	4637.357
8.950713	8.07252	3016.4	178.514	3498.1	10.81398	8.906316	3180.311	184.6063	4774.639
6.214129	10.8091	1999.4	166.0146	6888.66	10.29925	9.421054	3016.4	178.514	4853.101
4.914453	12.10878	1516.4	160.0783	8498.926	7.105509	12.61479	1999.4	166.0146	8195.541
3.569033	13.4542	1016.4	152.7453	11846.51	5.588719	14.13158	1516.4	160.0783	9782.953
1.055788	15.96745	82.4	150.6034	11452.97	4.018544	15.70176	1016.4	152.7453	13108.11
0.974825	16.04841	52.31176	150.5339	11440.06	1.085456	18.63484	82.4	150.6034	12672.66
0.878193	16.14504	16.4	150.4509	11424.65	0.990968	18.72933	52.31176	150.5339	12658.38
0.790373	16.23286	16.4	142.5022	5680	0.878193	18.84211	16.4	150.4509	12641.32
0.587174	16.43606	16.4	123.7712	5680	0.790373	18.92993	16.4	142.5022	5680
0.412564	16.61067	16.4	105.0403	5680	0.587174	19.13313	16.4	123.7712	5680
0.266541	16.75669	16.4	86.3093	5680	0.412564	19.30774	16.4	105.0403	5680
0.149106	16.87413	16.4	67.57833	5680	0.266541	19.45376	16.4	86.3093	5680
0.060259	16.96297	16.4	48.84736	5680	0.149106	19.57119	16.4	67.57833	5680
0	17.02323	16.4	0	0	0.060259	19.66004	16.4	48.84736	5680
0	17.02323	16.4	30.11638	5680	0	19.7203	16.4	0	0
					0	19.7203	16.4	30.11638	5680

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-25 757300 ALTITUDE VERSUS CUMULATIVE DISTANCE

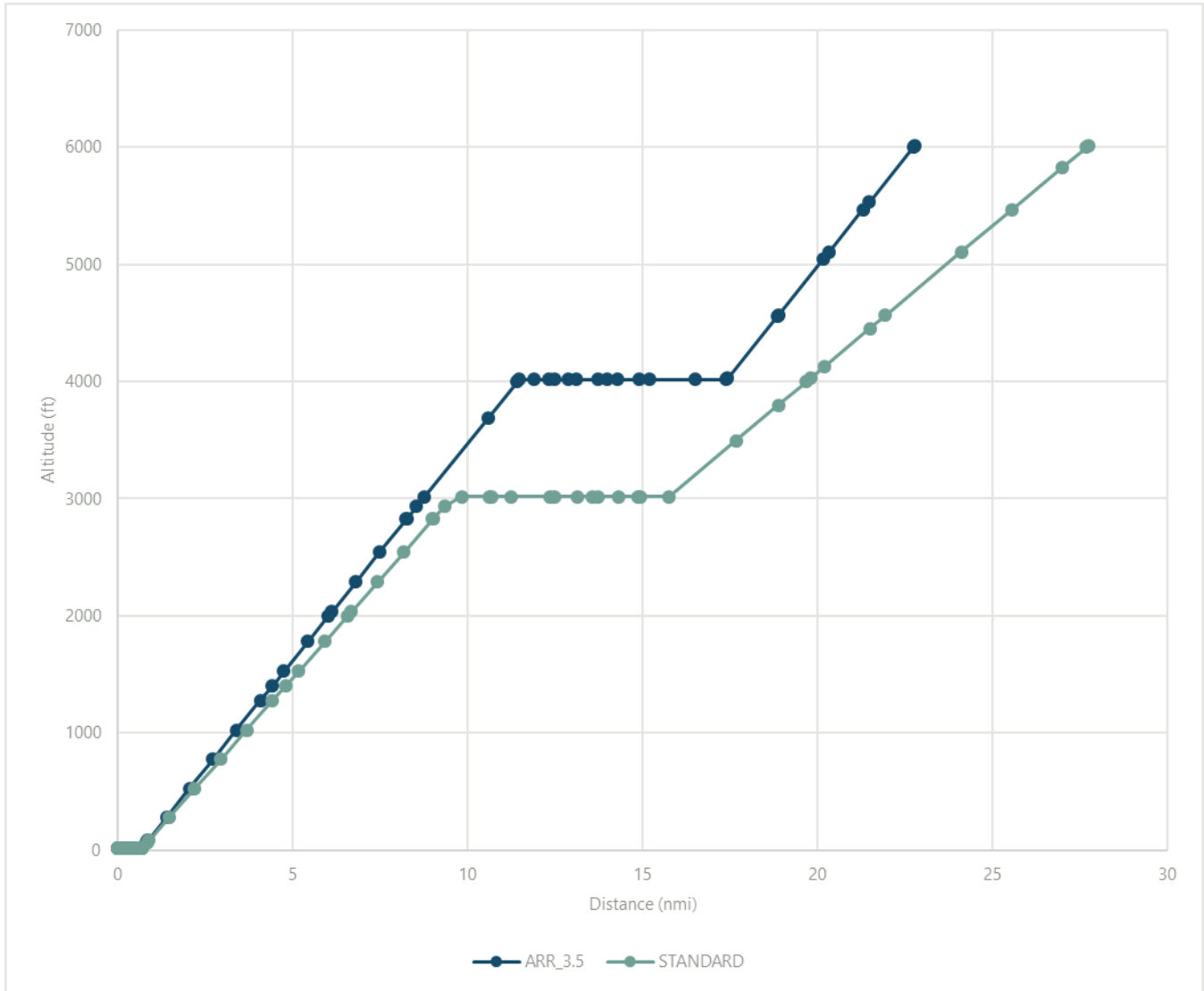
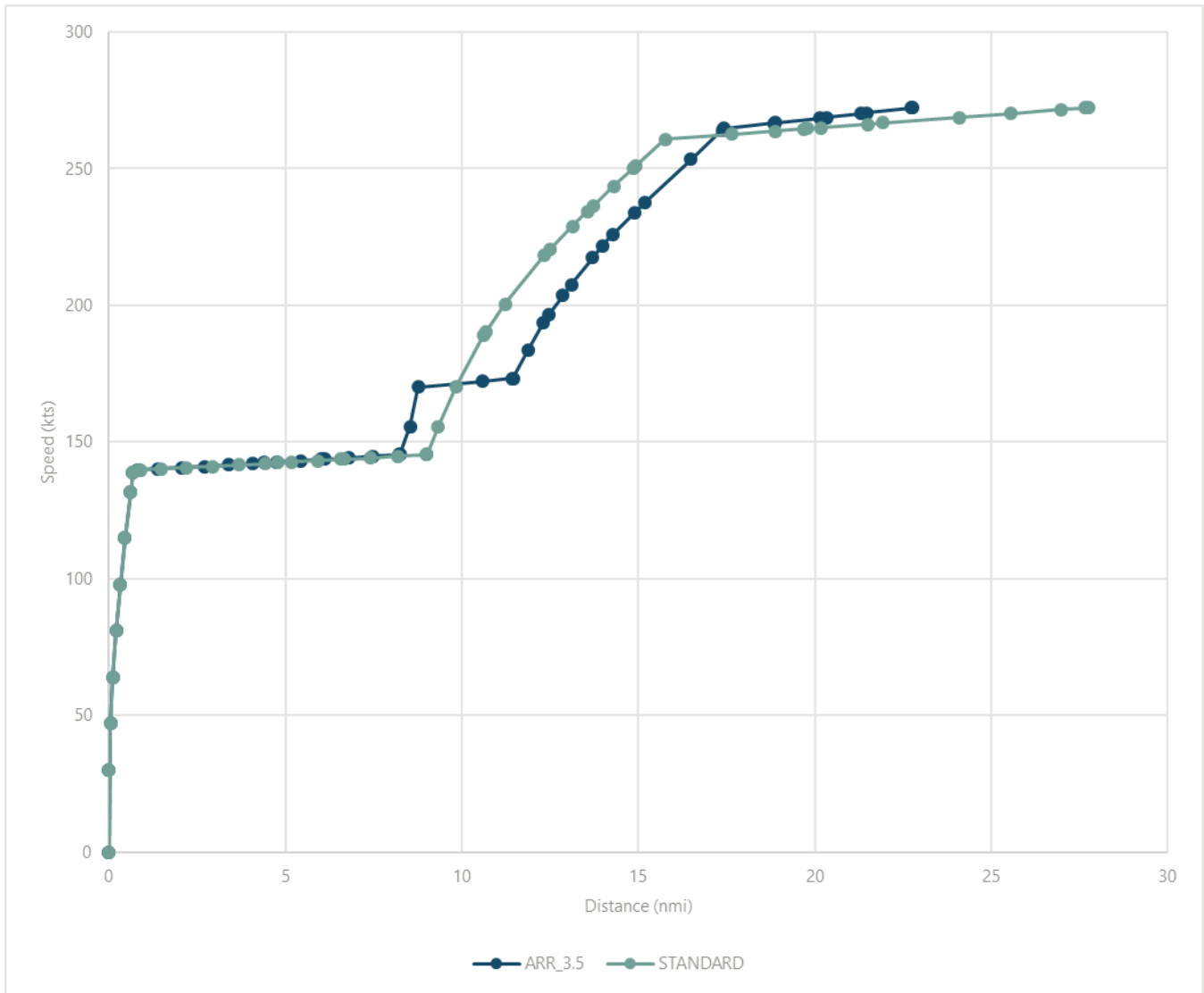


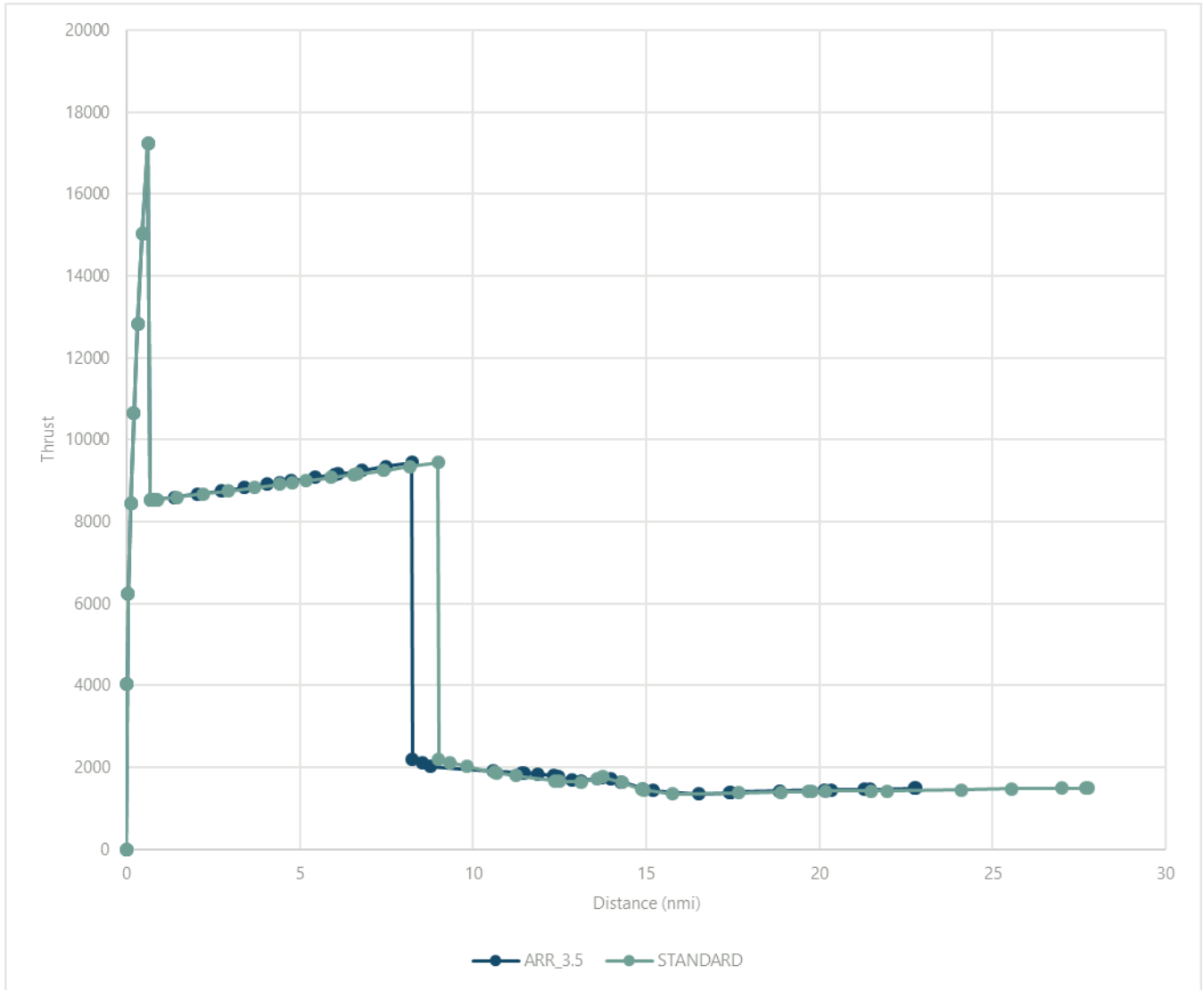
EXHIBIT C-26 757300 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-27 757300 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-10 (1 OF 2) 757300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
22.77193	0	6016.4	272.3	1486	27.74254	0	6016.4	272.3	1486
22.72619	0.045742	5999.4	272.2348	1485.193	27.67443	0.068115	5999.4	272.2349	1486.781
21.46815	1.303789	5531.851	270.4406	1462.992	26.99045	0.752095	5828.693	271.5812	1494.618
21.30011	1.471829	5469.4	270.2	1460	25.55085	2.191696	5469.4	270.2	1469.396
20.32333	2.448604	5106.4	268.7	1445.324	24.09959	3.642952	5106.4	268.7	1452.002
20.15391	2.618028	5043.435	268.468	1446.672	21.93719	5.805354	4565.4	266.7	1423.616
18.86763	3.904304	4565.4	266.7	1423.974	21.49498	6.247562	4454.708	266.2685	1415.701
18.84404	3.927898	4556.632	266.6658	1422.837	20.18074	7.561801	4125.733	264.9819	1416.864
17.42263	5.349306	4028.4	264.6	1398.571	19.7919	7.950639	4028.4	264.6	1412.535
17.39037	5.381563	4016.4	264	1374.385	19.67632	8.066223	3999.4	264.4916	1409.435
16.49934	6.272593	4016.4	253.5	1353.173	18.87087	8.871671	3797.313	263.7364	1387.835
15.19752	7.574412	4016.4	237.6	1432.018	17.66357	10.07897	3494.4	262.6	1374.363
14.90461	7.867323	4016.4	233.8635	1476.9	15.75956	11.98298	3016.4	260.8	1353.478
14.27933	8.492599	4016.4	225.6802	1645.088	14.93145	12.8111	3016.4	251.0559	1451.246
13.98326	8.788674	4016.4	221.7	1712.185	14.86853	12.87401	3016.4	250.3	1460.52
13.70715	9.064788	4016.4	217.3751	1739.217	14.30617	13.43637	3016.4	243.5589	1634.878
13.10565	9.666286	4016.4	207.6419	1677.972	13.73398	14.00856	3016.4	236.5029	1772.636
12.86396	9.907975	4016.4	203.6	1684.457	13.56671	14.17583	3016.4	234.4	1713.804
12.463	10.30893	4016.4	196.4017	1767.707	13.13248	14.61006	3016.4	228.841	1638.102
12.31624	10.45569	4016.4	193.7	1800.092	12.48984	15.2527	3016.4	220.3566	1657.568
11.87604	10.89589	4016.4	183.45	1833.856	12.35245	15.3901	3016.4	218.5	1669.055
11.45977	11.31216	4016.4	173.2	1868.044	11.23315	16.5094	3016.4	200.4	1798.619
11.41403	11.35791	3999.4	173.1459	1870.484	10.68543	17.05711	3016.4	190.5	1869.223
10.58607	12.18586	3691.709	172.1675	1914.651	10.61291	17.12963	3016.4	188.8505	1880.981
8.768908	14.00303	3016.4	170	2014	9.828961	17.91358	3016.4	170	2014
8.540144	14.23179	2931.4	155.6	2120	9.330287	18.41226	2931.4	155.6	2120
8.252295	14.51964	2824.4	145.4	2195	9.01232	18.73022	2824.4	145.4	2195
8.235838	14.5361	2824.4	145.4	9439	8.995863	18.74668	2824.4	145.4	9439
7.479762	15.29217	2543.4	144.8	9341	8.177412	19.56513	2543.4	144.8	9341
6.793633	15.9783	2288.4	144.2	9252	7.420185	20.32236	2288.4	144.2	9252
6.107504	16.66443	2033.4	143.7	9165	6.66592	21.07662	2033.4	143.7	9165
6.016005	16.75593	1999.4	143.6328	9153.577	6.564955	21.17759	1999.4	143.6328	9153.577
5.426641	17.34529	1780.4	143.2	9080	5.914618	21.82793	1780.4	143.2	9080
4.748577	18.02336	1528.4	142.6	8995	5.166278	22.57627	1528.4	142.6	8995
4.409544	18.36239	1402.4	142.4	8954	4.793177	22.94937	1402.4	142.4	8954
4.070512	18.70142	1276.4	142.1	8912	4.420736	23.32181	1276.4	142.1	8912
3.39508	19.37685	1025.4	141.6	8830	3.678156	24.06439	1025.4	141.6	8830
2.72508	20.04685	776.4	141.1	8749	2.938374	24.80417	776.4	141.1	8749

TABLE C-10 (2 OF 2) 757300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
2.055079	20.71685	527.4	140.6	8670	2.201555	25.54099	527.4	140.6	8670
1.387712	21.38422	279.4	140.1	8591	1.467368	26.27518	279.4	140.1	8591
0.857544	21.91439	82.4	139.7301	8529.051	0.884381	26.85816	82.4	139.7301	8529.051
0.814484	21.95745	66.4	139.7	8524	0.837031	26.90551	66.4	139.7	8524
0.680023	22.09191	16.4	138.7	8524	0.680023	27.06252	16.4	138.7	8524
0.612019	22.15991	16.4	131.7	17240	0.612019	27.13052	16.4	131.7	17240
0.456554	22.31538	16.4	114.75	15040	0.456554	27.28599	16.4	114.75	15040
0.322474	22.44946	16.4	97.8	12840	0.322474	27.42007	16.4	97.8	12840
0.209778	22.56216	16.4	80.85	10640	0.209778	27.53277	16.4	80.85	10640
0.118468	22.65347	16.4	63.9	8440	0.118468	27.62408	16.4	63.9	8440
0.048541	22.72339	16.4	46.95	6240	0.048541	27.694	16.4	46.95	6240
0	22.77193	16.4	0	0	0	27.74254	16.4	0	0
0	22.77193	16.4	30	4040	0	27.74254	16.4	30	4040

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

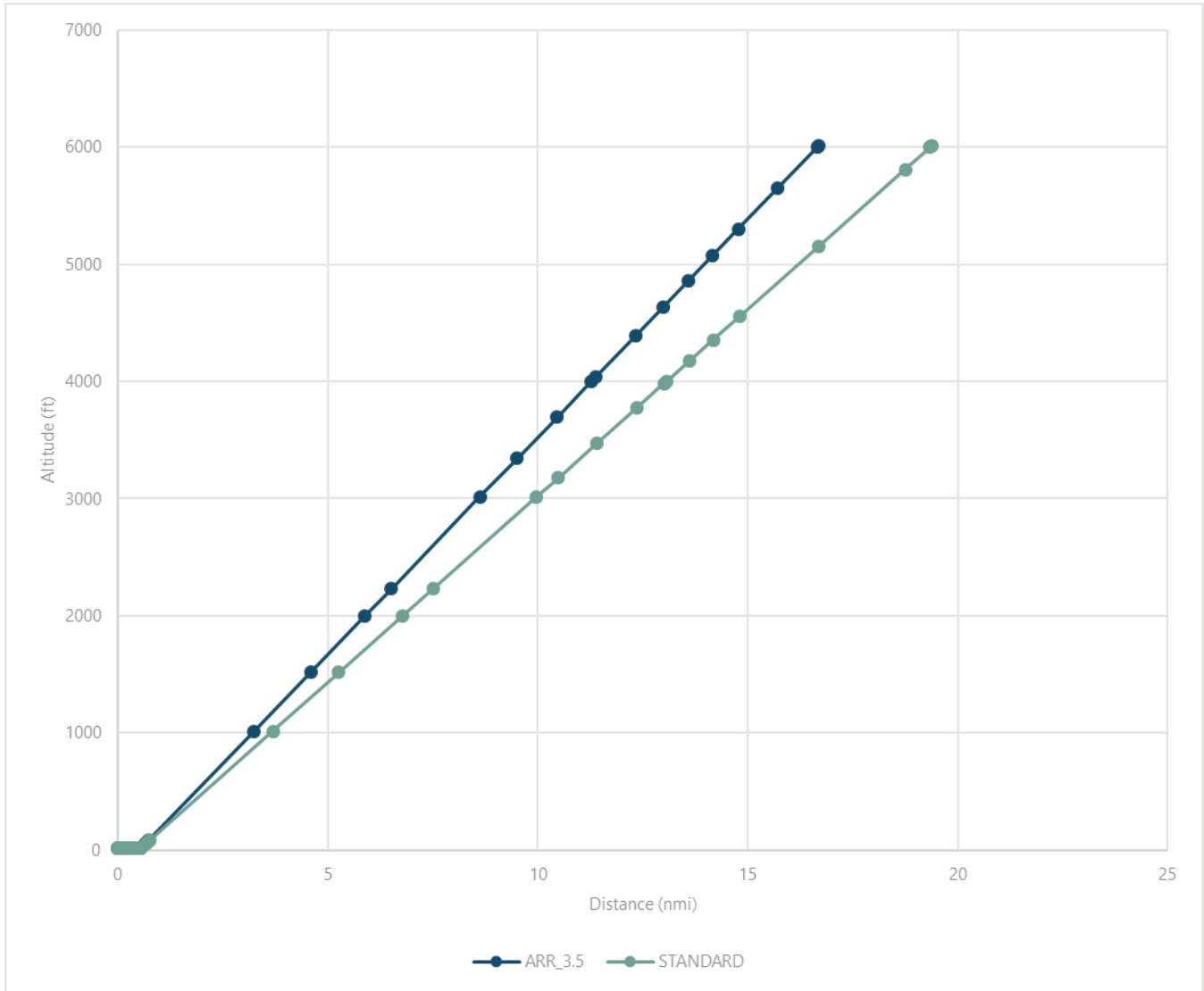
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

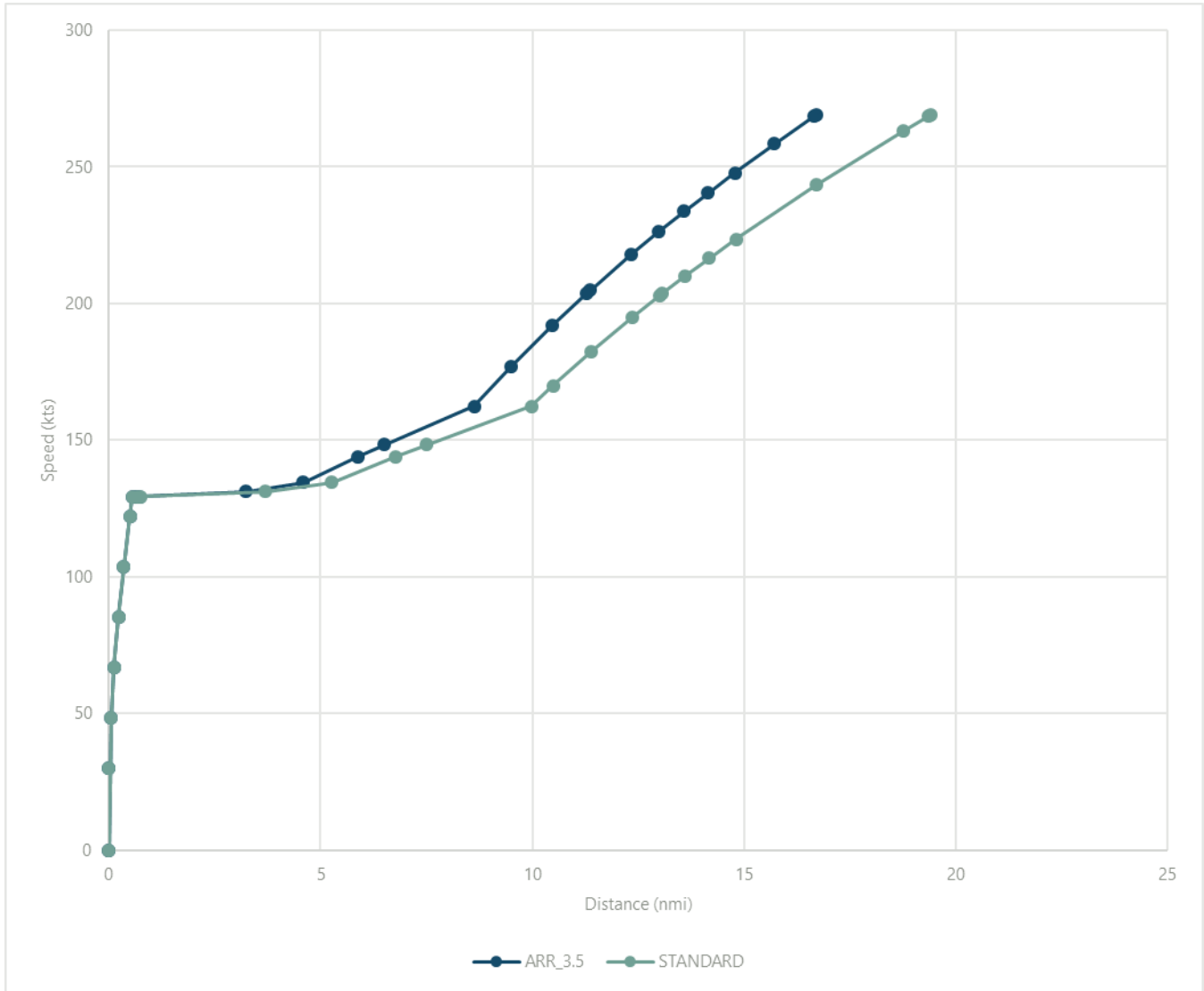
EXHIBIT C-28 757PW ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

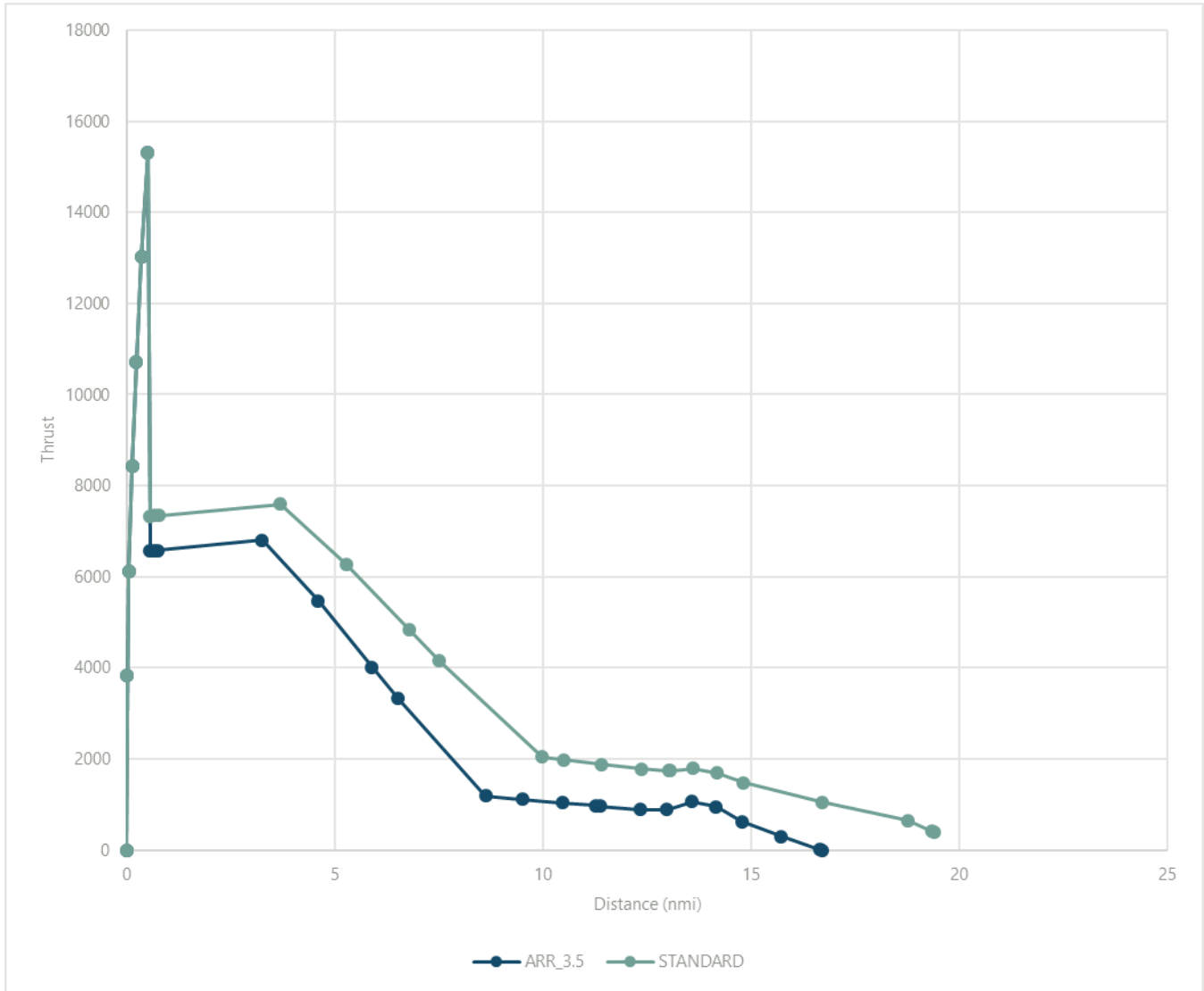
EXHIBIT C-29 757PW SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-30 757PW THRUST VERSUS CUMULATIVE DISTANCE



NOTES:
 nmi – nautical miles
 Thrust – net corrected thrust in pounds
 ARR_3.5 – user defined 3.5-degree approach performance profile
 Altitude – height above airfield elevation
 Distance – cumulative distance starting from end of landing roll on Runway 27
 Standard – AEDT Standard aircraft performance profile
 SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-11 757PW PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.69753	0	6016.4	268.9935	1	19.3946	0	6016.4	268.9935	384.4723
16.65179	0.045744	5999.4	268.4993	14.62883	19.34121	0.053386	5999.4	268.5036	406.8402
15.71767	0.979859	5652.254	258.4067	292.9344	18.74625	0.648352	5809.942	263.0435	656.1215
14.77715	1.920378	5302.728	247.8198	627.7317	16.69651	2.698084	5157.234	243.2772	1053.364
14.15188	2.545655	5070.355	240.5237	947.3834	14.80682	4.587777	4555.488	223.5109	1482.255
13.57969	3.117843	4857.712	233.6475	1068.019	14.18155	5.213053	4356.378	216.5736	1690.789
12.97819	3.719342	4634.177	226.1938	894.225	13.60936	5.785242	4174.172	210.0246	1797.01
12.33555	4.361986	4395.35	217.9488	889.9754	13.06051	6.334088	3999.4	203.535	1746.368
11.3672	5.330335	4035.481	204.8994	966.3144	13.00786	6.38674	3982.634	202.9124	1741.509
11.27011	5.427425	3999.4	203.505	974.682	12.36521	7.029385	3777.993	195.0273	1781.726
10.45862	6.238917	3697.824	191.85	1044.62	11.39446	8.000138	3468.87	182.4714	1885.589
9.503637	7.193895	3342.925	177.1007	1116.436	10.48828	8.906316	3180.311	169.9155	1986.643
8.625012	8.07252	3016.4	162.3515	1188.251	9.973545	9.421054	3016.4	162.3515	2041.154
6.512293	10.18524	2231.248	148.4372	3327.544	7.507892	11.88671	2231.248	148.4372	4158.704
5.888427	10.8091	1999.4	143.9244	4021.385	6.779808	12.61479	1999.4	143.9244	4845.493
4.588751	12.10878	1516.4	134.5229	5466.836	5.263018	14.13158	1516.4	134.5229	6276.254
3.243331	13.4542	1016.4	131.1476	6804.96	3.692842	15.70176	1016.4	131.1476	7600.012
0.730087	15.96745	82.4	129.281	6578.892	0.759754	18.63484	82.4	129.281	7347.533
0.649124	16.04841	52.31176	129.2204	6571.478	0.665267	18.72933	52.31176	129.2204	7339.251
0.552491	16.14504	16.4	129.1481	6562.623	0.552491	18.84211	16.4	129.1481	7329.362
0.497242	16.20029	16.4	122.2239	15320	0.497242	18.89736	16.4	122.2239	15320
0.349691	16.34784	16.4	103.8024	13022	0.349691	19.04491	16.4	103.8024	13022
0.226191	16.47134	16.4	85.38087	10724	0.226191	19.16841	16.4	85.38087	10724
0.126743	16.57079	16.4	66.95937	8426	0.126743	19.26786	16.4	66.95937	8426
0.051346	16.64619	16.4	48.53788	6128	0.051346	19.34325	16.4	48.53788	6128
0	16.69753	16.4	0	0	0	19.3946	16.4	0	0
0	16.69753	16.4	30.11638	3830	0	19.3946	16.4	30.11638	3830

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

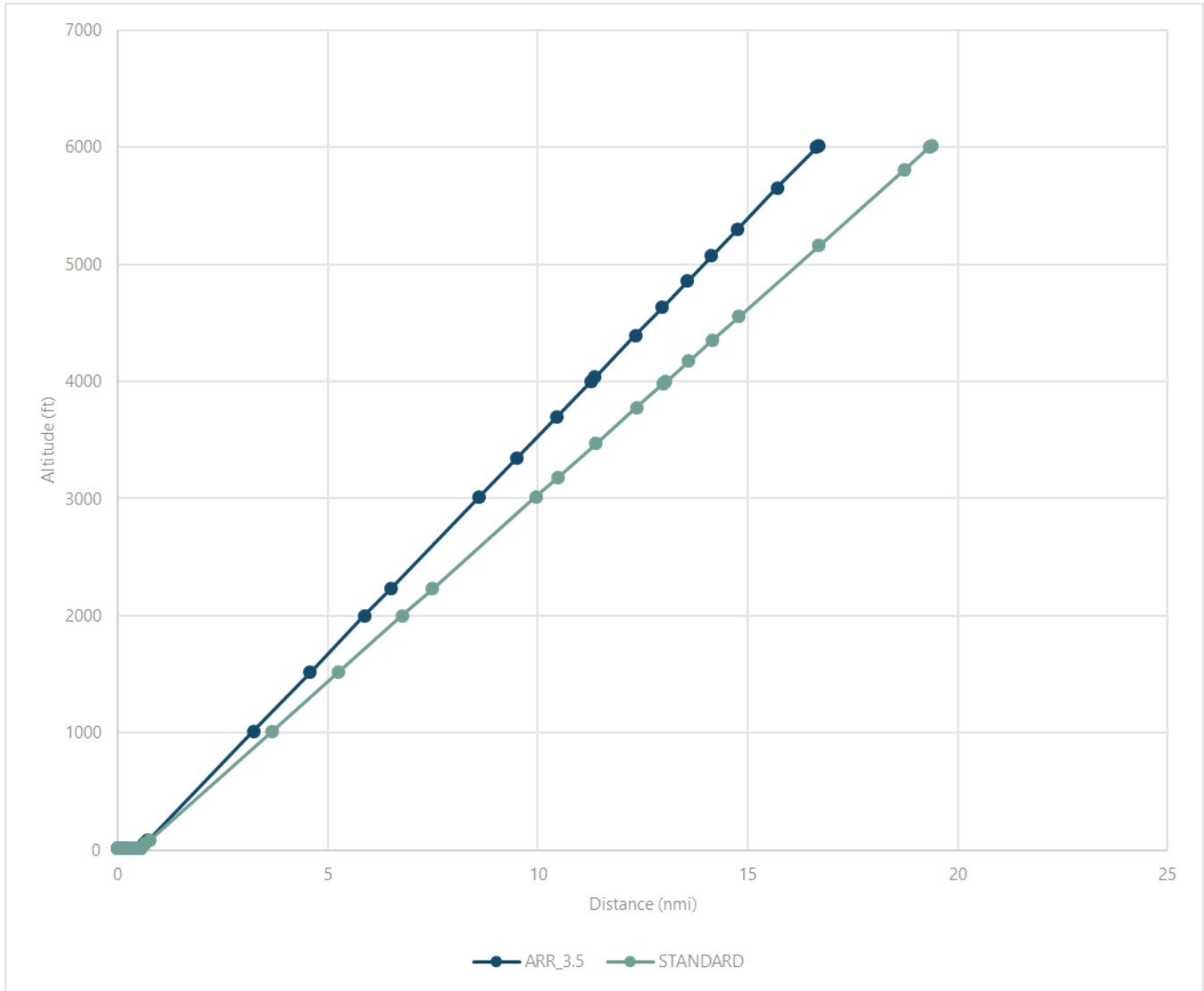
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

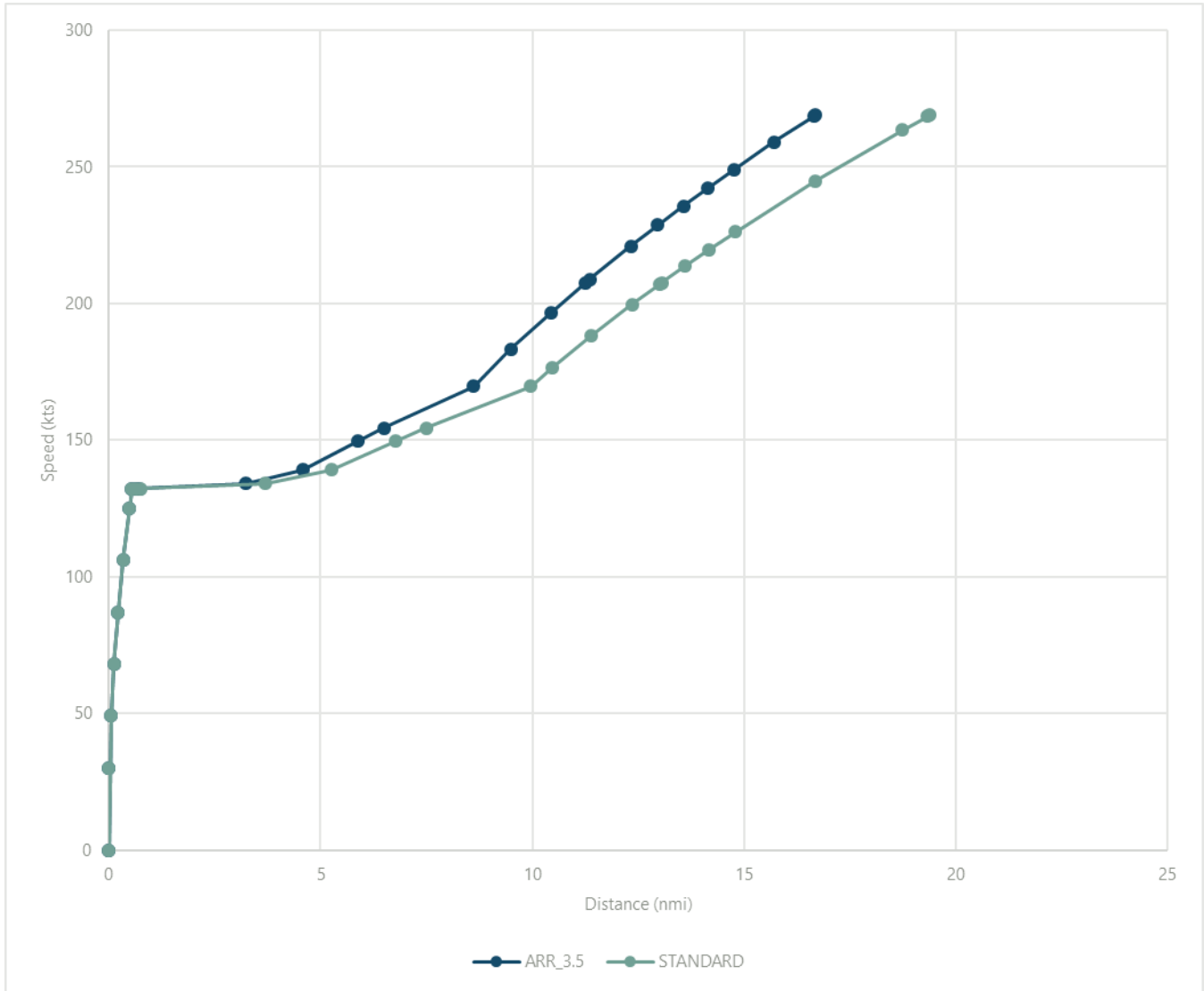
EXHIBIT C-31 767300 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

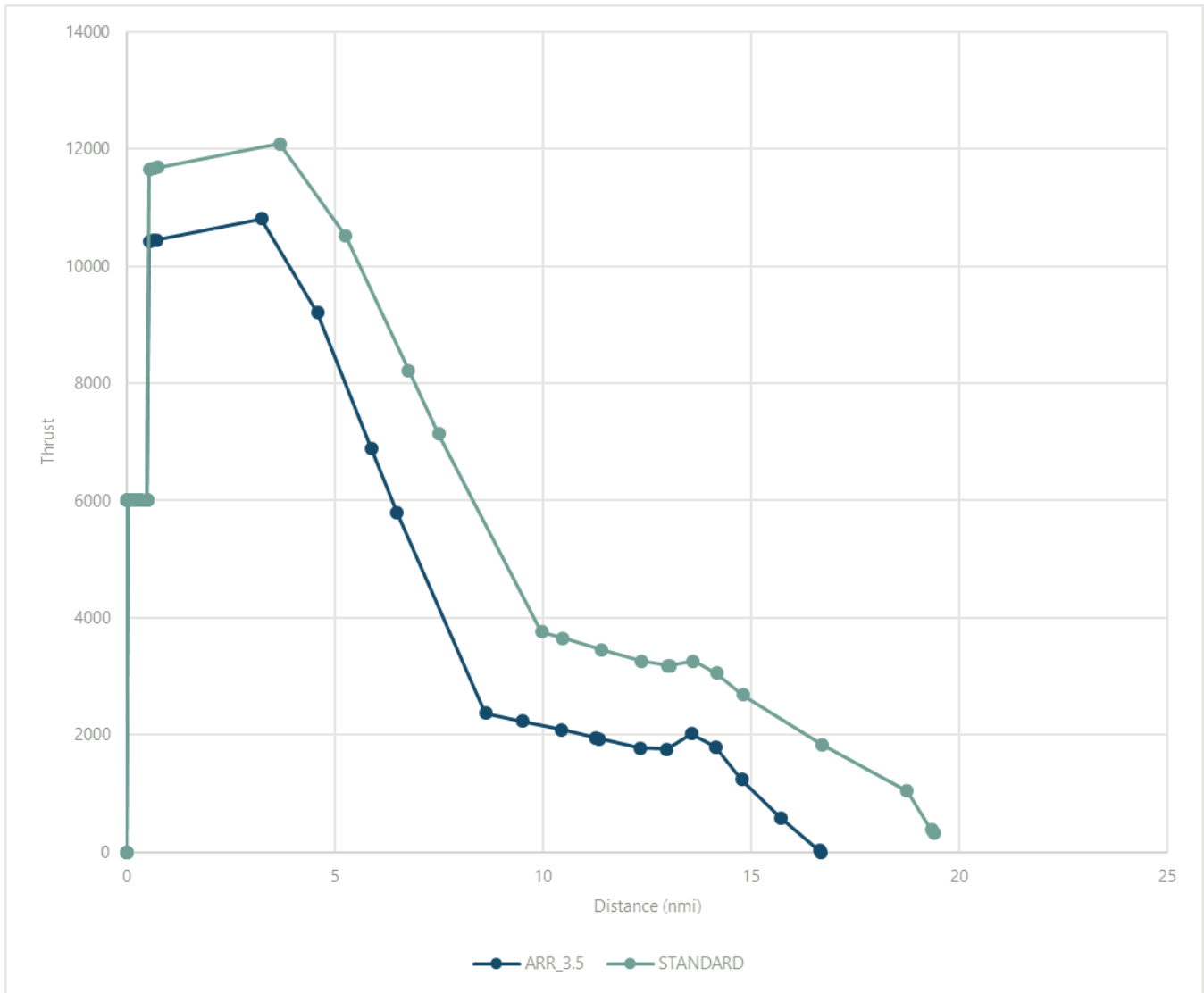
EXHIBIT C-32 767300 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-33 767300 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-12 767300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.68568	0	6016.4	268.9935	1	19.38275	0	6016.4	268.9935	316.4622
16.63994	0.045744	5999.4	268.526	28.25792	19.32936	0.053386	5999.4	268.5298	375.9031
15.70695	0.978732	5652.673	258.9907	584.2026	18.7344	0.648352	5809.942	263.3624	1038.348
14.7653	1.920378	5302.728	248.9879	1237.655	16.68982	2.692927	5158.876	244.7575	1833.676
14.14003	2.545655	5070.355	242.1176	1795.873	14.79497	4.587777	4555.488	226.1527	2682.414
13.56784	3.117843	4857.712	235.6551	2023.989	14.1697	5.213053	4356.378	219.6678	3058.277
12.96634	3.719342	4634.177	228.6648	1759.583	13.59751	5.785242	4174.172	213.5611	3258.062
12.3237	4.361986	4395.35	220.9521	1774.562	13.04866	6.334088	3999.4	207.5262	3184.38
11.35799	5.327696	4036.462	208.8271	1930.198	12.99601	6.38674	3982.634	206.9473	3177.312
11.25826	5.427425	3999.4	207.5001	1947.544	12.35336	7.029385	3777.993	199.6391	3260.277
10.44677	6.238917	3697.824	196.7021	2088.685	11.38613	7.996622	3469.99	188.1052	3457.949
9.496179	7.189503	3344.557	183.2001	2232.279	10.47643	8.906316	3180.311	176.5713	3650.156
8.613162	8.07252	3016.4	169.6981	2375.872	9.961695	9.421054	3016.4	169.6981	3753.384
6.495195	10.19049	2229.297	154.4197	5790.432	7.489916	11.89283	2229.297	154.4197	7132.876
5.876577	10.8091	1999.4	149.4927	6891.57	6.767958	12.61479	1999.4	149.4927	8222.705
4.576902	12.10878	1516.4	139.1414	9204.992	5.251168	14.13158	1516.4	139.1414	10512.37
3.231482	13.4542	1016.4	134.102	10807.75	3.680993	15.70176	1016.4	134.102	12092.17
0.718237	15.96745	82.4	132.2122	10448.73	0.747905	18.63484	82.4	132.2122	11690.48
0.637274	16.04841	52.31176	132.1509	10436.95	0.653417	18.72933	52.31176	132.1509	11677.3
0.540641	16.14504	16.4	132.0776	10422.89	0.540641	18.84211	16.4	132.0776	11661.57
0.486577	16.19911	16.4	125.0347	6000	0.486577	18.89617	16.4	125.0347	6000
0.341633	16.34405	16.4	106.051	6000	0.341633	19.04112	16.4	106.051	6000
0.220504	16.46518	16.4	87.06738	6000	0.220504	19.16225	16.4	87.06738	6000
0.123188	16.56249	16.4	68.08372	6000	0.123188	19.25956	16.4	68.08372	6000
0.049687	16.636	16.4	49.10005	6000	0.049687	19.33306	16.4	49.10005	6000
0	16.68568	16.4	0	0	0	19.38275	16.4	0	0
0	16.68568	16.4	30.11638	6000	0	19.38275	16.4	30.11638	6000

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

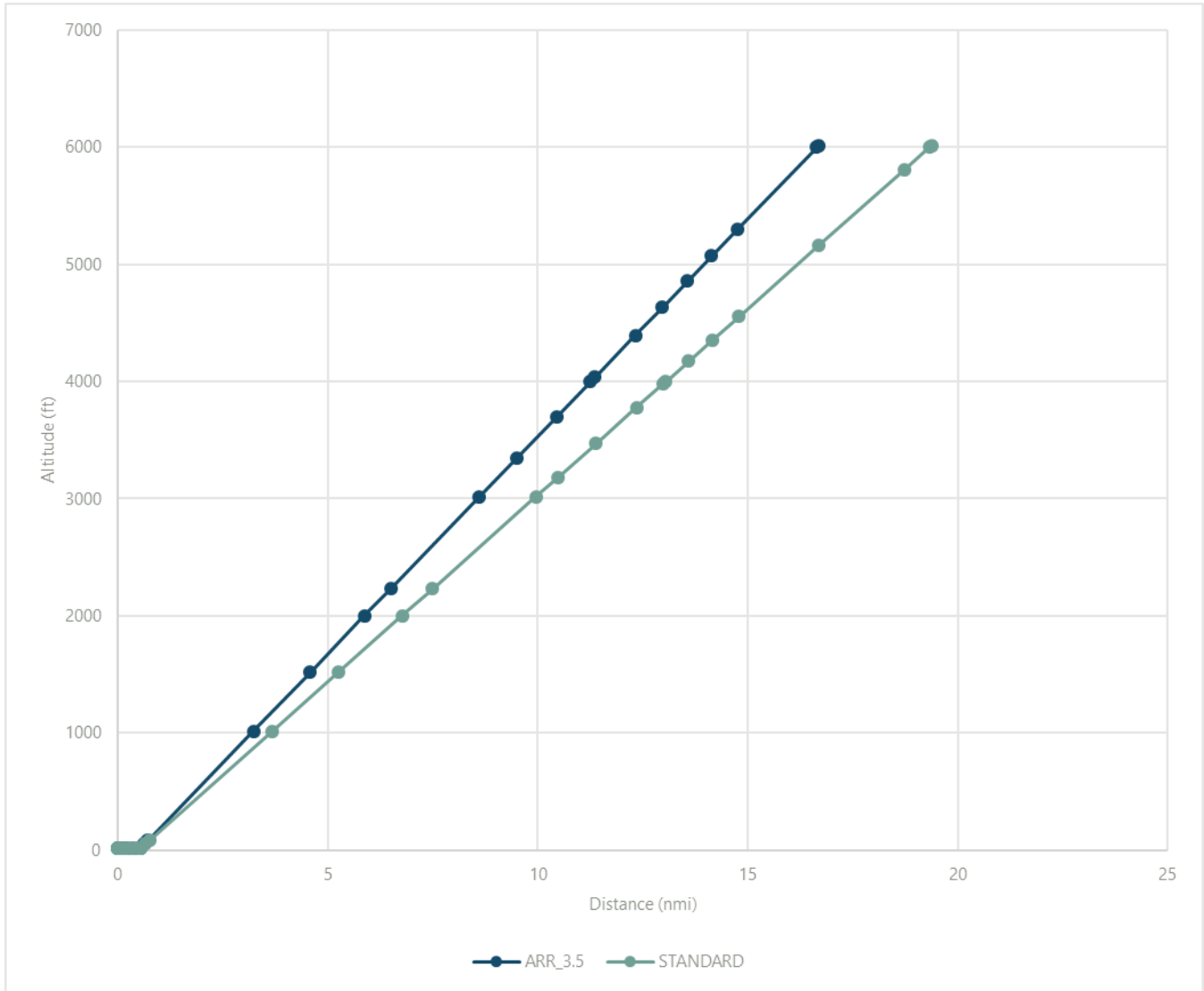
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

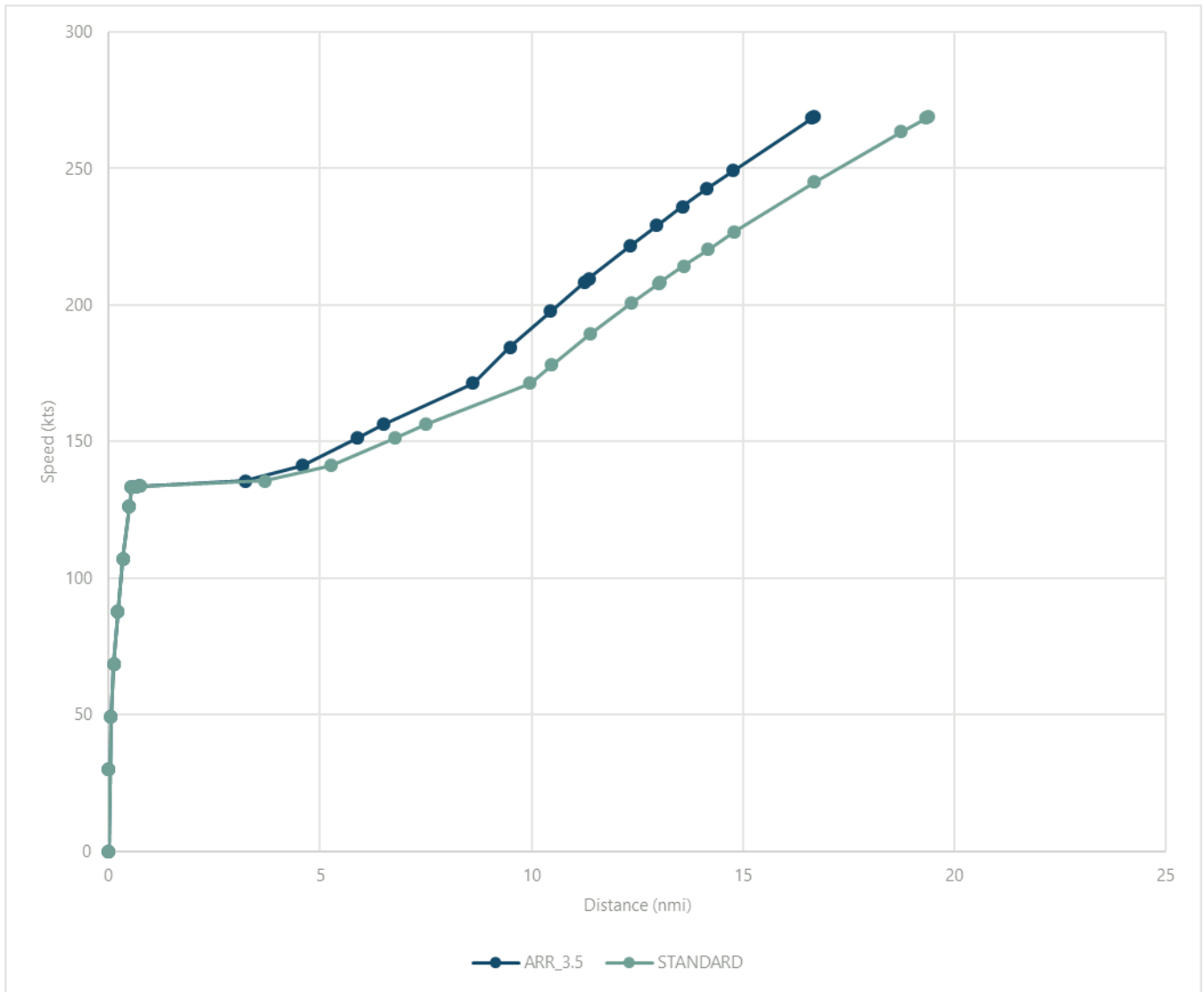
EXHIBIT C-34 767CF6 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

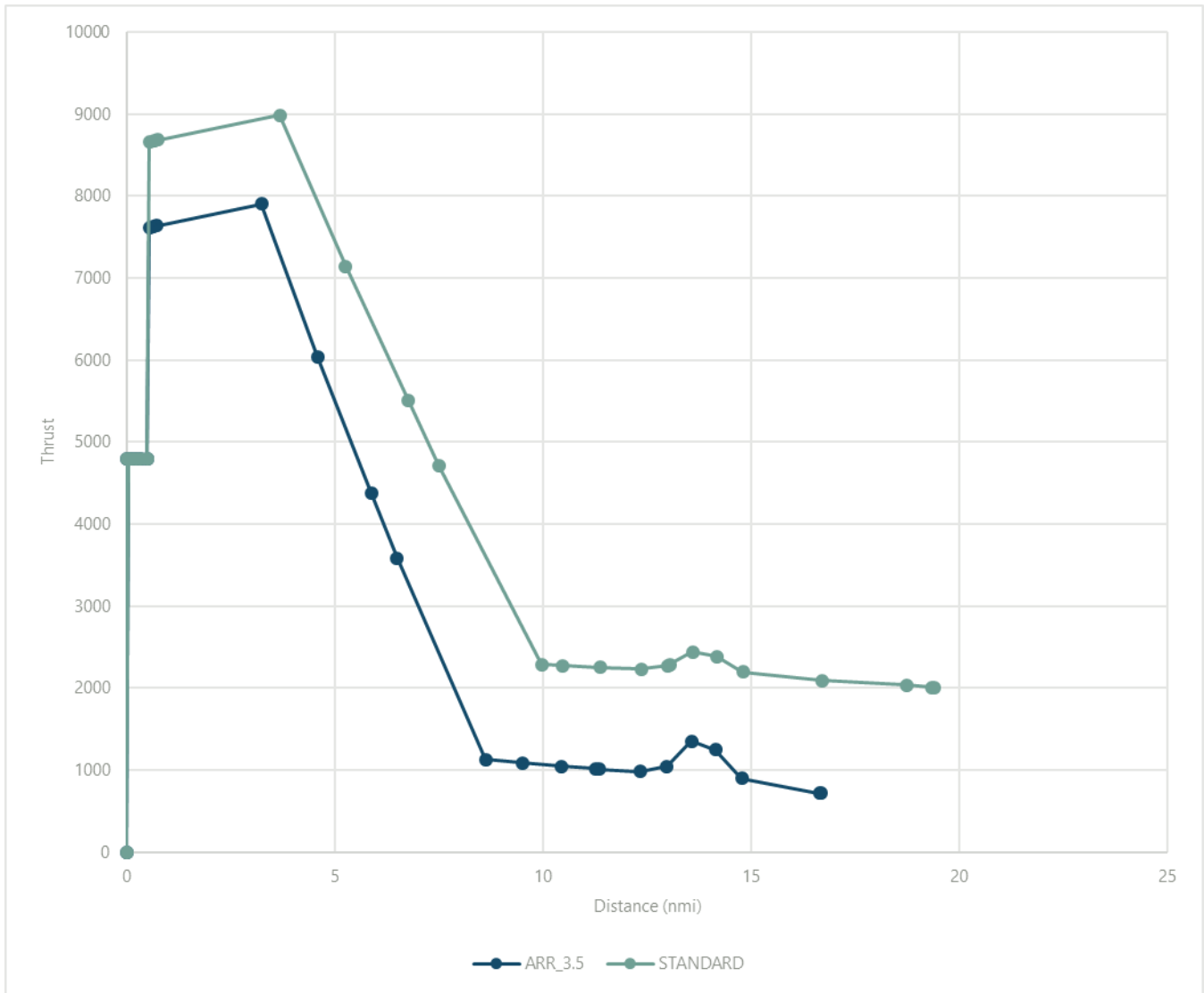
EXHIBIT C-35 767CF6 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-36 767CF6 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-13 767CF6 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.6842	0	6016.4	268.9935	714.0445	19.38127	0	6016.4	268.9935	2007.339
16.63846	0.045744	5999.4	268.5231	718.4794	19.32788	0.053386	5999.4	268.5356	2009.593
14.76382	1.920378	5302.728	249.2442	900.2269	18.73292	0.648352	5809.942	263.4325	2034.706
14.13855	2.545655	5070.355	242.4669	1249.01	16.68946	2.691809	5159.232	245.0812	2091.596
13.56636	3.117843	4857.712	236.0946	1348.751	14.79349	4.587777	4555.488	226.7299	2193.904
12.96486	3.719342	4634.177	229.205	1048.019	14.16821	5.213053	4356.378	220.3428	2384.098
12.32222	4.361986	4395.35	221.6075	982.1011	13.59603	5.785242	4174.172	214.3314	2442.993
11.35706	5.327142	4036.668	209.6807	1013.306	13.04718	6.334088	3999.4	208.3942	2284.75
11.25678	5.427425	3999.4	208.3689	1017.003	12.99453	6.38674	3982.634	207.8246	2269.569
10.44528	6.238917	3697.824	197.7539	1046.919	12.35188	7.029385	3777.993	200.6397	2232.115
9.495587	7.188614	3344.887	184.5131	1086.557	11.38536	7.995903	3470.219	189.3211	2255.197
8.611681	8.07252	3016.4	171.2723	1126.195	10.47495	8.906316	3180.311	178.0025	2273.859
6.496417	10.18778	2230.302	156.2332	3582.975	9.960214	9.421054	3016.4	171.2723	2288.314
5.875096	10.8091	1999.4	151.369	4377.587	7.491591	11.88968	2230.302	156.2332	4715.445
4.57542	12.10878	1516.4	141.194	6039.754	6.766477	12.61479	1999.4	151.369	5500.468
3.23	13.4542	1016.4	135.5282	7900.645	5.249687	14.13158	1516.4	141.194	7142.575
0.716756	15.96745	82.4	133.6037	7638.179	3.679511	15.70176	1016.4	135.5282	8984.173
0.635793	16.04841	52.31176	133.5412	7629.571	0.746423	18.63484	82.4	133.6037	8685.712
0.53916	16.14504	16.4	133.4666	7619.291	0.651936	18.72933	52.31176	133.5412	8675.922
0.485244	16.19896	16.4	126.3398	4800	0.53916	18.84211	16.4	133.4666	8664.232
0.340446	16.34376	16.4	107.0951	4800	0.485244	18.89602	16.4	126.3398	4800
0.219522	16.46468	16.4	87.85041	4800	0.340446	19.04082	16.4	107.0951	4800
0.122474	16.56173	16.4	68.60573	4800	0.219522	19.16175	16.4	87.85041	4800
0.049299	16.6349	16.4	49.36106	4800	0.122474	19.25879	16.4	68.60573	4800
0	16.6842	16.4	0	0	0.049299	19.33197	16.4	49.36106	4800
0	16.6842	16.4	30.11638	4800	0	19.38127	16.4	0	0
					0	19.38127	16.4	30.11638	4800

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-37 777200 ALTITUDE VERSUS CUMULATIVE DISTANCE

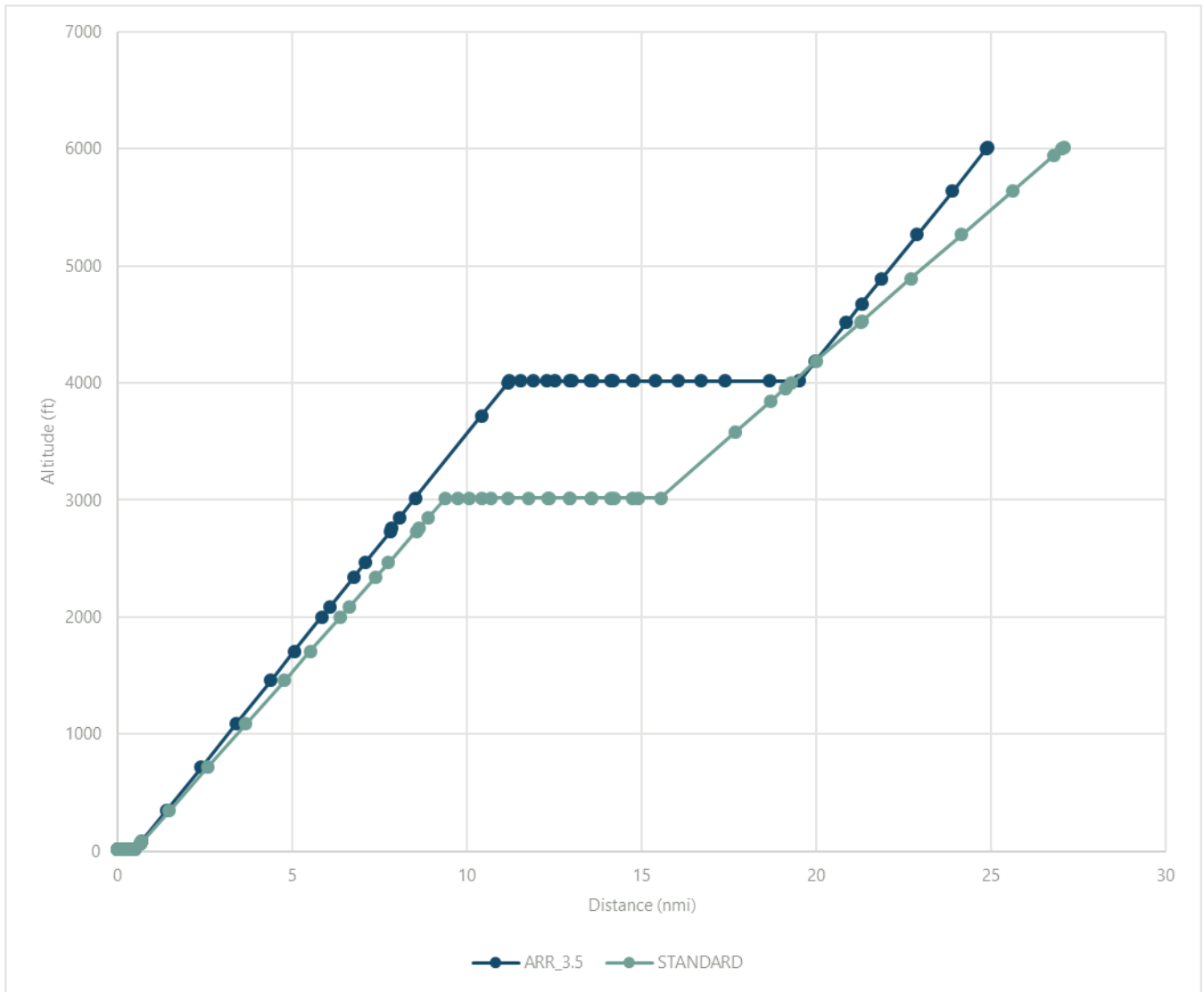
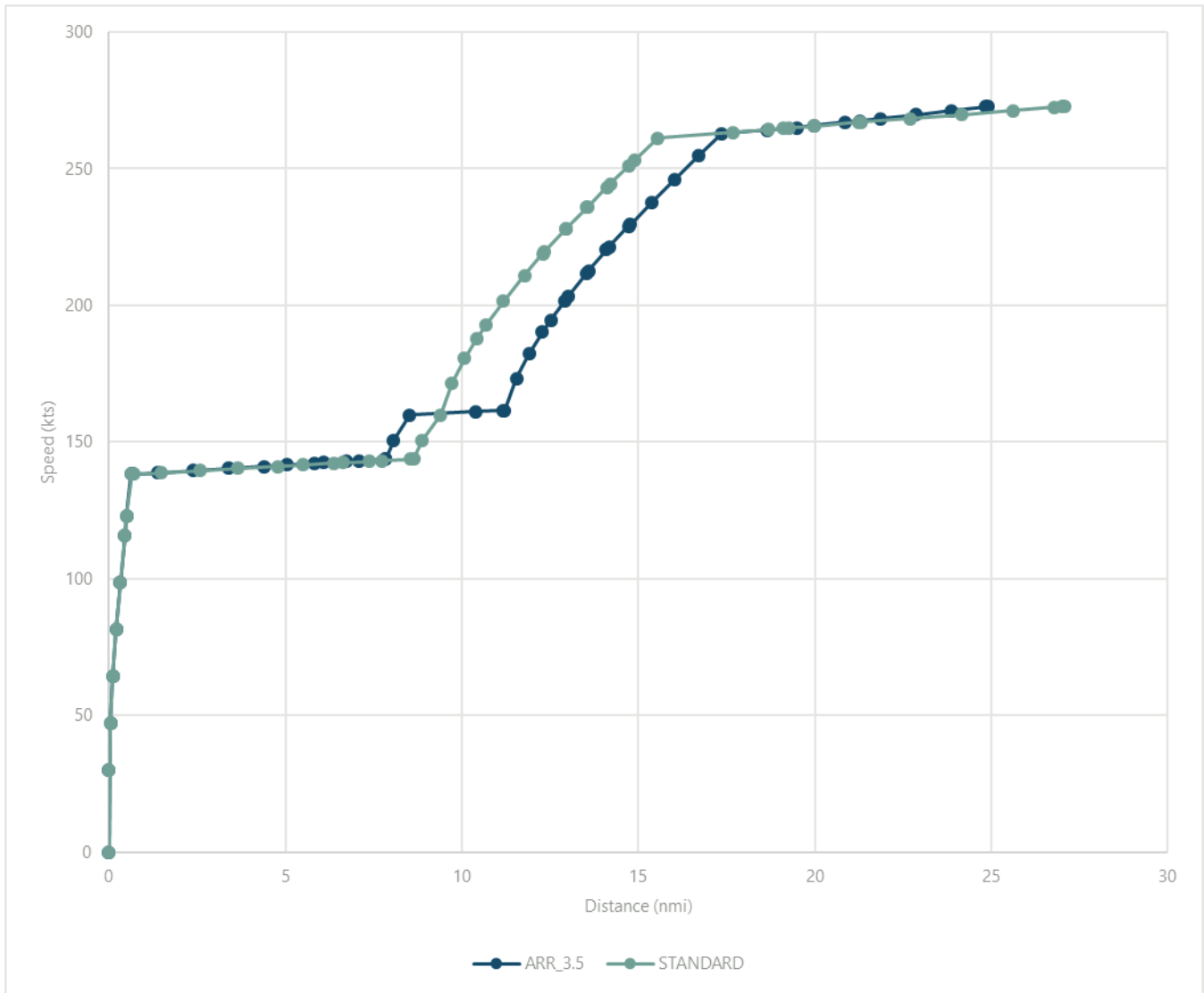


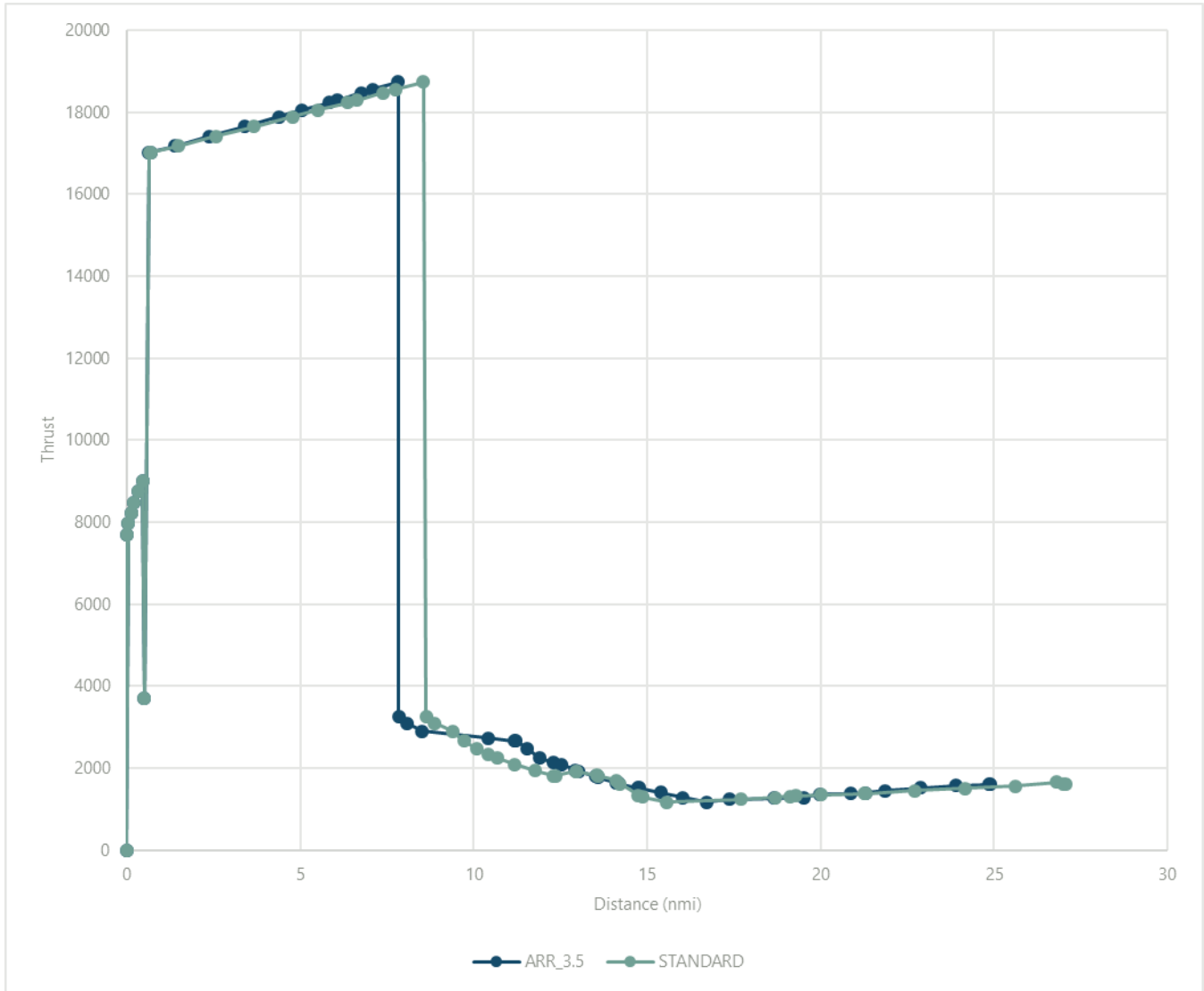
EXHIBIT C-38 777200 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-39 777200 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-14 (1 OF 2) 777200 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
24.89387	0	6016.4	272.7	1601	27.07042	0	6016.4	272.7	1601
24.84812	0.045743	5999.4	272.632	1599.666	27.004	0.066424	5999.4	272.6322	1616.328
23.88483	1.009033	5641.4	271.2	1571.58	26.80198	0.268442	5947.698	272.4258	1662.944
22.8758	2.018066	5266.4	269.8	1513.779	25.60517	1.465245	5641.4	271.2	1564.375
21.86677	3.027098	4891.4	268.3	1452.139	24.14799	2.922426	5266.4	269.8	1506.873
21.29024	3.603622	4677.151	267.4989	1397.506	22.69904	4.371378	4891.4	268.3	1445.842
20.86037	4.033498	4517.4	266.9	1372	21.30651	5.763909	4529.952	266.9471	1374.021
19.976	4.917861	4188.732	265.6551	1357.643	21.25815	5.812266	4517.4	266.9	1372
19.5123	5.381563	4016.4	265	1283	19.99227	7.078148	4186.57	265.6048	1353.962
18.66613	6.227731	4016.4	264.1728	1266.196	19.27609	7.794333	3999.4	264.869	1322.329
17.36932	7.524544	4016.4	262.9	1240	19.11155	7.958868	3956.4	264.7	1315.062
16.70311	8.190759	4016.4	254.6	1171	18.6824	8.388018	3843.461	264.278	1276.739
16.03459	8.859279	4016.4	246.1	1285	17.69041	9.380006	3582.4	263.3	1242.666
15.3896	9.504263	4016.4	237.8	1401	15.54743	11.52299	3016.4	261.2	1173.491
14.76749	10.12637	4016.4	229.5	1516	14.88122	12.1892	3016.4	252.9	1296.017
14.72671	10.16716	4016.4	228.951	1524.251	14.74298	12.32744	3016.4	251.1659	1331.165
14.16843	10.72544	4016.4	221.3	1633	14.2127	12.85772	3016.4	244.4	1609.981
14.10143	10.79243	4016.4	220.3052	1650.153	14.1177	12.95272	3016.4	243.1953	1697.085
13.59273	11.30113	4016.4	212.6	1775	13.56771	13.50271	3016.4	236.1	1808.927
13.52924	11.36462	4016.4	211.5963	1791.66	13.54551	13.52491	3016.4	235.8088	1818.488
13.00387	11.89	4016.4	203.1	1924	12.94561	14.12481	3016.4	227.8	1927.255
12.92775	11.96612	4016.4	201.7989	1950.131	12.94401	14.12641	3016.4	227.7786	1926.214
12.5154	12.37847	4016.4	194.6	2086	12.34654	14.72388	3016.4	219.6	1808.773
12.2851	12.60876	4016.4	190.0949	2145.257	12.30137	14.76905	3016.4	218.9299	1816.891
11.89938	12.99449	4016.4	182.3	2241	11.77084	15.29958	3016.4	210.9	1936.23
11.54471	13.34915	4016.4	173.2	2478	11.18198	15.88844	3016.4	201.4	2096.431
11.2116	13.68226	4016.4	161.6	2655	10.69351	16.37691	3016.4	192.9	2245.093
11.16586	13.72801	3999.4	161.5712	2659.206	10.42444	16.64598	3016.4	187.6267	2347.464
10.40817	14.4857	3717.822	161.0943	2728.87	10.07749	16.99293	3016.4	180.6	2478
8.52074	16.37313	3016.4	159.9	2895	9.722824	17.3476	3016.4	171.5	2655
8.063375	16.83049	2846.4	150.6	3100	9.389716	17.6807	3016.4	159.9	2895
7.834611	17.05925	2761.4	143.8	3250	8.882813	18.18761	2846.4	150.6	3100
7.818153	17.07571	2735.4	143.7	18735	8.630514	18.43991	2761.4	143.8	3250
7.086271	17.80759	2463.4	143.2	18550	8.552668	18.51775	2735.4	143.7	18735
6.747238	18.14663	2337.4	142.9	18464	7.748701	19.32172	2463.4	143.2	18550
6.069174	18.82469	2085.4	142.4	18295	7.374119	19.6963	2337.4	142.9	18464
5.837744	19.05612	1999.4	142.217	18238.05	6.62726	20.44316	2085.4	142.4	18295
5.057343	19.83652	1709.4	141.6	18046	6.372304	20.69812	1999.4	142.217	18238.05

TABLE C-14 (2 OF 2) 777200 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
4.384709	20.50916	1459.4	141.1	17883	5.512568	21.55785	1709.4	141.6	18046
3.381108	21.51276	1086.4	140.3	17642	4.772951	22.29747	1459.4	141.1	17883
2.38557	22.5083	716.4	139.6	17407	3.668791	23.40163	1086.4	140.3	17642
1.392666	23.5012	347.4	138.8	17176	2.571051	24.49937	716.4	139.6	17407
0.679641	24.21422	82.4	138.3285	17012.9	1.479399	25.59102	347.4	138.8	17176
0.636591	24.25727	66.4	138.3	17003	0.69591	26.37451	82.4	138.3285	17012.9
0.50213	24.39174	16.4	123	3710	0.648605	26.42182	66.4	138.3	17003
0.451917	24.44195	16.4	116	9000	0.50213	26.56829	16.4	123	3710
0.318942	24.57492	16.4	98.8	8740	0.451917	26.6185	16.4	116	9000
0.207263	24.6866	16.4	81.6	8480	0.318942	26.75148	16.4	98.8	8740
0.116879	24.77699	16.4	64.4	8220	0.207263	26.86316	16.4	81.6	8480
0.047792	24.84607	16.4	47.2	7960	0.116879	26.95354	16.4	64.4	8220
0	24.89387	16.4	0	0	0.047792	27.02263	16.4	47.2	7960
0	24.89387	16.4	30	7700	0	27.07042	16.4	0	0
					0	27.07042	16.4	30	7700

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-40 777300 ALTITUDE VERSUS CUMULATIVE DISTANCE

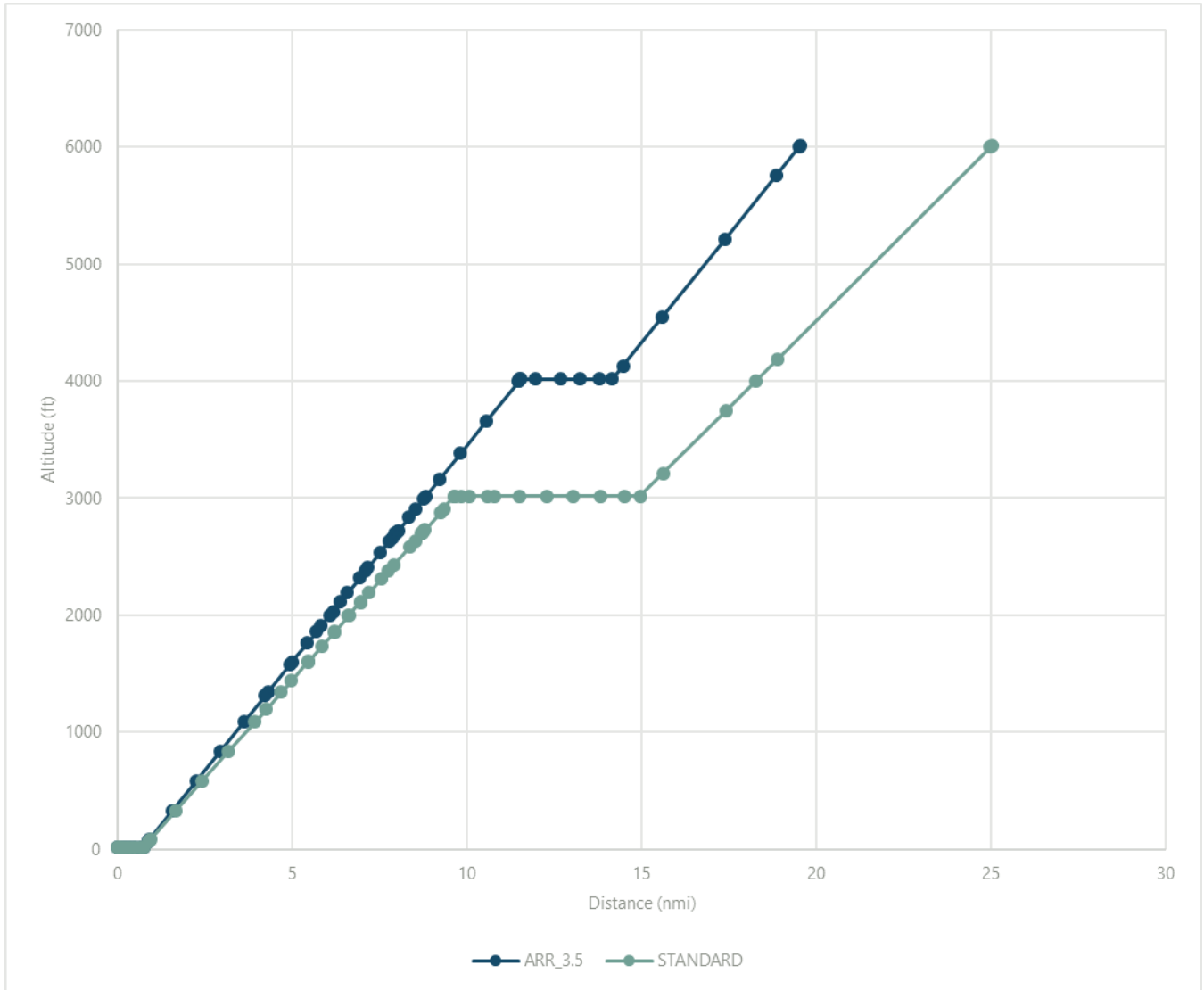
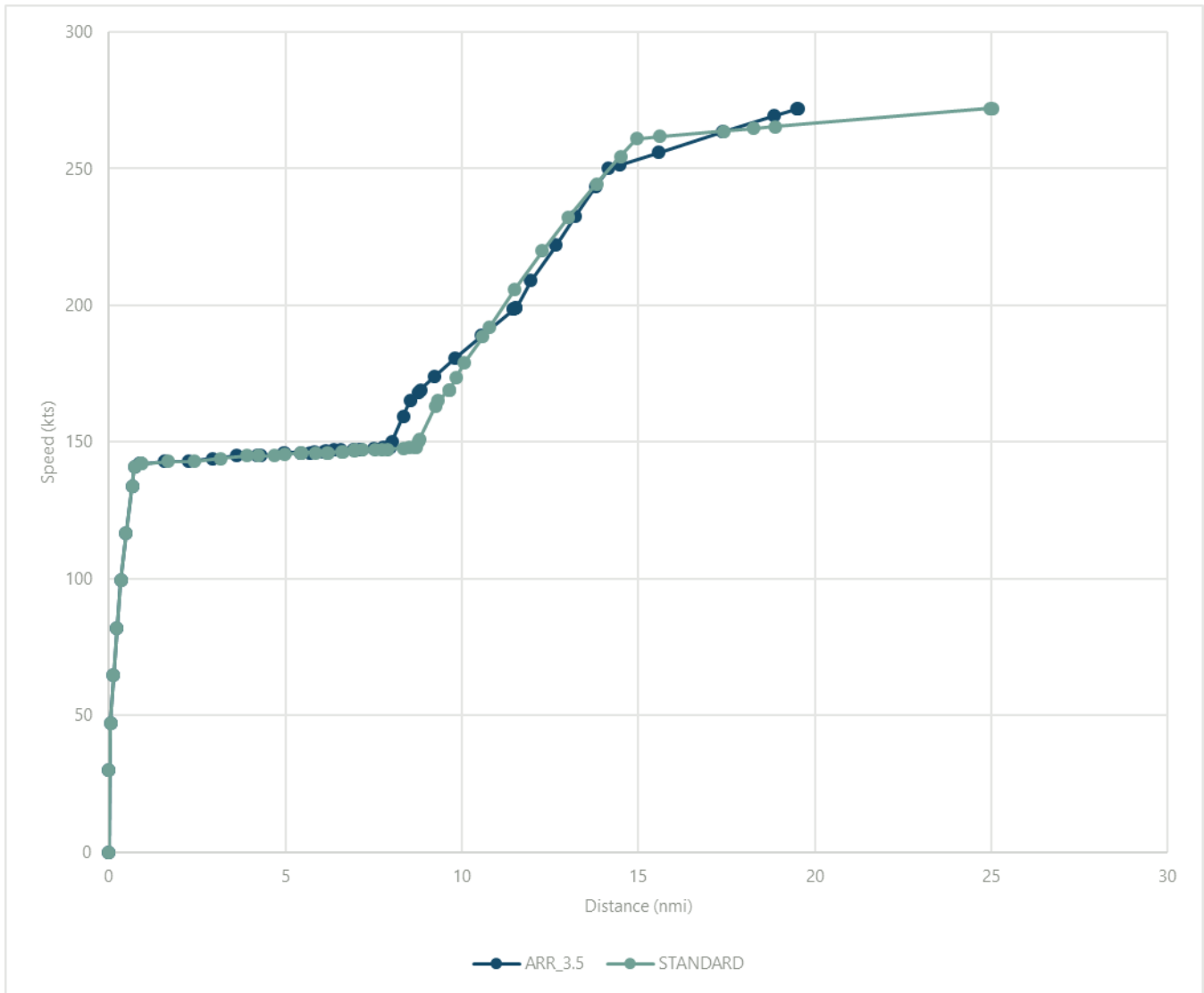


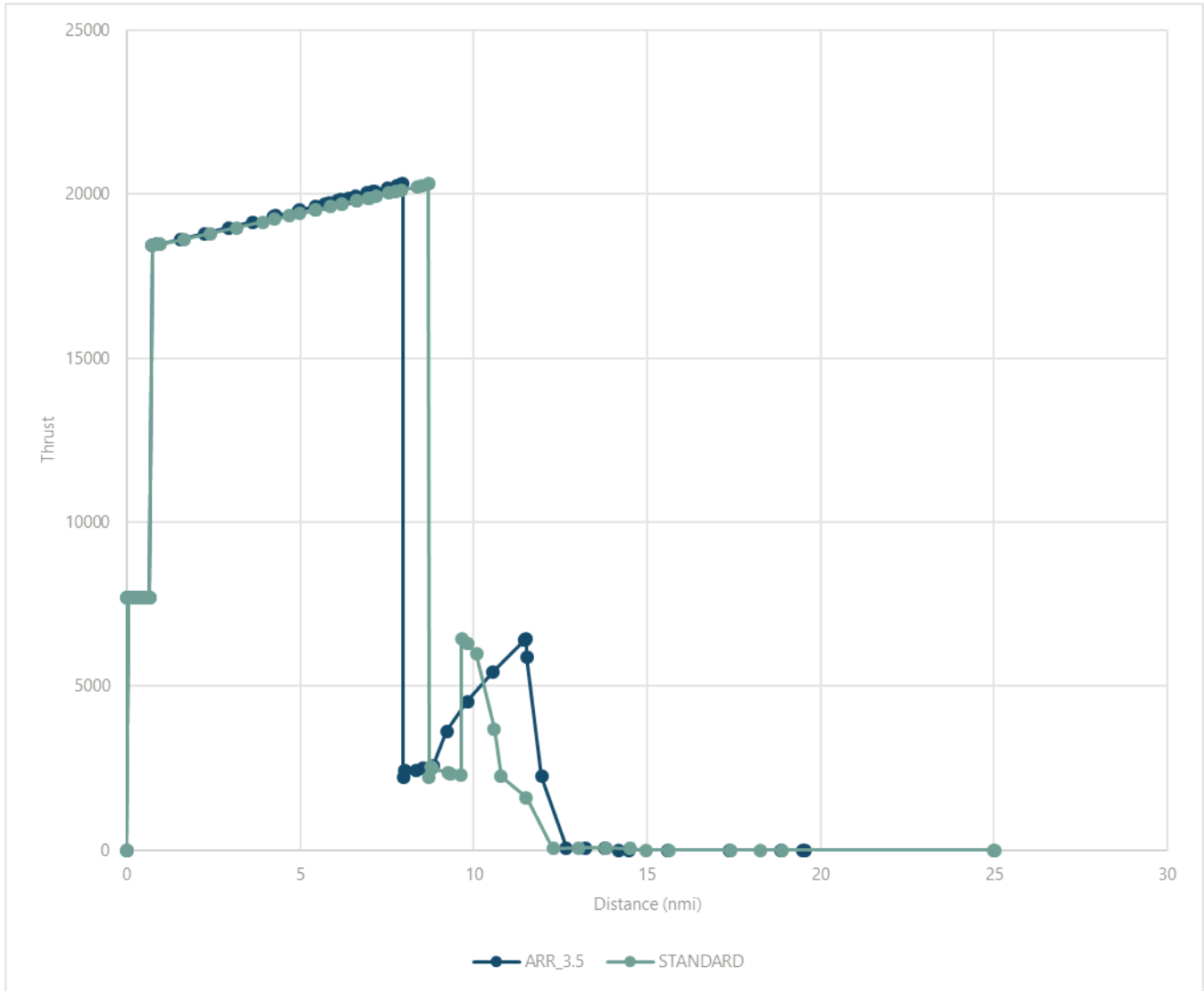
EXHIBIT C-41 777300 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-42 777300 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-15 (1 OF 2) 777300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
19.53926	0	6016.4	272	1	25.02961	0	6016.4	272	1
19.49352	0.045745	5999.4	271.8197	1	24.9725	0.057109	5999.4	271.9382	1
18.84428	0.694985	5758.124	269.2601	1	18.87505	6.154564	4184.318	265.3366	1
17.3845	2.154759	5215.632	263.4122	1	18.25384	6.775765	3999.4	264.6535	1
15.57683	3.962434	4543.849	255.9856	1	17.41527	7.614338	3749.775	263.7314	1
14.46292	5.076344	4129.889	251.2999	1	15.6076	9.422013	3211.669	261.7301	1
14.15753	5.381728	4016.4	250	1	14.95162	10.07798	3016.4	261	1
13.78867	5.750586	4016.4	243.3713	61.41568	14.49369	10.53592	3016.4	254.4414	54.10539
13.21493	6.324331	4016.4	232.6857	62.01318	13.81944	11.21017	3016.4	244.4649	58.93317
12.66694	6.872318	4016.4	222	64.12902	13.02954	12.00007	3016.4	232.2324	57.94322
11.95316	7.586097	4016.4	209	2254.314	12.28018	12.74943	3016.4	220	42.5
11.52954	8.009723	4016.4	199	5889.386	11.50695	13.52266	3016.4	205.9509	1607.124
11.51308	8.026181	4016.4	199	6444.566	10.78959	14.24002	3016.4	192	2240.967
11.47618	8.063084	4002.686	198.6192	6406.206	10.58942	14.44019	3016.4	188.4448	3687.185
11.46733	8.071925	3999.4	198.5256	6396.832	10.07581	14.9538	3016.4	179	5979.874
10.55865	8.980611	3661.707	188.9052	5433.341	9.83776	15.19185	3016.4	173.4516	6296.33
9.806989	9.732271	3382.369	180.5583	4522.168	9.652187	15.37742	3016.4	169	6447.833
9.221306	10.31795	3164.713	173.7768	3620.899	9.635729	15.39388	3016.4	169	2292.06
8.822215	10.71704	3016.4	169	2565.702	9.330599	15.69901	2908.4	165	2323.9
8.761487	10.77777	2993.834	168.1721	2527.048	9.252076	15.77753	2882.124	163.0078	2368.474
8.531569	11.00769	2908.4	165	2487.671	8.792257	16.23735	2728.256	150.8148	2495.026
8.336851	11.20241	2836.026	159.4527	2441.764	8.762803	16.26681	2718.4	150	2542.718
8.020387	11.51887	2718.4	150	2419.863	8.707998	16.32161	2699.4	148	2224.5
7.969203	11.57006	2699.4	148	2224.5	8.69154	16.33807	2699.4	148	20314
7.952745	11.58651	2699.4	148	20314	8.518238	16.51137	2636.4	148	20266
7.867255	11.67201	2667.628	148	20289.81	8.367621	16.66199	2585.611	147.8059	20228.68
7.783229	11.75603	2636.4	148	20266	7.898025	17.13158	2427.262	147.1992	20111.9
7.524264	12.015	2540.153	147.632	20195.23	7.744224	17.28539	2375.4	147	20073.5
7.161549	12.37771	2405.347	147.1151	20095.68	7.555034	17.47458	2311.591	147	20027.04
7.080971	12.45829	2375.4	147	20073.5	7.192319	17.83729	2189.257	147	19937.66
6.924334	12.61493	2317.189	147	20031.12	6.973337	18.05627	2115.4	147	19883.5
6.581064	12.9582	2189.62	147	19937.92	6.955105	18.07451	2109.273	146.9763	19879.07
6.381347	13.15791	2115.4	147	19883.5	6.628142	18.40147	1999.4	146.5512	19799.41
6.158815	13.38044	2032.695	146.6802	19823.59	6.611834	18.41778	1993.92	146.53	19795.44
6.069229	13.47003	1999.4	146.5511	19799.38	6.205577	18.82403	1857.4	146	19696
5.823426	13.71583	1908.046	146.1968	19732.95	6.189585	18.84002	1852.004	146	19692.17
5.687153	13.85211	1857.4	146	19696	5.854197	19.17541	1738.839	146	19611.66
5.425271	14.11399	1760.07	146	19626.79	5.456041	19.57357	1604.494	146	19515.65

TABLE C-15 (2 OF 2) 777300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
4.99296	14.5463	1599.4	146	19512	5.440943	19.58867	1599.4	146	19512
4.939924	14.59934	1579.691	145.9236	19498.1	4.970694	20.05892	1440.765	145.3836	19399.86
4.301399	15.23786	1342.4	145	19330	4.679108	20.3505	1342.4	145	19330
4.216989	15.32227	1311.029	145	19308.07	4.247759	20.78185	1197.425	145	19228.44
3.61527	15.92399	1087.4	145	19151	3.920399	21.10921	1087.4	145	19151
2.929141	16.61012	832.4	144	18974.5	3.164653	21.86496	832.4	144	18974.5
2.245645	17.29361	578.4	143	18800	2.41187	22.61774	578.4	143	18800
1.564783	17.97448	325.4	143	18629	1.662049	23.36756	325.4	143	18629
0.910934	18.62833	82.4	142.0358	18466.06	0.941705	24.08791	82.4	142.0358	18466.06
0.886718	18.65254	73.4	142	18460	0.915025	24.11458	73.4	142	18460
0.867956	18.6713	66.4	142	18460	0.894618	24.13499	66.4	142	18460
0.733495	18.80577	16.4	141	18455	0.733495	24.29611	16.4	141	18455
0.660142	18.87912	16.4	134	7700	0.660142	24.36947	16.4	134	7700
0.491976	19.04728	16.4	116.6667	7700	0.491976	24.53763	16.4	116.6667	7700
0.347067	19.19219	16.4	99.33333	7700	0.347067	24.68254	16.4	99.33333	7700
0.225414	19.31385	16.4	82	7700	0.225414	24.8042	16.4	82	7700
0.127019	19.41224	16.4	64.66667	7700	0.127019	24.90259	16.4	64.66667	7700
0.051881	19.48738	16.4	47.33333	7700	0.051881	24.97773	16.4	47.33333	7700
0	19.53926	16.4	0	0	0	25.02961	16.4	0	0
0	19.53926	16.4	30	7700	0	25.02961	16.4	30	7700

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-43 7773ER ALTITUDE VERSUS CUMULATIVE DISTANCE

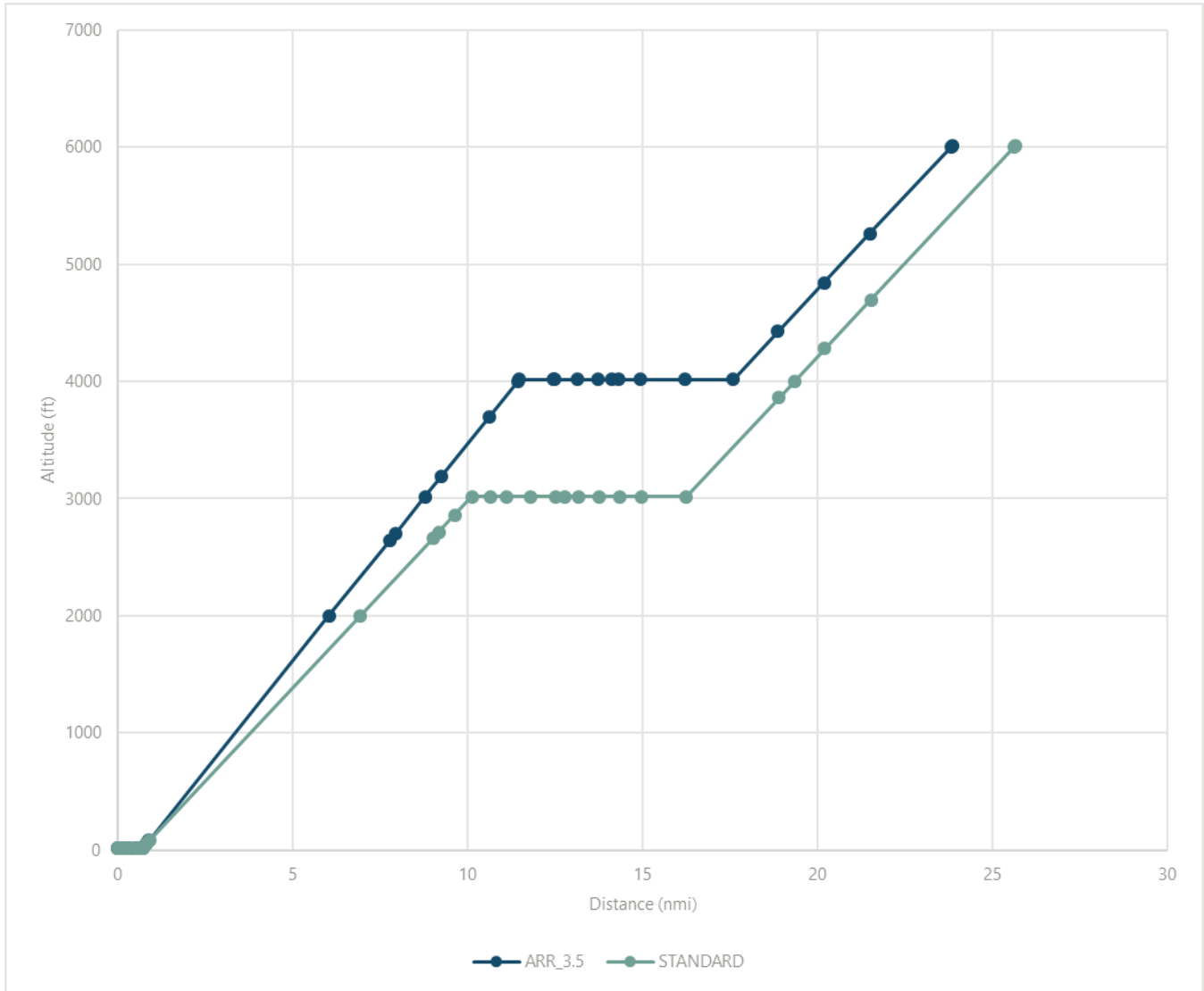
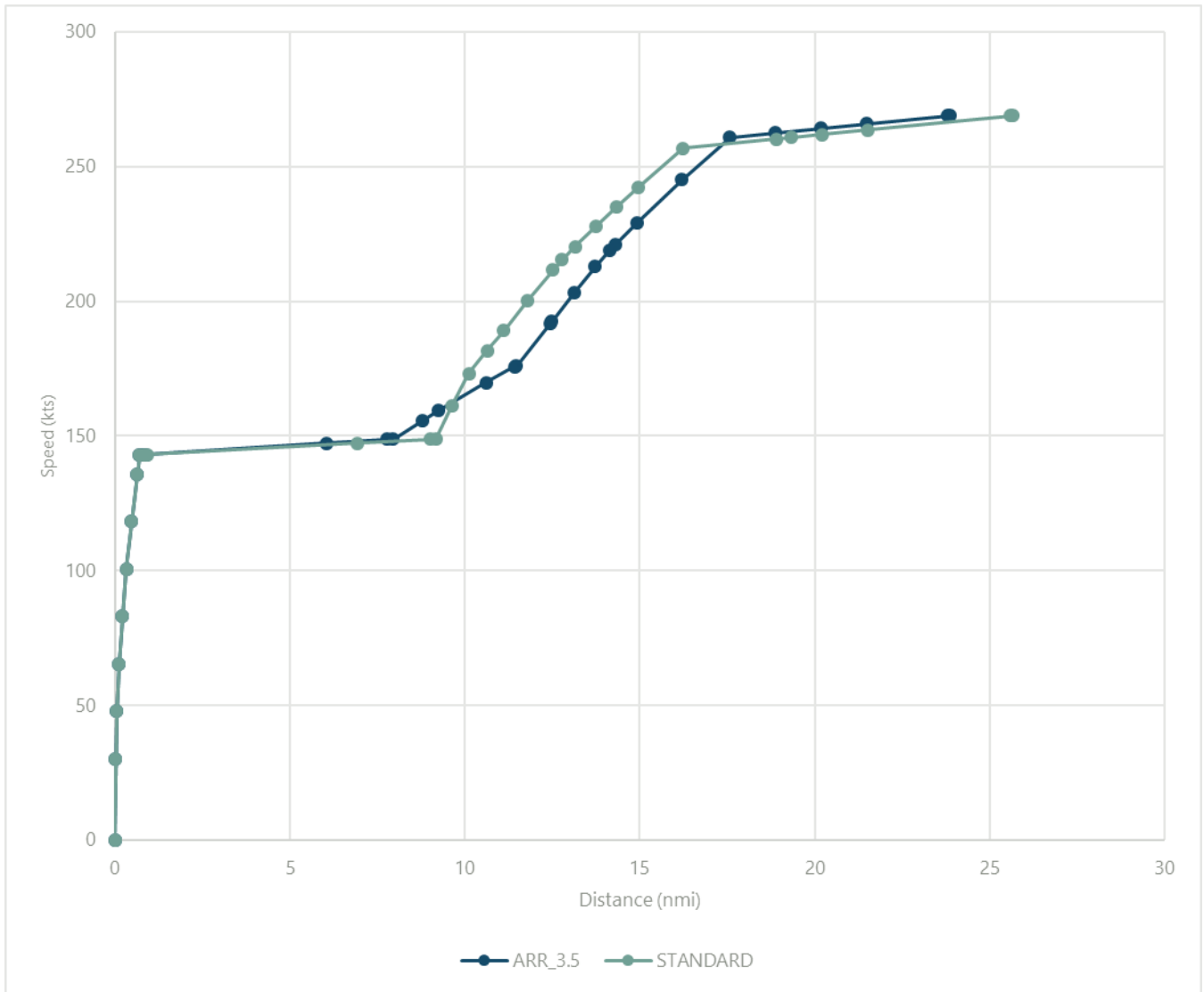


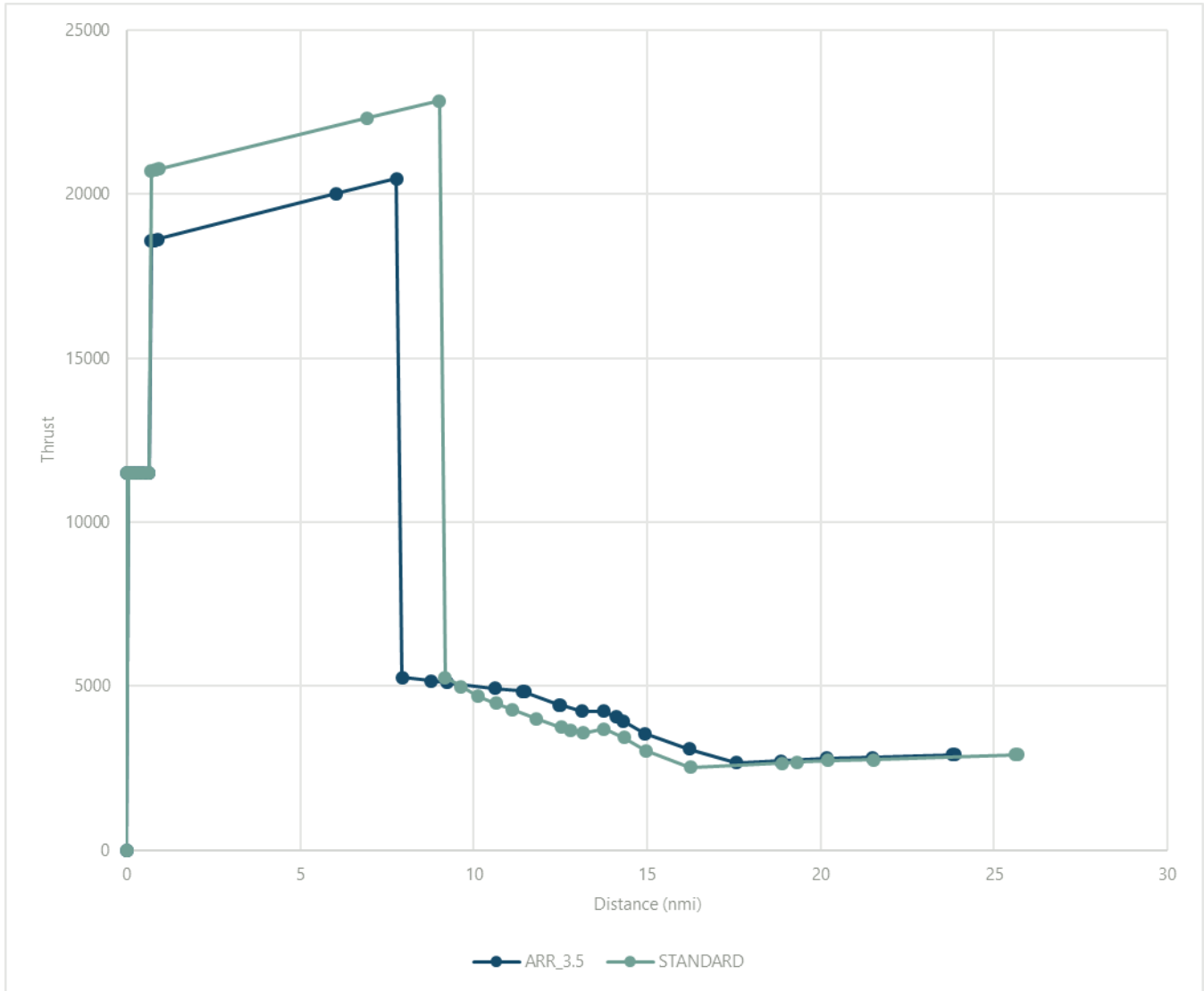
EXHIBIT C-44 7773ER SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-45 7773ER THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

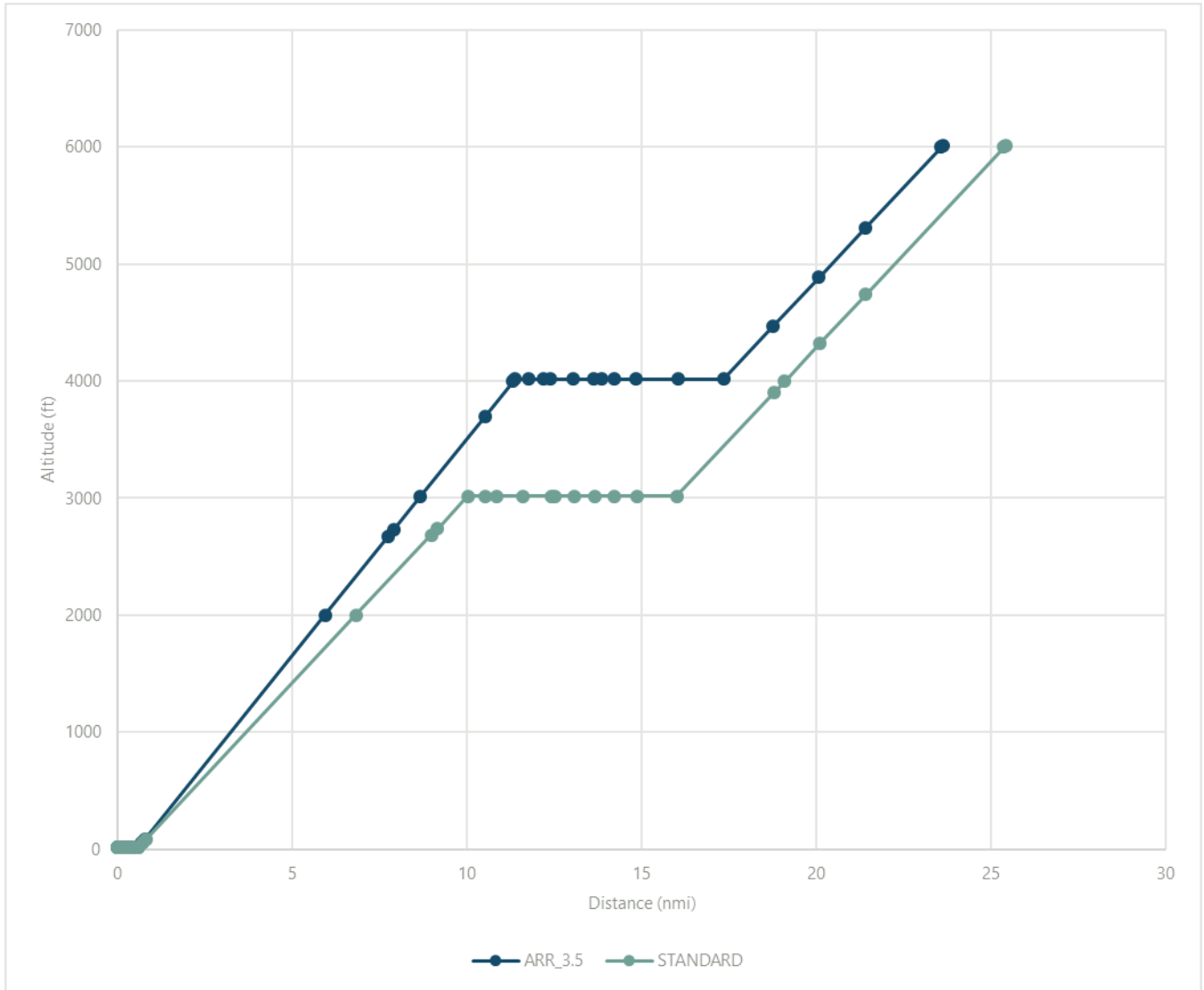
TABLE C-16 7773ER PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
23.85819	0	6016.4	268.8837	2919.52	25.6597	0	6016.4	268.8837	2919.52
23.80481	0.053386	5999.4	268.8153	2917.34	25.60632	0.053386	5999.4	268.8162	2917.365
21.49105	2.367147	5262.616	265.8495	2822.879	21.52072	4.138989	4698.398	263.6541	2752.488
20.17681	3.681387	4844.115	264.1499	2807.679	20.20648	5.453228	4279.897	261.9718	2740.28
18.86694	4.991256	4427.006	262.445	2716.176	19.32562	6.334088	3999.4	260.8369	2678.008
17.57749	6.280702	4016.4	260.7557	2658.377	18.89661	6.763098	3862.788	260.2842	2647.68
16.20992	7.648276	4016.4	245.0072	3085.533	16.23865	9.421054	3016.4	256.8257	2527.32
14.92751	8.930682	4016.4	229.2586	3556.41	14.95718	10.70252	3016.4	242.32	3039.253
14.30224	9.555958	4016.4	221.1736	3946.345	14.3319	11.3278	3016.4	234.9173	3436.641
14.12314	9.735052	4016.4	218.8028	4060.654	13.75972	11.89999	3016.4	227.9324	3685.699
13.73005	10.12815	4016.4	212.8018	4227.475	13.15822	12.50149	3016.4	220.3512	3572.999
13.12855	10.72965	4016.4	203.2766	4242.027	12.78069	12.87901	3016.4	215.4567	3644.896
12.48591	11.37229	4016.4	192.58	4417.476	12.51557	13.14413	3016.4	211.4877	3745.101
12.44942	11.40878	4016.4	191.9548	4428.861	11.79155	13.86815	3016.4	200.2484	4012.302
11.46621	12.39198	4016.4	175.9738	4833.852	11.10706	14.55265	3016.4	189.0091	4290.804
11.42047	12.43773	3999.4	175.6434	4839.268	10.63864	15.02106	3016.4	181.6788	4483.541
10.60897	13.24922	3697.824	169.7815	4935.344	10.1239	15.5358	3016.4	173.2664	4692.895
9.230152	14.62804	3185.411	159.3173	5101.36	9.631029	16.02868	2859.451	161.0597	4980.937
8.775371	15.08282	3016.4	155.6314	5159.837	9.174145	16.48556	2713.963	148.853	5268.979
7.939013	15.91918	2705.583	148.853	5267.377	9.009566	16.65014	2661.555	148.7401	22847.46
7.774434	16.08376	2644.421	148.7208	20478.14	6.930167	18.72954	1999.4	147.2859	22312.24
6.038786	17.81941	1999.4	147.2998	20009.2	0.910114	24.74959	82.4	143.076	20762.73
0.880446	22.97775	82.4	143.0765	18615.51	0.815626	24.84408	52.31176	143.0086	20737.16
0.799483	23.05871	52.31176	143.0089	18592.51	0.70285	24.95685	16.4	142.9281	20706.62
0.70285	23.15534	16.4	142.9281	18565.05	0.632559	25.02715	16.4	135.7762	11500
0.632559	23.22564	16.4	135.7762	11500	0.471176	25.18853	16.4	118.1663	11500
0.471176	23.38702	16.4	118.1663	11500	0.332175	25.32753	16.4	100.5563	11500
0.332175	23.52602	16.4	100.5563	11500	0.215558	25.44415	16.4	82.9463	11500
0.215558	23.64264	16.4	82.9463	11500	0.121322	25.53838	16.4	65.33633	11500
0.121322	23.73687	16.4	65.33633	11500	0.04947	25.61023	16.4	47.72636	11500
0.04947	23.80872	16.4	47.72636	11500	0	25.6597	16.4	0	0
0	23.85819	16.4	0	0	0	25.6597	16.4	30.11638	11500
0	23.85819	16.4	30.11638	11500					

NOTES:

- AFE – Airport Field Elevation
- Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
- Distance – cumulative distance starting at the approach end of Runway 27
- FT. – feet
- KTS - knots
- LBS – pounds
- NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

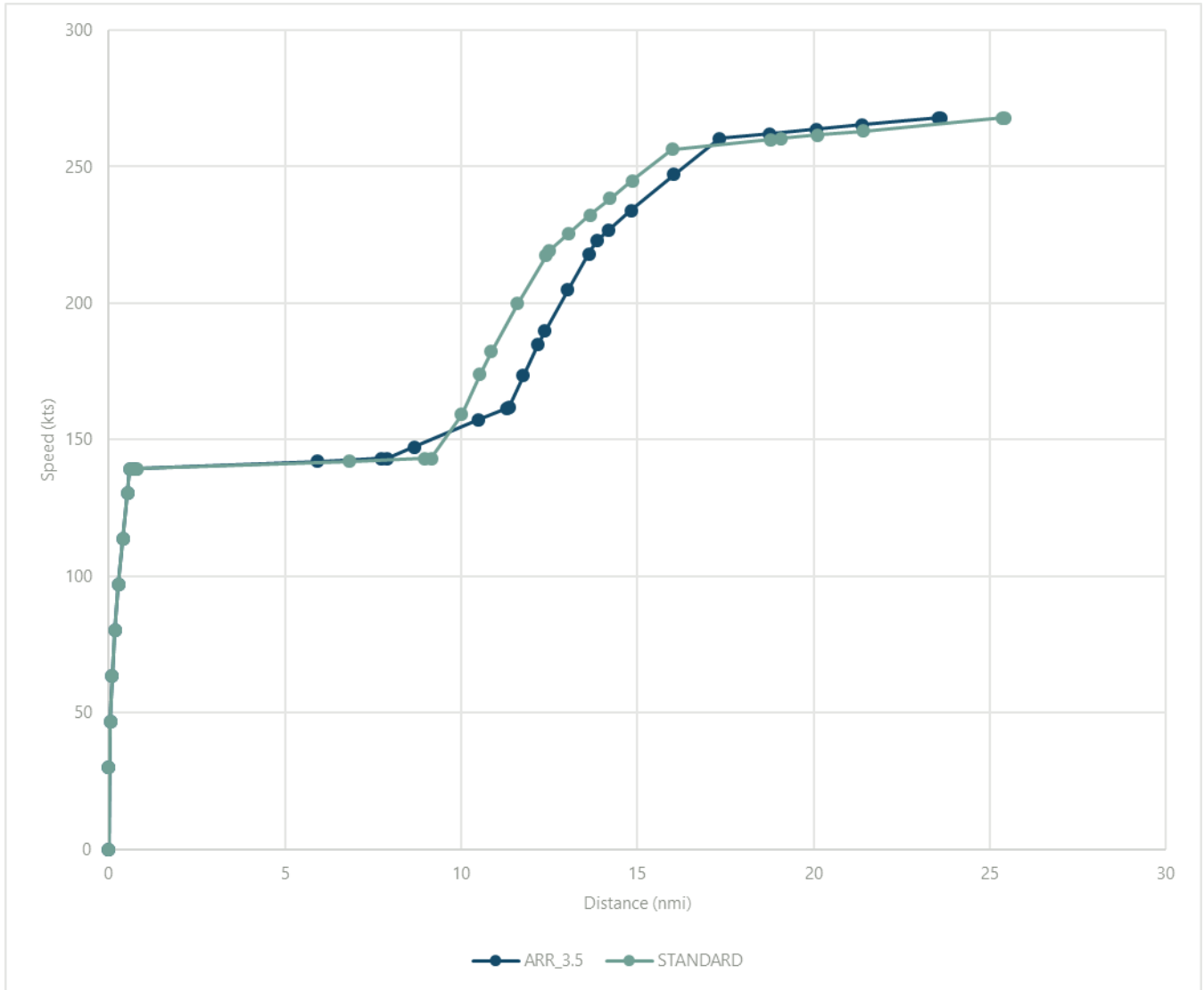
EXHIBIT C-46 7878R ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

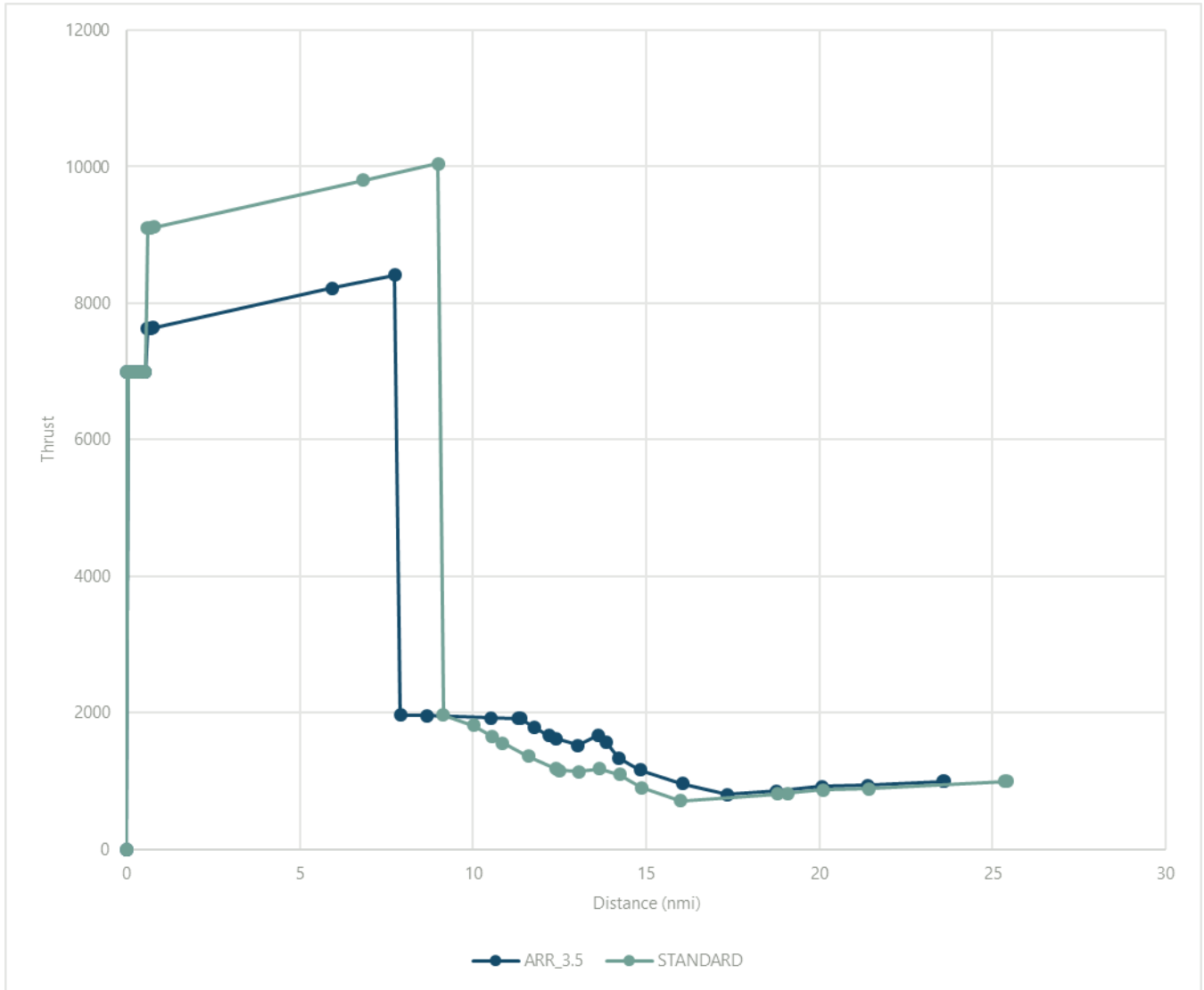
EXHIBIT C-47 7878R SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-48 7878R THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-17 7878R PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
23.61329	0	6016.4	267.8953	997.6418	25.41523	0	6016.4	267.8953	997.6418
23.55991	0.053386	5999.4	267.8315	996.0752	25.36184	0.053386	5999.4	267.831	996.1367
21.38512	2.228169	5306.871	265.2343	932.2558	21.41479	4.000438	4742.518	263.0759	884.8594
20.07089	3.542409	4888.371	263.6522	922.1	20.10055	5.314677	4324.017	261.4732	865.2405
18.76102	4.852278	4471.261	262.0658	852.7325	19.08114	6.334088	3999.4	260.2224	819.4611
17.33259	6.280702	4016.4	260.3248	801.3968	18.79068	6.624547	3906.908	259.866	806.4173
16.04345	7.56984	4016.4	247.0851	962.7563	15.99418	9.421054	3016.4	256.4011	706.3961
14.82159	8.791704	4016.4	233.8454	1157.983	14.85126	10.56397	3016.4	244.8745	903.1437
14.19631	9.41698	4016.4	226.7713	1336.255	14.22598	11.18925	3016.4	238.3327	1091.254
13.84899	9.764303	4016.4	222.7448	1560.254	13.65379	11.76144	3016.4	232.1849	1182.099
13.62412	9.989169	4016.4	218.0157	1673.593	13.05229	12.36294	3016.4	225.5415	1138.714
13.02263	10.59067	4016.4	204.8299	1520.304	12.50655	12.90868	3016.4	219.3399	1156.647
12.37998	11.23331	4016.4	189.7321	1620.736	12.40965	13.00558	3016.4	217.3446	1178.597
12.18987	11.42343	4016.4	185.0297	1659.932	11.59422	13.82101	3016.4	199.7659	1366.341
11.76112	11.85217	4016.4	173.3636	1788.268	10.84751	14.56772	3016.4	182.1872	1558.954
11.36029	12.25301	4016.4	161.6975	1917.428	10.53272	14.88251	3016.4	173.8233	1659.355
11.31454	12.29875	3999.4	161.4633	1917.931	10.01798	15.39725	3016.4	159.203	1817.902
10.50305	13.11024	3697.824	157.3085	1926.867	9.147345	16.26788	2739.158	143.1621	1968.209
8.669448	14.94385	3016.4	147.3413	1955.272	8.982766	16.43246	2686.751	143.0896	10041.38
7.900618	15.71268	2730.679	143.1621	1967.182	6.824244	18.59099	1999.4	142.1258	9797.891
7.736039	15.87725	2669.516	143.0772	8415.345	0.804191	24.61104	82.4	139.4377	9118.8
5.932863	17.68043	1999.4	142.1346	8215.887	0.709703	24.70553	52.31176	139.395	9107.589
0.774523	22.83877	82.4	139.438	7645.297	0.596927	24.8183	16.4	139.3439	9094.204
0.69356	22.91973	52.31176	139.3951	7635.88	0.537235	24.878	16.4	130.2549	7000
0.596927	23.01637	16.4	139.3439	7624.635	0.401104	25.01413	16.4	113.5651	7000
0.537235	23.07606	16.4	130.2549	7000	0.28361	25.13162	16.4	96.87539	7000
0.401104	23.21219	16.4	113.5651	7000	0.184753	25.23048	16.4	80.18564	7000
0.28361	23.32968	16.4	96.87539	7000	0.104532	25.3107	16.4	63.49589	7000
0.184753	23.42854	16.4	80.18564	7000	0.042948	25.37228	16.4	46.80613	7000
0.104532	23.50876	16.4	63.49589	7000	0	25.41523	16.4	0	0
0.042948	23.57035	16.4	46.80613	7000	0	25.41523	16.4	30.11638	7000
0	23.61329	16.4	0	0					
0	23.61329	16.4	30.11638	7000					

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

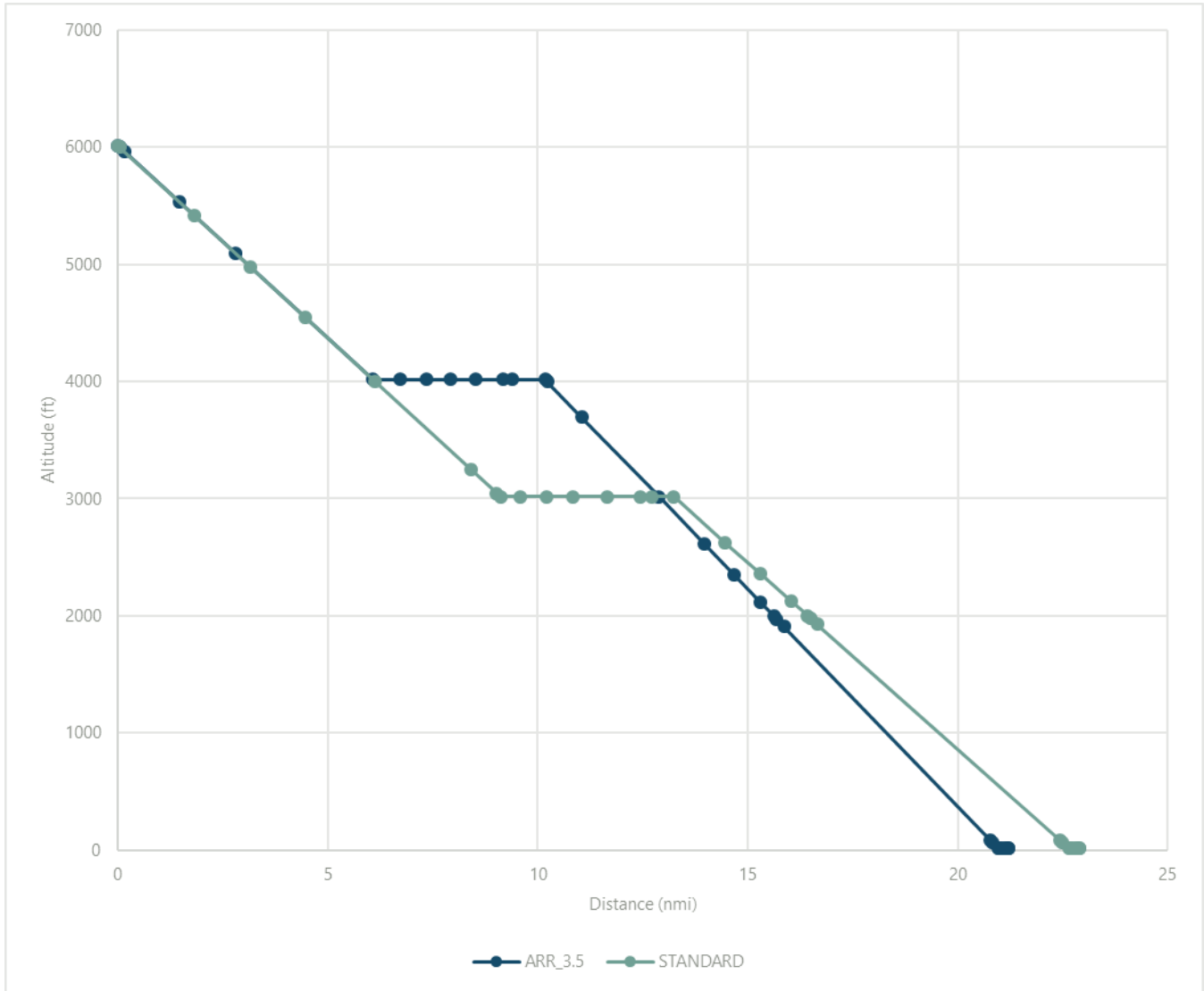
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

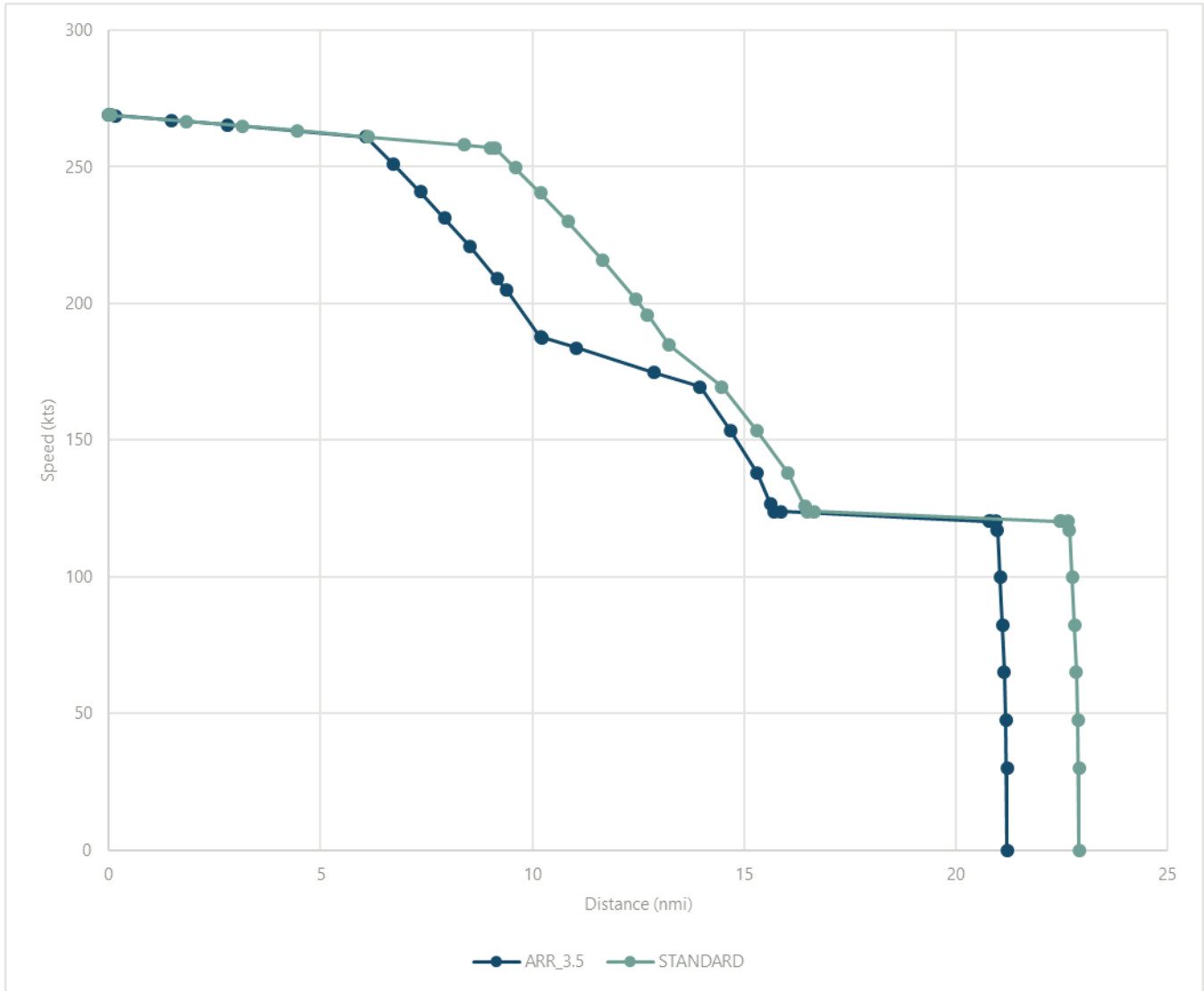
EXHIBIT C-49 A319-131 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

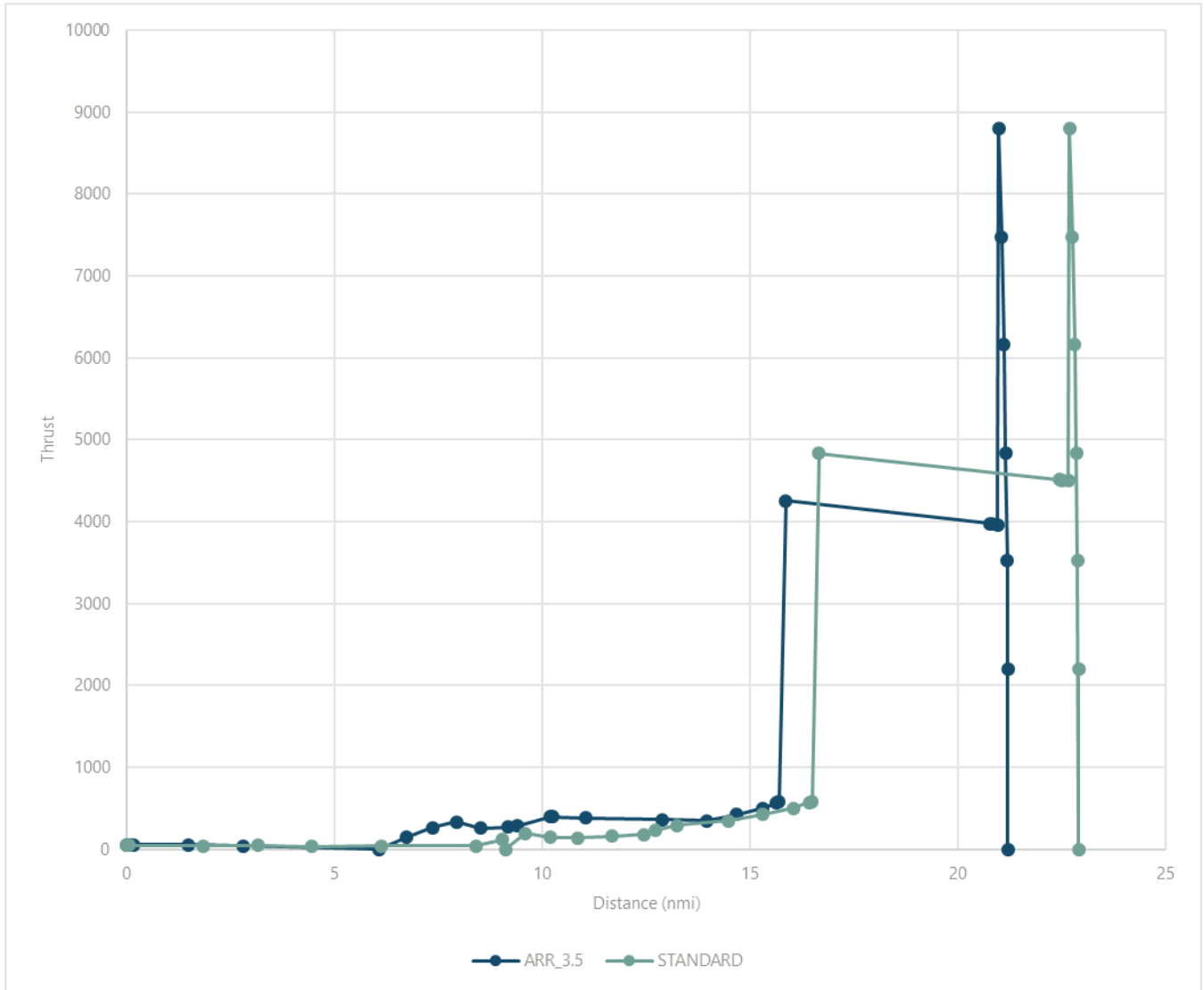
EXHIBIT C-50 A319-131 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-51 A319-131 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-18 A319-131 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
21.20414	0	6016.4	268.9935	48.84264	22.90329	0	6016.4	268.9935	48.84264
21.15248	0.051661	5999.4	268.9254	49.84001	22.85163	0.051661	5999.4	268.9264	48.69655
21.03883	0.16531	5962.001	268.7756	52.03416	21.0685	1.834785	5412.626	266.6097	43.65413
19.72459	1.479549	5529.524	267.0369	55.27768	19.75426	3.149024	4980.149	264.8889	47.5918
18.41473	2.789419	5098.484	265.2926	37.46278	18.44439	4.458894	4549.109	263.1627	36.52112
15.12642	6.077722	4016.4	260.8623	1	16.7739	6.129383	3999.4	260.9318	39.52702
14.4753	6.728845	4016.4	250.8455	143.2236	14.50497	8.398319	3252.76	257.9016	43.60978
13.85002	7.354121	4016.4	240.8344	266.4315	13.87969	9.023596	3047	257.0566	119.6667
13.27783	7.926309	4016.4	231.2939	335.9897	13.7867	9.116583	3016.4	256.9307	1
12.67634	8.527808	4016.4	220.8208	259.285	13.3075	9.595784	3016.4	249.7076	191.765
12.03369	9.170452	4016.4	209.0523	273.2693	12.706	10.19728	3016.4	240.334	142.4046
11.81254	9.391606	4016.4	204.8461	281.5283	12.06336	10.83993	3016.4	229.8972	137.2001
11.014	10.19015	4016.4	187.6932	396.098	11.24076	11.66253	3016.4	215.8027	156.9366
10.96825	10.23589	3999.4	187.48	395.4425	10.47019	12.4331	3016.4	201.7081	179.5588
10.15676	11.04738	3697.824	183.6978	383.8144	10.18643	12.71686	3016.4	195.8705	226.1393
8.323158	12.88099	3016.4	174.7092	361.6434	9.671691	13.2316	3016.4	184.811	294.1841
7.242046	13.9621	2614.625	169.4094	348.5712	8.436935	14.46635	2623.21	169.4094	349.7024
6.53466	14.66948	2351.739	153.5916	425.0096	7.611379	15.29191	2360.323	153.5916	426.1611
5.896558	15.30759	2114.6	137.7738	501.4479	6.86668	16.03661	2123.184	137.7738	502.6199
5.586573	15.61757	1999.4	126.711	562.962	6.477954	16.42533	1999.4	125.8866	568.7242
5.508654	15.69549	1970.443	123.9302	578.4244	6.413976	16.48931	1979.027	123.9302	579.6038
5.344075	15.86007	1909.28	123.8154	4255.776	6.249397	16.65389	1926.62	123.8323	4830.94
0.428233	20.77591	82.4	120.3393	3973.446	0.4579	22.44539	82.4	120.3391	4509.036
0.385179	20.81896	66.4	120.3084	3970.885	0.407655	22.49563	66.4	120.3084	4506.142
0.250637	20.95351	16.4	120.2561	3963.74	0.250637	22.65265	16.4	120.2561	4498.027
0.225572	20.97857	16.4	117.2045	8800	0.225572	22.67771	16.4	117.2045	8800
0.159122	21.04502	16.4	99.78684	7480	0.159122	22.74416	16.4	99.78684	7480
0.10334	21.1008	16.4	82.36923	6160	0.10334	22.79995	16.4	82.36923	6160
0.058226	21.14592	16.4	64.95161	4840	0.058226	22.84506	16.4	64.95161	4840
0.023779	21.18037	16.4	47.534	3520	0.023779	22.87951	16.4	47.534	3520
0	21.20414	16.4	0	0	0	22.90329	16.4	0	0
0	21.20414	16.4	30.11638	2200	0	22.90329	16.4	30.11638	2200

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

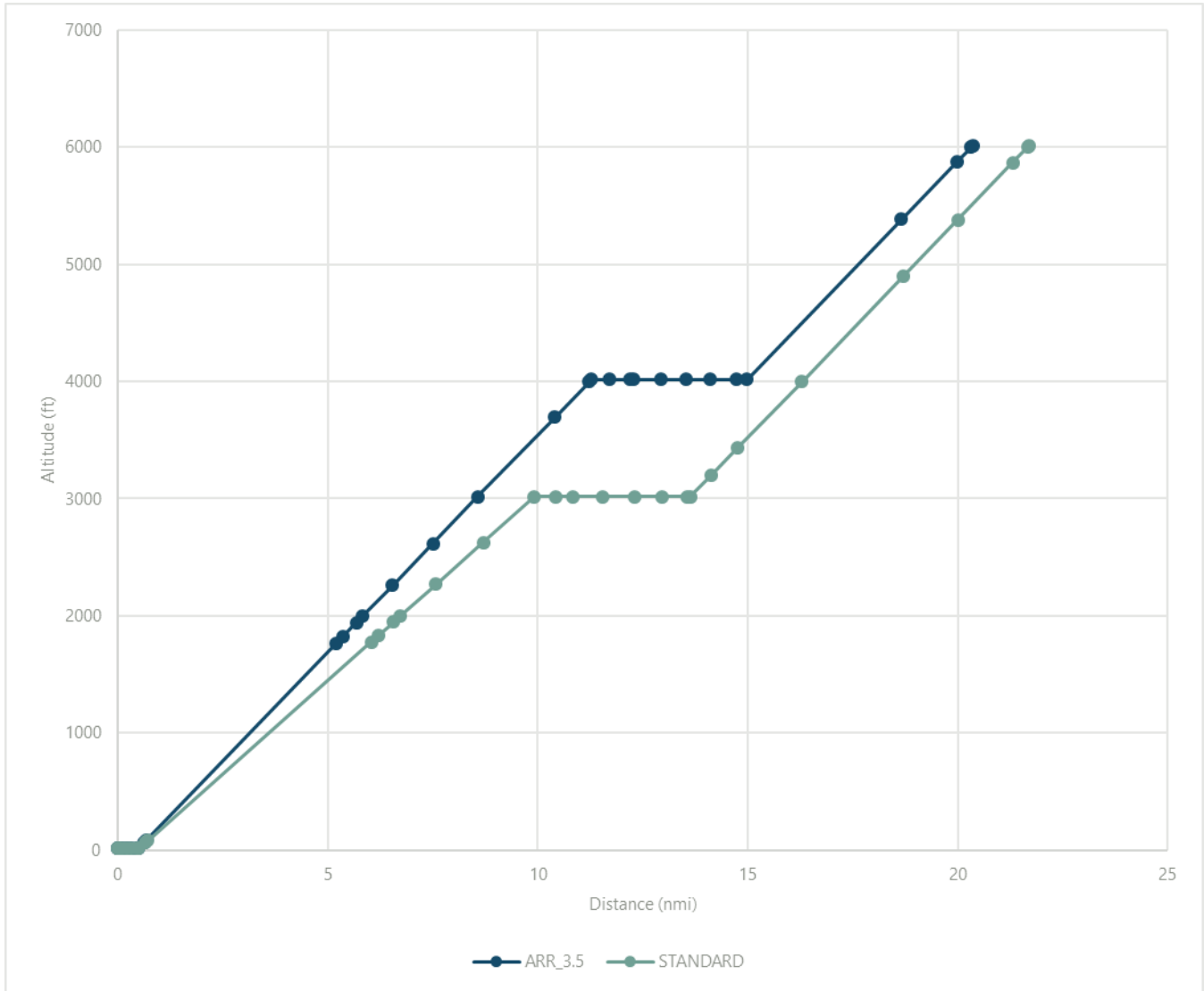
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

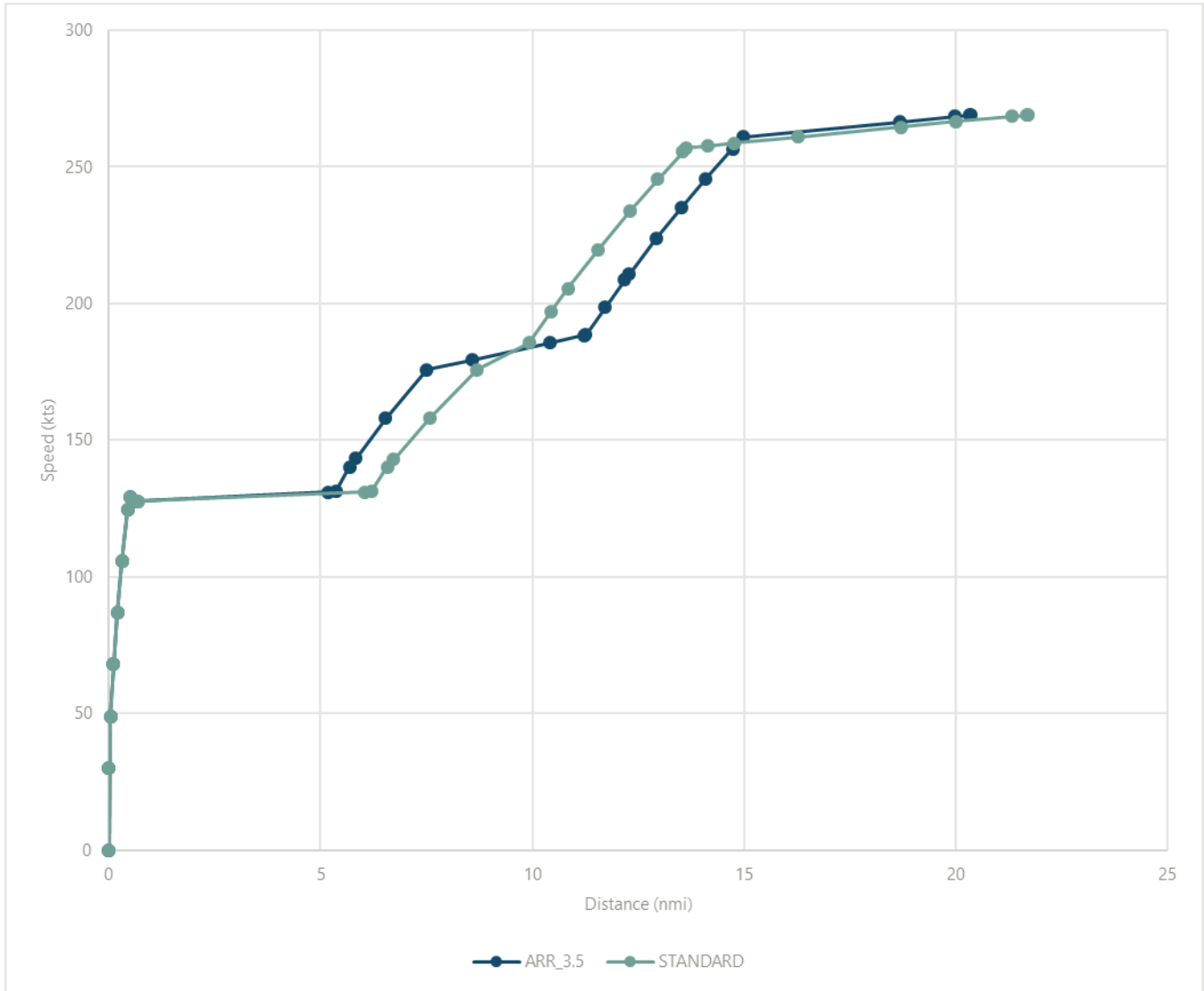
EXHIBIT C-52 A320-211 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

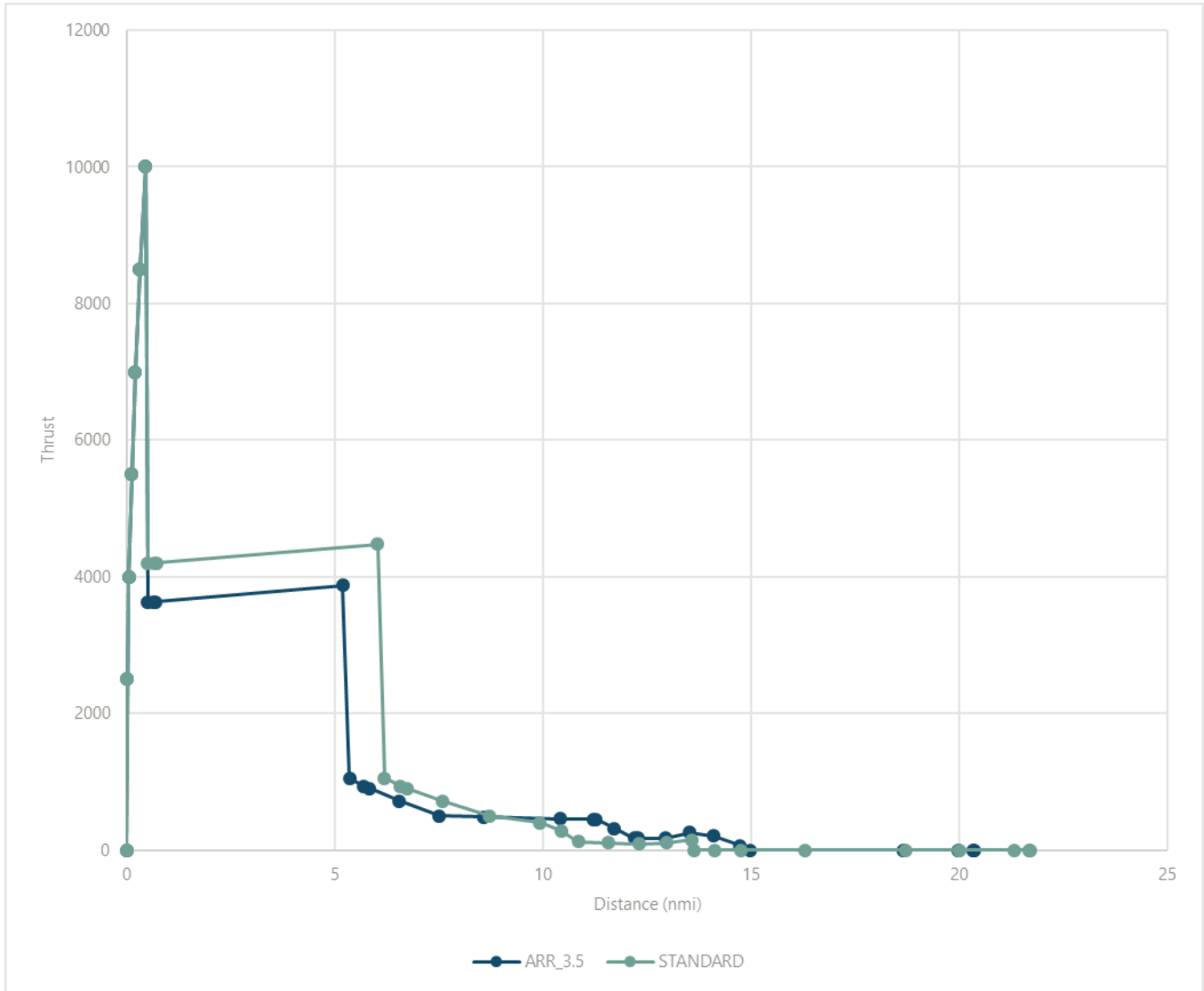
EXHIBIT C-53 A320-211 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-54 A320-211 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-19 A320-211 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
20.35906	0	6016.4	268.9935	1	21.70992	0	6016.4	268.9935	1
20.31332	0.045744	5999.4	268.9254	1	21.66417	0.045744	5999.4	268.9266	1
19.97347	0.38559	5873.103	268.4191	1	21.31738	0.392539	5870.52	268.4195	1
18.6636	1.69546	5386.314	266.4586	1	20.00314	1.706778	5382.108	266.4886	1
14.97738	5.38168	4016.4	260.8623	1	18.69327	3.016648	4895.32	264.5501	1
14.72418	5.634885	4016.4	256.5712	68.63683	16.28249	5.427425	3999.4	260.9288	1
14.0989	6.260162	4016.4	245.6536	209.1926	14.75384	6.956073	3431.307	258.6326	1
13.52671	6.83235	4016.4	235.2193	259.7226	14.12857	7.581349	3198.934	257.6808	1
12.92521	7.433848	4016.4	223.7264	175.7301	13.6374	8.07252	3016.4	256.9307	1
12.28257	8.076493	4016.4	210.756	174.0567	13.55638	8.153538	3016.4	255.586	145.5856
12.18334	8.175719	4016.4	208.6816	176.6299	12.95488	8.755036	3016.4	245.3718	108.7427
11.71144	8.647618	4016.4	198.6135	314.36	12.31224	9.397681	3016.4	233.9667	93.10969
11.26287	9.096187	4016.4	188.5455	452.766	11.55277	10.15714	3016.4	219.7265	107.6834
11.21713	9.141932	3999.4	188.3933	453.2673	10.84098	10.86893	3016.4	205.4864	123.8404
10.40564	9.953424	3697.824	185.6923	462.1605	10.4353	11.27461	3016.4	196.9899	280.857
8.572034	11.78703	3016.4	179.372	486.9318	9.920567	11.78935	3016.4	185.6506	400.1972
7.501137	12.85792	2618.422	175.6807	501.3993	8.698391	13.01153	2627.216	175.6807	502.2793
6.53831	13.82075	2260.605	157.8872	719.7053	7.574722	14.13519	2269.399	157.8872	720.5935
5.835449	14.52361	1999.4	143.3467	898.1005	6.72683	14.98309	1999.4	142.8571	905.0017
5.678204	14.68086	1940.963	140.0937	938.0114	6.570932	15.13898	1949.757	140.0937	938.9078
5.355403	15.00366	1821	131.1739	1053.141	6.194208	15.51571	1829.794	131.1739	1054.035
5.190825	15.16824	1759.837	131.0523	3870.26	6.029629	15.68029	1777.386	131.0702	4473.704
0.677109	19.68195	82.4	127.6747	3633.319	0.706776	21.00314	82.4	127.6745	4198.468
0.634055	19.72501	66.4	127.6421	3630.984	0.656531	21.05339	66.4	127.6421	4195.784
0.499513	19.85955	16.4	129.056	3625.274	0.499513	21.2104	16.4	129.056	4188.934
0.449564	19.9095	16.4	124.5328	10000	0.449564	21.26035	16.4	124.5328	10000
0.315736	20.04332	16.4	105.6495	8500	0.315736	21.39418	16.4	105.6495	8500
0.203866	20.1552	16.4	86.76622	7000	0.203866	21.50605	16.4	86.76622	7000
0.113953	20.24511	16.4	67.88294	5500	0.113953	21.59596	16.4	67.88294	5500
0.045998	20.31306	16.4	48.99966	4000	0.045998	21.66392	16.4	48.99966	4000
0	20.35906	16.4	0	0	0	21.70992	16.4	0	0
0	20.35906	16.4	30.11638	2500	0	21.70992	16.4	30.11638	2500

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

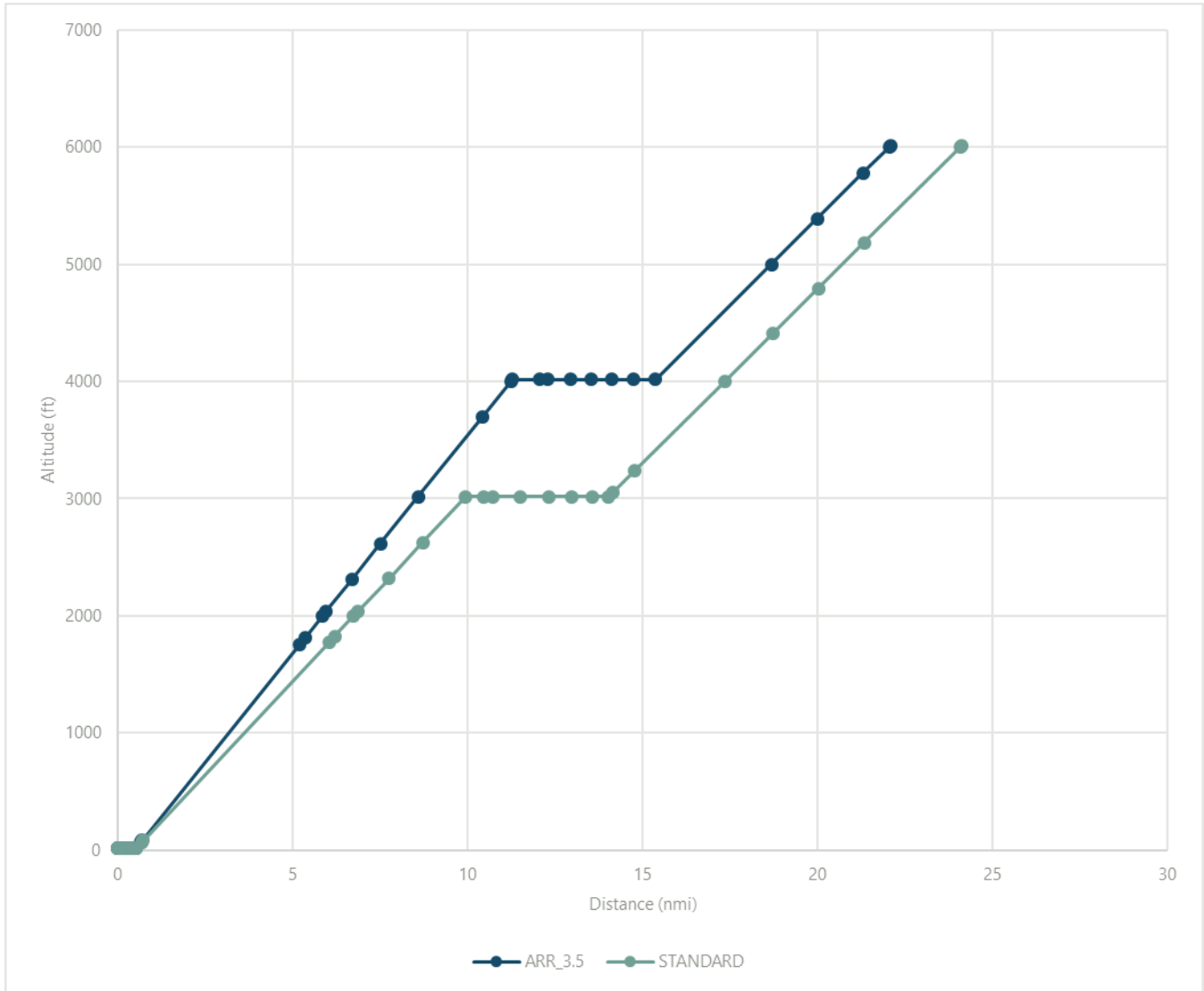
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

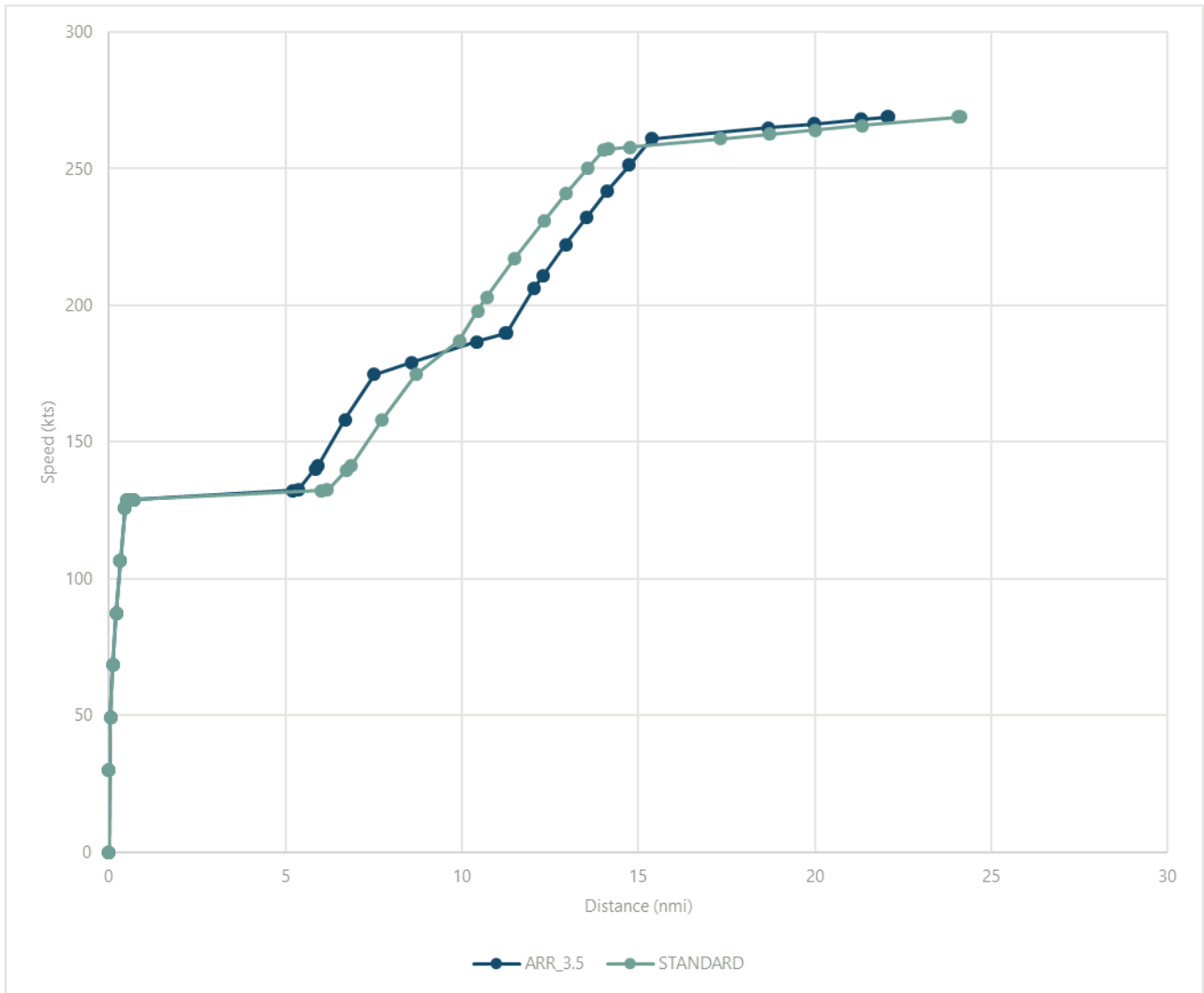
EXHIBIT C-55 A320-232 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

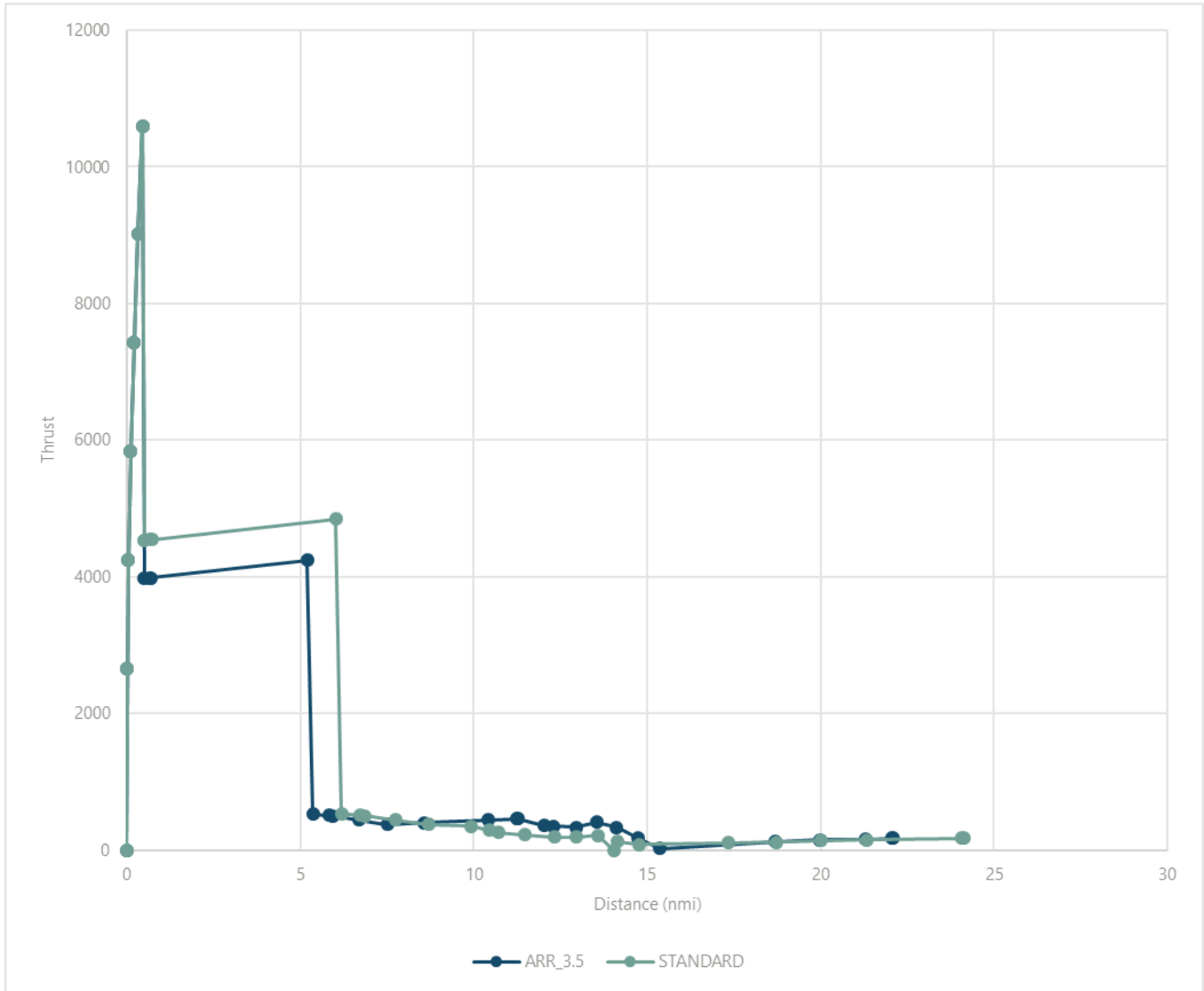
EXHIBIT C-56 A320-232 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-57 A320-232 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-20 A320-232 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
22.09781	0	6016.4	268.9935	171.5302	24.12322	0	6016.4	268.9935	171.5302
22.04061	0.057206	5999.4	268.9253	170.7897	24.06601	0.057206	5999.4	268.9263	171.0049
21.3001	0.797709	5779.344	268.0426	161.2045	21.32977	2.793449	5186.266	265.7104	145.8811
19.98586	2.111948	5388.789	266.4686	152.7578	20.01553	4.107689	4795.711	264.1517	139.3621
18.67599	3.421818	4999.533	264.8905	122.4048	18.70566	5.417558	4406.455	262.589	118.6936
15.36769	6.730118	4016.4	260.8623	23.12657	17.3359	6.787324	3999.4	260.9349	105.0838
14.73657	7.361243	4016.4	251.3887	176.1884	14.76624	9.356984	3235.77	257.8319	79.55215
14.11129	7.98652	4016.4	241.6369	333.7654	14.14096	9.98226	3049.956	257.0688	120.4035
13.5391	8.558708	4016.4	232.3547	405.9092	14.02804	10.09518	3016.4	256.9307	1
12.93761	9.160207	4016.4	222.1793	335.622	13.56877	10.55445	3016.4	250.175	216.7359
12.29496	9.802851	4016.4	210.7658	348.5096	12.96727	11.15595	3016.4	241.0411	187.4274
12.04333	10.05448	4016.4	206.1246	360.3093	12.32463	11.79859	3016.4	230.8833	192.4063
11.27527	10.82255	4016.4	189.9305	458.1021	11.48669	12.63653	3016.4	216.9254	221.4856
11.22952	10.86829	3999.4	189.7517	457.0578	10.70098	13.42224	3016.4	202.9675	254.9108
10.41803	11.67978	3697.824	186.5796	438.5319	10.4477	13.67552	3016.4	197.8488	289.8044
8.584426	13.51339	3016.4	179.1107	399.0536	9.93296	14.19026	3016.4	187.015	352.5066
7.511136	14.58668	2617.532	174.7388	375.9452	8.707663	15.41556	2626.222	174.7388	377.1291
6.683158	15.41465	2309.829	158.1355	439.2586	7.74137	16.38185	2318.519	158.1355	440.4764
5.937777	16.16003	2032.823	141.5322	502.5719	6.871471	17.25175	2041.513	141.5322	503.8236
5.847842	16.24997	1999.4	140.1179	506.6405	6.739222	17.384	1999.4	139.7502	508.9554
5.357255	16.74056	1817.083	132.4032	528.8343	6.193972	17.92925	1825.773	132.4032	530.1134
5.192677	16.90514	1755.92	132.2805	4239.056	6.029393	18.09383	1773.365	132.2986	4842.411
0.689501	21.40831	82.4	128.8805	3980.109	0.719169	23.40405	82.4	128.8804	4545.161
0.646448	21.45136	66.4	128.8476	3977.552	0.668924	23.4543	66.4	128.8476	4542.255
0.511906	21.58591	16.4	128.8064	3970.402	0.511906	23.61131	16.4	128.8064	4534.082
0.460722	21.63709	16.4	125.7374	10600	0.460722	23.6625	16.4	125.7374	10600
0.323351	21.77446	16.4	106.6132	9010	0.323351	23.79987	16.4	106.6132	9010
0.208593	21.88922	16.4	87.48901	7420	0.208593	23.91463	16.4	87.48901	7420
0.116449	21.98136	16.4	68.3648	5830	0.116449	24.00677	16.4	68.3648	5830
0.046918	22.05089	16.4	49.24059	4240	0.046918	24.0763	16.4	49.24059	4240
0	22.09781	16.4	0	0	0	24.12322	16.4	0	0
0	22.09781	16.4	30.11638	2650	0	24.12322	16.4	30.11638	2650

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

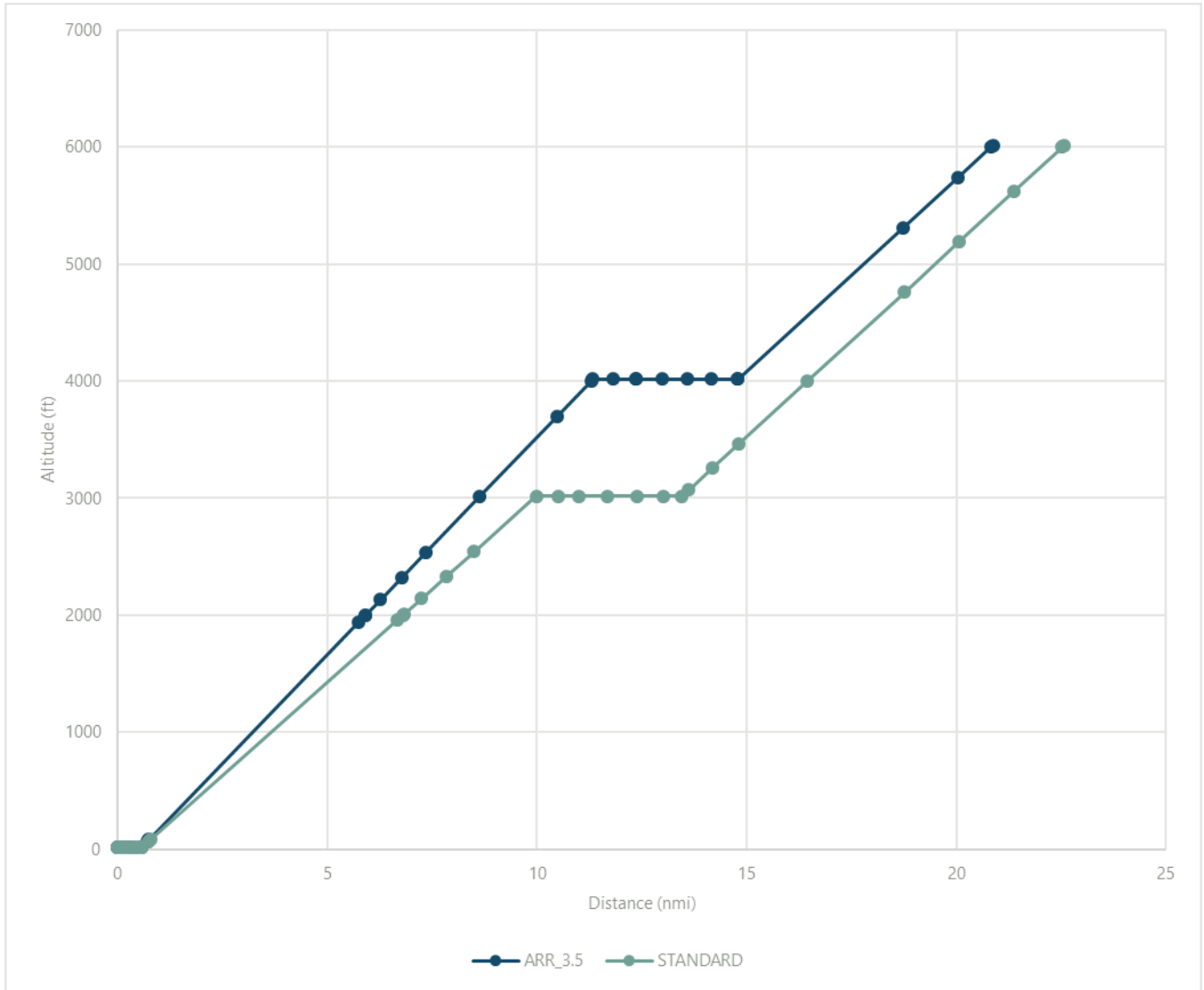
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

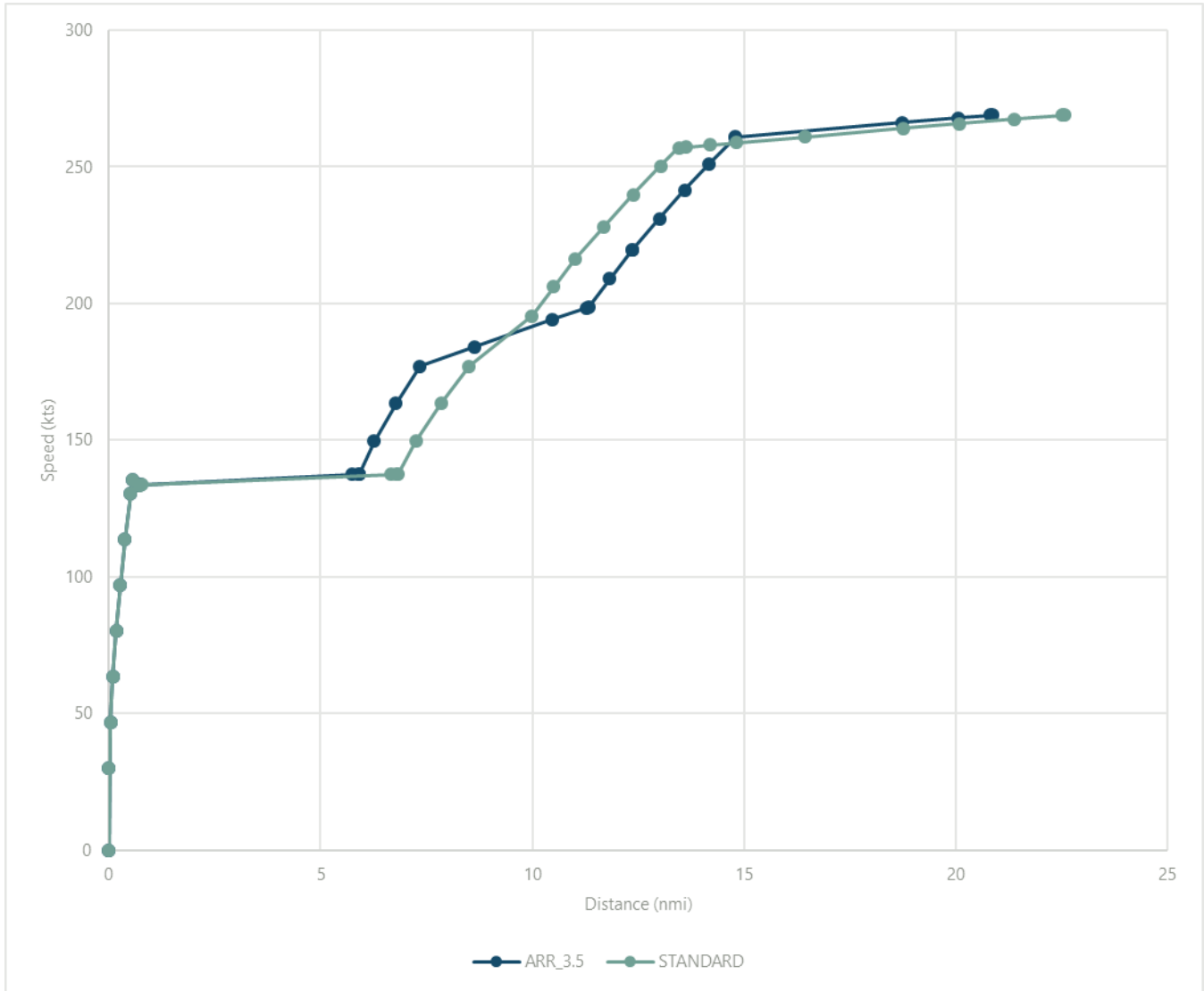
EXHIBIT C-58 A321-232 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

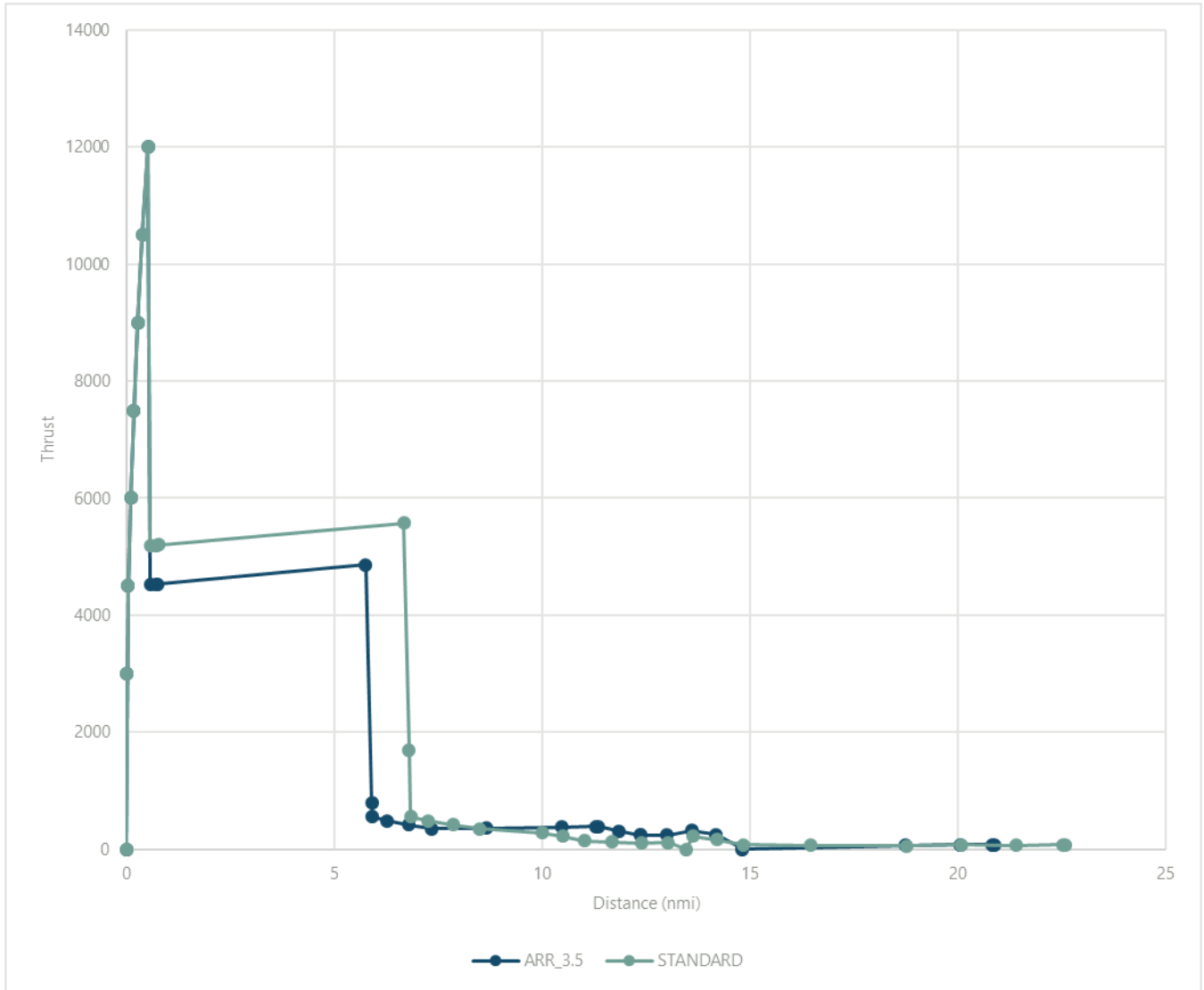
EXHIBIT C-59 A321-232 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-60 A321-232 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

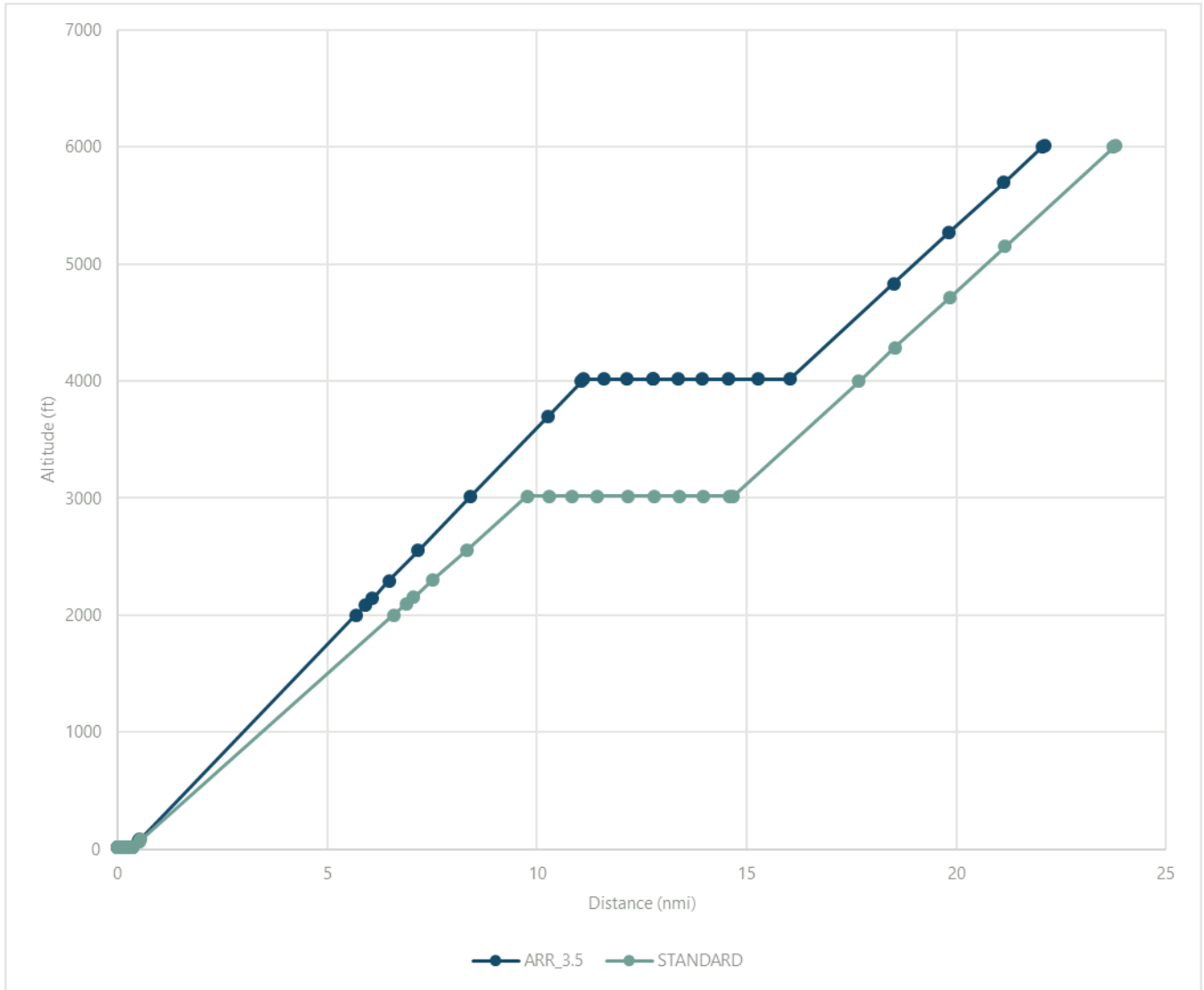
TABLE C-21 A321-232 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
20.87425	0	6016.4	268.9935	74.93198	22.57334	0	6016.4	268.9935	74.93198
20.82259	0.051661	5999.4	268.9253	75.29087	22.52168	0.051661	5999.4	268.9265	74.71231
20.04208	0.832166	5742.559	267.8948	80.71312	21.38599	1.187348	5625.679	267.4533	69.88317
18.73221	2.142036	5311.519	266.1561	62.12857	20.07175	2.501587	5193.201	265.738	76.85477
14.79653	6.077722	4016.4	260.8623	1	18.76188	3.811457	4762.161	264.0174	59.70033
14.79279	6.081462	4016.4	260.804	15.71879	16.44396	6.129383	3999.4	260.932	66.41556
14.16751	6.706738	4016.4	250.8695	255.485	14.82246	7.750882	3465.812	258.7736	71.11319
13.59532	7.278926	4016.4	241.4204	324.9271	14.19718	8.376159	3260.052	257.9315	165.4596
12.99383	7.880425	4016.4	231.0711	243.6988	13.62499	8.948347	3071.762	257.1585	221.6555
12.35118	8.523069	4016.4	219.4752	242.9023	13.45676	9.116583	3016.4	256.9307	1
12.34939	8.52486	4016.4	219.4421	243.3189	13.02349	9.549846	3016.4	250.1928	115.544
11.82773	9.046524	4016.4	209.0012	313.6859	12.38085	10.19249	3016.4	239.8502	106.5872
11.33149	9.542763	4016.4	198.5603	385.1384	11.67604	10.8973	3016.4	227.9683	123.2947
11.28574	9.588508	3999.4	198.324	384.5511	11.00703	11.56631	3016.4	216.0864	143.9872
10.47425	10.4	3697.824	194.1323	374.1316	10.50392	12.06942	3016.4	206.1754	223.5685
8.640647	12.2336	3016.4	184.1111	360.0372	9.98918	12.58416	3016.4	195.516	284.4395
7.342566	13.53168	2533.993	177.0168	350.0592	8.501143	14.0722	2542.556	177.0168	351.238
6.781528	14.09272	2325.494	163.3209	418.6295	7.846383	14.72696	2334.057	163.3209	419.8356
6.265646	14.6086	2133.776	149.6249	487.1998	7.244321	15.32902	2142.339	149.6249	488.4331
5.913009	14.96124	2002.725	137.6408	553.212	6.832775	15.74056	2011.288	137.6408	554.4603
5.904062	14.97019	1999.4	137.6339	787.4507	6.795443	15.7779	1999.4	137.6162	1693.908
5.74843	15.12582	1941.562	137.5139	4862.245	6.668196	15.90514	1958.88	137.5326	5577.69
0.745722	20.12853	82.4	133.6034	4534.32	0.775389	21.79795	82.4	133.6033	5199.881
0.702668	20.17158	66.4	133.5693	4531.395	0.725144	21.8482	66.4	133.5693	5196.542
0.568126	20.30612	16.4	135.5531	4524.47	0.568126	22.00521	16.4	135.5531	5188.237
0.511314	20.36294	16.4	130.4557	12000	0.511314	22.06203	16.4	130.4557	12000
0.381718	20.49253	16.4	113.7325	10500	0.381718	22.19162	16.4	113.7325	10500
0.269873	20.60438	16.4	97.00924	9000	0.269873	22.30347	16.4	97.00924	9000
0.175779	20.69847	16.4	80.28602	7500	0.175779	22.39756	16.4	80.28602	7500
0.099435	20.77482	16.4	63.56281	6000	0.099435	22.4739	16.4	63.56281	6000
0.040842	20.83341	16.4	46.8396	4500	0.040842	22.5325	16.4	46.8396	4500
0	20.87425	16.4	0	0	0	22.57334	16.4	0	0
0	20.87425	16.4	30.11638	3000	0	22.57334	16.4	30.11638	3000

NOTES:

- AFE – Airport Field Elevation
- Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
- Distance – cumulative distance starting at the approach end of Runway 27
- FT. – feet
- KTS - knots
- LBS – pounds
- NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

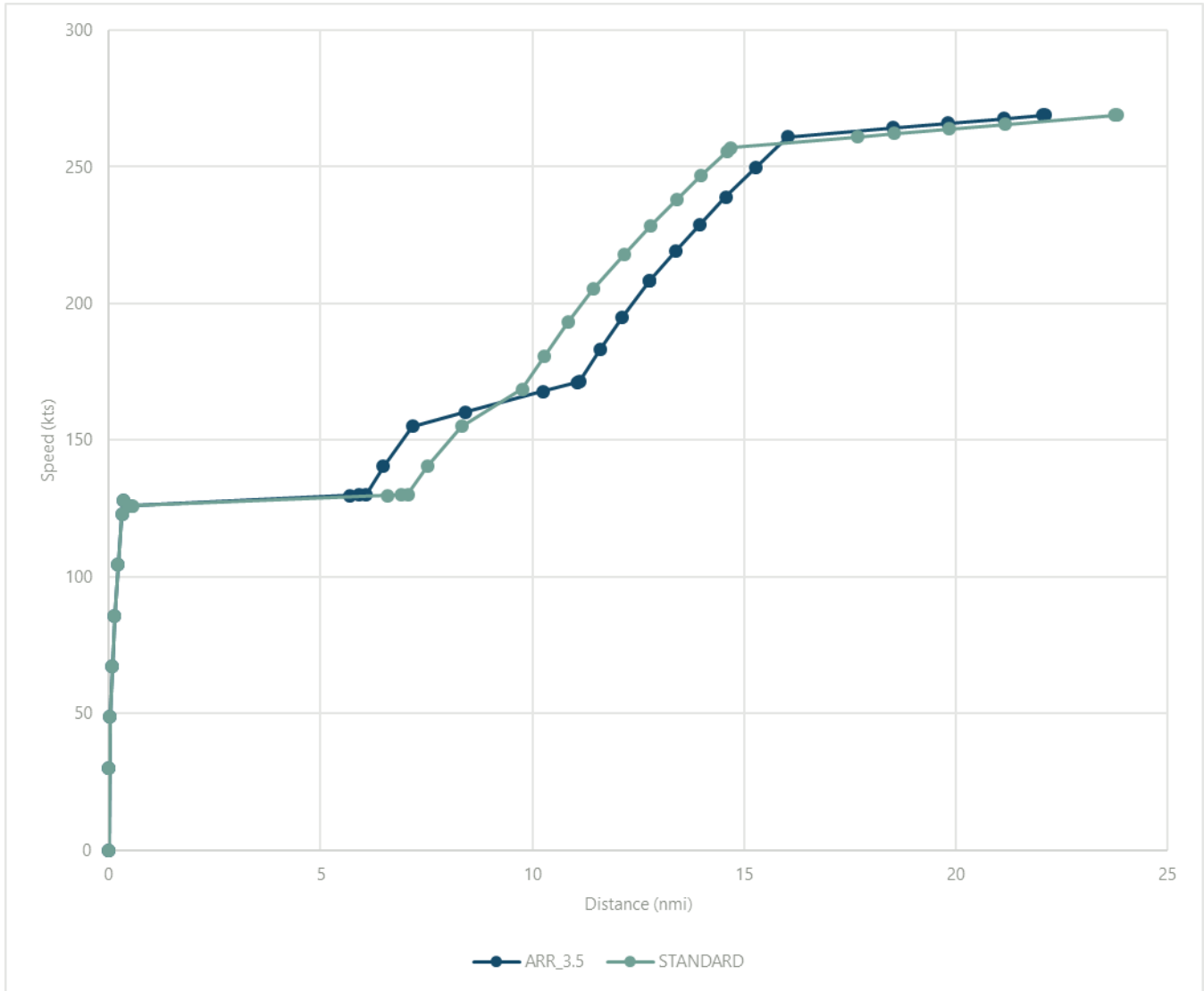
EXHIBIT C-61 A330-301 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

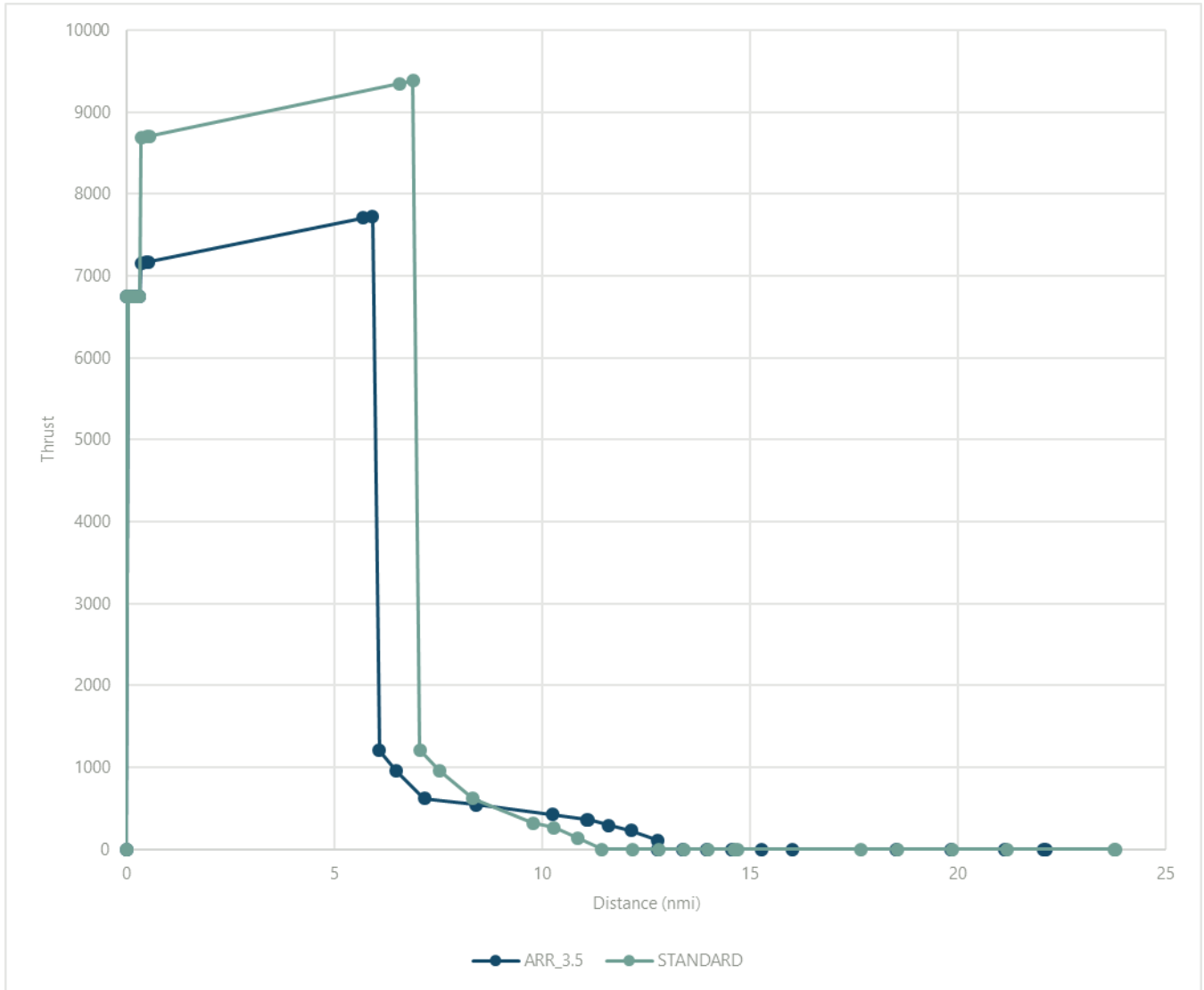
EXHIBIT C-62 A330-301 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-63 A330-301 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-22 A330-301 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
22.1002	0	6016.4	268.9935	1	23.79942	0	6016.4	268.9935	1
22.04854	0.051661	5999.4	268.9253	1	23.74776	0.051661	5999.4	268.9263	1
21.1345	0.965701	5698.616	267.718	1	21.16417	2.635245	5149.218	265.563	1
19.82026	2.27994	5266.139	265.9724	1	19.84993	3.949484	4716.741	263.8354	1
18.51039	3.58981	4835.099	264.2211	1	18.54006	5.259354	4285.701	262.1023	1
16.02248	6.077722	4016.4	260.8623	1	17.67003	6.129383	3999.4	260.9358	1
15.28076	6.819442	4016.4	249.8701	1	14.68283	9.116583	3016.4	256.9307	1
14.57097	7.529235	4016.4	238.8779	1	14.60064	9.198779	3016.4	255.7535	1
13.94569	8.154511	4016.4	228.7573	1	13.97536	9.824055	3016.4	246.6144	1
13.3735	8.7267	4016.4	219.0868	1	13.40317	10.39624	3016.4	237.9438	1
12.7737	9.326505	4016.4	208.4685	1	12.80167	10.99774	3016.4	228.4746	1
12.77201	9.328198	4016.4	208.434	110.4691	12.15903	11.64039	3016.4	217.9034	1
12.12936	9.970843	4016.4	194.9142	229.9438	11.4313	12.36811	3016.4	205.2765	1
11.60307	10.49714	4016.4	183.1002	293.9998	10.83847	12.96095	3016.4	193.0252	140.5718
11.10967	10.99054	4016.4	171.2861	359.9339	10.2821	13.51732	3016.4	180.7739	266.7185
11.06392	11.03628	3999.4	171.1039	363.4538	9.76736	14.03206	3016.4	168.6486	320.9393
10.25243	11.84777	3697.824	167.8726	425.8958	8.333094	15.46632	2559.678	154.9637	619.4509
8.418827	13.68138	3016.4	160.2021	540.4573	7.525795	16.27362	2302.605	140.335	963.4204
7.166606	14.9336	2551.036	154.9637	618.6947	7.057252	16.74216	2153.405	130.0665	1209.13
6.474864	15.62534	2293.963	140.335	962.7231	6.892673	16.90674	2100.997	129.9642	9382.698
6.073389	16.02682	2144.762	130.0665	1208.472	6.573623	17.22579	1999.4	129.763	9348.424
5.90881	16.19139	2083.6	129.9467	7727.535	0.55357	23.24585	82.4	125.9664	8701.722
5.682243	16.41796	1999.4	129.7792	7704.033	0.503324	23.29609	66.4	125.9342	8696.112
0.523902	21.5763	82.4	125.9665	7168.946	0.346307	23.45311	16.4	127.7321	8682.932
0.480849	21.61936	66.4	125.9342	7164.305	0.311679	23.48774	16.4	122.8262	6750
0.346307	21.7539	16.4	127.7321	7154.31	0.219114	23.5803	16.4	104.2842	6750
0.311679	21.78853	16.4	122.8262	6750	0.141664	23.65775	16.4	85.74226	6750
0.219114	21.88109	16.4	104.2842	6750	0.079328	23.72009	16.4	67.2003	6750
0.141664	21.95854	16.4	85.74226	6750	0.032107	23.76731	16.4	48.65834	6750
0.079328	22.02088	16.4	67.2003	6750	0	23.79942	16.4	0	0
0.032107	22.0681	16.4	48.65834	6750	0	23.79942	16.4	30.11638	6750
0	22.1002	16.4	0	0					
0	22.1002	16.4	30.11638	6750					

NOTES:

AFE – Airport Field Elevation
 Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
 Distance – cumulative distance starting at the approach end of Runway 27
 FT. – feet
 KTS - knots
 LBS – pounds
 NM – nautical miles
 SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-64 A330-343 ALTITUDE VERSUS CUMULATIVE DISTANCE

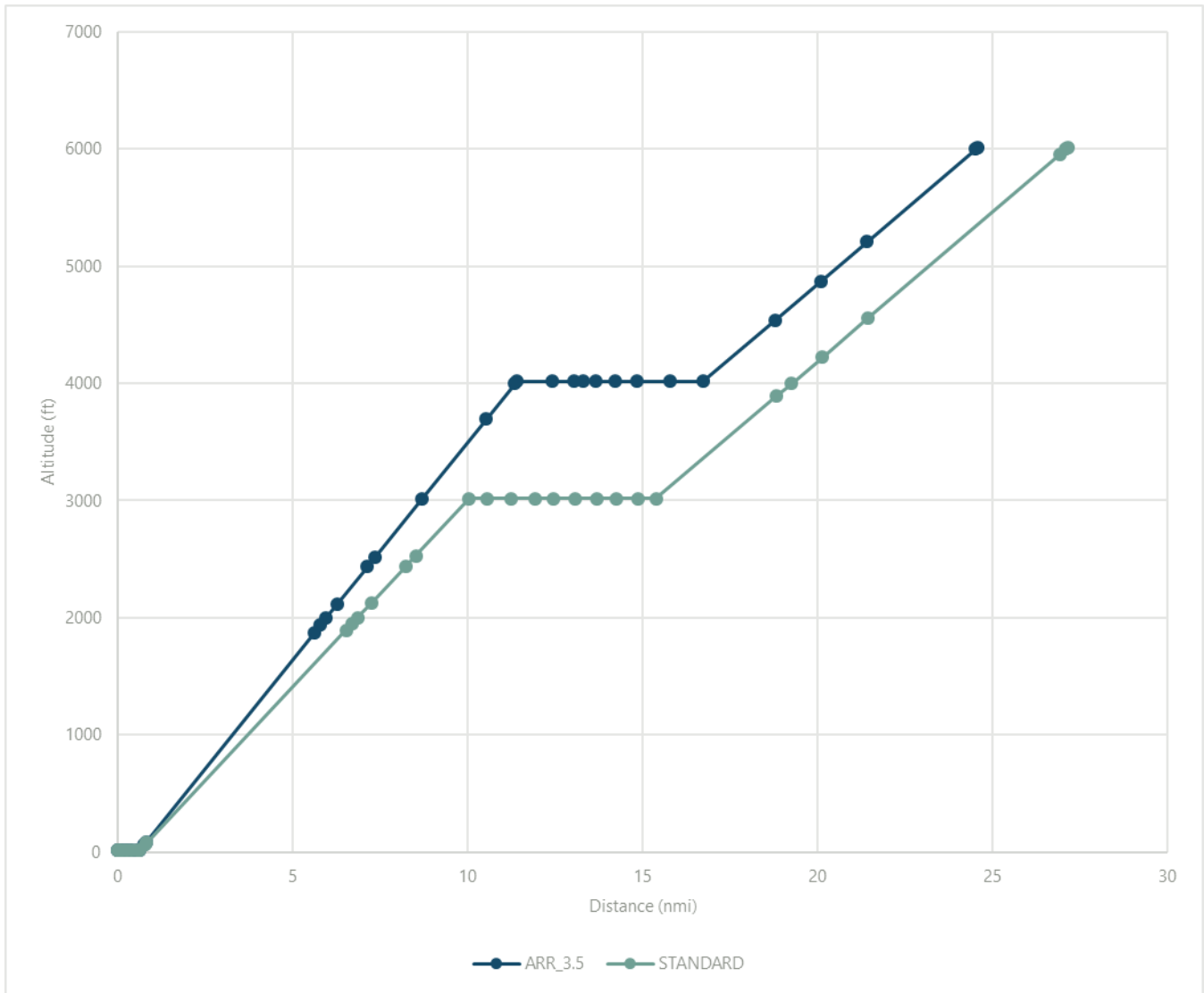
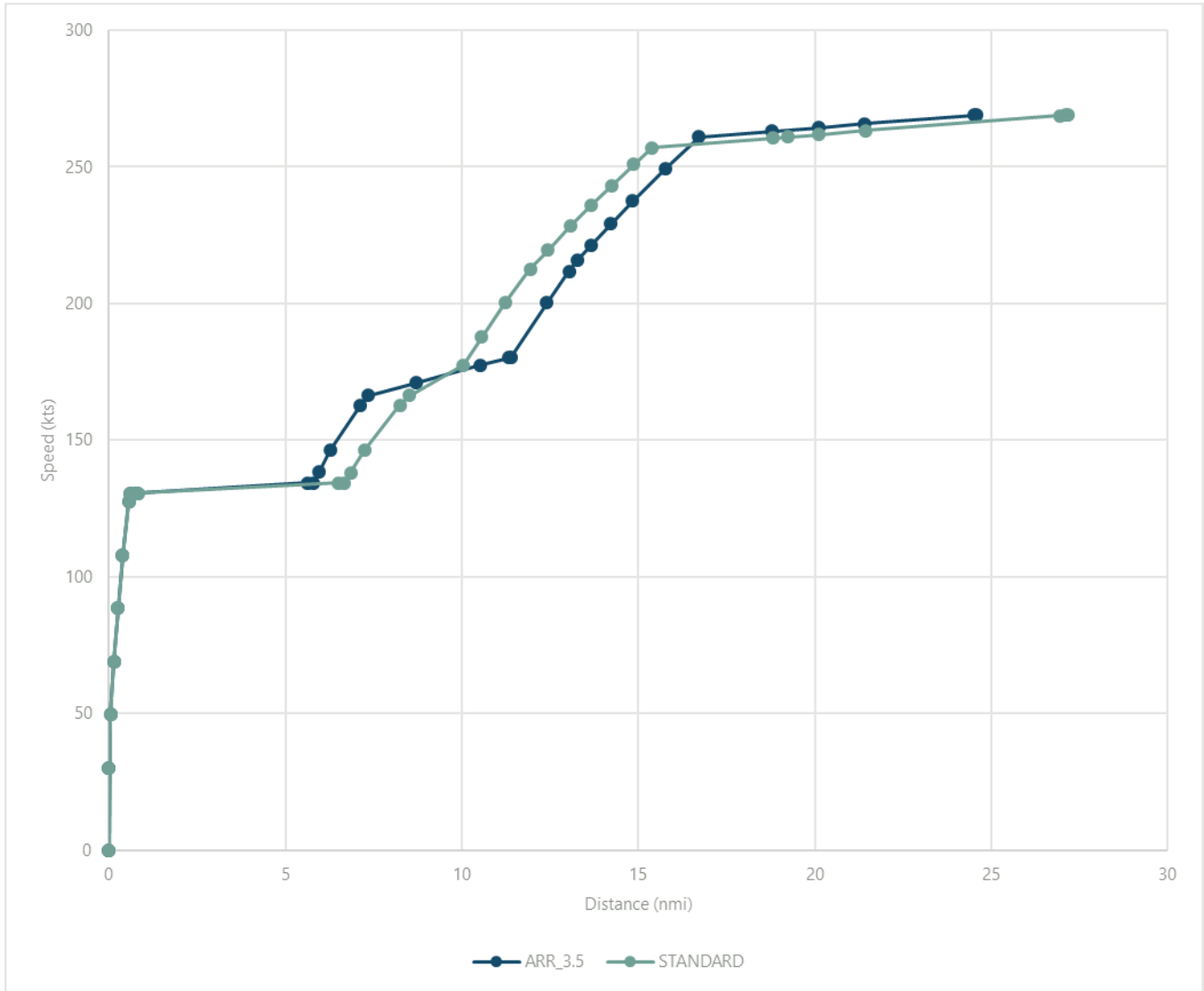


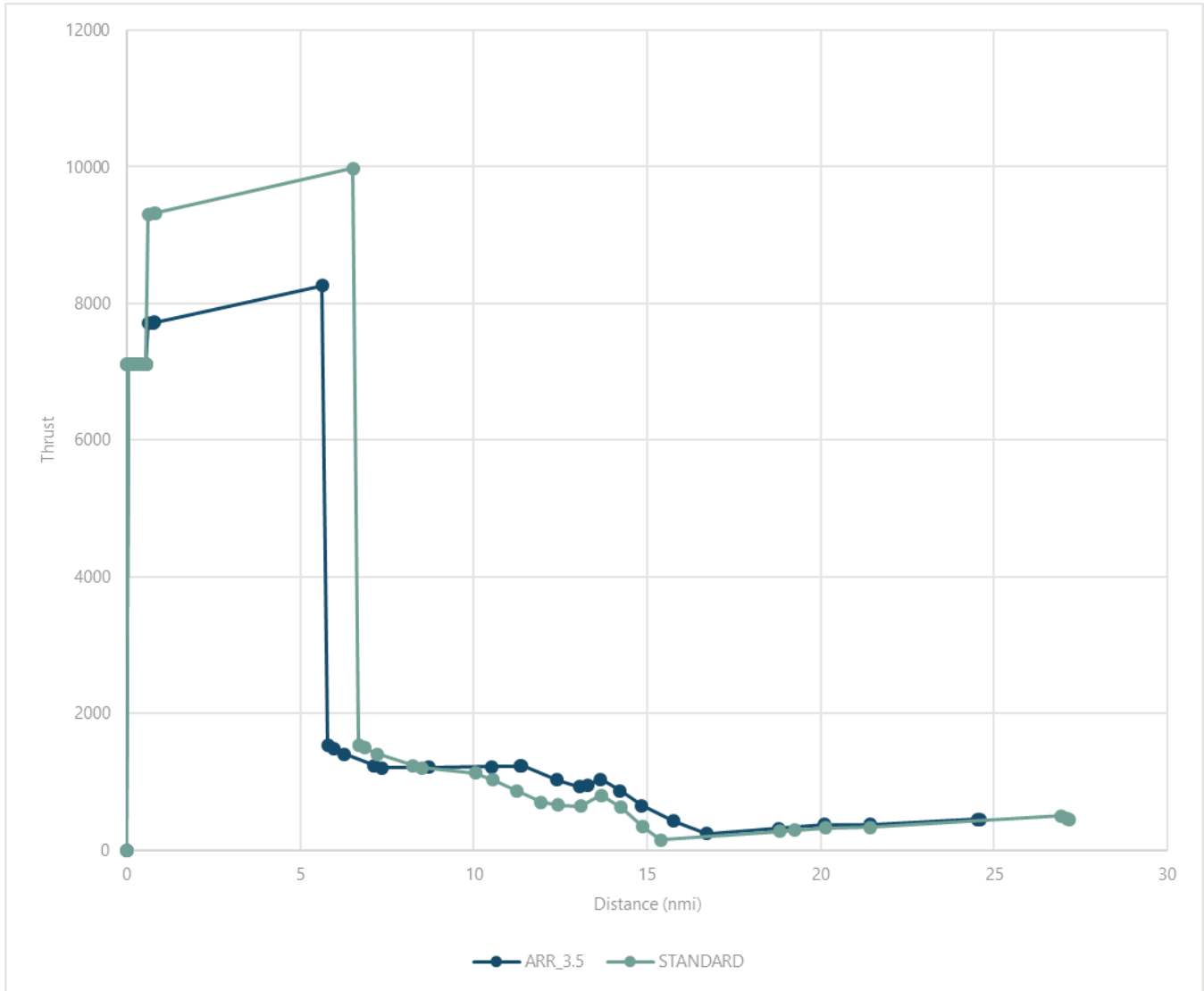
EXHIBIT C-65 A330-343 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-66 A330-343 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-23 A330-343 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
24.57873	0	6016.4	268.9935	447.8029	27.16642	0	6016.4	268.9935	447.8029
24.51198	0.066754	5999.4	268.925	446.3368	27.09967	0.066754	5999.4	268.9267	464.054
21.4104	3.168327	5209.539	265.7431	378.2213	26.93554	0.230885	5957.602	268.7623	504.0111
20.09616	4.482566	4874.849	264.3831	372.7687	21.44007	5.726352	4558.1	263.1989	336.0724
18.78629	5.792436	4541.271	263.0206	312.4634	20.12583	7.040591	4223.41	261.8509	326.4489
16.72527	7.853464	4016.4	260.8623	242.9503	19.2462	7.920218	3999.4	260.944	290.727
15.76396	8.814771	4016.4	249.1337	427.0268	18.81596	8.350461	3889.832	260.5004	273.2548
14.84687	9.731862	4016.4	237.405	650.2295	15.38623	11.7802	3016.4	256.9307	150.2784
14.22159	10.35714	4016.4	229.0644	872.7156	14.87654	12.28989	3016.4	250.872	344.1443
13.6494	10.92933	4016.4	221.1564	1037.779	14.25126	12.91516	3016.4	243.2332	627.6096
13.28202	11.29671	4016.4	215.9263	949.3429	13.67907	13.48735	3016.4	236.0264	798.8649
13.04791	11.53082	4016.4	211.8459	924.2879	13.07757	14.08885	3016.4	228.2053	646.4087
12.40526	12.17347	4016.4	200.2182	1030.116	12.43493	14.73149	3016.4	219.5415	660.9939
11.38557	13.19316	4016.4	180.2354	1233.287	11.93961	15.22681	3016.4	212.623	704.3541
11.33982	13.23891	3999.4	180.0825	1232.71	11.22726	15.93916	3016.4	200.1416	867.623
10.52833	14.0504	3697.824	177.3699	1222.485	10.558	16.60842	3016.4	187.6602	1029.507
8.694727	15.884	3016.4	170.9929	1212.048	10.04326	17.12316	3016.4	177.4645	1129.548
7.360675	17.21806	2520.624	166.3534	1204.454	8.513931	18.65249	2529.407	166.3534	1205.565
7.127376	17.45136	2433.923	162.6989	1239.284	8.241659	18.92476	2442.706	162.6989	1240.387
6.264735	18.314	2113.339	146.2645	1406.084	7.234913	19.93151	2122.122	146.2645	1407.15
5.958143	18.62059	1999.4	138.604	1488.964	6.849523	20.3169	1999.4	138.0135	1496.401
5.790024	18.78871	1936.922	134.4034	1534.411	6.6809	20.48552	1945.704	134.4034	1535.452
5.625445	18.95329	1875.759	134.2793	8264.309	6.516322	20.6501	1893.297	134.2975	9978.983
0.799802	23.77893	82.4	130.5888	7725.51	0.82947	26.33695	82.4	130.5887	9325.408
0.756749	23.82198	66.4	130.5554	7720.533	0.779224	26.3872	66.4	130.5554	9319.429
0.622207	23.95652	16.4	130.4788	7706.629	0.622207	26.54422	16.4	130.4788	9302.633
0.559996	24.01873	16.4	127.444	7110	0.559996	26.60643	16.4	127.444	7110
0.39265	24.18608	16.4	107.9785	7110	0.39265	26.77377	16.4	107.9785	7110
0.252977	24.32575	16.4	88.51297	7110	0.252977	26.91345	16.4	88.51297	7110
0.140978	24.43775	16.4	69.04744	7110	0.140978	27.02545	16.4	69.04744	7110
0.056652	24.52208	16.4	49.58191	7110	0.056652	27.10977	16.4	49.58191	7110
0	24.57873	16.4	0	0	0	27.16642	16.4	0	0
0	24.57873	16.4	30.11638	7110	0	27.16642	16.4	30.11638	7110

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

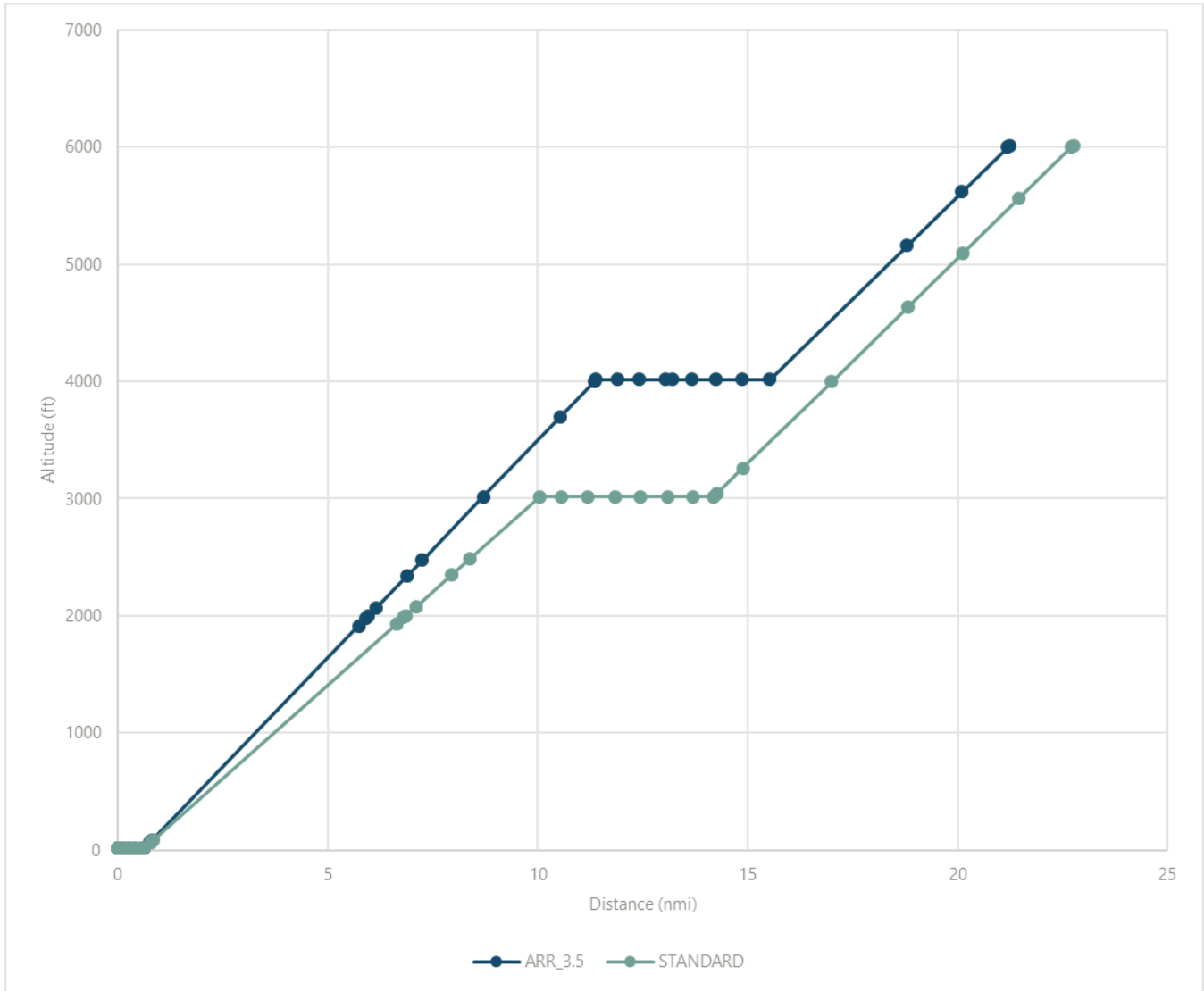
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

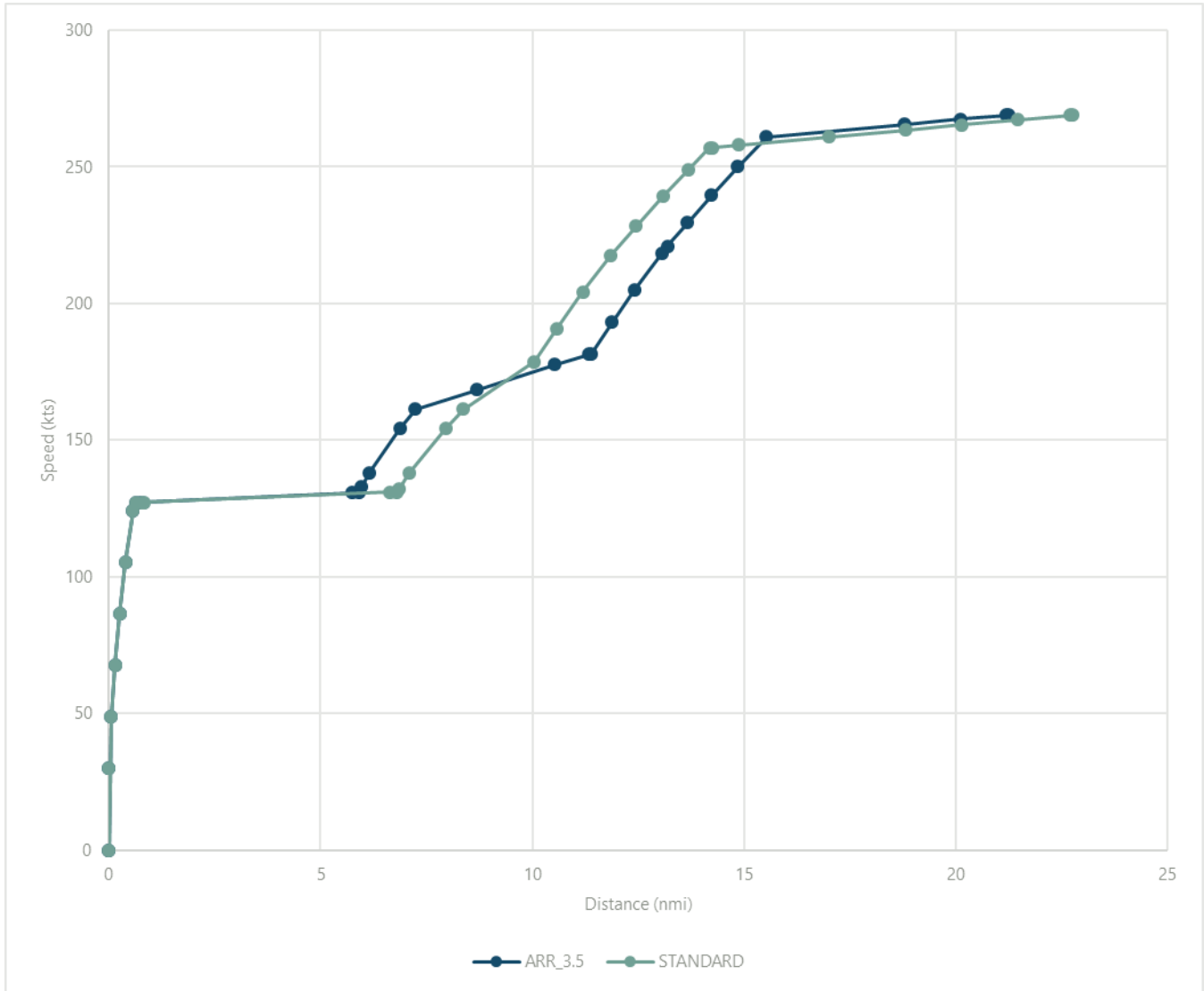
EXHIBIT C-67 A340-211 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

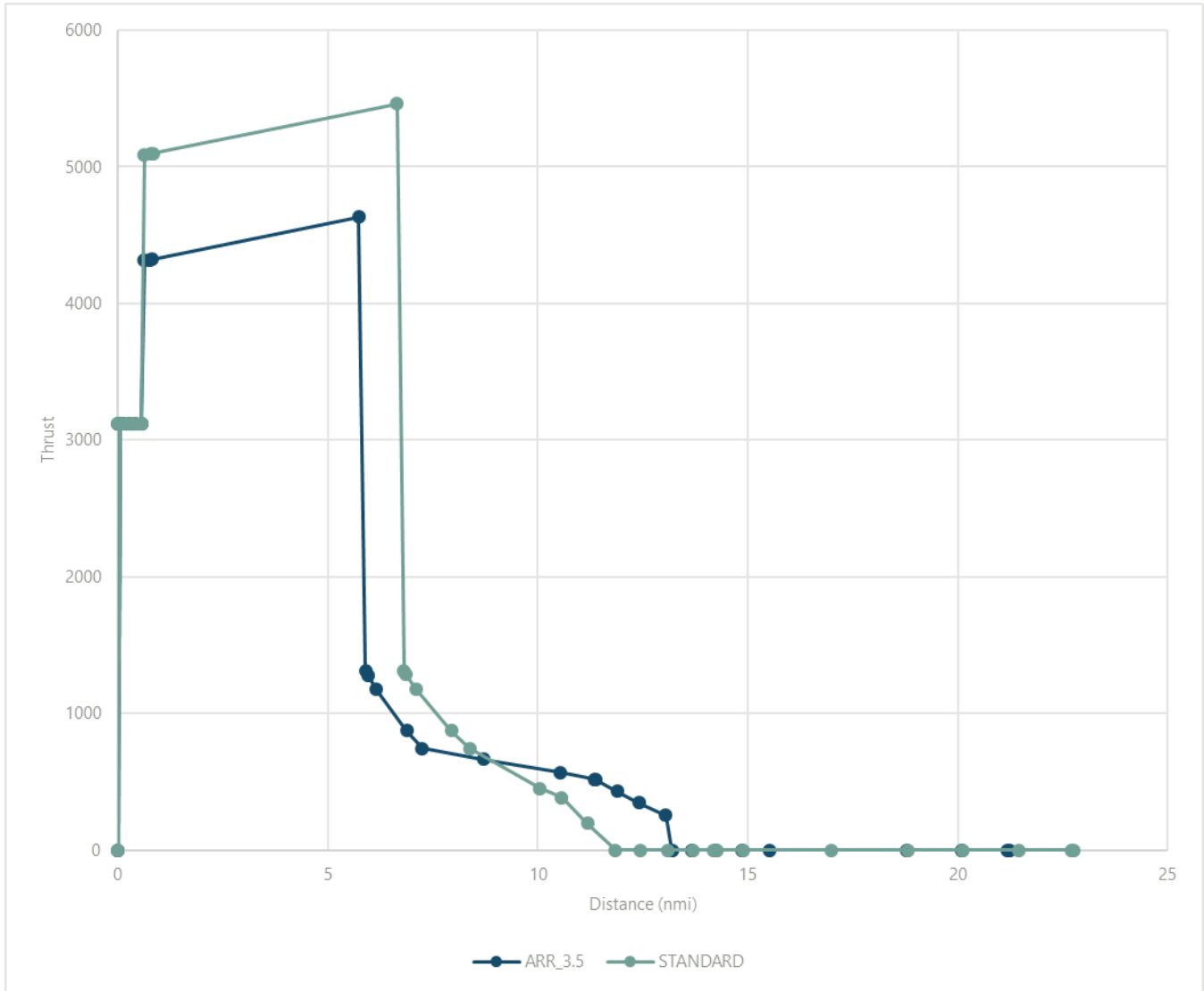
EXHIBIT C-68 A340-211 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-69 A340-211 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

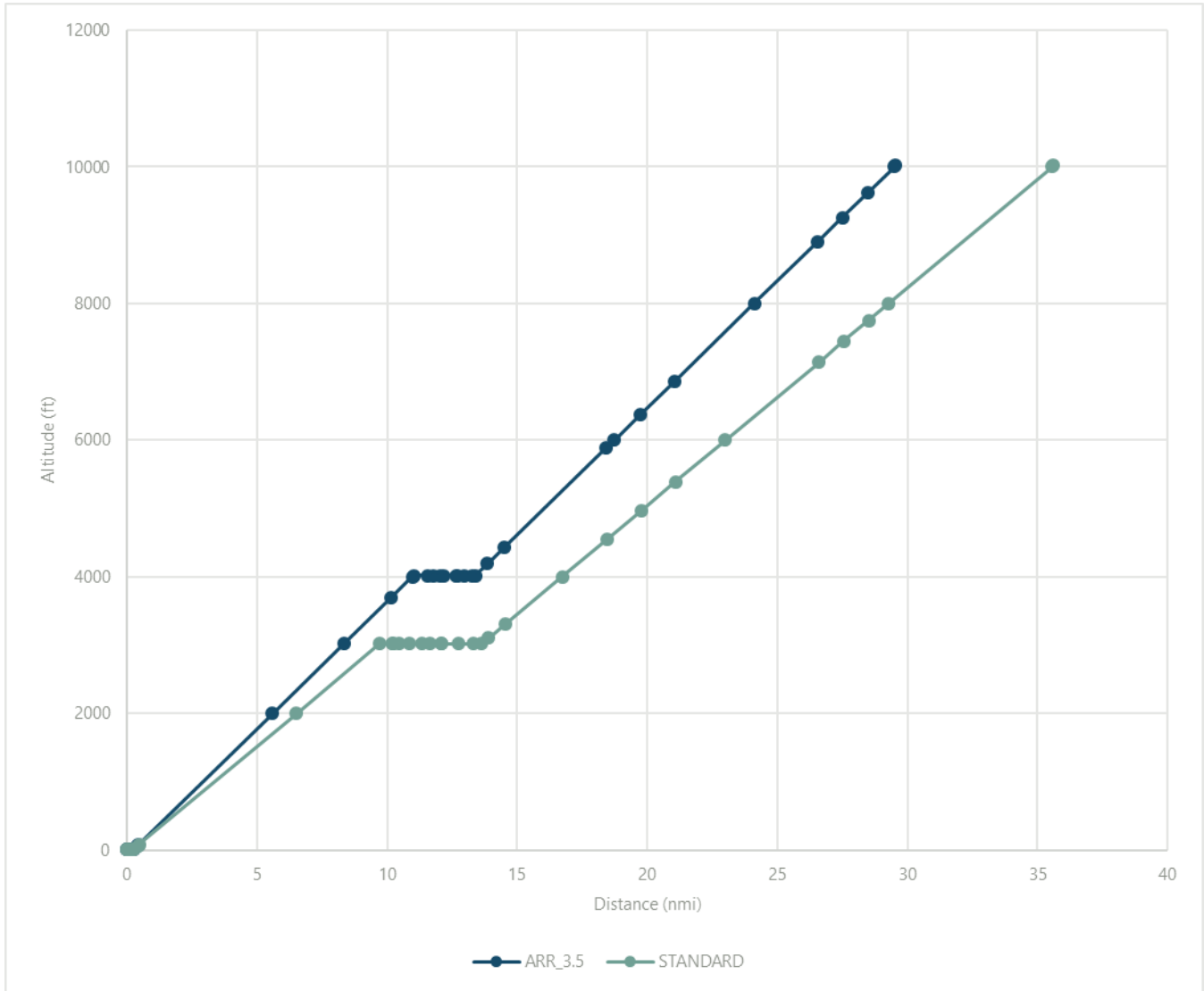
TABLE C-24 A340-211 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
21.23765	0	6016.4	268.9935	1	22.75213	0	6016.4	268.9935	1
21.18913	0.048523	5999.4	268.9253	1	22.70361	0.048523	5999.4	268.9265	1
20.10239	1.135268	5618.663	267.3962	1	21.44629	1.305838	5558.904	267.1892	1
18.79252	2.445138	5159.754	265.5412	1	20.13205	2.620077	5098.465	265.3608	1
15.52902	5.708632	4016.4	260.8623	1	18.82218	3.929947	4639.556	263.5259	1
14.85309	6.384563	4016.4	249.9851	1	16.99497	5.757156	3999.4	260.9298	1
14.22781	7.009839	4016.4	239.4835	1	14.88276	7.869372	3259.392	257.9288	1
13.65563	7.582028	4016.4	229.4528	1	14.25748	8.494649	3040.329	257.0292	1
13.19461	8.043041	4016.4	221.0402	1	14.18918	8.562948	3016.4	256.9307	1
13.05413	8.183526	4016.4	218.2175	252.5131	13.68529	9.066837	3016.4	248.9878	1
12.41148	8.826171	4016.4	204.8096	345.0394	13.08379	9.668336	3016.4	239.161	1
11.88626	9.35139	4016.4	193.1618	428.4628	12.44115	10.31098	3016.4	228.195	1
11.39179	9.845865	4016.4	181.5139	514.2636	11.85221	10.89992	3016.4	217.6607	1
11.34604	9.891609	3999.4	181.3015	517.0884	11.18692	11.56521	3016.4	204.1576	195.6834
10.53455	10.7031	3697.824	177.5341	567.1985	10.56422	12.18791	3016.4	190.6545	382.9406
8.700948	12.53671	3016.4	168.5146	665.9797	10.04948	12.70265	3016.4	178.7239	453.0436
7.242703	13.99495	2474.471	161.3416	744.5394	8.374611	14.37752	2483.061	161.3416	745.2502
6.876486	14.36117	2338.373	154.2514	873.4601	7.947217	14.80491	2346.964	154.2514	874.1261
6.144065	15.09359	2066.183	137.775	1179.795	7.092443	15.65969	2074.773	137.775	1180.365
5.964364	15.27329	1999.4	132.7648	1274.872	6.855744	15.89639	1999.4	132.1203	1287.643
5.899928	15.33773	1975.454	130.9683	1308.963	6.807523	15.94461	1984.044	130.9683	1309.498
5.73535	15.5023	1914.291	130.8473	4631.229	6.642944	16.10919	1931.637	130.8651	5462.8
0.806023	20.43163	82.4	127.1723	4323.193	0.835691	21.91644	82.4	127.1722	5097.855
0.76297	20.47468	66.4	127.1398	4320.406	0.785445	21.96669	66.4	127.1398	5094.583
0.628428	20.60923	16.4	127.0362	4312.601	0.628428	22.1237	16.4	127.0362	5085.381
0.565592	20.67206	16.4	124.0308	3120	0.565592	22.18654	16.4	124.0308	3120
0.397339	20.84031	16.4	105.2479	3120	0.397339	22.35479	16.4	105.2479	3120
0.256654	20.981	16.4	86.46506	3120	0.256654	22.49548	16.4	86.46506	3120
0.143536	21.09412	16.4	67.68216	3120	0.143536	22.60859	16.4	67.68216	3120
0.057984	21.17967	16.4	48.89927	3120	0.057984	22.69415	16.4	48.89927	3120
0	21.23765	16.4	0	0	0	22.75213	16.4	0	0
0	21.23765	16.4	30.11638	3120	0	22.75213	16.4	30.11638	3120

NOTES:

- AFE – Airport Field Elevation
- Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
- Distance – cumulative distance starting at the approach end of Runway 27
- FT. – feet
- KTS - knots
- LBS – pounds
- NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

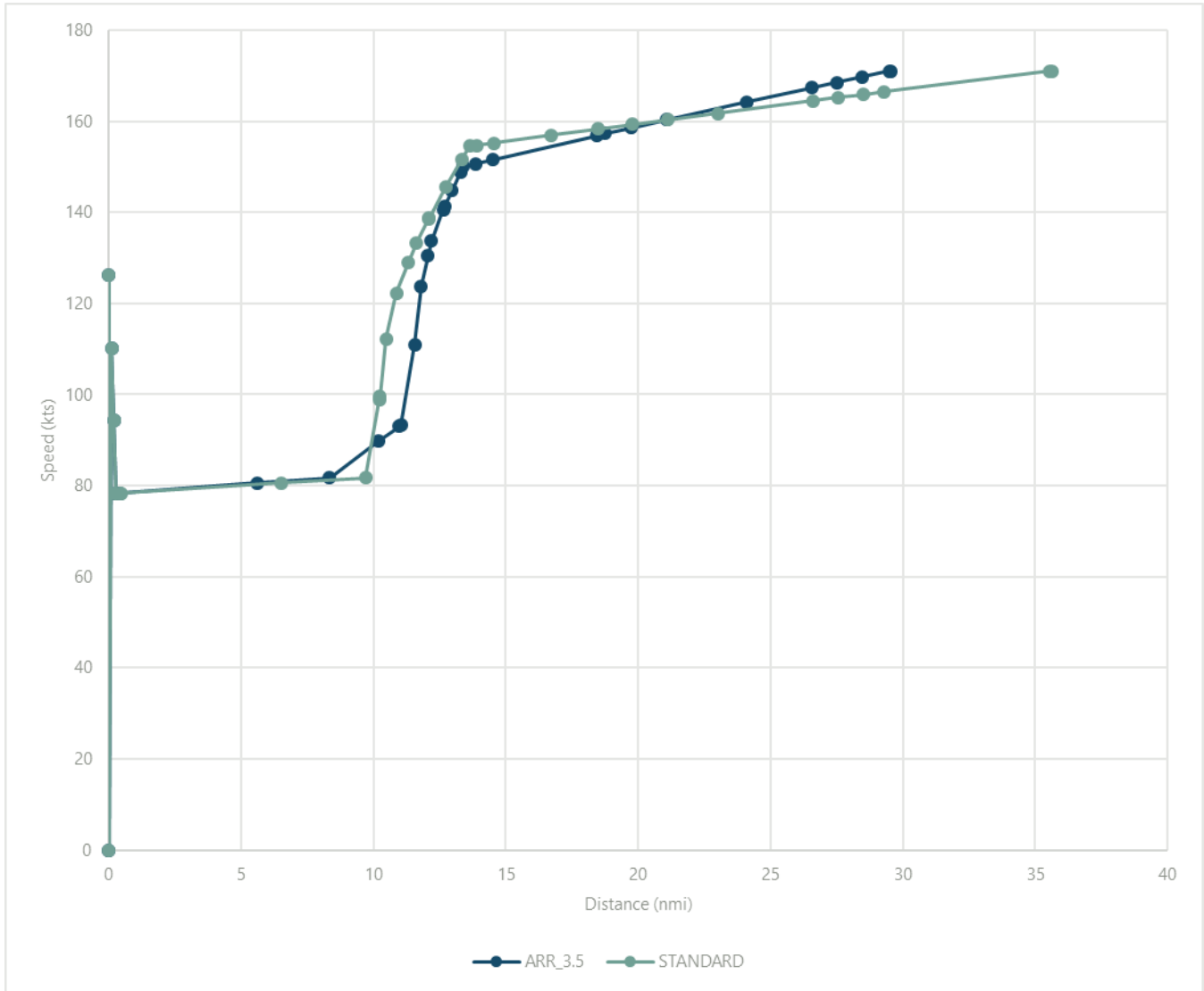
EXHIBIT C-70 BD-700-1A10 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

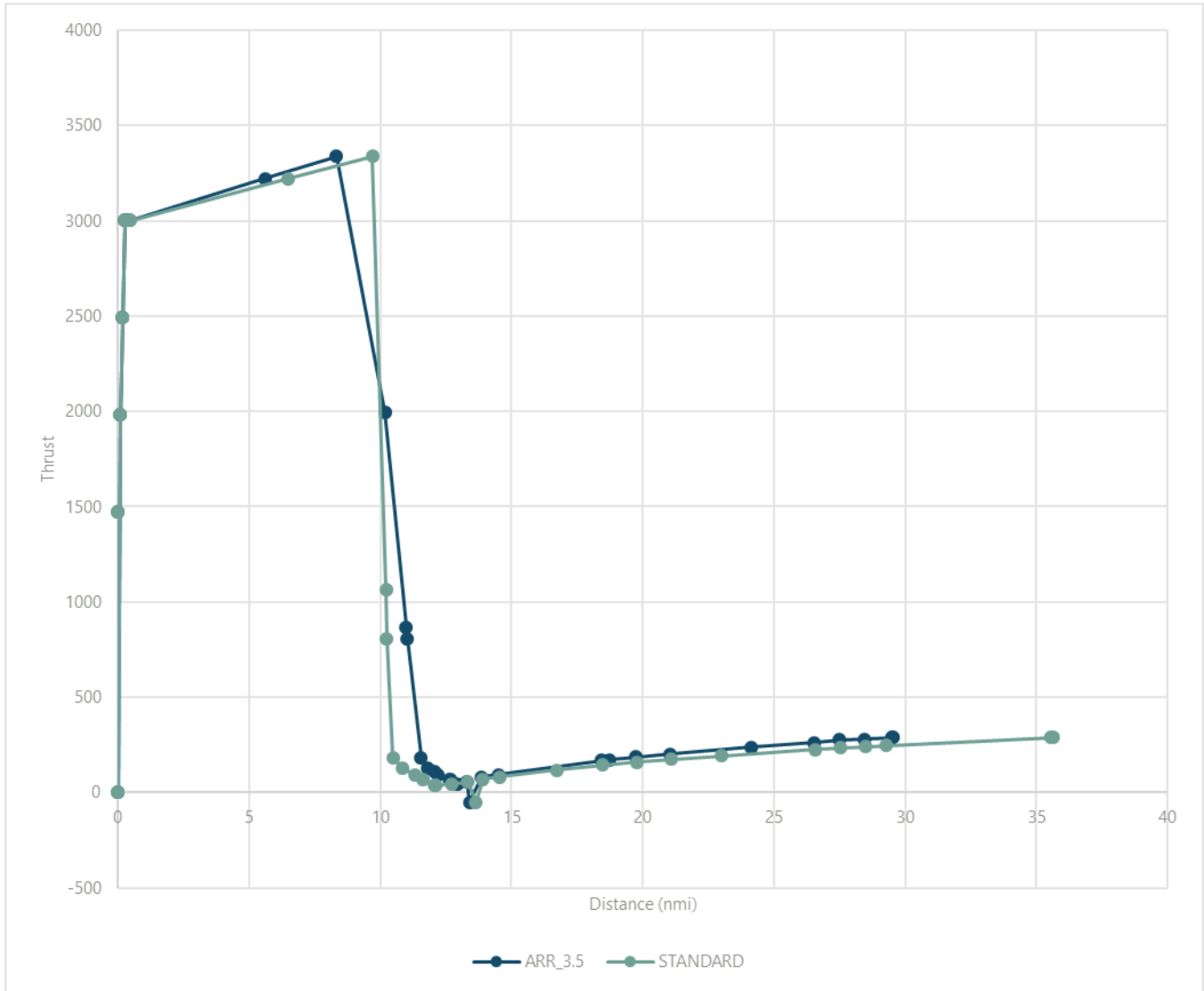
EXHIBIT C-71 BD-700-1A10 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-72 BD-700-1A10 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

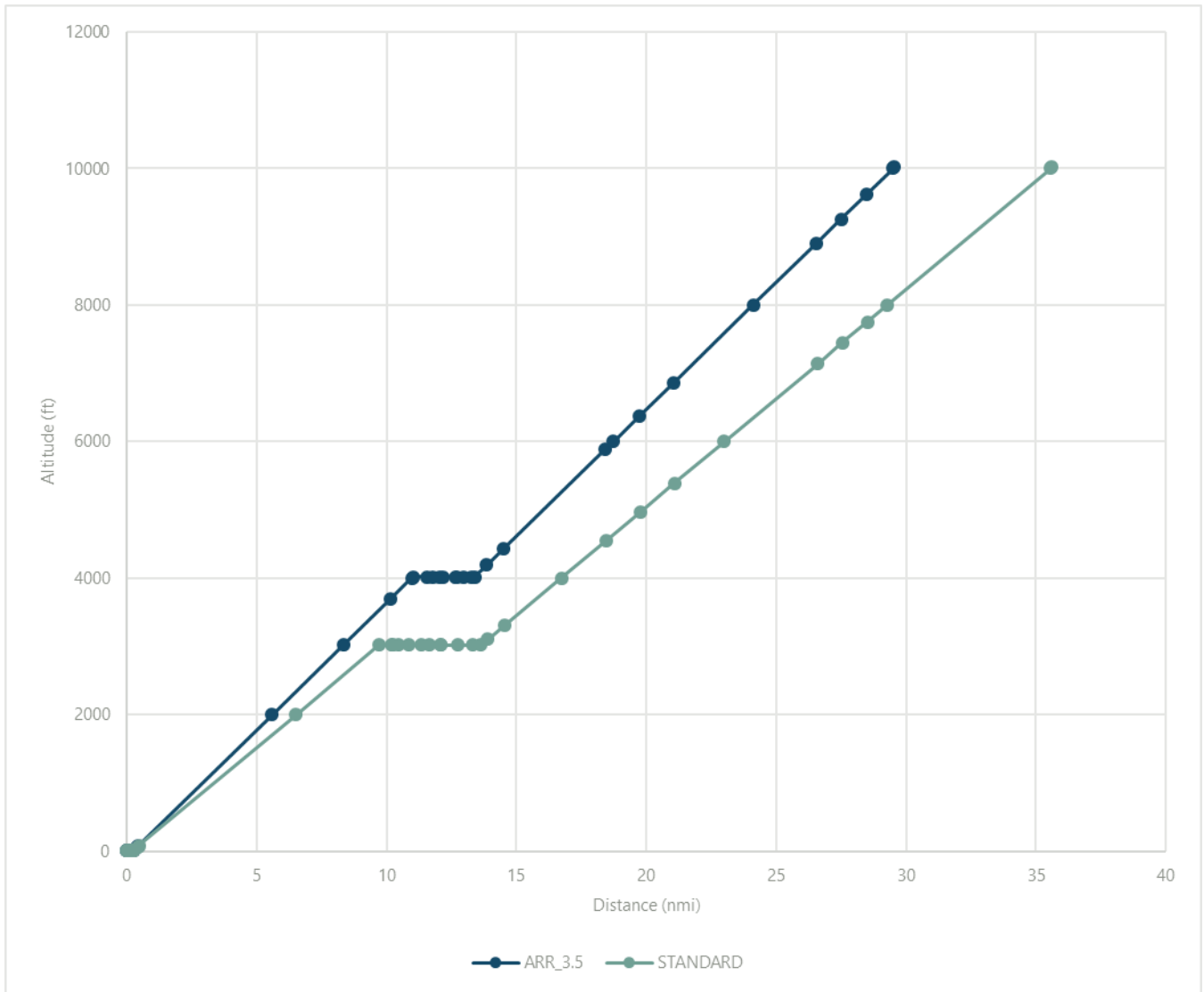
TABLE C-25 BD-700-1A10 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
29.53861	0	10016.4	171.0501	289	35.61535	0	10016.4	171.0501	289
29.49286	0.045744	9999.4	170.9939	288.632	35.56198	0.053375	9999.4	171.0113	288.6355
28.46262	1.075992	9616.527	169.7285	280.3448	29.28254	6.33281	7999.4	166.4477	245.7549
27.50448	2.034125	9260.455	168.5428	275.5125	28.50506	7.11029	7751.773	165.8826	240.4457
26.54806	2.990548	8905.018	167.3509	262.8799	27.54693	8.068423	7446.607	165.1739	235.5405
24.11119	5.427417	7999.4	164.238	236.3298	26.59051	9.024846	7141.987	164.4635	225.3568
21.05259	8.486015	6862.728	160.3309	203.0058	23.00311	12.61224	5999.4	161.7587	191.9503
19.73835	9.800254	6374.315	158.606	186.8538	21.09504	14.52031	5391.68	160.3201	174.182
18.72952	10.80909	5999.4	157.2674	172.1128	19.7808	15.83455	4973.095	159.3133	160.3489
18.42849	11.11012	5887.526	156.868	167.7141	18.47093	17.14442	4555.902	158.3035	143.9736
14.48906	15.04955	4423.511	151.5208	94.22242	16.72367	18.89168	3999.4	156.9388	116.2016
13.86378	15.67483	4191.139	150.6546	80.9194	14.53151	21.08385	3301.195	155.2267	81.35803
13.39359	16.14502	4016.4	150	-51.1346	13.90623	21.70912	3102.044	154.7327	70.05861
13.29159	16.24701	4016.4	148.8154	55.80748	13.63733	21.97802	3016.4	154.5198	-51.8225
12.95071	16.5879	4016.4	144.7861	41.28224	13.33404	22.28131	3016.4	151.5554	55.28235
12.6901	16.84851	4016.4	141.1952	66.58707	12.73254	22.88281	3016.4	145.4976	46.6444
12.64607	16.89254	4016.4	140.5795	69.87193	12.0899	23.52545	3016.4	138.7334	37.49487
12.17916	17.35945	4016.4	133.7659	92.75193	12.07038	23.54498	3016.4	138.5228	37.22753
12.04745	17.49116	4016.4	130.3855	107.1412	11.62749	23.98786	3016.4	133.3089	68.16939
11.79882	17.73979	4016.4	123.753	130	11.32286	24.29249	3016.4	129.1023	92
11.56117	17.97744	4016.4	111.0146	184	10.85595	24.7594	3016.4	122.2887	130
11.02777	18.51084	4016.4	93.24003	804	10.47561	25.13975	3016.4	112.2757	184
10.98202	18.55658	3999.4	93.05343	867.6613	10.23796	25.3774	3016.4	99.53731	804
10.17052	19.36809	3697.823	89.74311	1997.003	10.21297	25.40239	3016.4	98.77608	1066.675
8.336905	21.2017	3016.4	81.76279	3337	9.704556	25.9108	3016.4	81.76279	3337
5.600325	23.93828	1999.4	80.57825	3221.201	6.508626	29.10673	1999.4	80.57825	3221.201
0.441992	29.09662	82.4	78.34543	3002.924	0.484439	35.13091	82.4	78.34543	3002.924
0.398939	29.13967	66.4	78.32638	3001	0.434159	35.18119	66.4	78.32638	3001
0.264478	29.27413	16.4	78.32638	3001	0.264478	35.35088	16.4	78.32638	3001
0.190063	29.34855	16.4	94.2642	2492.333	0.190063	35.42529	16.4	94.2642	2492.333
0.101903	29.43671	16.4	110.202	1983.667	0.101903	35.51345	16.4	110.202	1983.667
0	29.53861	16.4	0	0	0	35.61535	16.4	0	0
0	29.53861	16.4	126.1398	1475	0	35.61535	16.4	126.1398	1475

NOTES:

- AFE – Airport Field Elevation
- Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
- Distance – cumulative distance starting at the approach end of Runway 27
- FT. – feet
- KTS - knots
- LBS – pounds
- NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

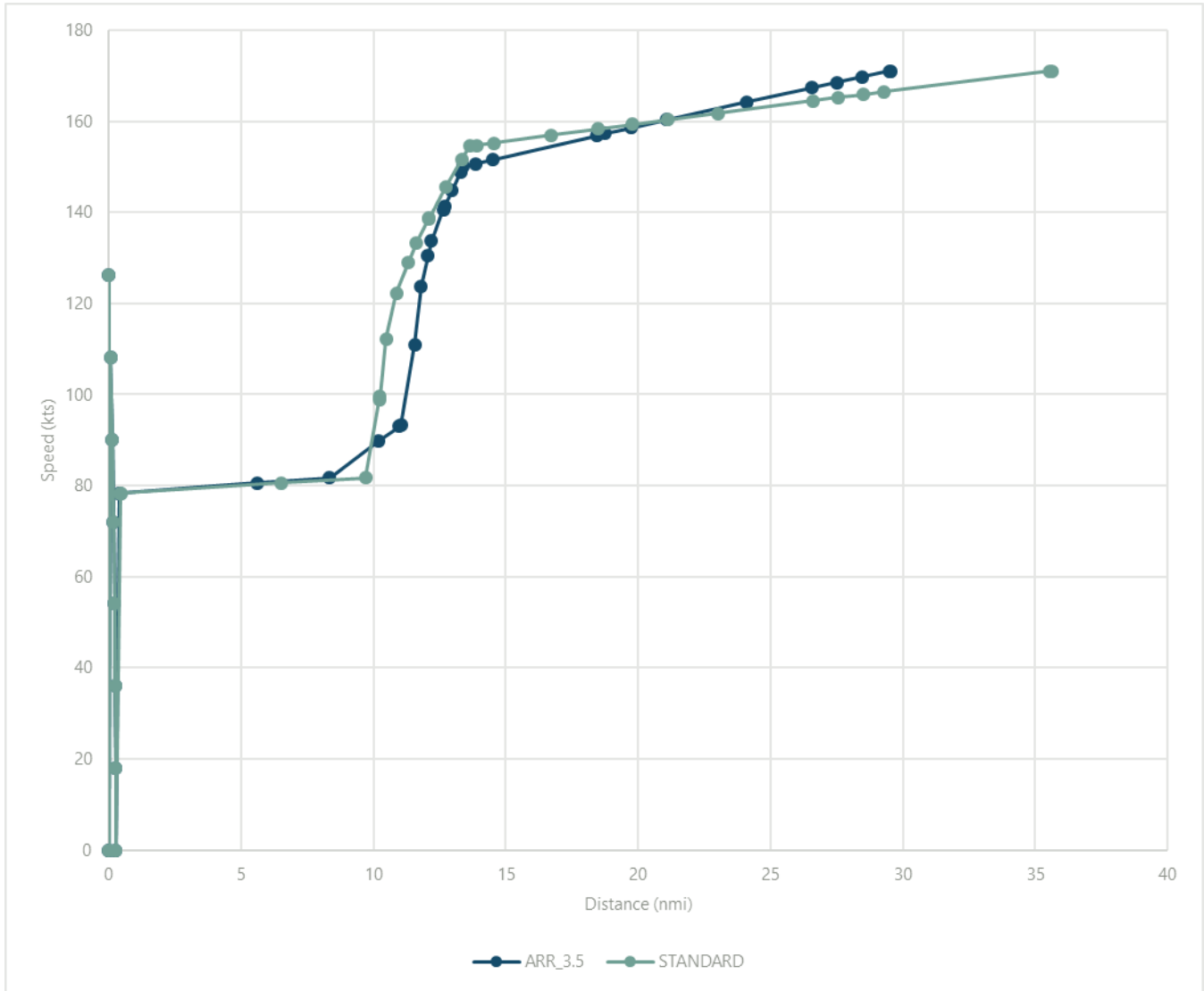
EXHIBIT C-73 BD-700-1A11 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3,5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

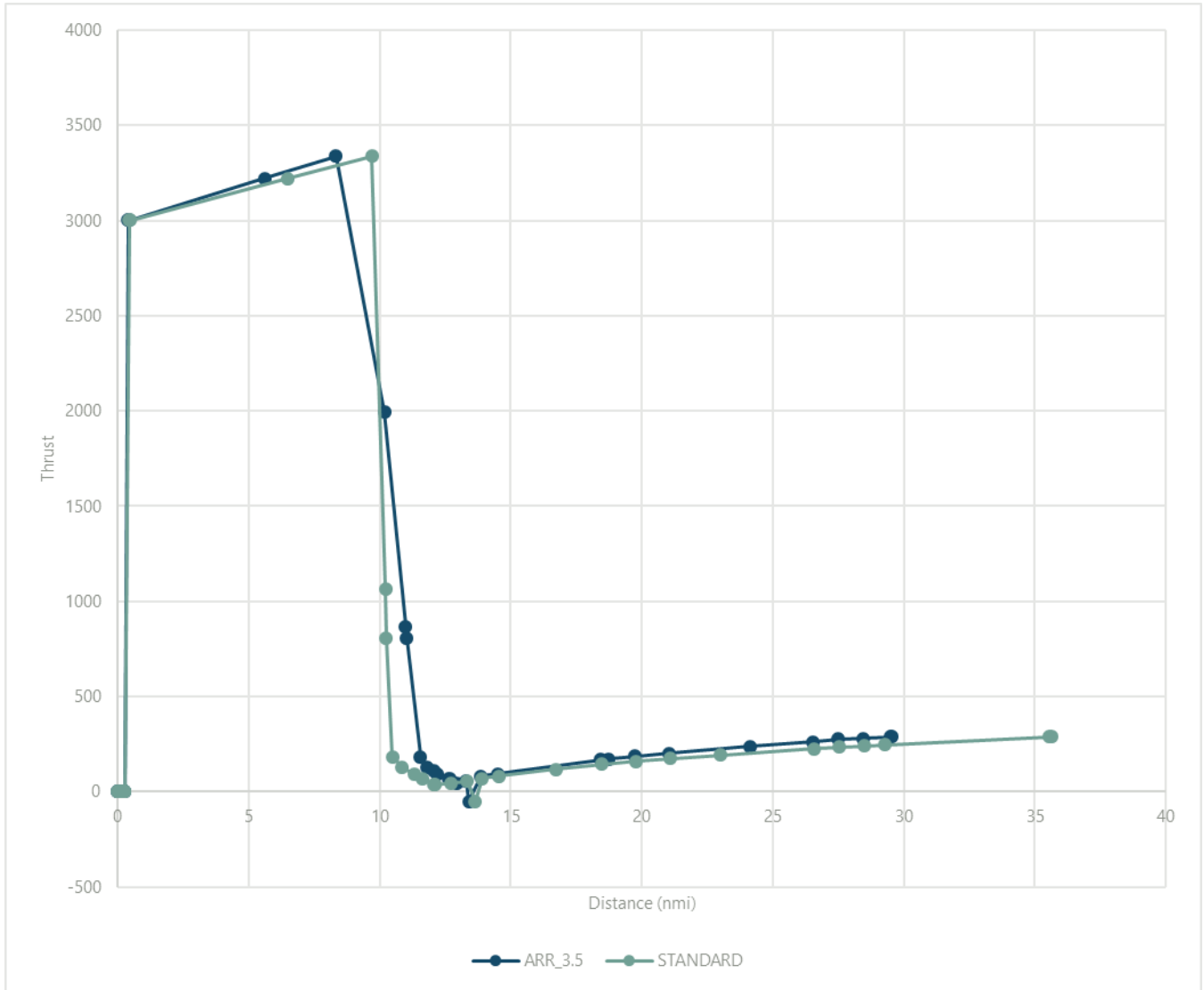
EXHIBIT C-74 BD-700-1A11 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-75 BD-700-1A11 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-26 BD-700-1A11 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
29.53861	0	10016.4	171.0501	289	35.61535	0	10016.4	171.0501	289
29.49286	0.045744	9999.4	170.9939	288.632	35.56198	0.053375	9999.4	171.0113	288.6355
28.46262	1.075992	9616.527	169.7285	280.3448	29.28254	6.33281	7999.4	166.4477	245.7549
27.50448	2.034125	9260.455	168.5428	275.5125	28.50506	7.11029	7751.773	165.8826	240.4457
26.54806	2.990548	8905.018	167.3509	262.8799	27.54693	8.068423	7446.607	165.1739	235.5405
24.11119	5.427417	7999.4	164.238	236.3298	26.59051	9.024846	7141.987	164.4635	225.3568
21.05259	8.486015	6862.728	160.3309	203.0058	23.00311	12.61224	5999.4	161.7587	191.9503
19.73835	9.800254	6374.315	158.606	186.8538	21.09504	14.52031	5391.68	160.3201	174.182
18.72952	10.80909	5999.4	157.2674	172.1128	19.7808	15.83455	4973.095	159.3133	160.3489
18.42849	11.11012	5887.526	156.868	167.7141	18.47093	17.14442	4555.902	158.3035	143.9736
14.48906	15.04955	4423.511	151.5208	94.22241	16.72367	18.89168	3999.4	156.9388	116.2016
13.86378	15.67483	4191.139	150.6546	80.91941	14.53151	21.08385	3301.195	155.2267	81.358
13.39359	16.14502	4016.4	150	-51.1345	13.90623	21.70912	3102.044	154.7327	70.05866
13.29159	16.24701	4016.4	148.8154	55.8075	13.63733	21.97802	3016.4	154.5198	-51.8225
12.95071	16.5879	4016.4	144.7861	41.28226	13.33404	22.28131	3016.4	151.5554	55.28238
12.6901	16.84851	4016.4	141.1952	66.58707	12.73254	22.88281	3016.4	145.4976	46.64439
12.64607	16.89254	4016.4	140.5795	69.87192	12.0899	23.52545	3016.4	138.7334	37.49486
12.17916	17.35945	4016.4	133.7659	92.75193	12.07038	23.54498	3016.4	138.5228	37.22753
12.04745	17.49116	4016.4	130.3855	107.1412	11.62749	23.98786	3016.4	133.3089	68.16939
11.79882	17.73979	4016.4	123.753	130	11.32286	24.29249	3016.4	129.1023	92
11.56117	17.97744	4016.4	111.0146	184	10.85595	24.7594	3016.4	122.2887	130
11.02777	18.51084	4016.4	93.24003	804	10.47561	25.13975	3016.4	112.2757	184
10.98202	18.55658	3999.4	93.05343	867.6613	10.23796	25.3774	3016.4	99.53731	804
10.17052	19.36809	3697.823	89.74311	1997.003	10.21297	25.40239	3016.4	98.77608	1066.675
8.336905	21.2017	3016.4	81.76279	3337	9.704556	25.9108	3016.4	81.76279	3337
5.600325	23.93828	1999.4	80.57825	3221.201	6.508626	29.10673	1999.4	80.57825	3221.201
0.441992	29.09662	82.4	78.34543	3002.924	0.484439	35.13091	82.4	78.34543	3002.924
0.398939	29.13967	66.4	78.32638	3001	0.434159	35.18119	66.4	78.32638	3001
0.264478	29.27413	16.4	0	0	0.264478	35.35088	16.4	0	0
0.259081	29.27953	16.4	18.01998	0	0.259081	35.35627	16.4	18.01998	0
0.242888	29.29572	16.4	36.03996	0	0.242888	35.37247	16.4	36.03996	0
0.215901	29.32271	16.4	54.05993	0	0.215901	35.39945	16.4	54.05993	0
0.178118	29.36049	16.4	72.07991	0	0.178118	35.43724	16.4	72.07991	0
0.12954	29.40907	16.4	90.09989	0	0.12954	35.48581	16.4	90.09989	0
0.070168	29.46844	16.4	108.1199	0	0.070168	35.54519	16.4	108.1199	0
0	29.53861	16.4	0	0	0	35.61535	16.4	0	0
0	29.53861	16.4	126.1398	0	0	35.61535	16.4	126.1398	0

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

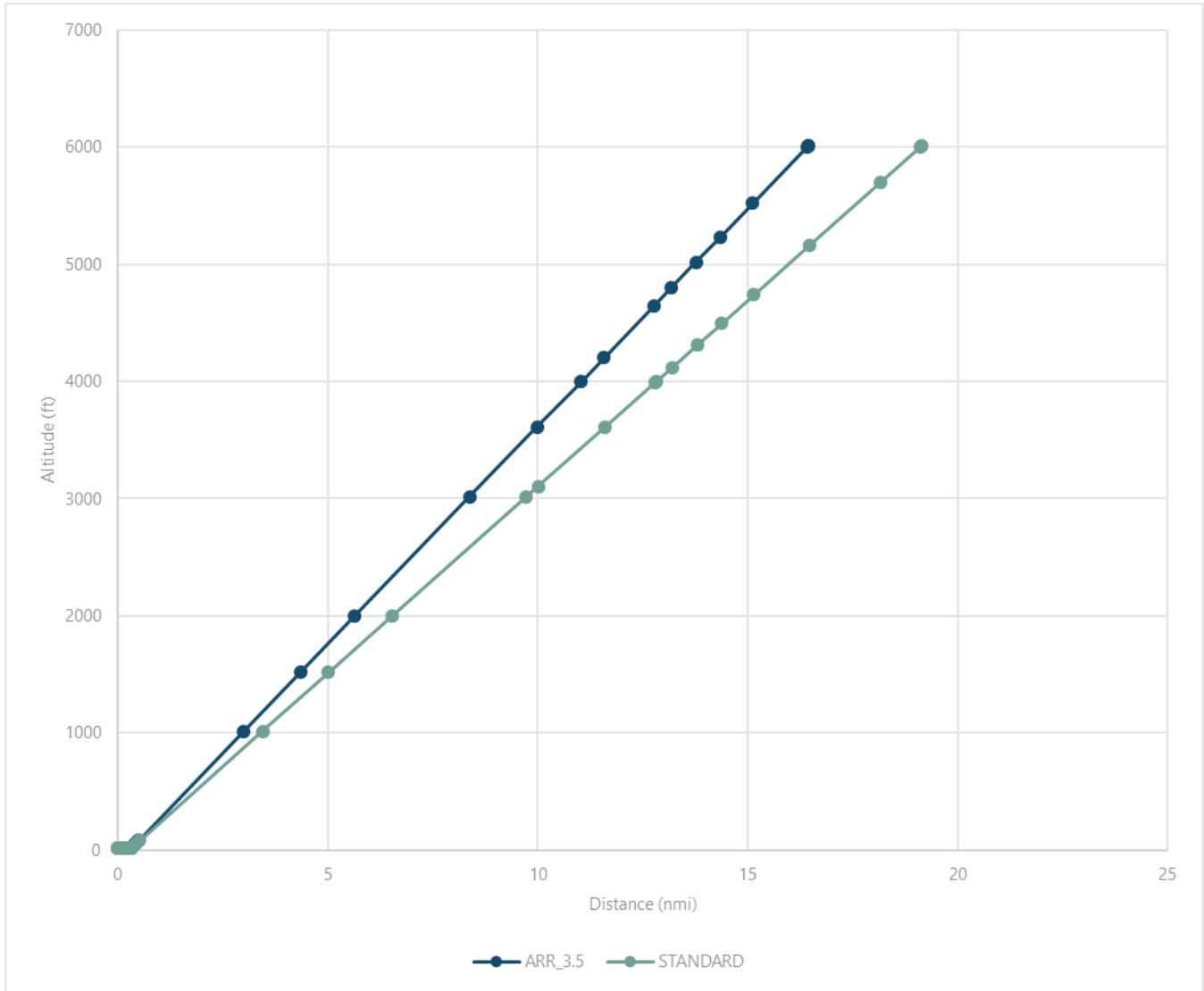
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

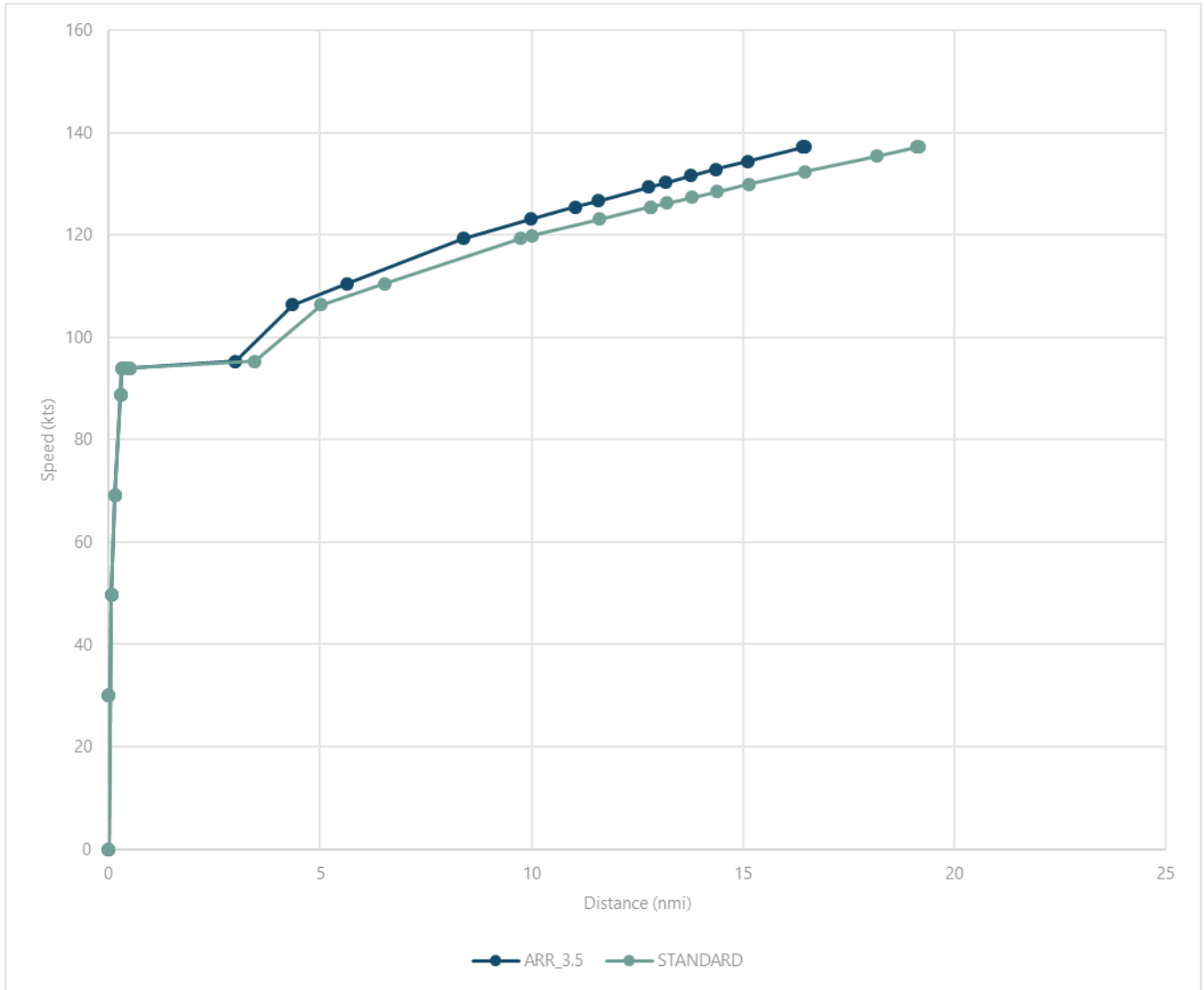
EXHIBIT C-76 BEC58P ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

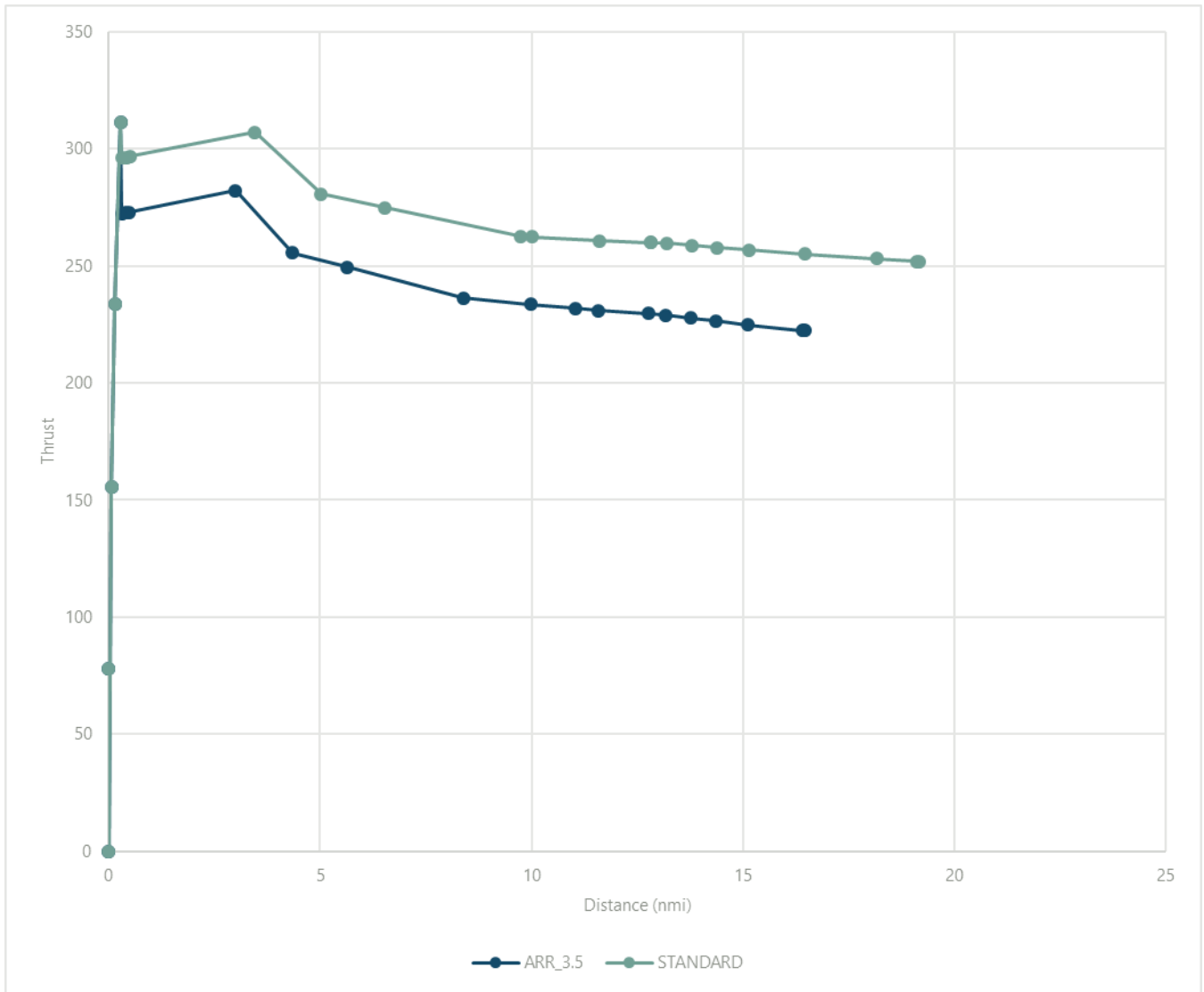
EXHIBIT C-77 BEC58P SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-78 BEC58P THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-27 BEC58P PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.45577	0	6016.4	137.203	222.4175	19.15283	0	6016.4	137.203	251.9654
16.43832	0.017447	6009.916	137.1669	222.4484	19.09945	0.053386	5999.4	137.1077	252.0276
16.41002	0.045744	5999.4	137.1077	222.5019	18.15562	0.997213	5698.852	135.4221	253.1277
15.11907	1.336698	5519.641	134.4066	224.9426	16.46799	2.684846	5161.449	132.3535	255.0826
14.35507	2.100694	5235.717	132.7818	226.4674	15.14874	4.004097	4741.353	129.9043	256.749
13.77086	2.684909	5018.604	131.5258	227.7717	14.38474	4.768093	4498.069	128.4645	257.797
13.17666	3.279109	4797.781	130.2359	229.0227	13.80052	5.352308	4312.034	127.3526	258.7135
12.77669	3.679072	4649.142	129.3604	229.6051	13.20632	5.946507	4122.82	126.2116	259.6529
11.57726	4.878508	4203.395	126.6988	230.9934	12.81874	6.334088	3999.4	125.4617	259.9433
11.02834	5.427425	3999.4	125.45	231.8883	12.80636	6.346471	3995.457	125.4378	259.9526
9.98261	6.473155	3610.774	123.0709	233.593	11.60693	7.545907	3613.514	123.0879	260.7129
8.383245	8.07252	3016.4	119.3216	236.2728	10.01228	9.140554	3105.721	119.8925	262.4264
5.646661	10.8091	1999.4	110.4923	249.3728	9.731779	9.421054	3016.4	119.3216	262.7408
4.346985	12.10878	1516.4	106.2991	255.5943	6.538041	12.61479	1999.4	110.4923	274.9125
3.001565	13.4542	1016.4	95.28722	282.3113	5.021252	14.13158	1516.4	106.2991	280.6932
0.48832	15.96745	82.4	93.9123	272.9327	3.451076	15.70176	1016.4	95.28722	307.0144
0.407358	16.04841	52.31176	93.86768	272.6251	0.517988	18.63484	82.4	93.9123	296.8152
0.310725	16.14504	16.4	93.81438	272.2578	0.4235	18.72933	52.31176	93.86768	296.4807
0.279652	16.17611	16.4	88.69428	311.6	0.310725	18.84211	16.4	93.81438	296.0812
0.155795	16.29997	16.4	69.16831	233.7	0.279652	18.87318	16.4	88.69428	311.6
0.062578	16.39319	16.4	49.64235	155.8	0.155795	18.99704	16.4	69.16831	233.7
0	16.45577	16.4	0	0	0.062578	19.09025	16.4	49.64235	155.8
0	16.45577	16.4	30.11638	77.9	0	19.15283	16.4	0	0
					0	19.15283	16.4	30.11638	77.9

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

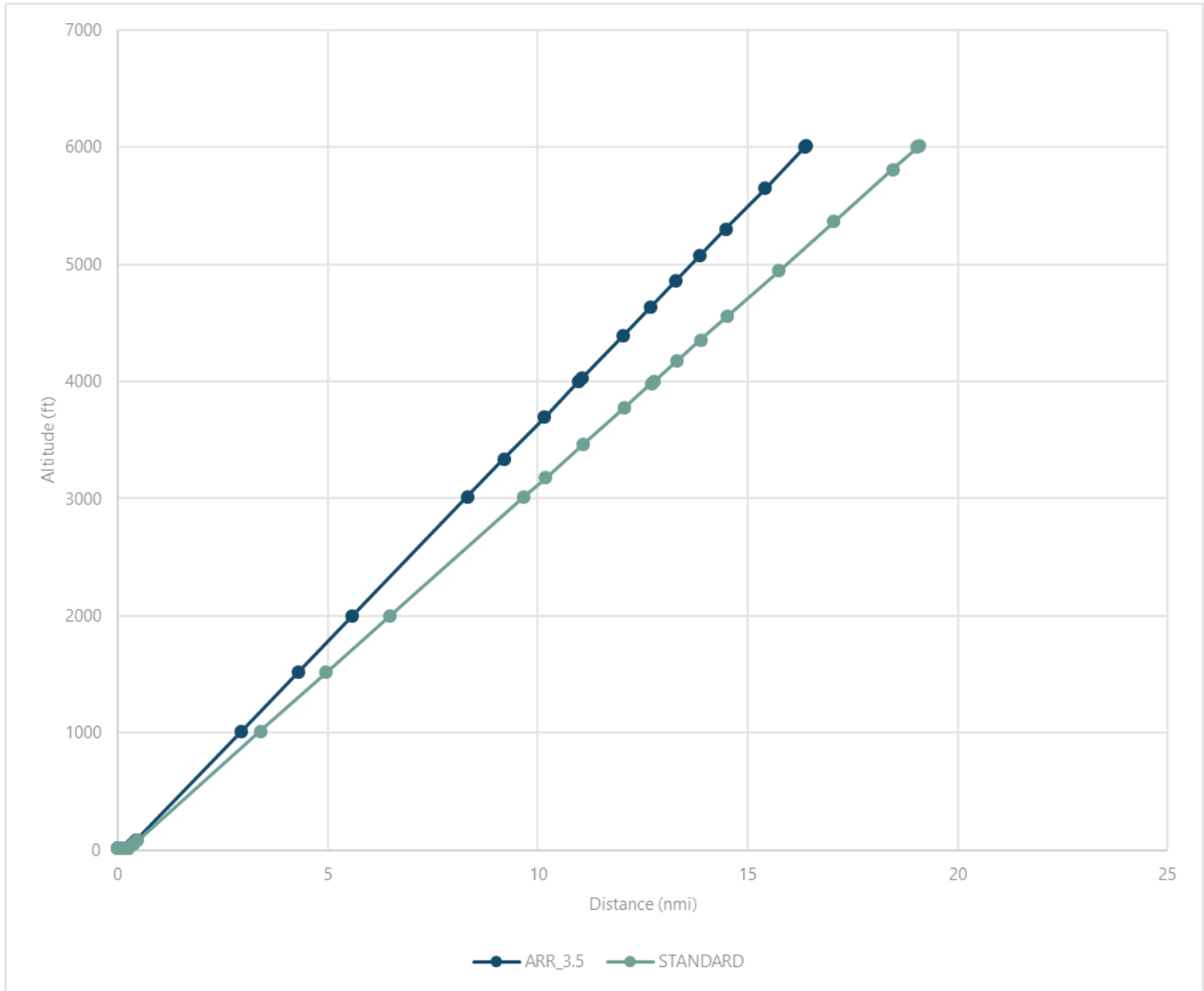
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

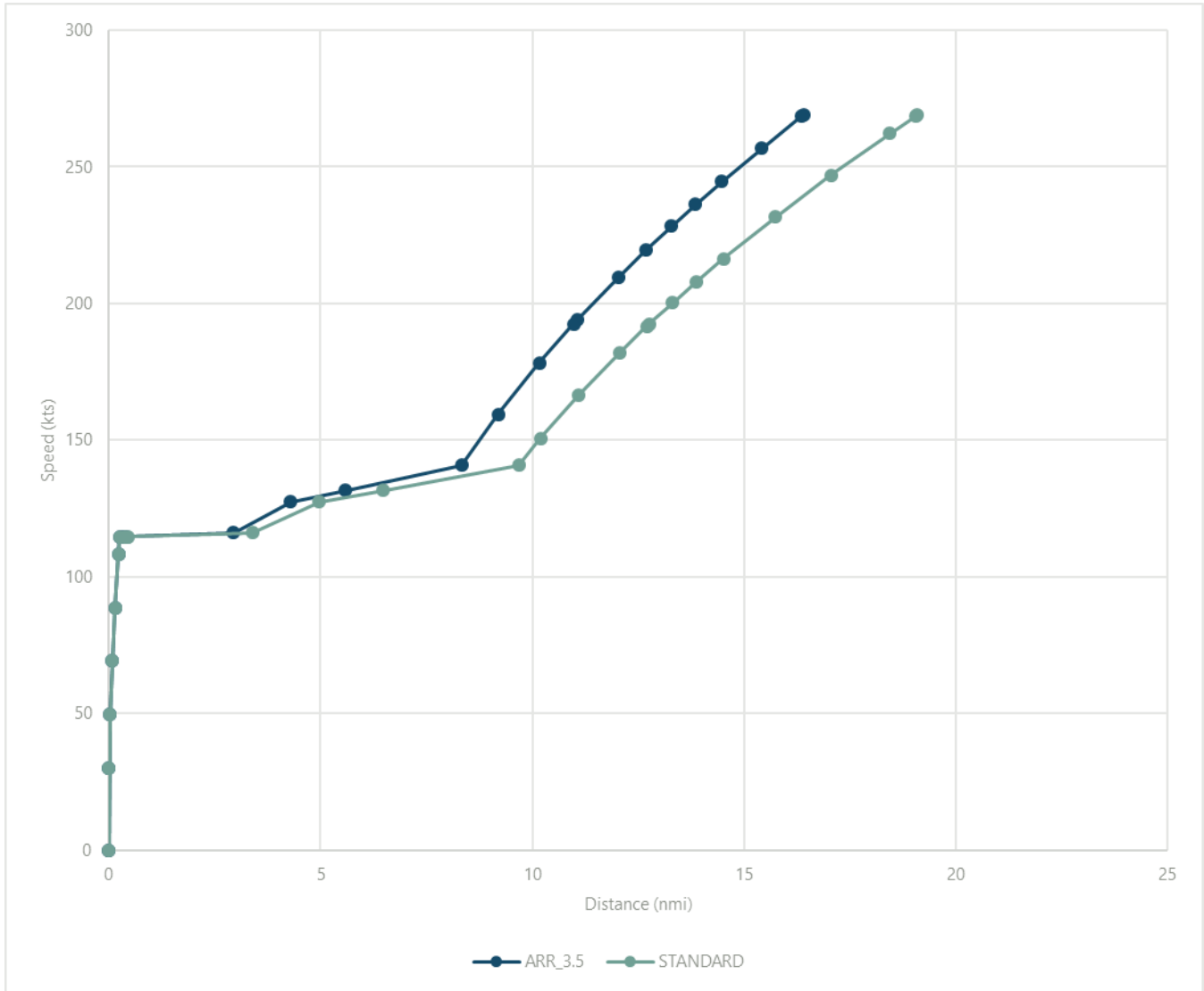
EXHIBIT C-79 CIT3 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

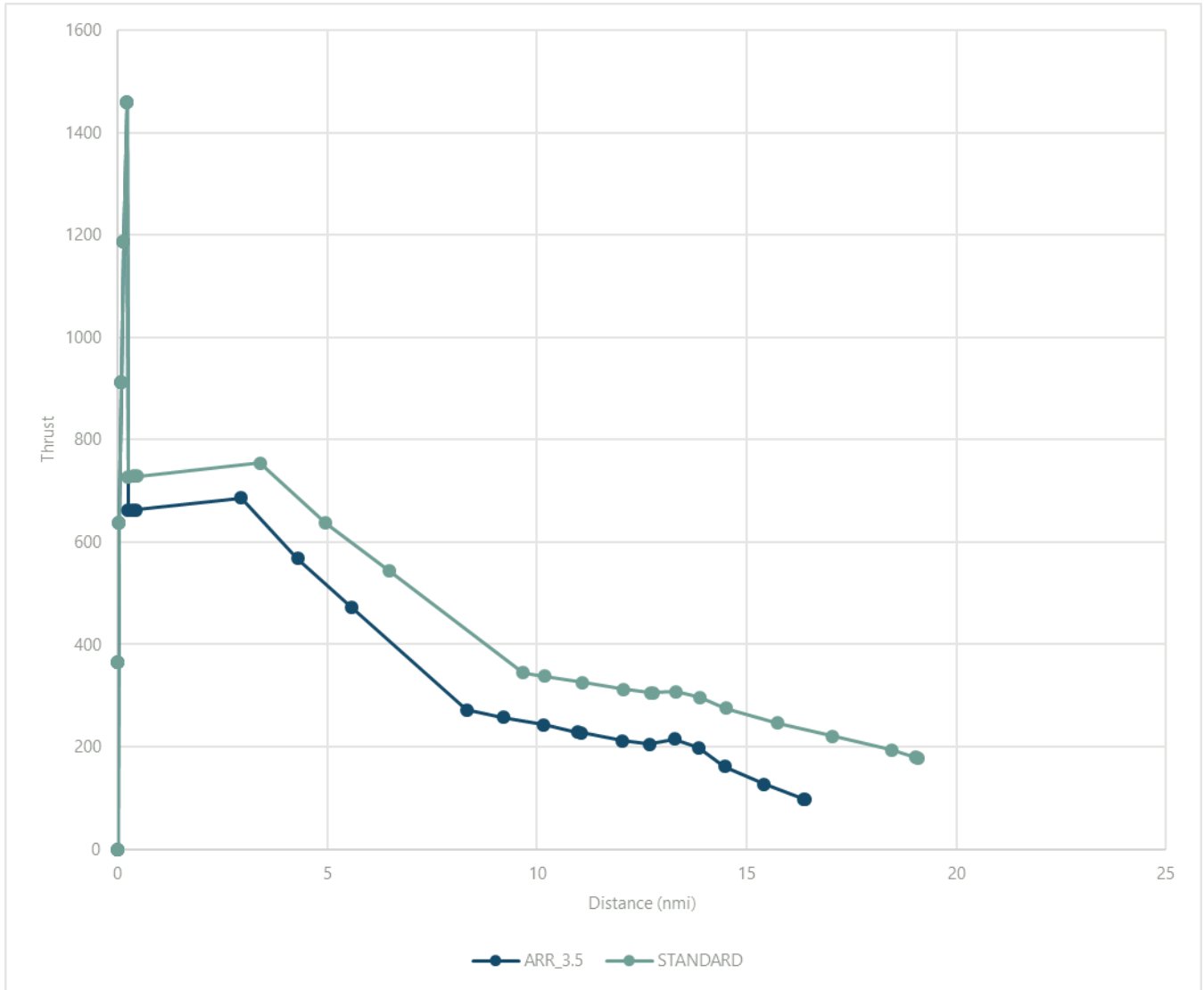
EXHIBIT C-80 CIT3 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-81 CIT3 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

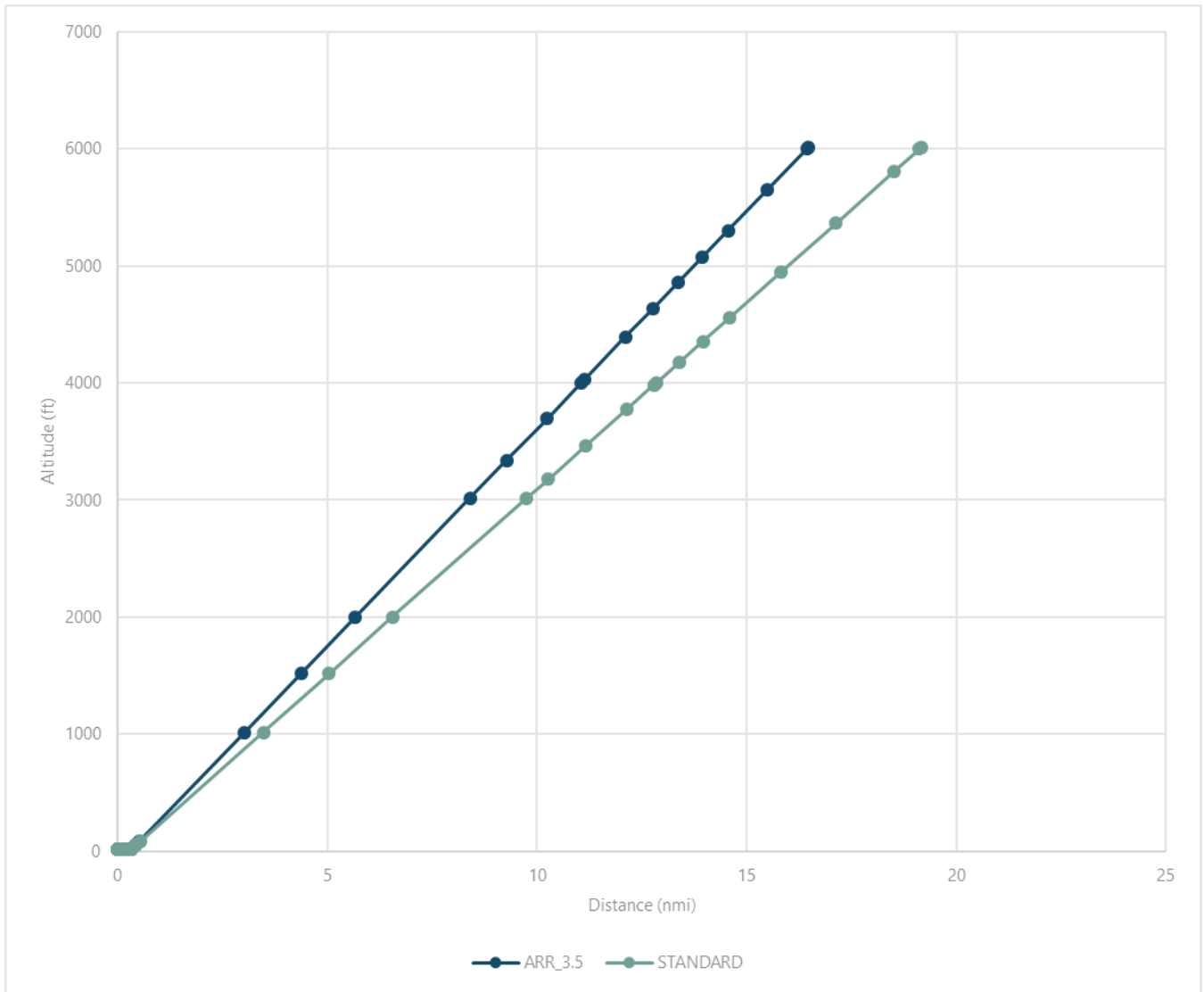
TABLE C-28 CIT3 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.39833	0	6016.4	268.9935	96.41143	19.09539	0	6016.4	268.9935	177.8411
16.35258	0.045744	5999.4	268.4275	97.83328	19.04201	0.053386	5999.4	268.4332	179.2141
15.4154	0.982924	5651.115	256.8312	126.9633	18.44704	0.648352	5809.942	262.1888	194.5156
14.47795	1.920378	5302.728	244.6689	161.5373	17.04992	2.045474	5365.048	246.8885	220.3584
13.85267	2.545655	5070.355	236.2088	198.389	15.73678	3.358616	4946.897	231.5883	246.5427
13.28048	3.117843	4857.712	228.1924	215.4583	14.50762	4.587777	4555.488	216.2881	275.2346
12.67899	3.719342	4634.177	219.4498	205.5484	13.88234	5.213053	4356.378	208.0736	296.2737
12.03634	4.361986	4395.35	209.7068	211.6353	13.31015	5.785242	4174.172	200.2615	307.7959
11.0598	5.338528	4032.437	193.9671	227.3486	12.76131	6.334088	3999.4	192.4552	305.72
10.9709	5.427425	3999.4	192.4131	228.9224	12.70865	6.38674	3982.634	191.7063	305.5209
10.15941	6.238917	3697.824	178.2274	243.2888	12.06601	7.029385	3777.993	182.1223	311.9553
9.18889	7.209438	3337.148	159.532	257.5242	11.08321	8.012181	3465.035	166.4014	325.1257
8.325807	8.07252	3016.4	140.8366	271.7595	10.18908	8.906316	3180.311	150.6805	338.1623
5.589223	10.8091	1999.4	131.685	472.3392	9.67434	9.421054	3016.4	140.8366	345.1592
4.289547	12.10878	1516.4	127.3387	567.5997	6.480603	12.61479	1999.4	131.685	543.139
2.944127	13.4542	1016.4	116.1718	685.7624	4.963814	14.13158	1516.4	127.3387	637.1648
0.430882	15.96745	82.4	114.5436	662.9834	3.393638	15.70176	1016.4	116.1718	754.1827
0.34992	16.04841	52.31176	114.4908	662.2363	0.46055	18.63484	82.4	114.5436	729.1304
0.253287	16.14504	16.4	114.4277	661.3441	0.366062	18.72933	52.31176	114.4908	728.3087
0.227958	16.17037	16.4	108.2699	1460	0.253287	18.84211	16.4	114.4277	727.3275
0.14683	16.2515	16.4	88.73154	1186.25	0.227958	18.86744	16.4	108.2699	1460
0.081794	16.31653	16.4	69.19316	912.5	0.14683	18.94856	16.4	88.73154	1186.25
0.032851	16.36548	16.4	49.65477	638.75	0.081794	19.0136	16.4	69.19316	912.5
0	16.39833	16.4	0	0	0.032851	19.06254	16.4	49.65477	638.75
0	16.39833	16.4	30.11638	365	0	19.09539	16.4	0	0
					0	19.09539	16.4	30.11638	365

NOTES:

- AFE – Airport Field Elevation
 - Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
 - Distance – cumulative distance starting at the approach end of Runway 27
 - FT. – feet
 - KTS - knots
 - LBS – pounds
 - NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

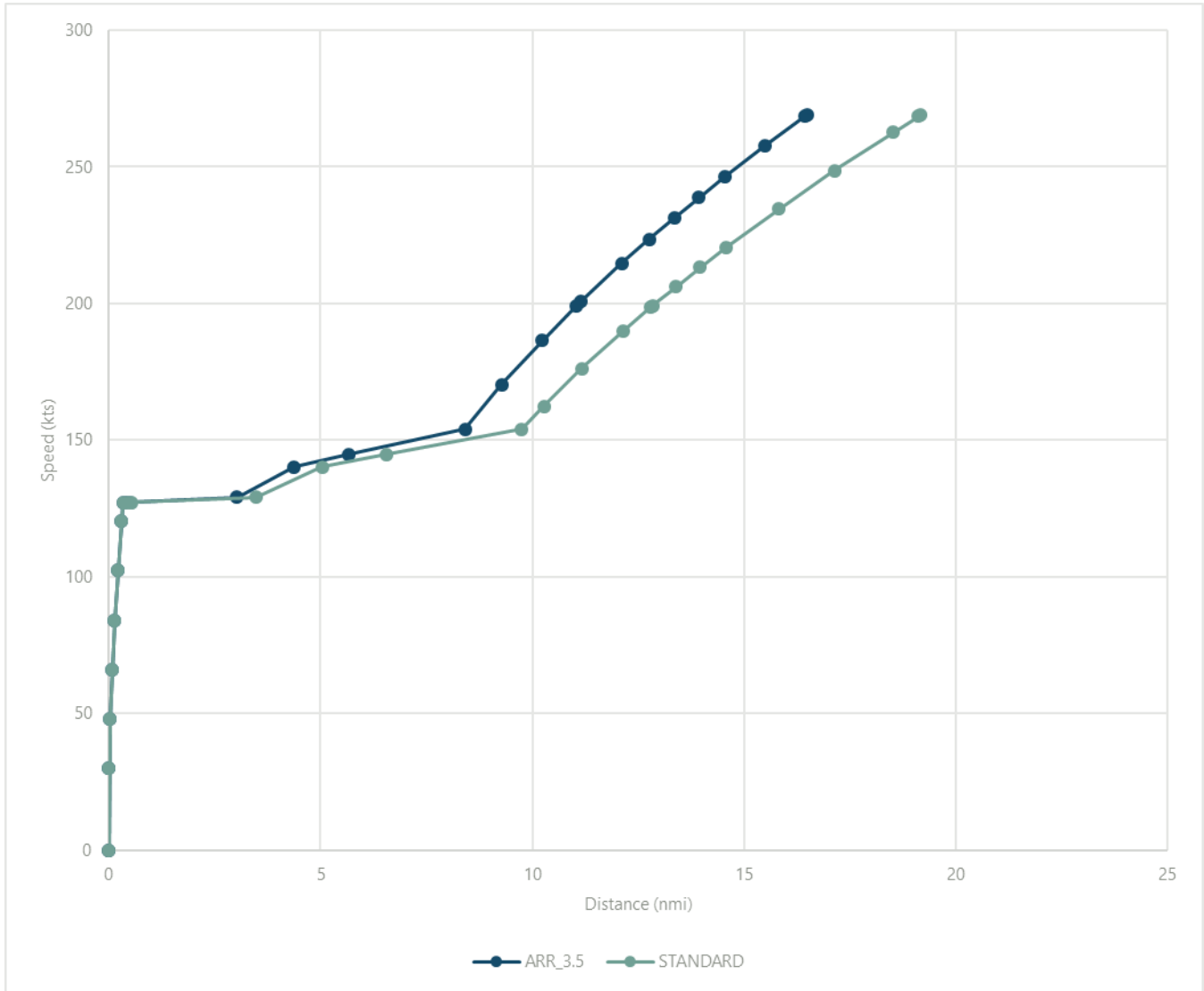
EXHIBIT C-82 CL600 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

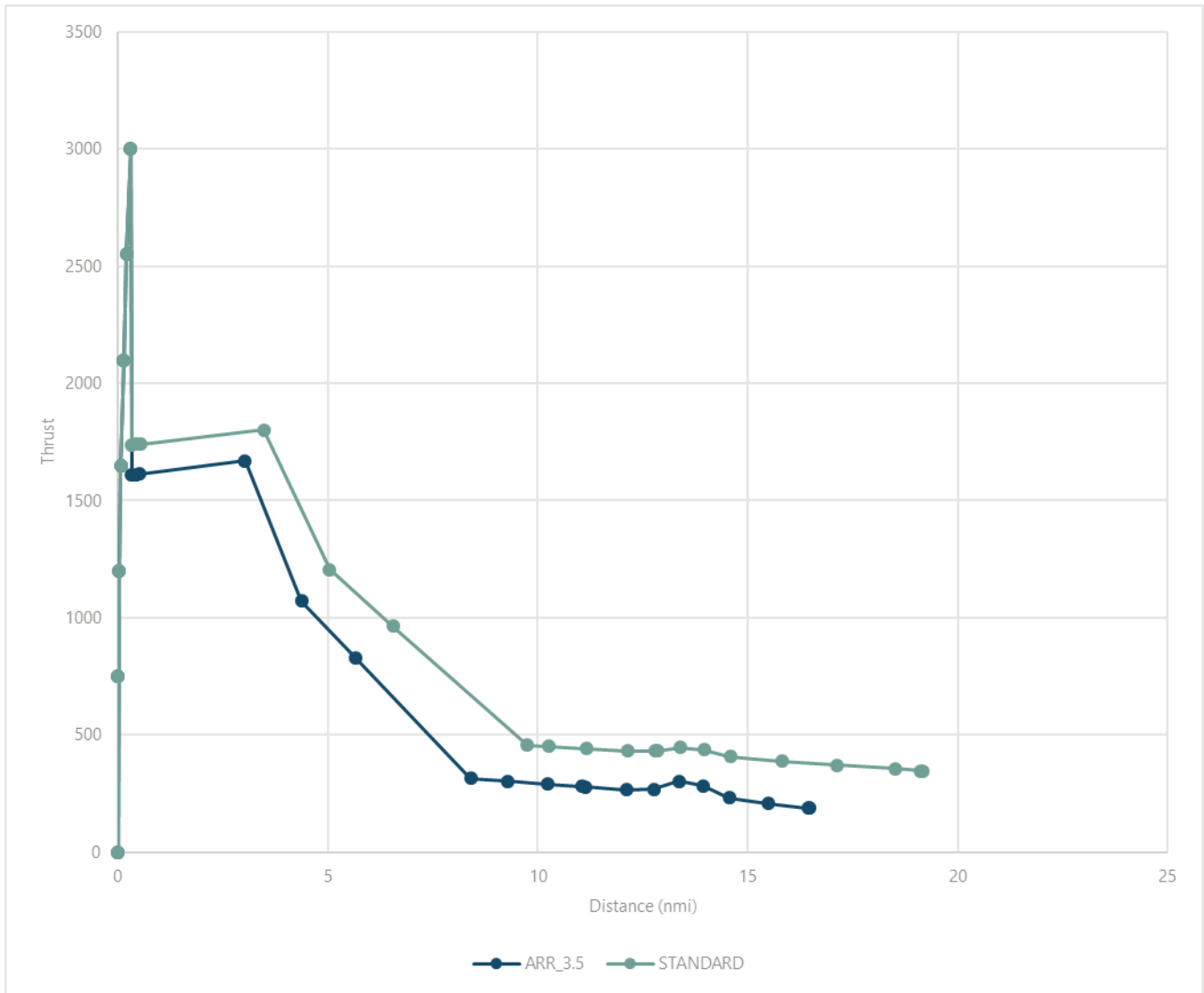
EXHIBIT C-83 CL600 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-84 CL600 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-29 CL600 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.47683	0	6016.4	268.9935	187.1516	19.1739	0	6016.4	268.9935	345.221
16.43109	0.045744	5999.4	268.4705	188.0297	19.12051	0.053386	5999.4	268.4753	346.0152
15.49575	0.981082	5651.799	257.7755	205.9837	18.52555	0.648352	5809.942	262.7	354.8659
14.55645	1.920378	5302.728	246.5574	232.3879	17.13621	2.037684	5367.529	248.6782	370.642
13.93118	2.545655	5070.355	238.7978	283.8029	15.82307	3.350826	4949.377	234.6563	387.0729
13.35899	3.117843	4857.712	231.4691	301.4143	14.58612	4.587777	4555.488	220.6345	408.3708
12.75749	3.719342	4634.177	223.506	268.6131	13.96084	5.213053	4356.378	213.1959	436.2963
12.11485	4.361986	4395.35	214.6721	266.0405	13.38866	5.785242	4174.172	206.1537	447.467
11.14342	5.333414	4034.337	200.5816	277.7722	12.83981	6.334088	3999.4	199.1532	432.8012
11.04941	5.427425	3999.4	199.1187	279.0303	12.78716	6.38674	3982.634	198.4817	431.3943
10.23791	6.238917	3697.824	186.491	289.89	12.14451	7.029385	3777.993	189.9427	431.9134
9.27746	7.199372	3340.889	170.2757	301.821	11.16945	8.004453	3467.496	176.1982	441.4802
8.404311	8.07252	3016.4	154.0604	313.752	10.26758	8.906316	3180.311	162.4537	450.6698
5.667727	10.8091	1999.4	144.7107	826.9333	9.752845	9.421054	3016.4	154.0604	456.0194
4.368051	12.10878	1516.4	140.2703	1070.657	6.559107	12.61479	1999.4	144.7107	964.1408
3.022631	13.4542	1016.4	129.0082	1668.785	5.042318	14.13158	1516.4	140.2703	1205.461
0.509386	15.96745	82.4	127.1289	1613.341	3.472142	15.70176	1016.4	129.0082	1801.333
0.428424	16.04841	52.31176	127.0679	1611.523	0.539054	18.63484	82.4	127.1289	1741.487
0.331791	16.14504	16.4	126.9951	1609.351	0.444566	18.72933	52.31176	127.0679	1739.524
0.298612	16.17822	16.4	120.2161	3000	0.331791	18.84211	16.4	126.9951	1737.18
0.210254	16.26658	16.4	102.1962	2550	0.298612	18.87529	16.4	120.2161	3000
0.136215	16.34062	16.4	84.17621	2100	0.210254	18.96364	16.4	102.1962	2550
0.076492	16.40034	16.4	66.15627	1650	0.136215	19.03768	16.4	84.17621	2100
0.031087	16.44574	16.4	48.13633	1200	0.076492	19.09741	16.4	66.15627	1650
0	16.47683	16.4	0	0	0.031087	19.14281	16.4	48.13633	1200
0	16.47683	16.4	30.11638	750	0	19.1739	16.4	0	0
					0	19.1739	16.4	30.11638	750

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

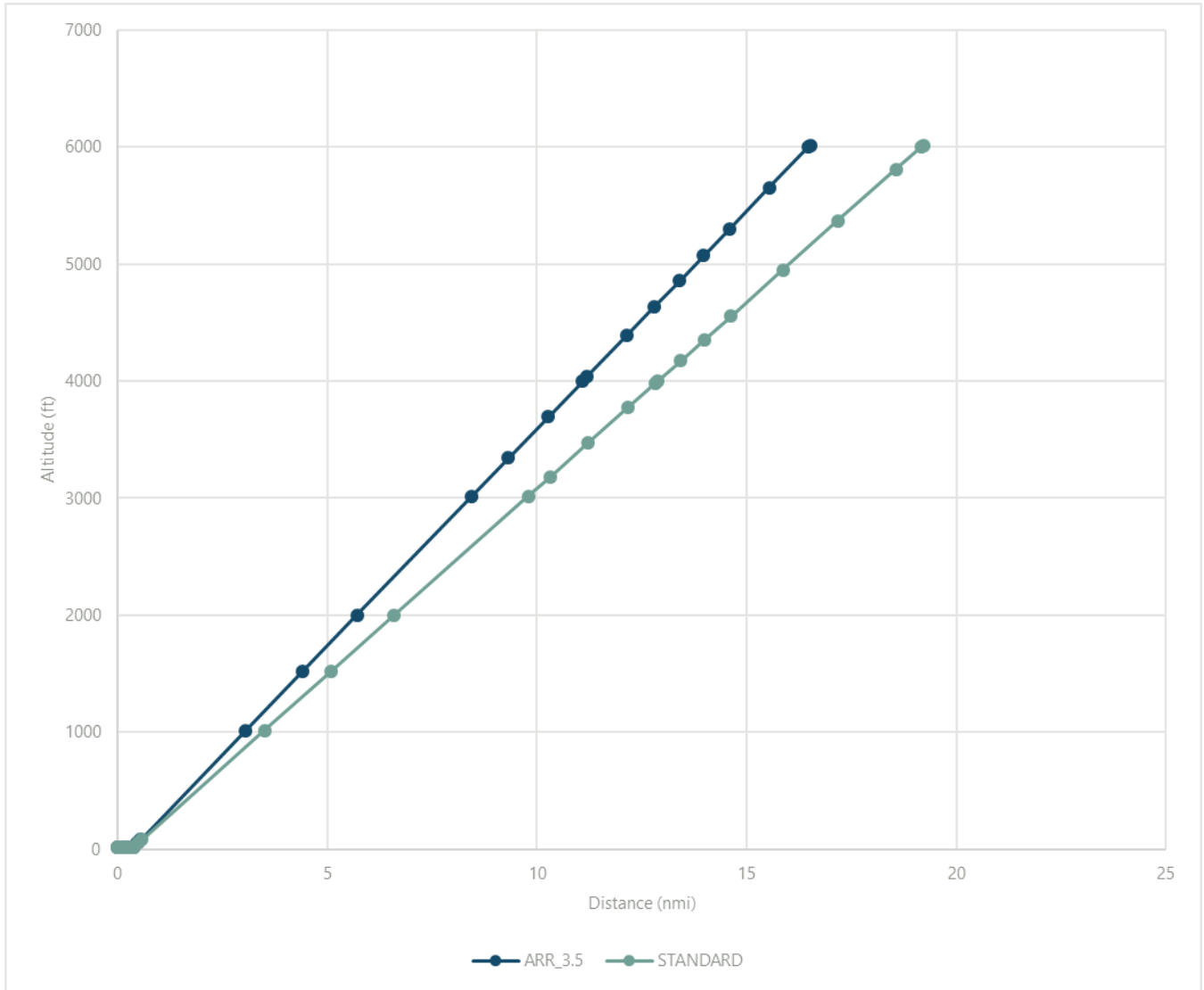
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

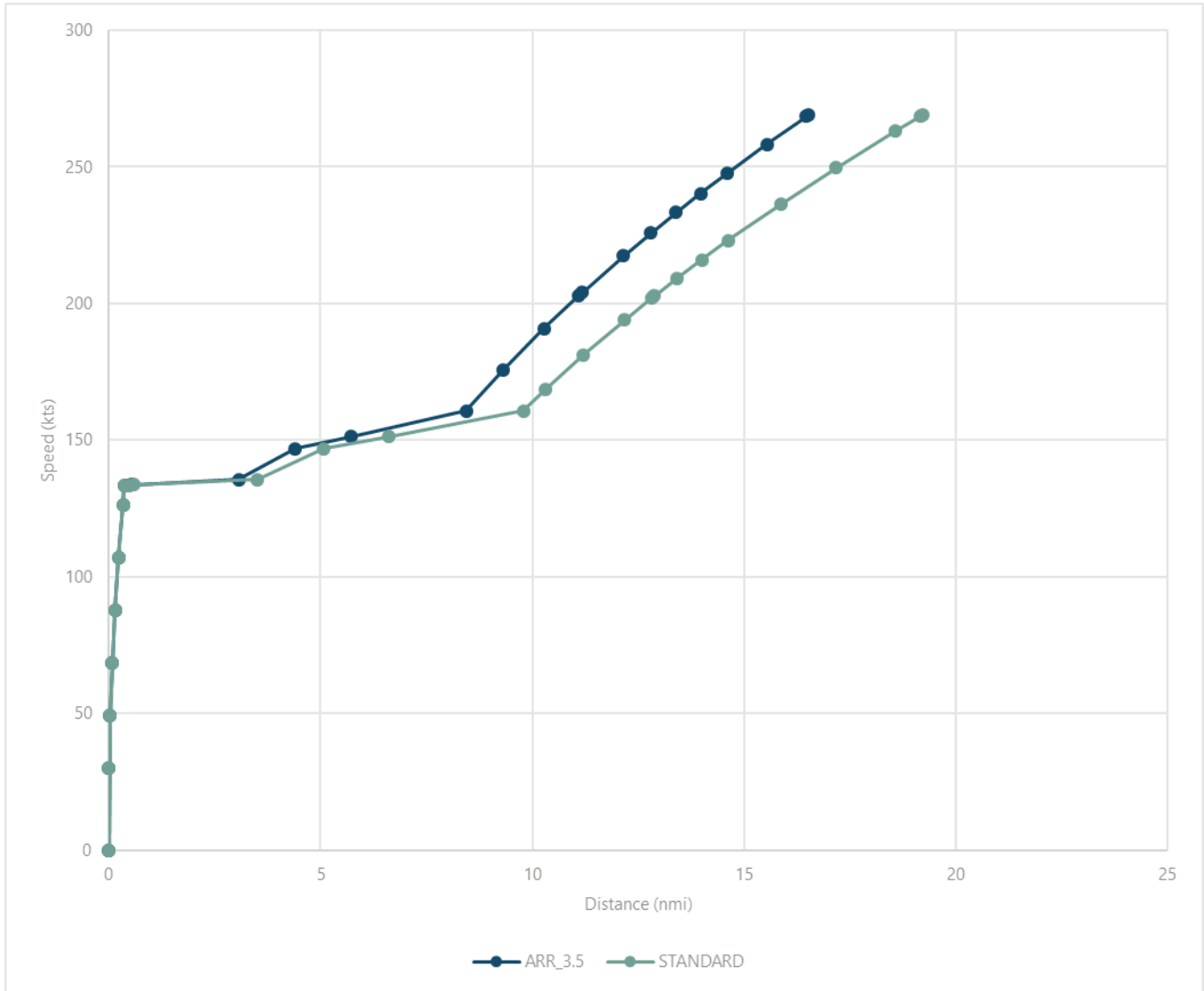
EXHIBIT C-85 CL601 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

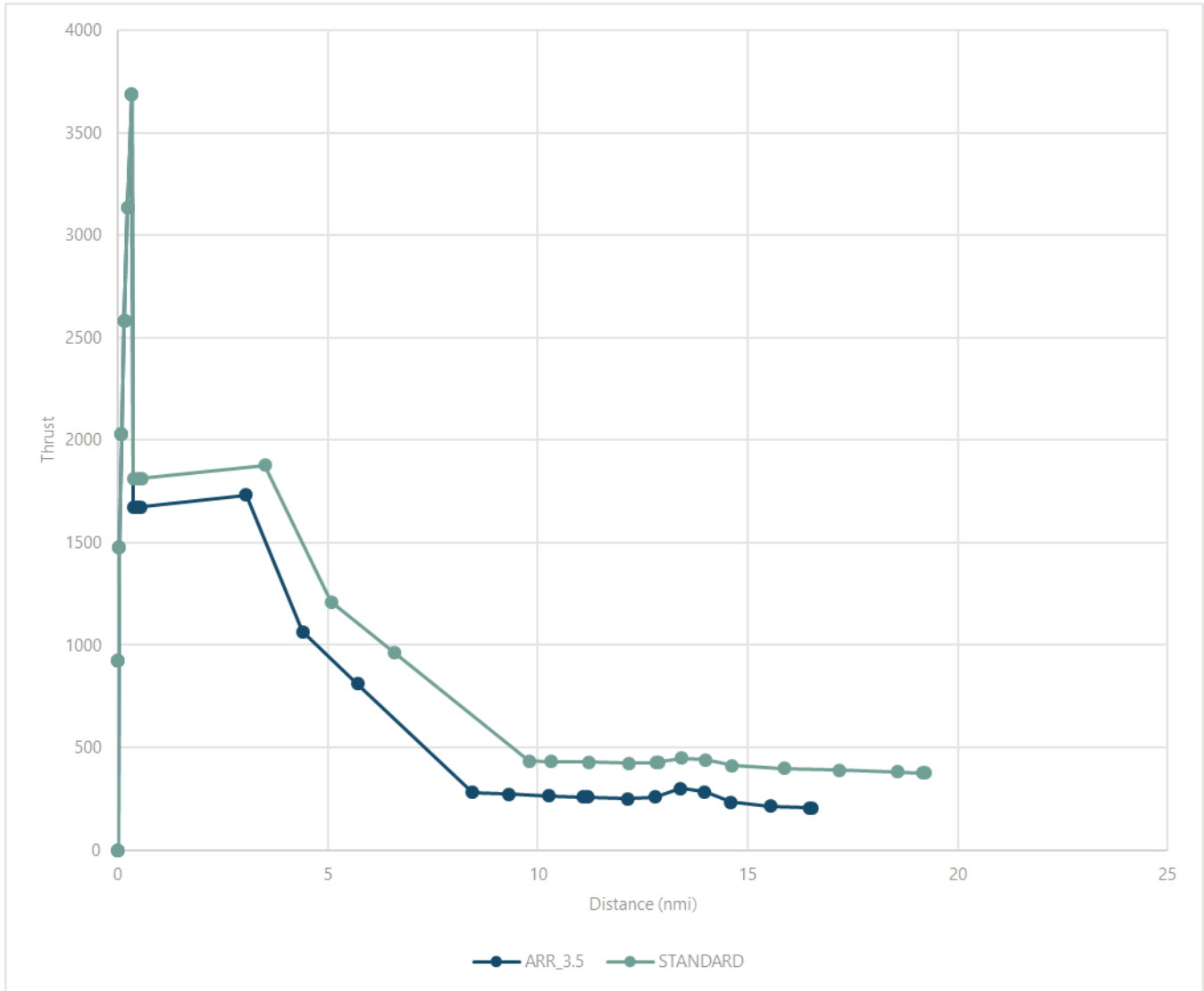
EXHIBIT C-86 CL601 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-87 CL601 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-30 CL601 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.51386	0	6016.4	268.9935	204.1654	19.21093	0	6016.4	268.9935	376.6047
16.46812	0.045744	5999.4	268.4937	204.6716	19.15754	0.053386	5999.4	268.4981	377.0462
15.53377	0.980095	5652.166	258.2845	215.0115	18.56258	0.648352	5809.942	262.9769	381.9665
14.59348	1.920378	5302.728	247.5755	234.0759	17.17734	2.033593	5368.831	249.6366	389.8995
13.96821	2.545655	5070.355	240.19	284.5861	15.86419	3.346735	4950.68	236.2963	398.5426
13.39602	3.117843	4857.712	233.2267	299.3595	14.62315	4.587777	4555.488	222.956	412.5713
12.79452	3.719342	4634.177	225.6752	259.1679	13.99788	5.213053	4356.378	215.9228	439.5315
12.15188	4.361986	4395.35	217.3173	251.714	13.42569	5.785242	4174.172	209.2796	448.4122
11.18295	5.330912	4035.267	204.07	258.3816	12.87684	6.334088	3999.4	202.6927	428.5939
11.08644	5.427425	3999.4	202.6619	259.1323	12.82419	6.38674	3982.634	202.0608	426.6927
10.27495	6.238917	3697.824	190.8226	265.4445	12.18154	7.029385	3777.993	194.0518	423.2339
9.318972	7.19489	3342.555	175.7999	273.1843	11.21	8.000928	3468.619	181.2731	428.3561
8.441342	8.07252	3016.4	160.7773	280.9241	10.30461	8.906316	3180.311	168.4945	432.9849
5.704757	10.8091	1999.4	151.327	812.177	9.789875	9.421054	3016.4	160.7773	436.0206
4.405081	12.10878	1516.4	146.8388	1064.483	6.596138	12.61479	1999.4	151.327	961.7477
3.059661	13.4542	1016.4	135.5282	1731.97	5.079348	14.13158	1516.4	146.8388	1211.429
0.546417	15.96745	82.4	133.6115	1674.433	3.509172	15.70176	1016.4	135.5282	1876.44
0.465454	16.04841	52.31176	133.5493	1672.546	0.576084	18.63484	82.4	133.6115	1814.104
0.368821	16.14504	16.4	133.475	1670.293	0.481597	18.72933	52.31176	133.5493	1812.06
0.331939	16.18192	16.4	126.3398	3688	0.368821	18.84211	16.4	133.475	1809.618
0.232887	16.28097	16.4	107.0951	3134.8	0.331939	18.87899	16.4	126.3398	3688
0.150168	16.36369	16.4	87.85041	2581.6	0.232887	18.97804	16.4	107.0951	3134.8
0.08378	16.43008	16.4	68.60573	2028.4	0.150168	19.06076	16.4	87.85041	2581.6
0.033724	16.48014	16.4	49.36106	1475.2	0.08378	19.12715	16.4	68.60573	2028.4
0	16.51386	16.4	0	0	0.033724	19.1772	16.4	49.36106	1475.2
0	16.51386	16.4	30.11638	922	0	19.21093	16.4	0	0
					0	19.21093	16.4	30.11638	922

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

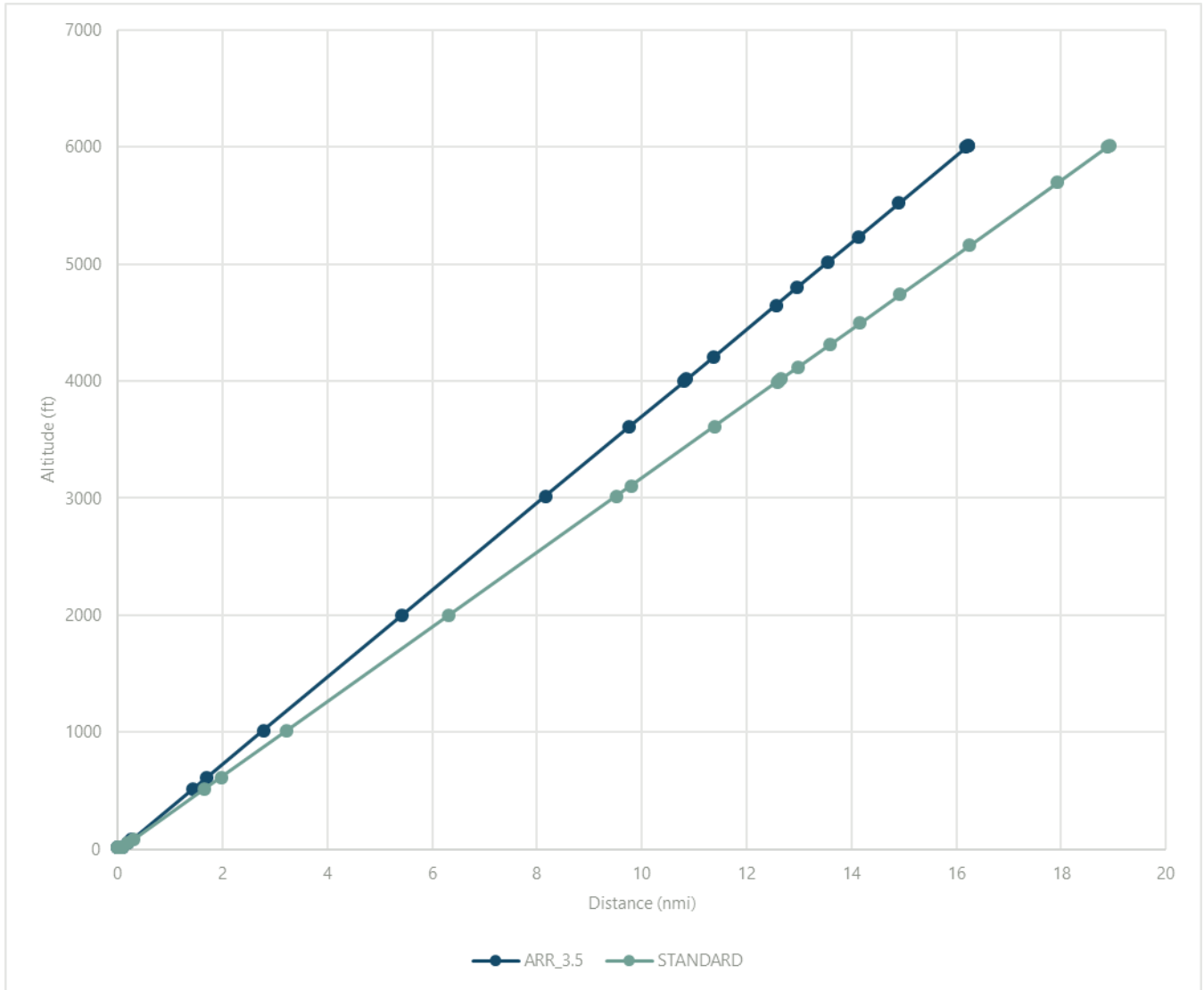
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

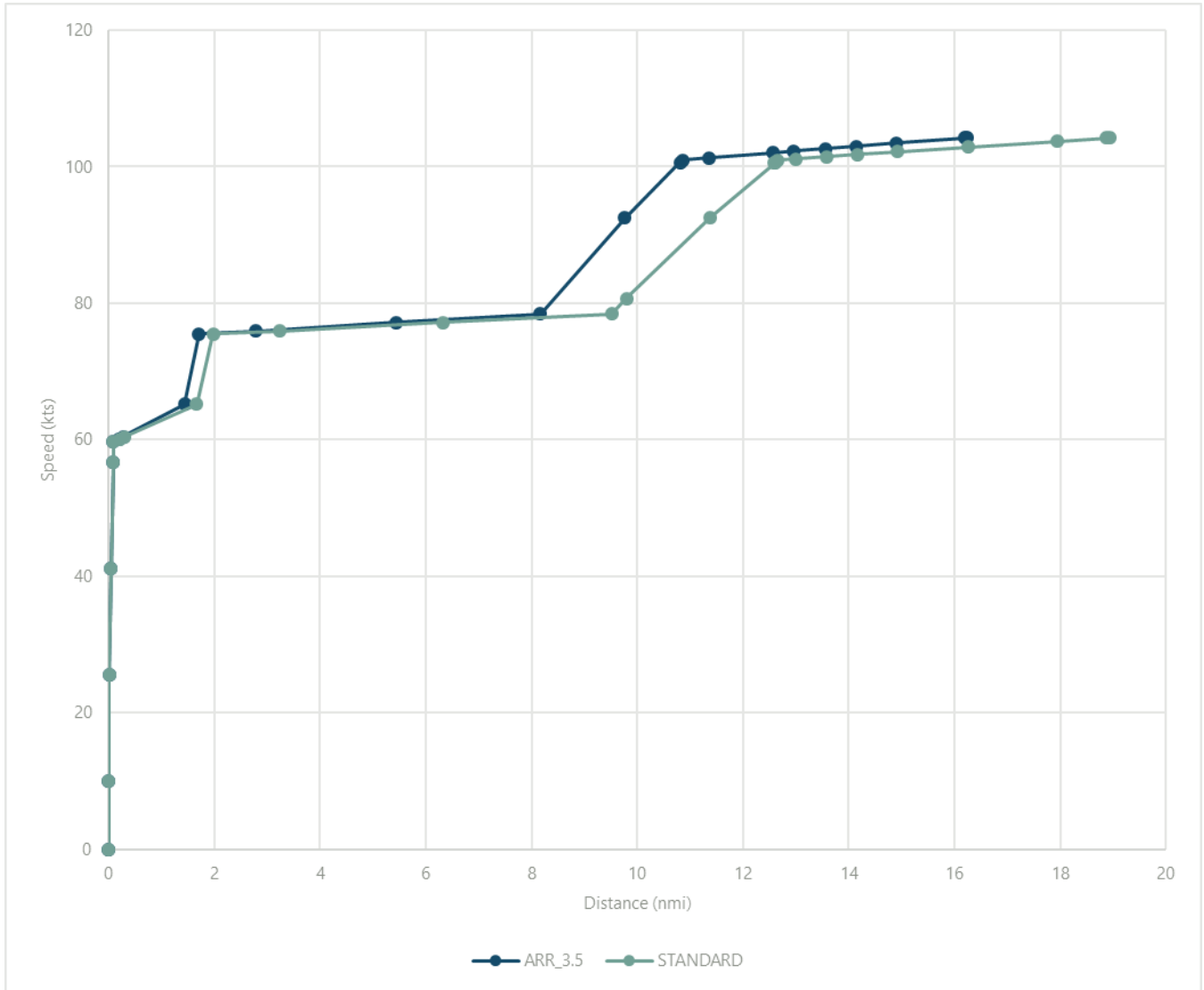
EXHIBIT C-88 CNA172 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

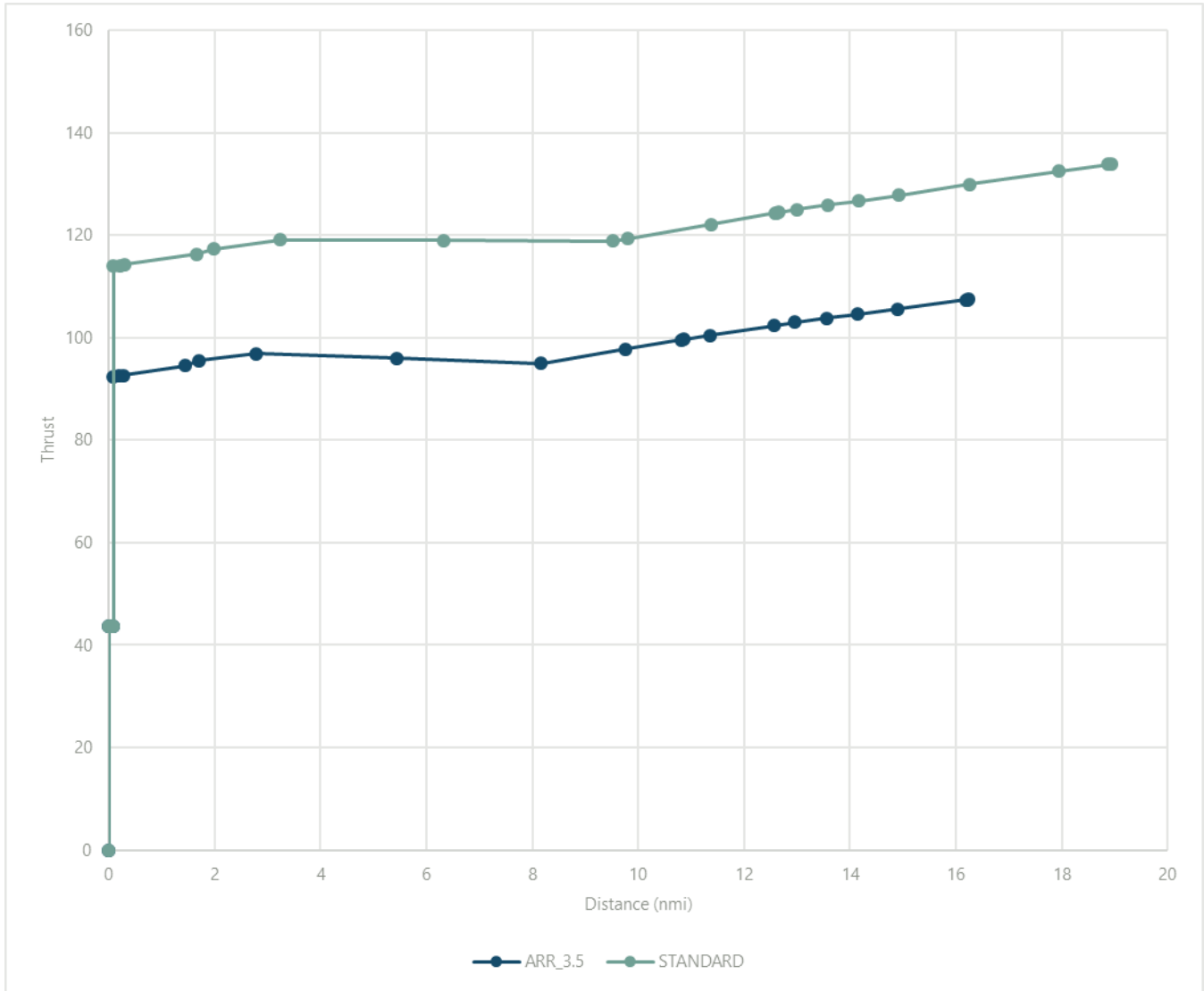
EXHIBIT C-89 CNA172 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-90 CNA172 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-31 CNA172 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.23721	0	6016.4	104.2554	107.4198	18.93427	0	6016.4	104.2554	133.8979
16.21976	0.017447	6009.916	104.2449	107.3956	18.88089	0.053386	5999.4	104.2279	133.8183
16.19146	0.045744	5999.4	104.2279	107.356	17.93706	0.997213	5698.852	103.7407	132.4118
14.90051	1.336698	5519.641	103.4491	105.5489	16.24943	2.684846	5161.449	102.8637	129.8581
14.13651	2.100694	5235.717	102.9854	104.5498	14.93017	4.004097	4741.353	102.173	127.8263
13.5523	2.684909	5018.604	102.6294	103.7848	14.16618	4.768093	4498.069	101.7708	126.7164
12.9581	3.279109	4797.781	102.266	102.985	13.58196	5.352308	4312.034	101.4622	125.8624
12.55813	3.679072	4649.142	102.0207	102.3785	12.98776	5.946507	4122.82	101.1473	124.9911
11.3587	4.878508	4203.395	101.2815	100.423	12.65357	6.280702	4016.4	100.9698	124.4409
10.85552	5.38168	4016.4	100.9698	99.6734	12.60018	6.334088	3999.4	100.6282	124.3431
10.80978	5.427425	3999.4	100.6139	99.59521	12.5878	6.346471	3995.457	100.5489	124.3204
9.76405	6.473155	3610.774	92.47811	97.8078	11.38836	7.545907	3613.514	92.53809	122.0913
8.164685	8.07252	3016.4	78.39076	95.00796	9.793717	9.140554	3105.721	80.665	119.3254
5.4281	10.8091	1999.4	77.13986	95.97834	9.513218	9.421054	3016.4	78.39076	118.8323
2.783004	13.4542	1016.4	75.93079	96.91627	6.319481	12.61479	1999.4	77.13986	118.9466
1.706668	14.53054	616.4	75.45152	95.51784	3.232515	15.70176	1016.4	75.93079	119.0571
1.437584	14.79962	516.4	65.21956	94.49254	1.976375	16.9579	616.4	75.45152	117.3392
0.26976	15.96745	82.4	60.44224	92.66773	1.66234	17.27193	516.4	65.21956	116.3319
0.188797	16.04841	52.31176	60.09697	92.54022	0.299427	18.63484	82.4	60.44224	114.2182
0.092164	16.14504	16.4	59.68225	92.38707	0.20494	18.72933	52.31176	60.09697	114.0706
0.087227	16.14998	16.4	56.67053	43.6	0.092164	18.84211	16.4	59.68225	113.8933
0.044601	16.1926	16.4	41.12662	43.6	0.087227	18.84704	16.4	56.67053	43.6
0.015526	16.22168	16.4	25.5827	43.6	0.044601	18.88967	16.4	41.12662	43.6
0	16.23721	16.4	0	0	0.015526	18.91875	16.4	25.5827	43.6
0	16.23721	16.4	10.03879	43.6	0	18.93427	16.4	0	0
					0	18.93427	16.4	10.03879	43.6

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

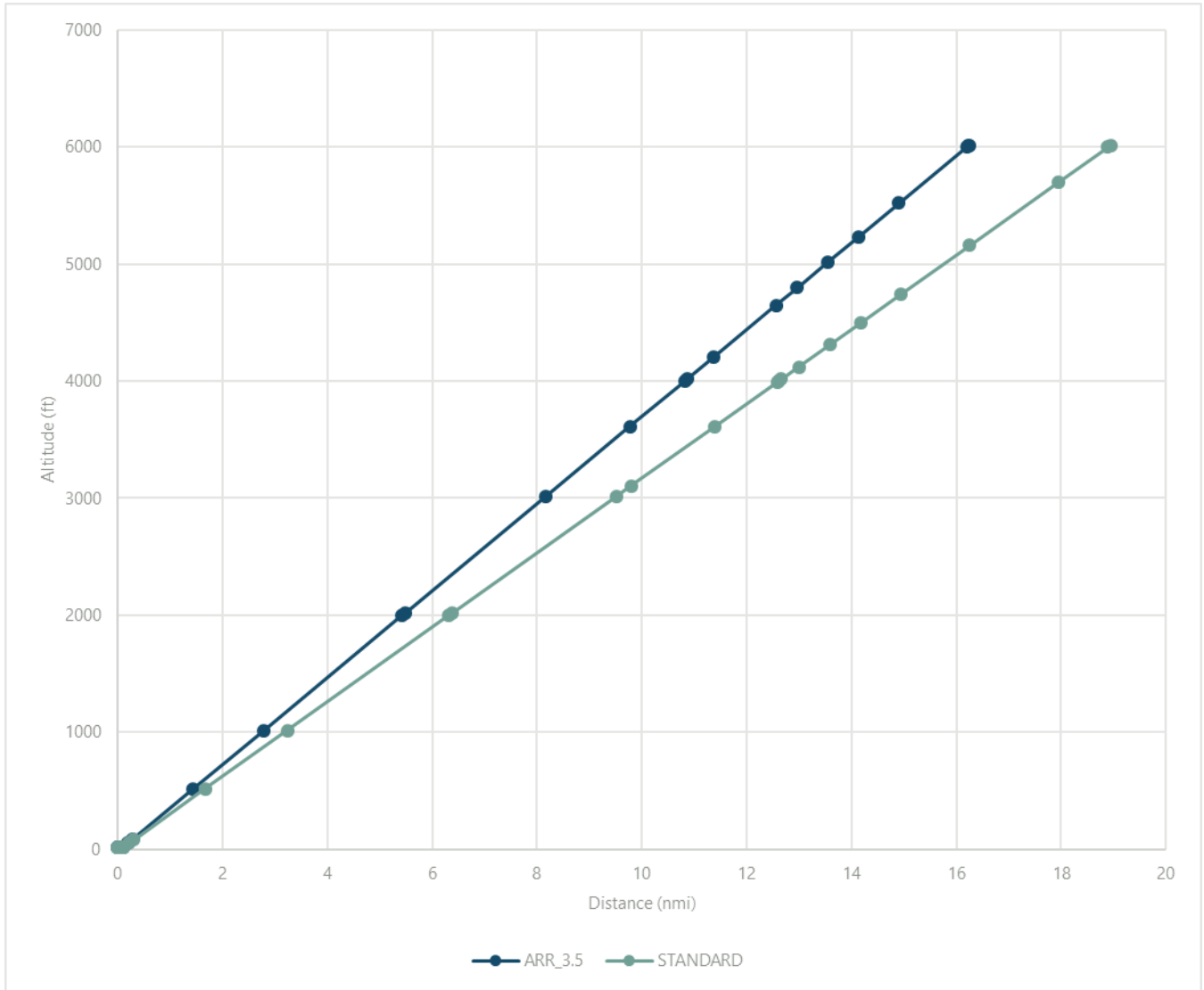
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

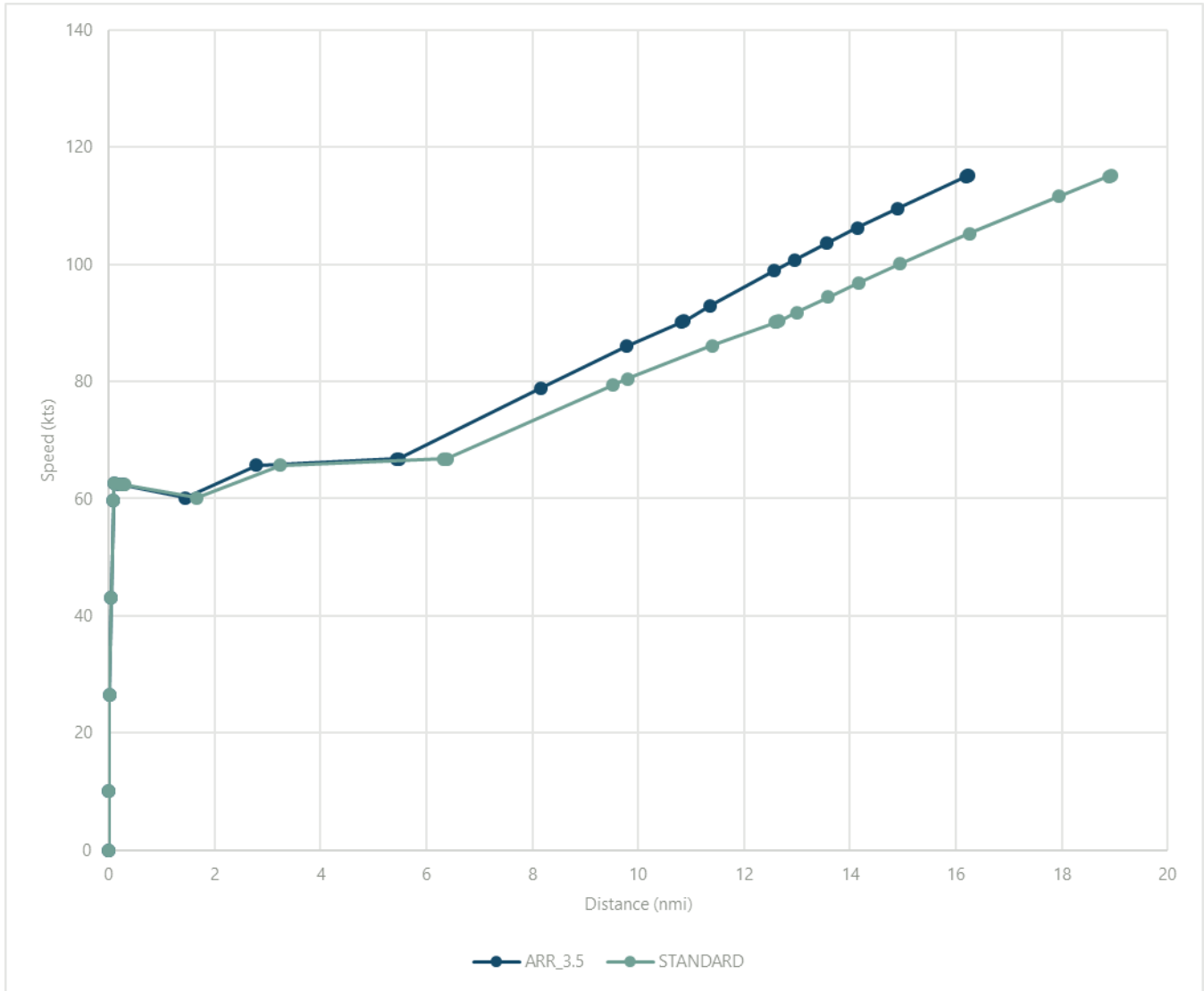
EXHIBIT C-91 CNA182 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

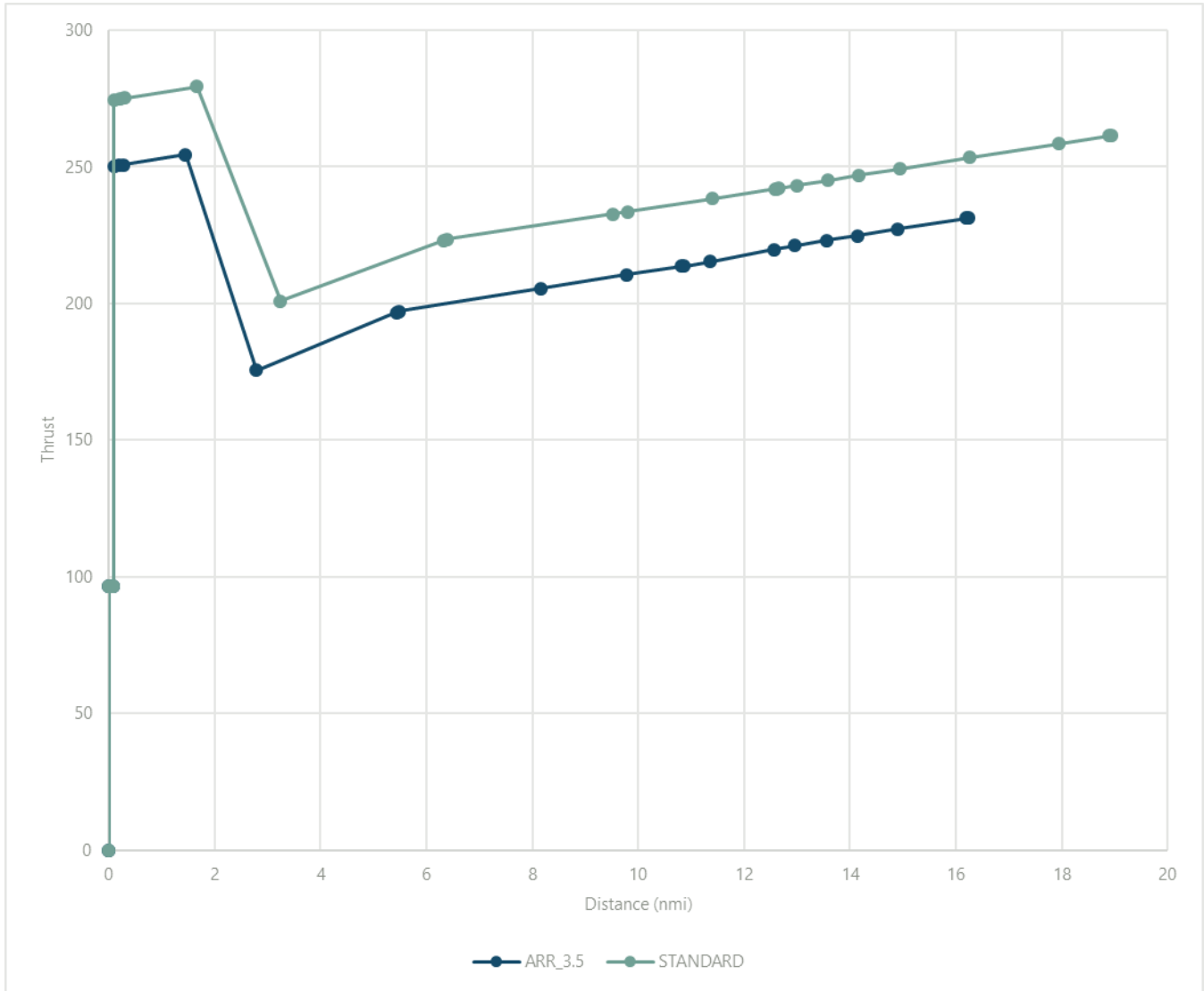
EXHIBIT C-92 CNA182 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-93 CNA182 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-32 CNA182 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.24214	0	6016.4	115.238	231.3624	18.93921	0	6016.4	115.238	261.5539
16.2247	0.017447	6009.916	115.1659	231.3073	18.88582	0.053386	5999.4	115.046	261.3917
16.1964	0.045744	5999.4	115.046	231.2187	17.942	0.997213	5698.852	111.6531	258.5237
14.90544	1.336698	5519.641	109.5782	227.1763	16.25436	2.684846	5161.449	105.3086	253.3129
14.14145	2.100694	5235.717	106.2079	224.7764	14.93511	4.004097	4741.353	100.0693	249.1636
13.55723	2.684909	5018.604	103.5568	222.9703	14.17112	4.768093	4498.069	96.90565	246.8326
12.96303	3.279109	4797.781	100.7889	221.0776	13.5869	5.352308	4312.034	94.41499	245.0198
12.56307	3.679072	4649.142	98.88208	219.6987	12.9927	5.946507	4122.82	91.81249	243.1511
11.36363	4.878508	4203.395	92.92965	215.394	12.65851	6.280702	4016.4	90.31583	242.0205
10.86046	5.38168	4016.4	90.31583	213.6792	12.60512	6.334088	3999.4	90.14181	241.862
10.81472	5.427425	3999.4	90.13783	213.542	12.59274	6.346471	3995.457	90.10144	241.8253
9.768987	6.473155	3610.774	86.0687	210.4072	11.3933	7.545907	3613.514	86.09809	238.2336
8.169622	8.07252	3016.4	78.88829	205.4166	9.798655	9.140554	3105.721	80.46781	233.6141
5.478782	10.76336	2016.4	66.80767	197.0203	9.518155	9.421054	3016.4	79.34772	232.7751
5.433038	10.8091	1999.4	66.78957	196.6539	6.377804	12.5614	2016.4	66.80767	223.3822
2.787942	13.4542	1016.4	65.74319	175.4662	6.324418	12.61479	1999.4	66.78957	222.9997
1.442522	14.79962	516.4	60.16316	254.3605	3.237453	15.70176	1016.4	65.74319	200.8829
0.274697	15.96745	82.4	62.36197	250.6558	1.667277	17.27193	516.4	60.16316	279.388
0.193734	16.04841	52.31176	62.51154	250.3964	0.304365	18.63484	82.4	62.36197	275.2583
0.097102	16.14504	16.4	62.68959	250.0876	0.209877	18.72933	52.31176	62.51154	274.9691
0.092164	16.14998	16.4	59.68216	96.5	0.097102	18.84211	16.4	62.68959	274.6249
0.04686	16.19528	16.4	43.13437	96.5	0.092164	18.84704	16.4	59.68216	96.5
0.016138	16.226	16.4	26.58658	96.5	0.04686	18.89235	16.4	43.13437	96.5
0	16.24214	16.4	0	0	0.016138	18.92307	16.4	26.58658	96.5
0	16.24214	16.4	10.03879	96.5	0	18.93921	16.4	0	0
					0	18.93921	16.4	10.03879	96.5

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

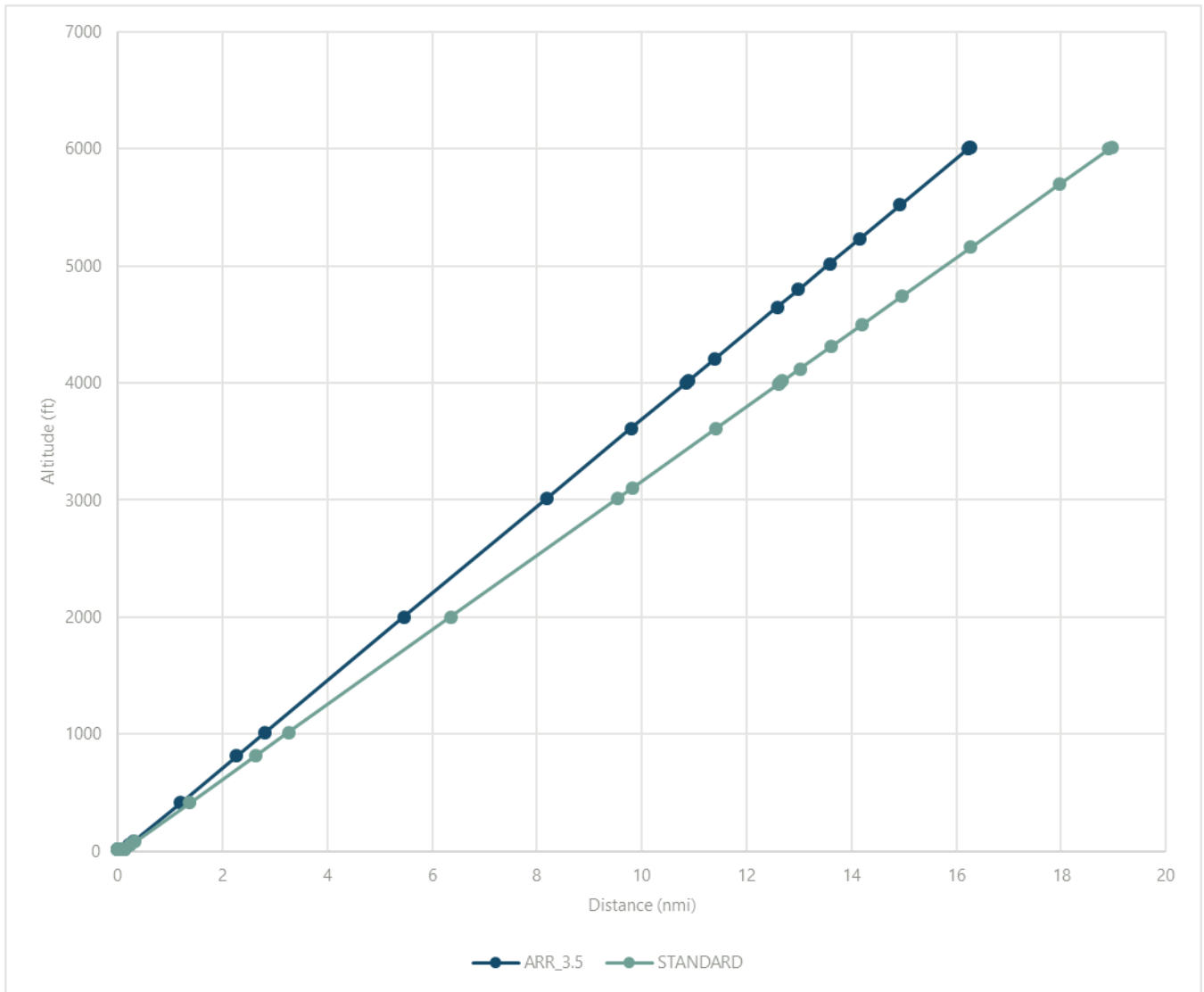
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

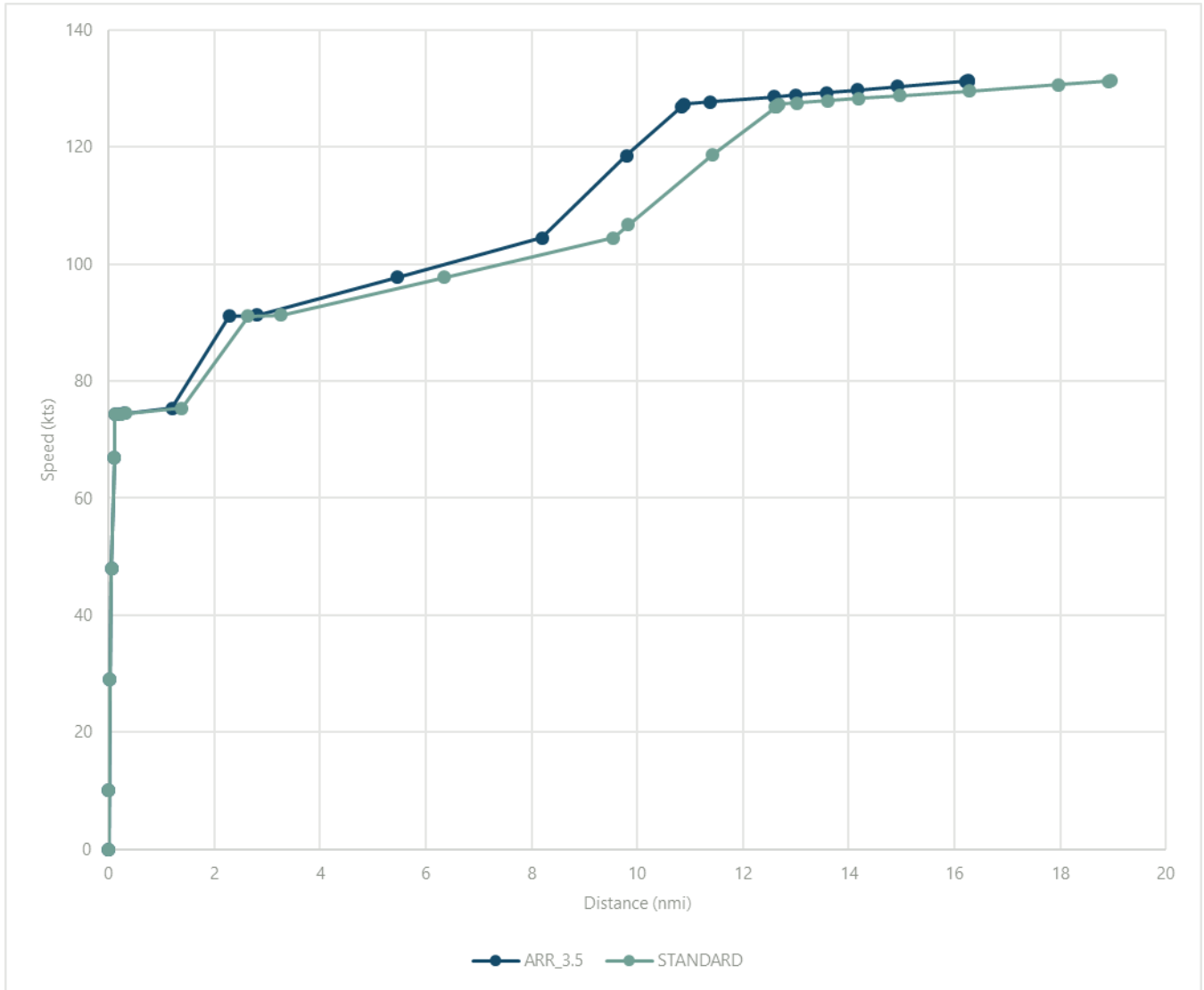
EXHIBIT C-94 CNA206 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

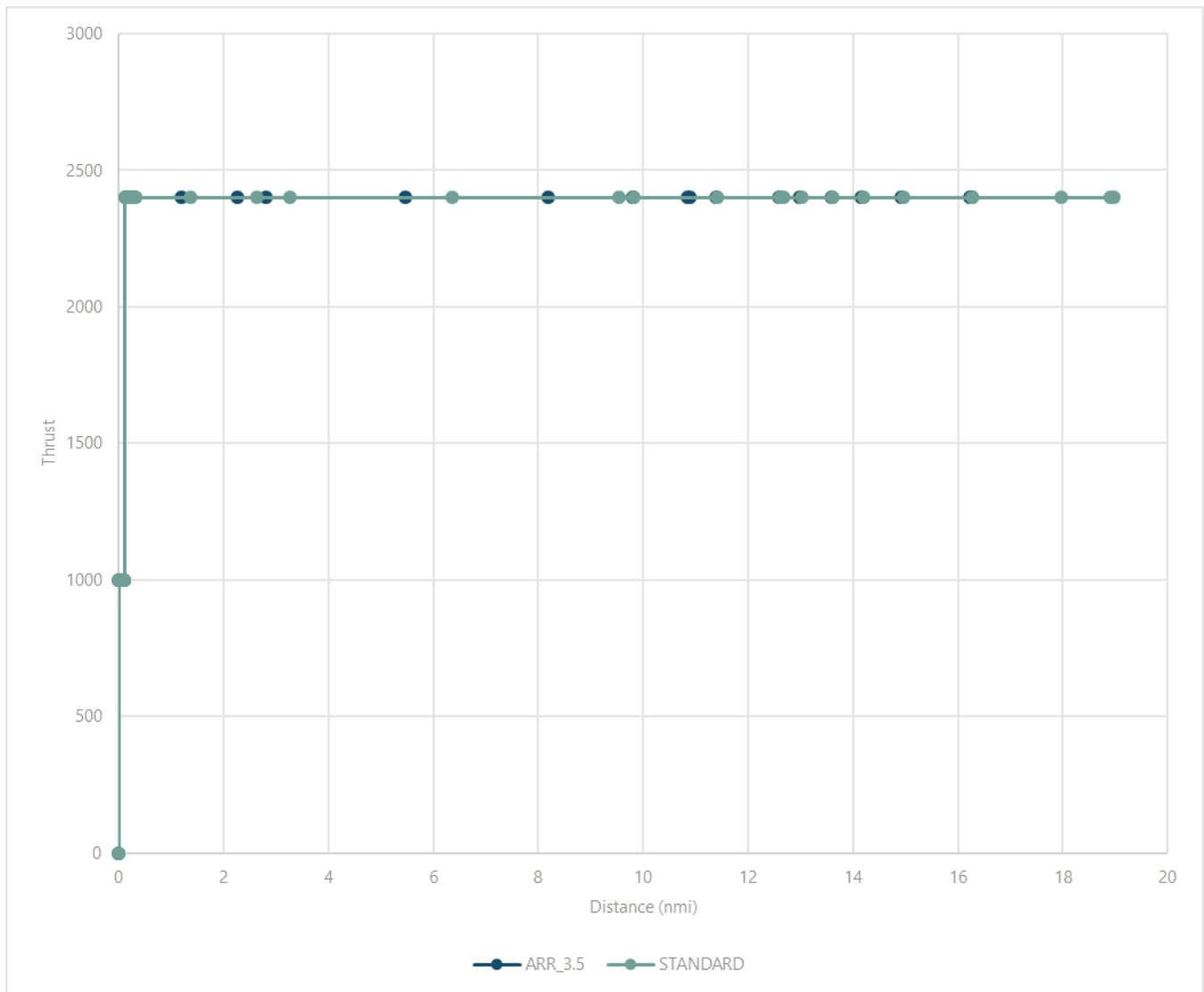
EXHIBIT C-95 CNA206 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-96 CNA206 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-33 CNA206 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.26664	0	6016.4	131.3	2400	18.96356	0	6016.4	131.3	2400
16.24905	0.017588	6009.864	131.2871	2400	18.91018	0.053386	5999.4	131.2664	2400
16.2209	0.045745	5999.4	131.2664	2400	17.96635	0.997208	5698.853	130.6731	2400
14.9298	1.336839	5519.593	130.3178	2400	16.27872	2.684841	5161.451	129.6052	2400
14.16581	2.100835	5235.671	129.7532	2400	14.95947	4.004092	4741.355	128.7643	2400
13.58159	2.685051	5018.56	129.3198	2400	14.19547	4.768088	4498.071	128.2747	2400
12.98739	3.27925	4797.739	128.8775	2400	13.61126	5.352304	4312.037	127.8992	2400
12.58743	3.679213	4649.102	128.5789	2400	13.01706	5.946503	4122.822	127.516	2400
11.38799	4.878649	4203.358	127.6792	2400	12.68286	6.280707	4016.4	127.3	2400
10.88491	5.381728	4016.4	127.3	2400	12.62947	6.334093	3999.4	126.9465	2400
10.83917	5.427473	3999.4	126.9346	2400	12.6171	6.346466	3995.46	126.8646	2400
9.793346	6.473296	3610.743	118.5807	2400	11.41766	7.545902	3613.516	118.6425	2400
8.194051	8.072592	3016.4	104.5	2400	9.823014	9.14055	3105.722	106.7348	2400
5.457442	10.8092	1999.4	97.7878	2400	9.542511	9.421052	3016.4	104.5	2400
2.812323	13.45432	1016.4	91.3	2400	6.348772	12.61479	1999.4	97.7878	2400
2.27415	13.99249	816.4	91.1	2400	3.261804	15.70176	1016.4	91.3	2400
1.197805	15.06884	416.4	75.4	2400	2.633739	16.32982	816.4	91.1	2400
0.299056	15.96759	82.4	74.48262	2400	1.377607	17.58596	416.4	75.4	2400
0.218093	16.04855	52.31176	74.39942	2400	0.328724	18.63484	82.4	74.48262	2400
0.121459	16.14518	16.4	74.3	2400	0.234235	18.72933	52.31176	74.39942	2400
0.109313	16.15733	16.4	67	1000	0.121459	18.8421	16.4	74.3	2400
0.054893	16.21175	16.4	48	1000	0.109313	18.85425	16.4	67	1000
0.018455	16.24819	16.4	29	1000	0.054893	18.90867	16.4	48	1000
0	16.26664	16.4	0	0	0.018455	18.94511	16.4	29	1000
0	16.26664	16.4	10	1000	0	18.96356	16.4	0	0
					0	18.96356	16.4	10	1000

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

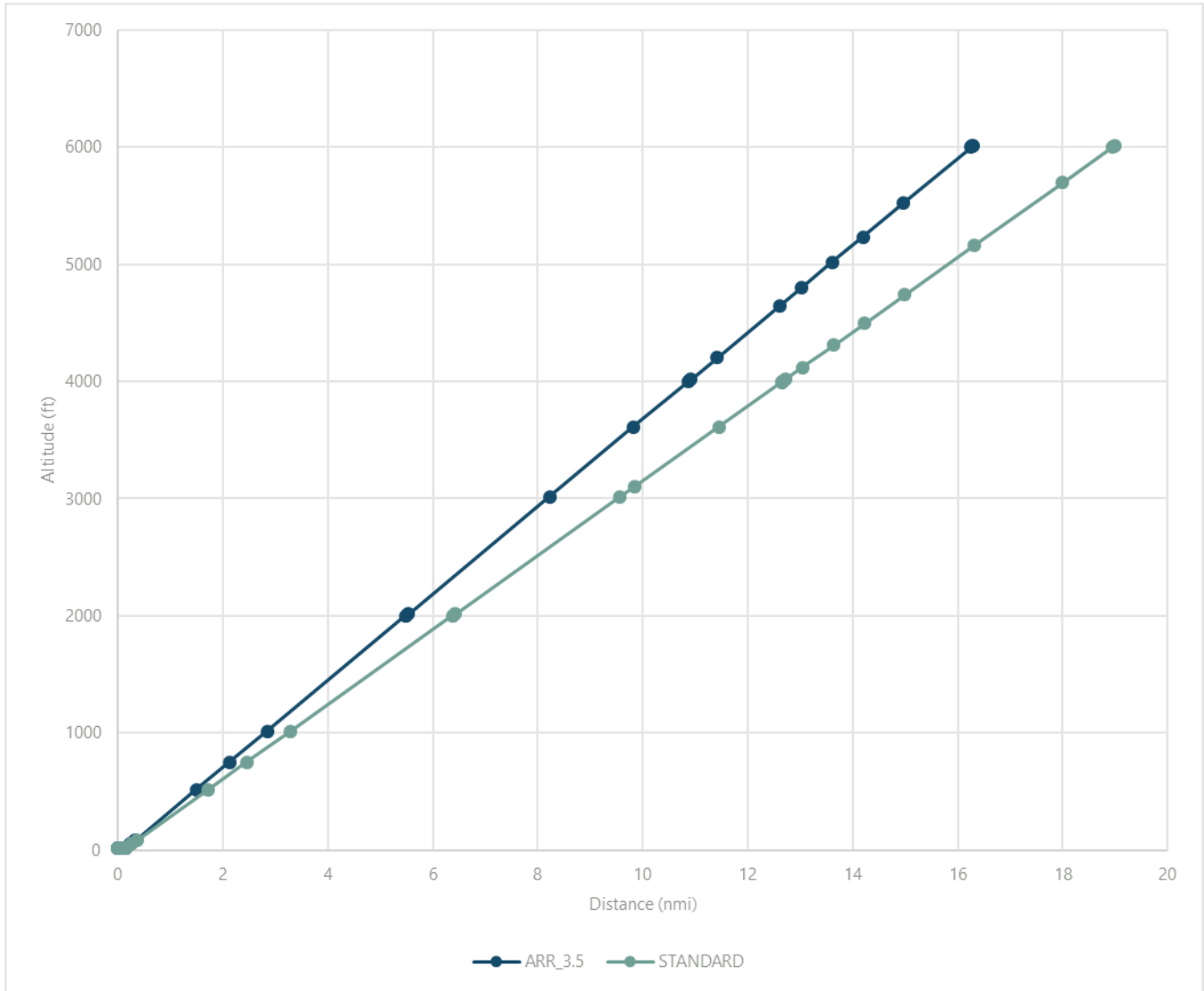
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

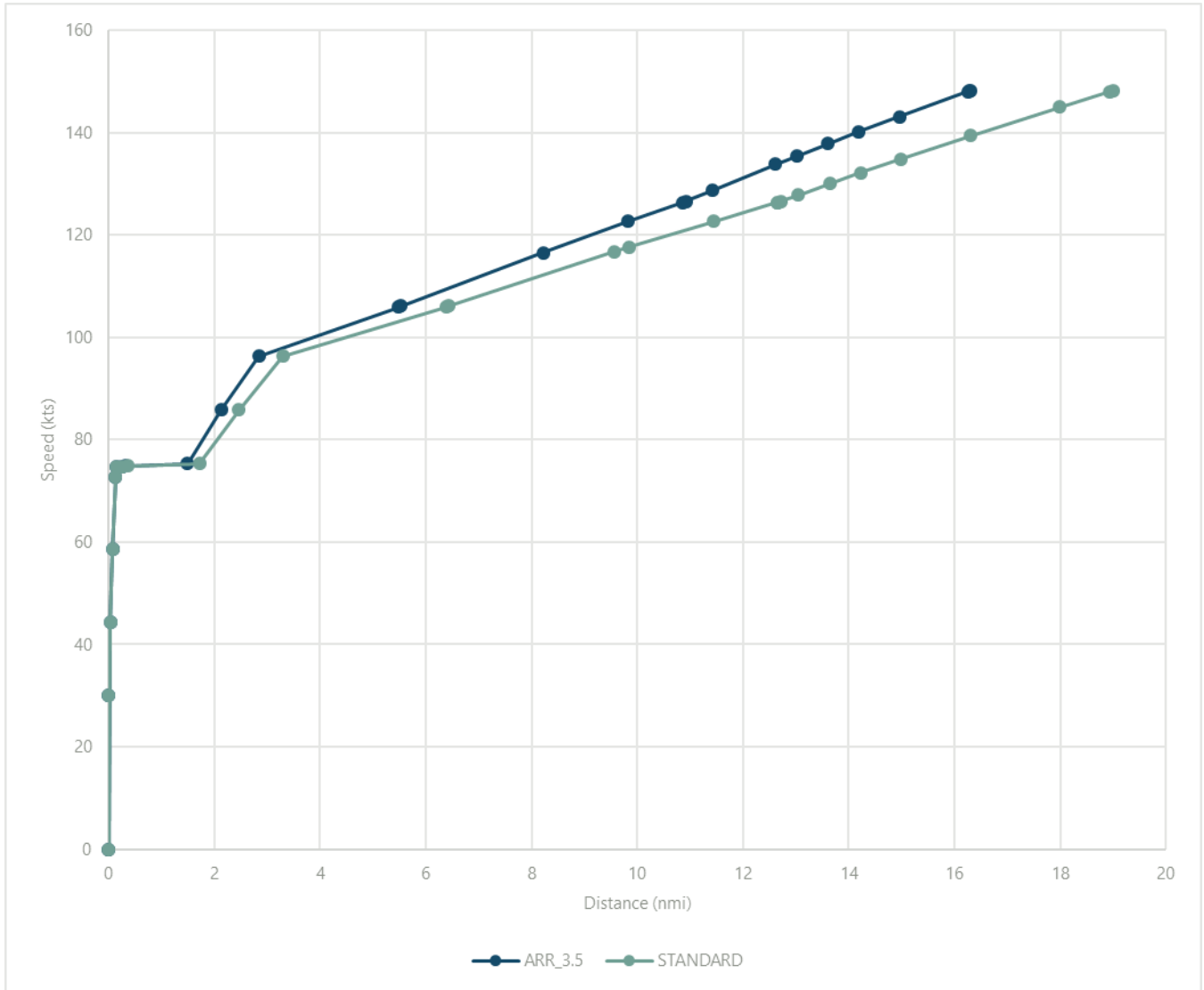
EXHIBIT C-97 CNA208 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

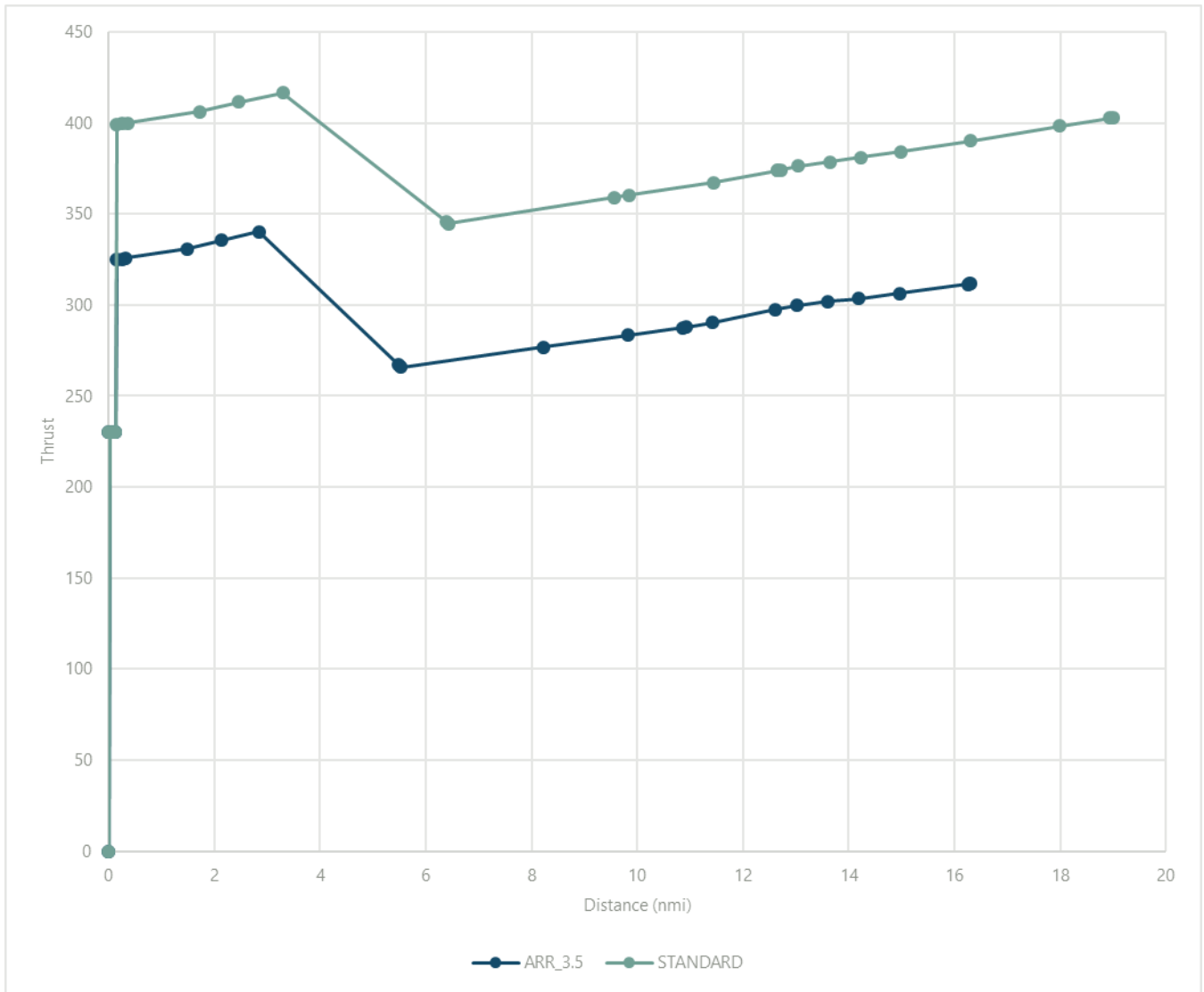
EXHIBIT C-98 CNA208 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-99 CNA208 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-34 CNA208 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.29563	0	6016.4	148.1856	311.6844	18.9927	0	6016.4	148.1856	402.8875
16.27818	0.017447	6009.916	148.1205	311.61	18.93931	0.053386	5999.4	148.0131	402.6386
16.24989	0.045744	5999.4	148.0131	311.4991	17.99548	0.997213	5698.852	144.9647	398.2396
14.95893	1.336698	5519.641	143.115	306.4377	16.30785	2.684846	5161.449	139.3444	390.2476
14.19494	2.100694	5235.717	140.1346	303.6146	14.9886	4.004097	4741.353	134.7879	384.2684
13.61072	2.684909	5018.604	137.812	301.8044	14.2246	4.768093	4498.069	132.0772	380.948
13.01652	3.279109	4797.781	135.4088	299.7128	13.64039	5.352308	4312.034	129.9663	378.6277
12.61656	3.679072	4649.142	133.7669	297.5927	13.04619	5.946507	4122.82	127.7836	376.2219
11.41712	4.878508	4203.395	128.7176	290.3991	12.71199	6.280702	4016.4	126.5394	374.2228
10.91395	5.38168	4016.4	126.5394	287.8243	12.65861	6.334088	3999.4	126.3795	373.9323
10.86821	5.427425	3999.4	126.3772	287.642	12.64623	6.346471	3995.457	126.3425	373.8649
9.822475	6.473155	3610.774	122.6693	283.4737	11.44679	7.545907	3613.514	122.6959	367.3715
8.22311	8.07252	3016.4	116.4918	276.8415	9.852143	9.140554	3105.721	117.6729	360.1955
5.53227	10.76336	2016.4	106.0984	265.6832	9.571643	9.421054	3016.4	116.7238	358.9258
5.486526	10.8091	1999.4	105.9319	266.95	6.431292	12.5614	2016.4	106.0984	344.7102
2.84143	13.4542	1016.4	96.30598	340.199	6.377906	12.61479	1999.4	105.9319	345.9312
2.127618	14.16801	751.1254	85.81917	335.4875	3.290941	15.70176	1016.4	96.30598	416.5347
1.49601	14.79962	516.4	75.33235	330.776	2.457885	16.53481	751.1254	85.81917	411.3717
0.328185	15.96745	82.4	74.81878	325.6324	1.720765	17.27193	516.4	75.33235	406.2087
0.247222	16.04841	52.31176	74.78305	325.2726	0.357853	18.63484	82.4	74.81878	399.8921
0.15059	16.14504	16.4	74.74037	324.843	0.263365	18.72933	52.31176	74.78305	399.4504
0.134132	16.1615	16.4	72.7326	230	0.15059	18.84211	16.4	74.74037	398.9228
0.07707	16.21856	16.4	58.52719	230	0.134132	18.85857	16.4	72.7326	230
0.03236	16.26327	16.4	44.32179	230	0.07707	18.91563	16.4	58.52719	230
0	16.29563	16.4	0	0	0.03236	18.96034	16.4	44.32179	230
0	16.29563	16.4	30.11638	230	0	18.9927	16.4	0	0
					0	18.9927	16.4	30.11638	230

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

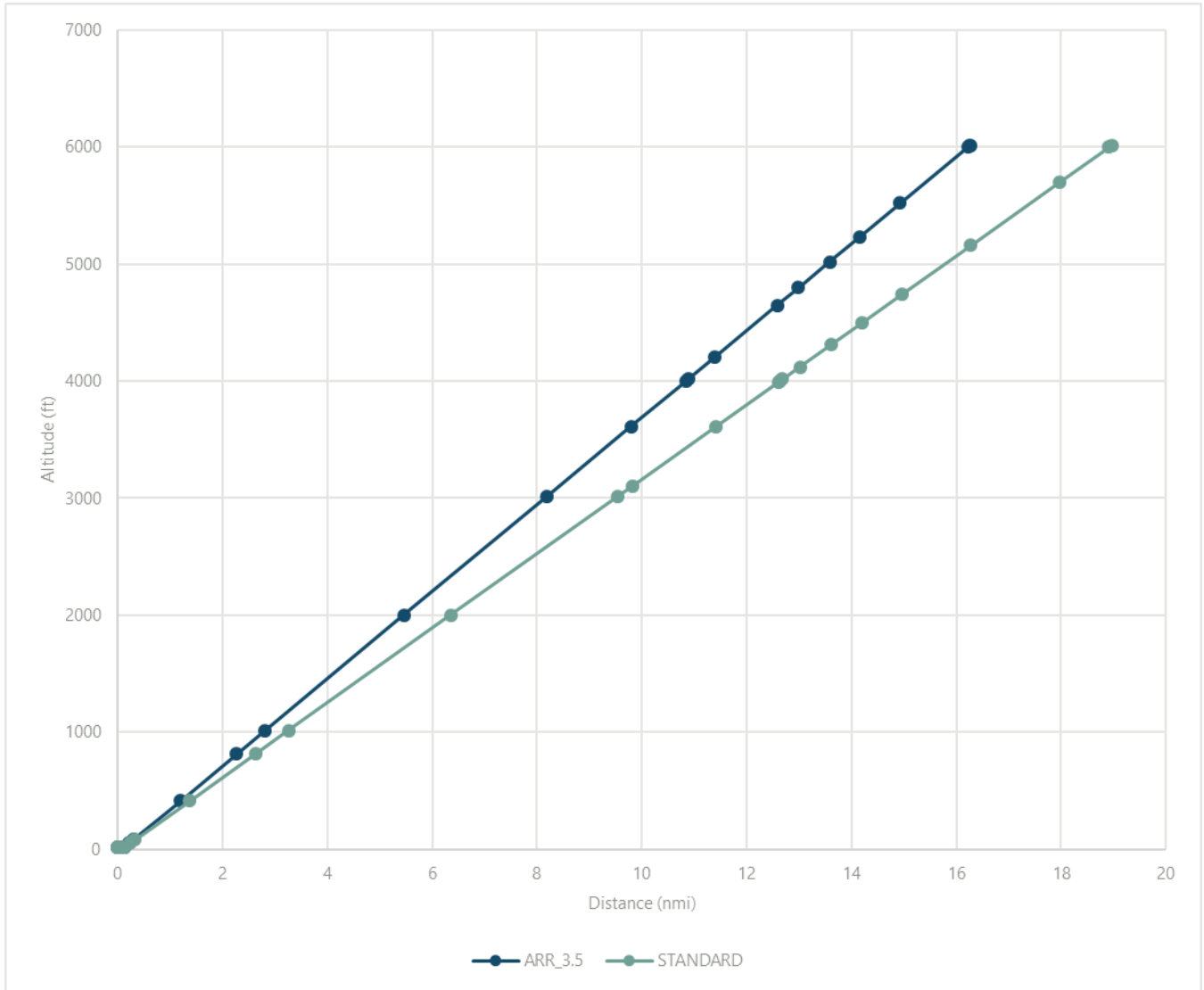
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

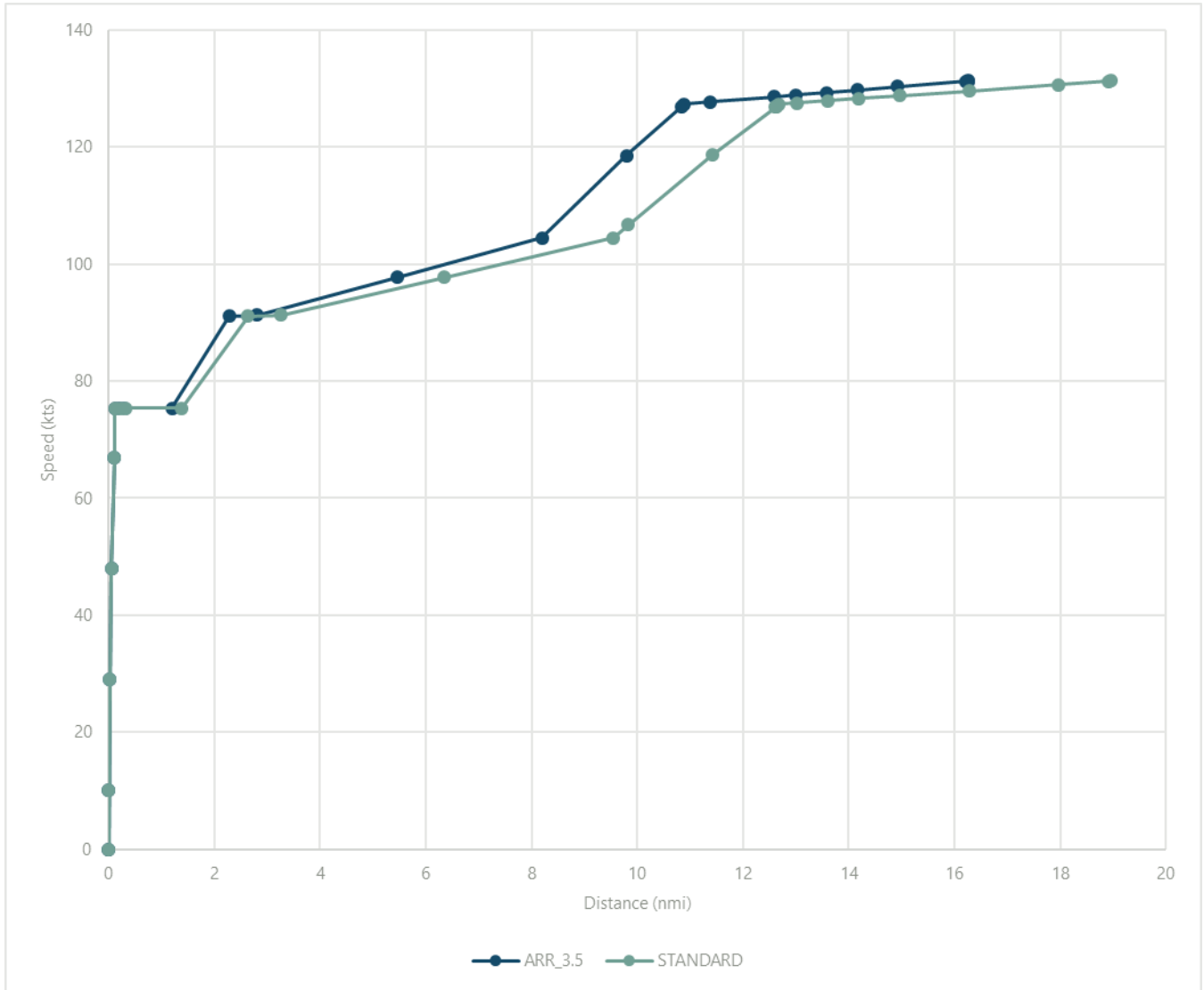
EXHIBIT C-100 CNA20T ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

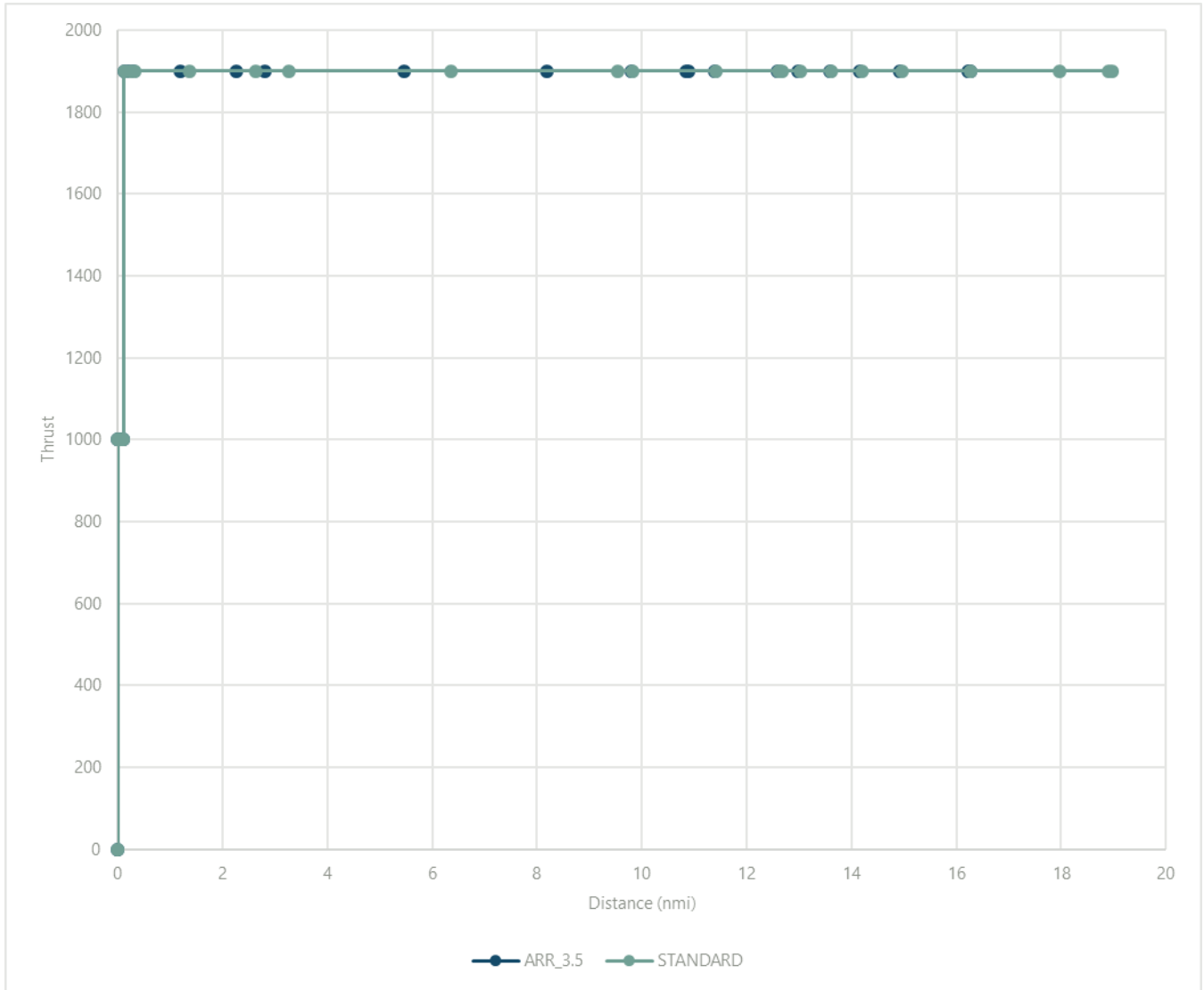
EXHIBIT C-101 CNA20T SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-102 CNA20T THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-35 CNA20T PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.26664	0	6016.4	131.3	1900	18.96356	0	6016.4	131.3	1900
16.24905	0.017588	6009.864	131.2871	1900	18.91018	0.053386	5999.4	131.2664	1900
16.2209	0.045745	5999.4	131.2664	1900	17.96635	0.997208	5698.853	130.6731	1900
14.9298	1.336839	5519.593	130.3178	1900	16.27872	2.684841	5161.451	129.6052	1900
14.16581	2.100835	5235.671	129.7532	1900	14.95947	4.004092	4741.355	128.7643	1900
13.58159	2.685051	5018.56	129.3198	1900	14.19547	4.768088	4498.071	128.2747	1900
12.98739	3.27925	4797.739	128.8775	1900	13.61126	5.352304	4312.037	127.8992	1900
12.58743	3.679213	4649.102	128.5789	1900	13.01706	5.946503	4122.822	127.516	1900
11.38799	4.878649	4203.358	127.6792	1900	12.68286	6.280707	4016.4	127.3	1900
10.88491	5.381728	4016.4	127.3	1900	12.62947	6.334093	3999.4	126.9465	1900
10.83917	5.427473	3999.4	126.9346	1900	12.6171	6.346466	3995.46	126.8646	1900
9.793346	6.473296	3610.743	118.5807	1900	11.41766	7.545902	3613.516	118.6425	1900
8.194051	8.072592	3016.4	104.5	1900	9.823014	9.14055	3105.722	106.7348	1900
5.457442	10.8092	1999.4	97.7878	1900	9.542511	9.421052	3016.4	104.5	1900
2.812323	13.45432	1016.4	91.3	1900	6.348772	12.61479	1999.4	97.7878	1900
2.27415	13.99249	816.4	91.1	1900	3.261804	15.70176	1016.4	91.3	1900
1.197805	15.06884	416.4	75.4	1900	2.633739	16.32982	816.4	91.1	1900
0.299056	15.96759	82.4	75.4	1900	1.377607	17.58596	416.4	75.4	1900
0.218093	16.04855	52.31176	75.4	1900	0.328724	18.63484	82.4	75.4	1900
0.121459	16.14518	16.4	75.4	1900	0.234235	18.72933	52.31176	75.4	1900
0.109313	16.15733	16.4	67	1000	0.121459	18.8421	16.4	75.4	1900
0.054893	16.21175	16.4	48	1000	0.109313	18.85425	16.4	67	1000
0.018455	16.24819	16.4	29	1000	0.054893	18.90867	16.4	48	1000
0	16.26664	16.4	0	0	0.018455	18.94511	16.4	29	1000
0	16.26664	16.4	10	1000	0	18.96356	16.4	0	0
					0	18.96356	16.4	10	1000

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

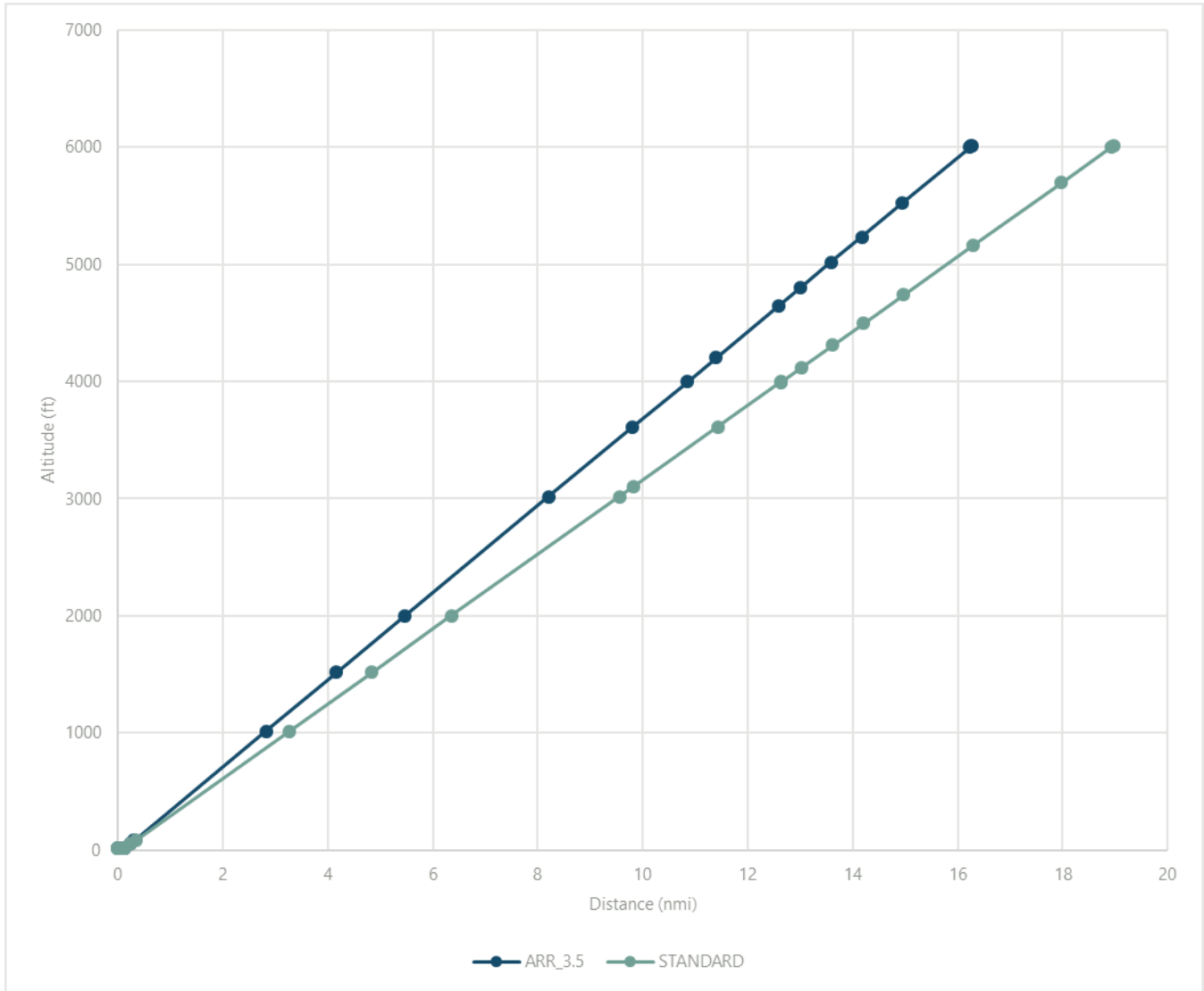
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

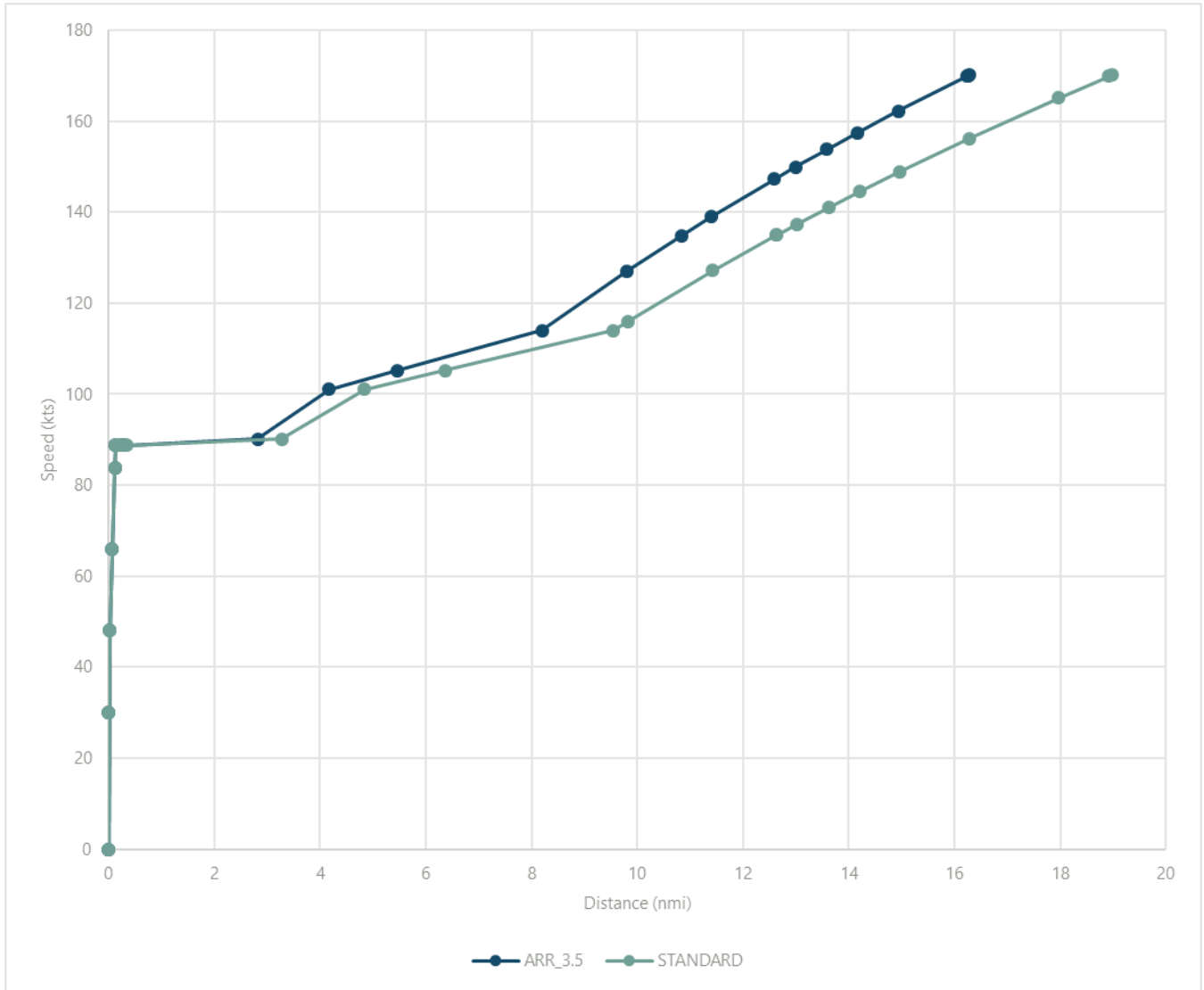
EXHIBIT C-103 CNA441 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

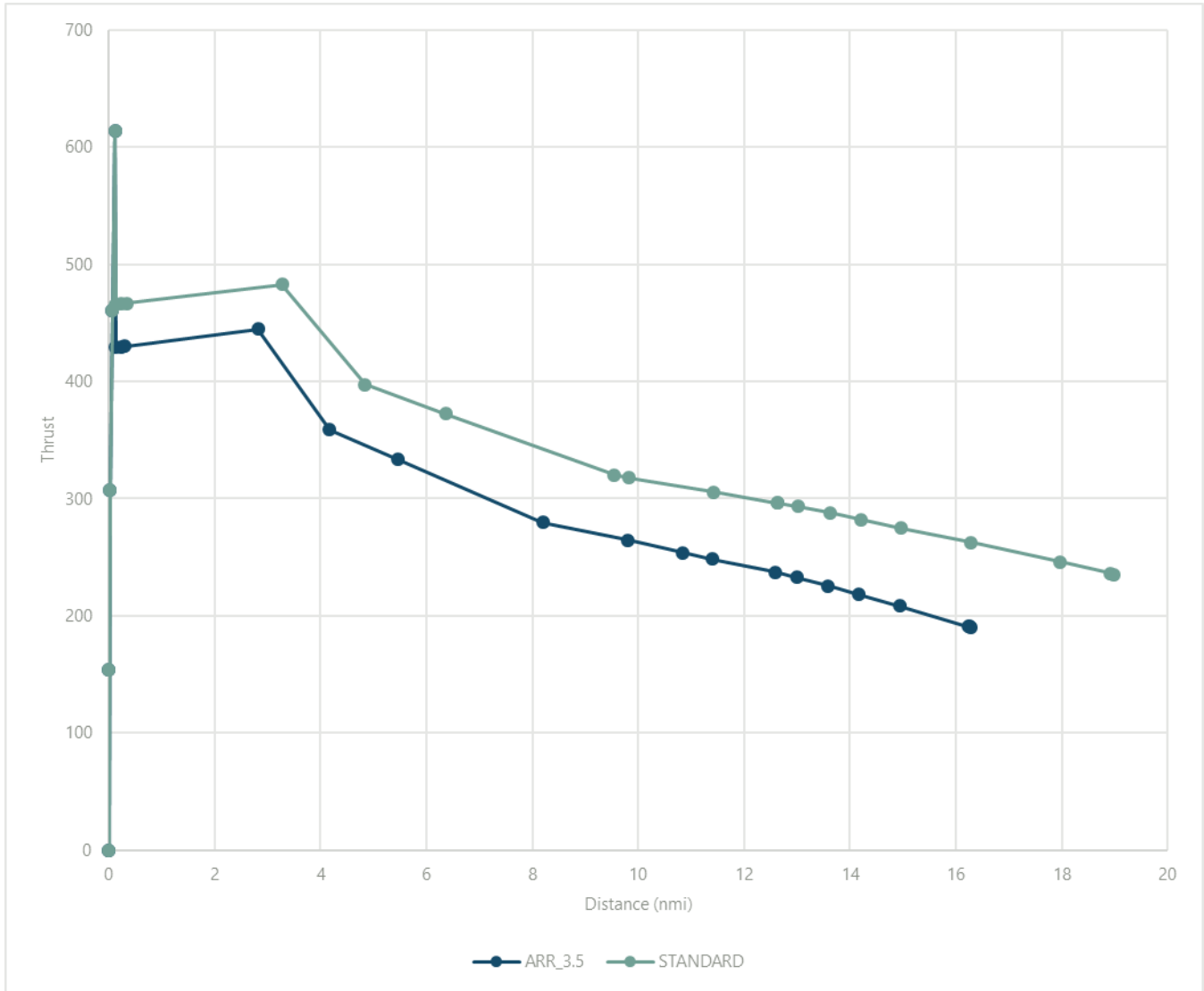
EXHIBIT C-104 CNA441 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-105 CNA441 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-36 CNA441 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.27522	0	6016.4	170.1507	190.398	18.97229	0	6016.4	170.1507	235.4896
16.25778	0.017447	6009.916	170.0492	190.6359	18.9189	0.053386	5999.4	169.8809	236.0438
16.22948	0.045744	5999.4	169.8808	191.0152	17.97508	0.997213	5698.852	165.111	245.8419
14.93852	1.336698	5519.641	162.1978	208.3193	16.28744	2.684846	5161.449	156.2122	262.433
14.17453	2.100694	5235.717	157.472	218.1386	14.96819	4.004097	4741.353	148.8859	275.0527
13.59031	2.684909	5018.604	153.7602	225.7134	14.2042	4.768093	4498.069	144.4734	282.27
12.99611	3.279109	4797.781	149.8908	232.9779	13.61998	5.352308	4312.034	141.0061	287.876
12.59615	3.679072	4649.142	147.2291	237.1247	13.02578	5.946507	4122.82	137.3898	293.4266
11.39671	4.878508	4203.395	138.9413	248.4009	12.6382	6.334088	3999.4	134.9781	296.4099
10.8478	5.427425	3999.4	134.8613	253.8915	12.62582	6.346471	3995.457	134.901	296.5052
9.802067	6.473155	3610.774	127.0885	264.3514	11.42638	7.545907	3613.514	127.1458	305.3636
8.202702	8.07252	3016.4	113.9691	279.6264	9.831735	9.140554	3105.721	116.0354	318.008
5.466118	10.8091	1999.4	105.22	333.3681	9.551236	9.421054	3016.4	113.9691	320.2042
4.166442	12.10878	1516.4	101.0648	358.8914	6.357498	12.61479	1999.4	105.22	372.5276
2.821022	13.4542	1016.4	90.09155	444.8322	4.840709	14.13158	1516.4	101.0648	397.3774
0.307777	15.96745	82.4	88.80588	430.0559	3.270533	15.70176	1016.4	90.09155	482.7206
0.226815	16.04841	52.31176	88.76415	429.5713	0.337445	18.63484	82.4	88.80588	466.6854
0.130182	16.14504	16.4	88.71432	428.9925	0.242957	18.72933	52.31176	88.76415	466.1594
0.117164	16.15806	16.4	83.87566	614	0.130182	18.84211	16.4	88.71432	465.5314
0.06583	16.20939	16.4	65.9559	460.5	0.117164	18.85513	16.4	83.87566	614
0.026776	16.24845	16.4	48.03614	307	0.06583	18.90646	16.4	65.9559	460.5
0	16.27522	16.4	0	0	0.026776	18.94551	16.4	48.03614	307
0	16.27522	16.4	30.11638	153.5	0	18.97229	16.4	0	0
					0	18.97229	16.4	30.11638	153.5

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

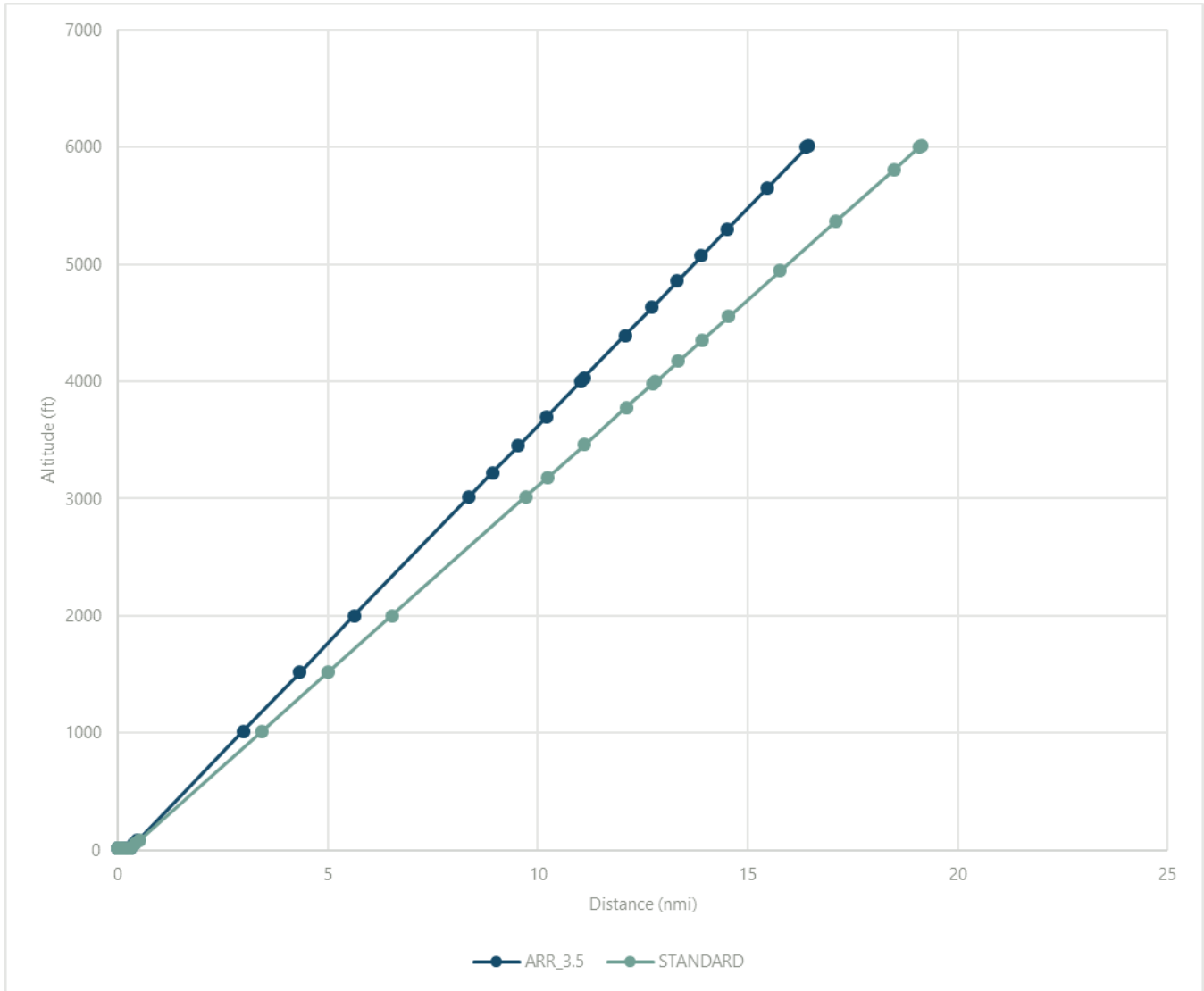
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

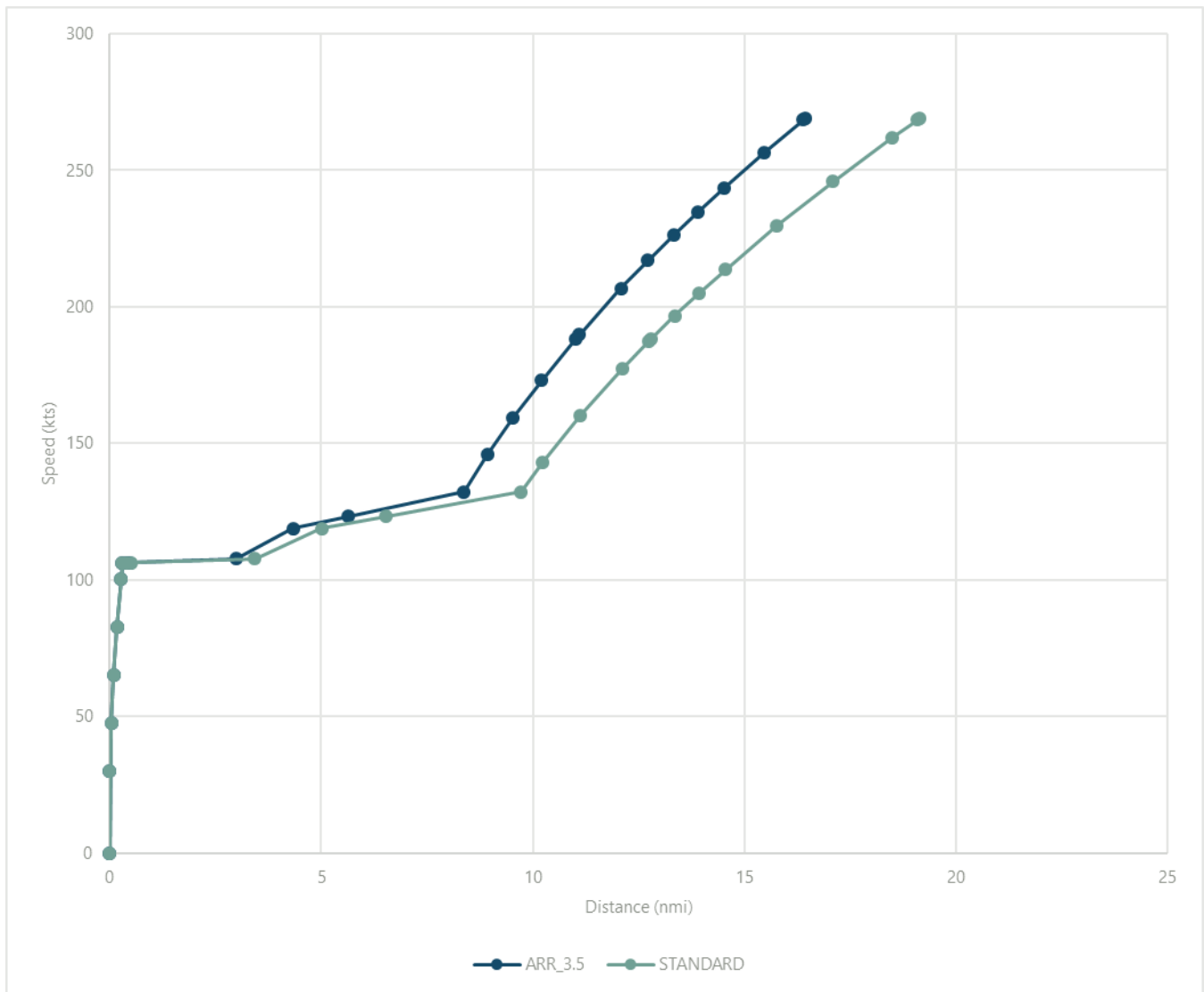
EXHIBIT C-106 CNA500 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

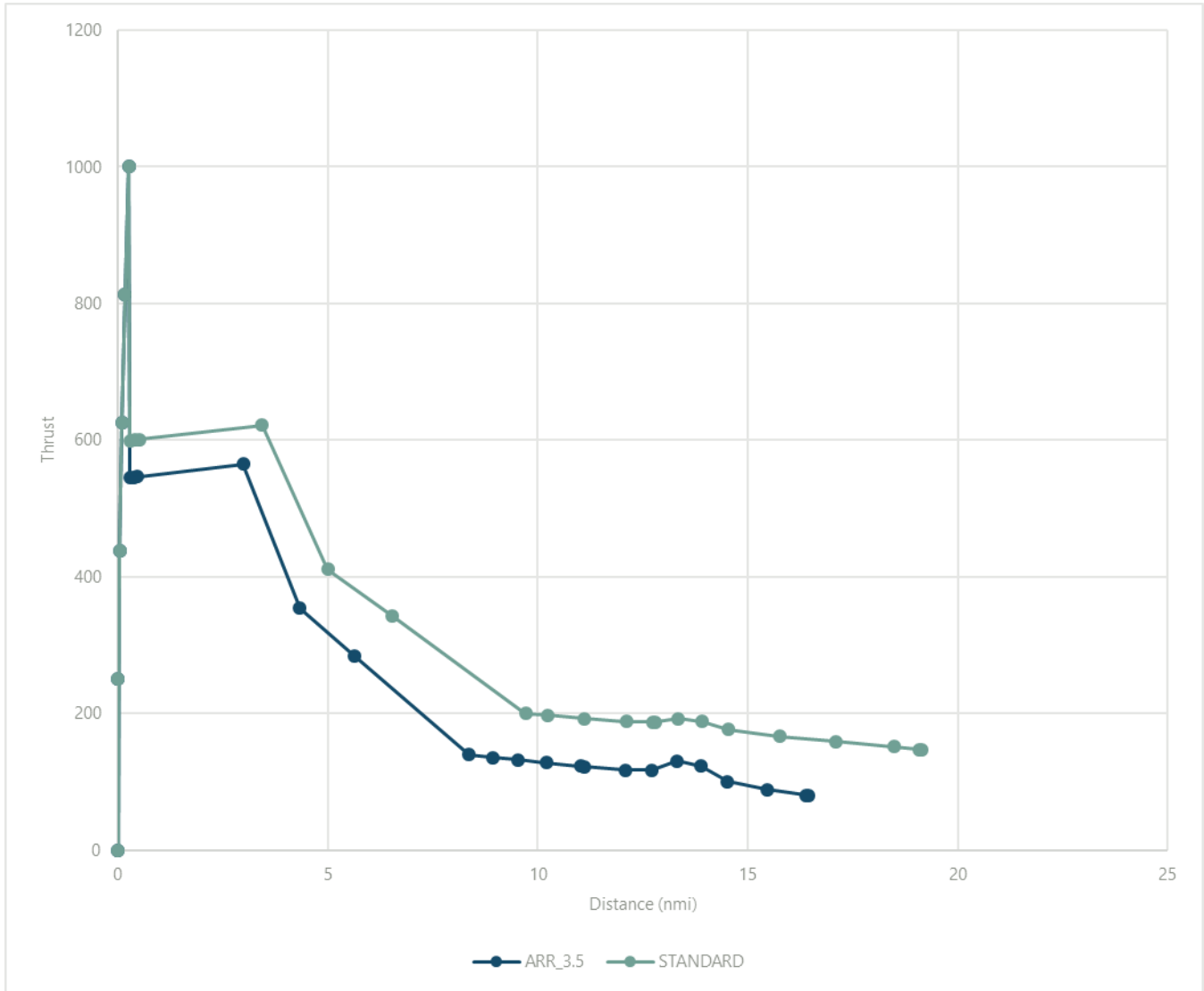
EXHIBIT C-107 CNA500 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-108 CNA500 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-37 CNA500 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.4398	0	6016.4	268.9935	79.39765	19.13687	0	6016.4	268.9935	146.4574
16.39406	0.045744	5999.4	268.4015	79.81726	19.08348	0.053386	5999.4	268.4078	146.8421
15.45575	0.984048	5650.697	256.2587	88.42447	18.48852	0.648352	5809.942	261.8802	151.1291
14.51942	1.920378	5302.728	243.5238	100.6268	17.08654	2.050331	5363.501	245.7955	158.7865
13.89415	2.545655	5070.355	234.6349	122.6334	15.7734	3.363473	4945.35	229.7109	166.723
13.32196	3.117843	4857.712	226.1949	130.1014	14.54909	4.587777	4555.488	213.6262	176.5421
12.72046	3.719342	4634.177	216.9688	117.1188	13.92381	5.213053	4356.378	204.925	187.7931
12.07782	4.361986	4395.35	206.657	116.7334	13.35163	5.785242	4174.172	196.6255	192.4463
11.09783	5.341973	4031.157	189.8571	122.3399	12.80278	6.334088	3999.4	188.3035	187.5826
11.01238	5.427425	3999.4	188.2565	122.8926	12.75013	6.38674	3982.634	187.5051	187.116
10.20088	6.238917	3697.824	173.0571	128.1407	12.10748	7.029385	3777.993	177.2431	188.1215
9.535192	6.904609	3450.432	159.4483	131.8469	11.11904	8.017832	3463.236	160.181	192.7081
8.923991	7.51581	3223.291	145.8394	135.5531	10.23055	8.906316	3180.311	143.1188	197.234
8.367281	8.07252	3016.4	132.2306	139.2592	9.715814	9.421054	3016.4	132.2306	199.7745
5.630697	10.8091	1999.4	123.2079	284.7165	6.522077	12.61479	1999.4	123.2079	343.0955
4.331021	12.10878	1516.4	118.9228	353.7979	5.005288	14.13158	1516.4	118.9228	411.1624
2.985601	13.4542	1016.4	107.818	565.2789	3.435112	15.70176	1016.4	107.818	621.7127
0.472356	15.96745	82.4	106.2727	546.4999	0.502024	18.63484	82.4	106.2727	601.059
0.391394	16.04841	52.31176	106.2226	545.884	0.407536	18.72933	52.31176	106.2226	600.3815
0.294761	16.14504	16.4	106.1627	545.1485	0.294761	18.84211	16.4	106.1627	599.5726
0.265285	16.17452	16.4	100.4397	1000	0.265285	18.87158	16.4	100.4397	1000
0.172171	16.26763	16.4	82.85885	812.5	0.172171	18.9647	16.4	82.85885	812.5
0.096919	16.34288	16.4	65.27803	625	0.096919	19.03995	16.4	65.27803	625
0.039529	16.40027	16.4	47.6972	437.5	0.039529	19.09734	16.4	47.6972	437.5
0	16.4398	16.4	0	0	0	19.13687	16.4	0	0
0	16.4398	16.4	30.11638	250	0	19.13687	16.4	30.11638	250

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

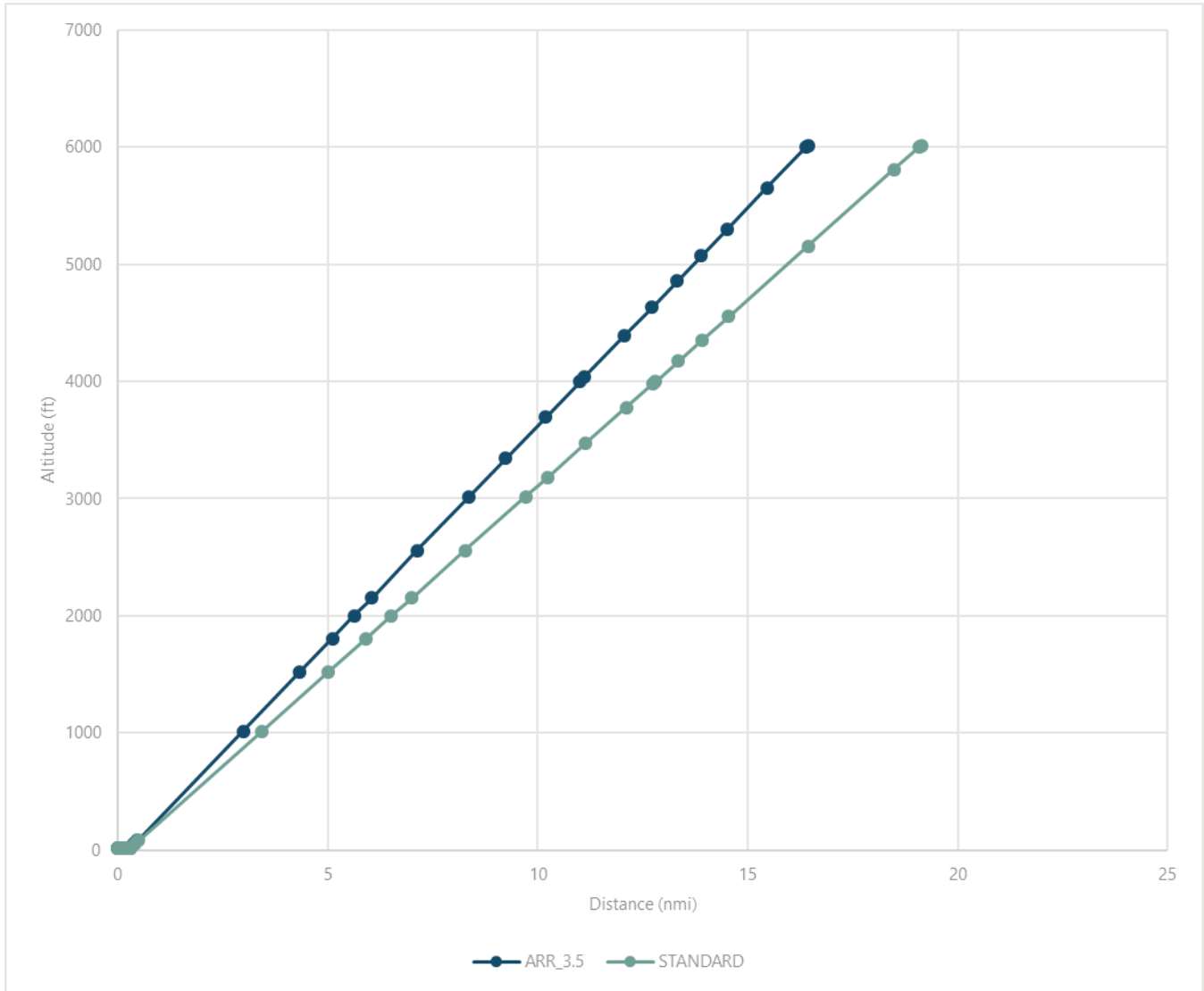
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

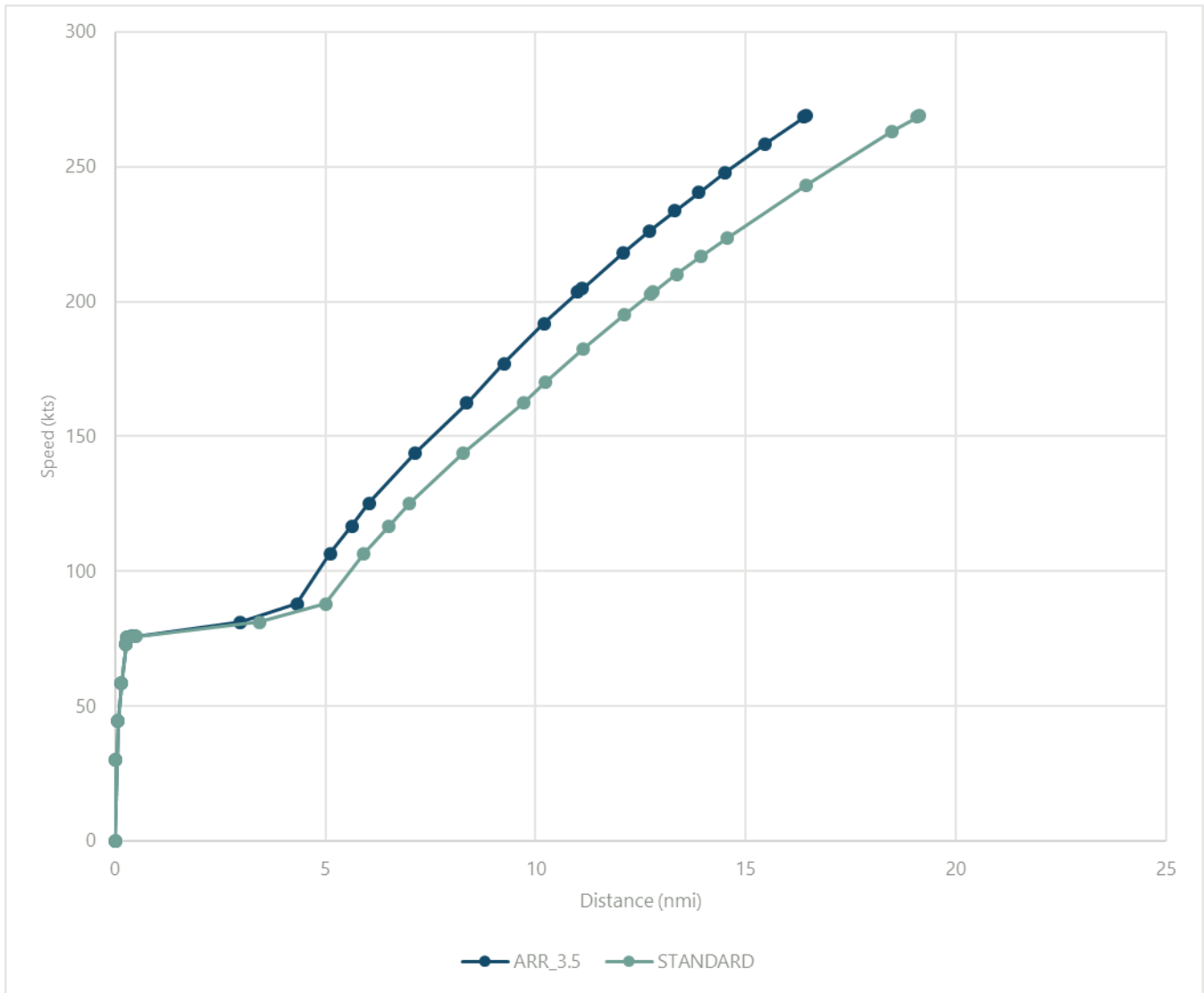
EXHIBIT C-109 CNA510 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

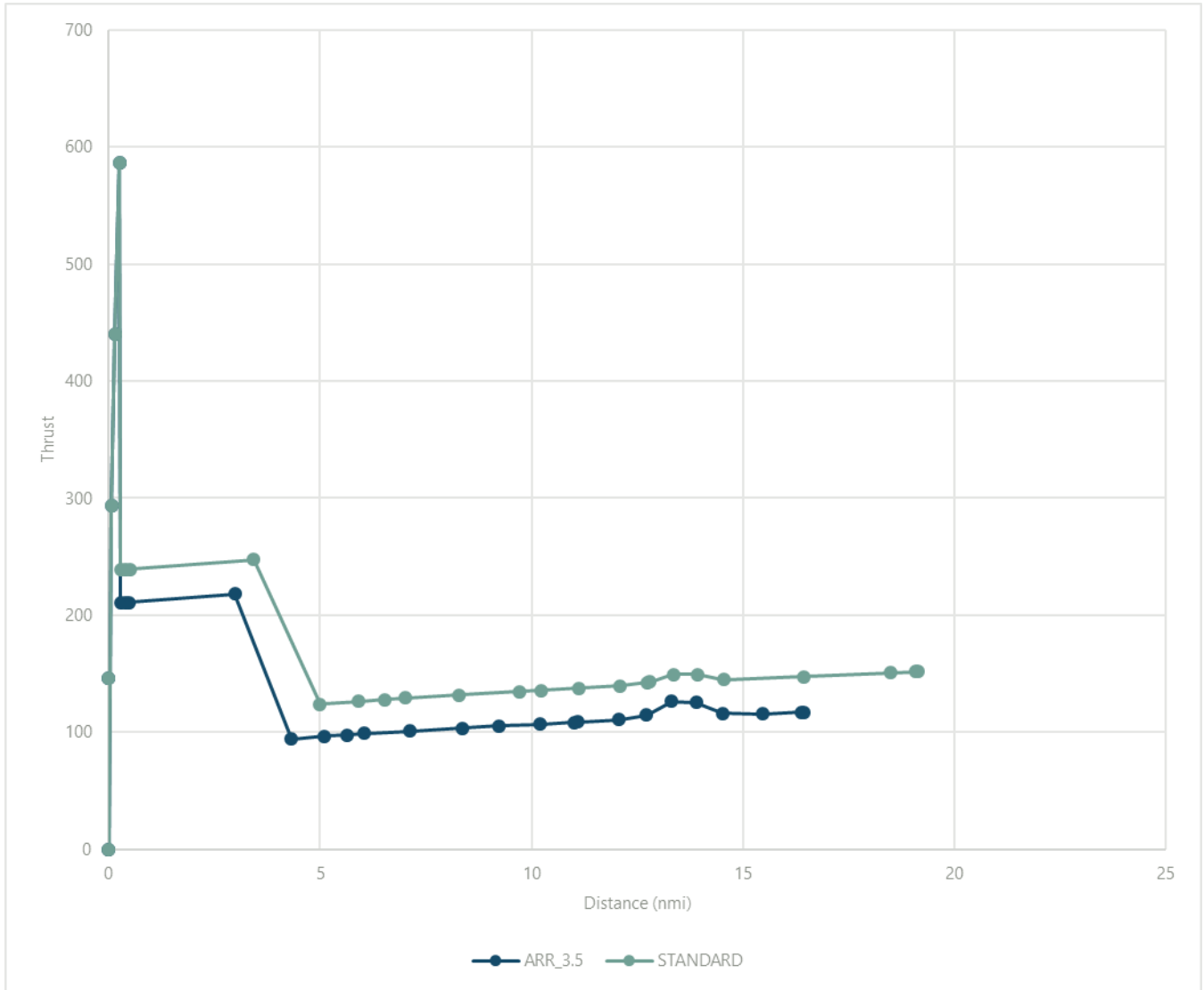
EXHIBIT C-110 CNA510 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-111 CNA510 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-38 CNA510 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.43388	0	6016.4	268.9935	117.1612	19.13094	0	6016.4	268.9935	151.649
16.38813	0.045744	5999.4	268.4993	117.0944	19.07756	0.053386	5999.4	268.5036	151.5757
15.45402	0.979859	5652.254	258.4067	115.7307	18.48259	0.648352	5809.942	263.0435	150.7578
14.5135	1.920378	5302.728	247.8198	116.1764	16.43286	2.698084	5157.234	243.2772	147.157
13.88822	2.545655	5070.355	240.5237	125.4317	14.54317	4.587777	4555.488	223.5109	144.9642
13.31603	3.117843	4857.712	233.6475	126.6002	13.91789	5.213053	4356.378	216.5736	149.1781
12.71454	3.719342	4634.177	226.1938	114.8731	13.3457	5.785242	4174.172	210.0246	149.3739
12.07189	4.361986	4395.35	217.9488	110.7048	12.79685	6.334088	3999.4	203.535	142.9231
11.10354	5.330335	4035.481	204.8994	108.6984	12.7442	6.38674	3982.634	202.9124	142.3043
11.00645	5.427425	3999.4	203.505	108.4925	12.10156	7.029385	3777.993	195.0273	139.4201
10.19496	6.238917	3697.824	191.85	106.7716	11.13081	8.000138	3468.87	182.4714	137.5354
9.239982	7.193895	3342.925	177.1007	105.1458	10.22463	8.906316	3180.311	169.9155	135.5256
8.361356	8.07252	3016.4	162.3515	103.52	9.70989	9.421054	3016.4	162.3515	134.5346
7.127248	9.306629	2557.767	143.7456	101.1687	8.269621	10.86132	2557.767	143.7456	131.856
6.043169	10.39071	2154.889	125.1397	98.81732	7.004443	12.1265	2154.889	125.1397	129.1773
5.624772	10.8091	1999.4	116.8054	97.76406	6.516152	12.61479	1999.4	116.8054	127.9774
5.109118	11.32476	1807.767	106.5338	96.46597	5.914357	13.21659	1807.767	106.5338	126.4986
4.325096	12.10878	1516.4	87.92792	94.11463	4.999363	14.13158	1516.4	87.92792	123.8199
2.979676	13.4542	1016.4	81.12646	218.3724	3.429187	15.70176	1016.4	81.12646	247.5978
0.466431	15.96745	82.4	75.86203	210.8252	0.496099	18.63484	82.4	75.86203	239.1215
0.385469	16.04841	52.31176	75.68635	210.5778	0.401611	18.72933	52.31176	75.68635	238.8436
0.288836	16.14504	16.4	75.47614	210.2817	0.288836	18.84211	16.4	75.47614	238.5111
0.259952	16.17392	16.4	72.83298	586.4	0.259952	18.87099	16.4	72.83298	586.4
0.149332	16.28454	16.4	58.59412	439.8	0.149332	18.98161	16.4	58.59412	439.8
0.062682	16.3712	16.4	44.35525	293.2	0.062682	19.06826	16.4	44.35525	293.2
0	16.43388	16.4	0	0	0	19.13094	16.4	0	0
0	16.43388	16.4	30.11638	146.6	0	19.13094	16.4	30.11638	146.6

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

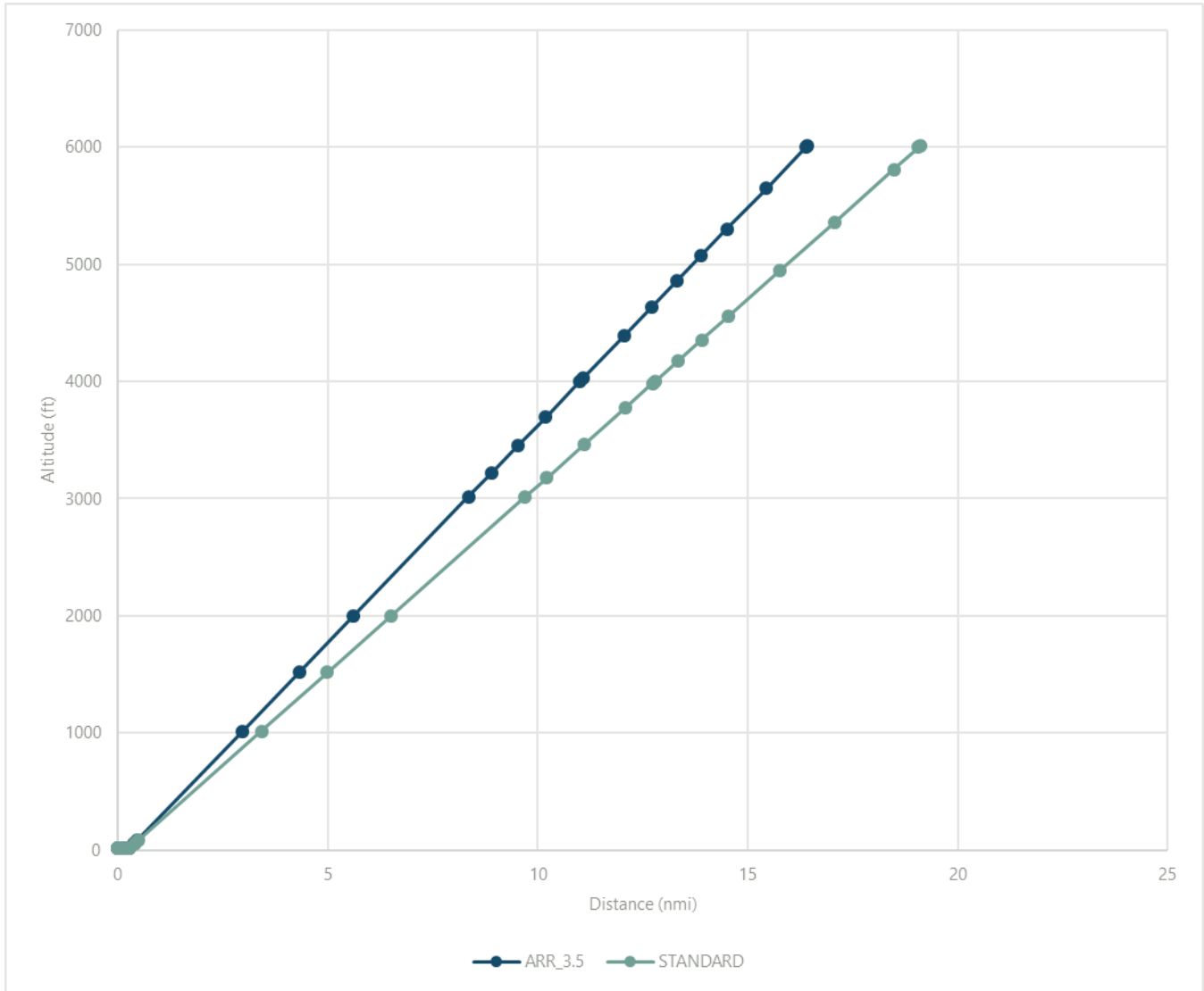
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

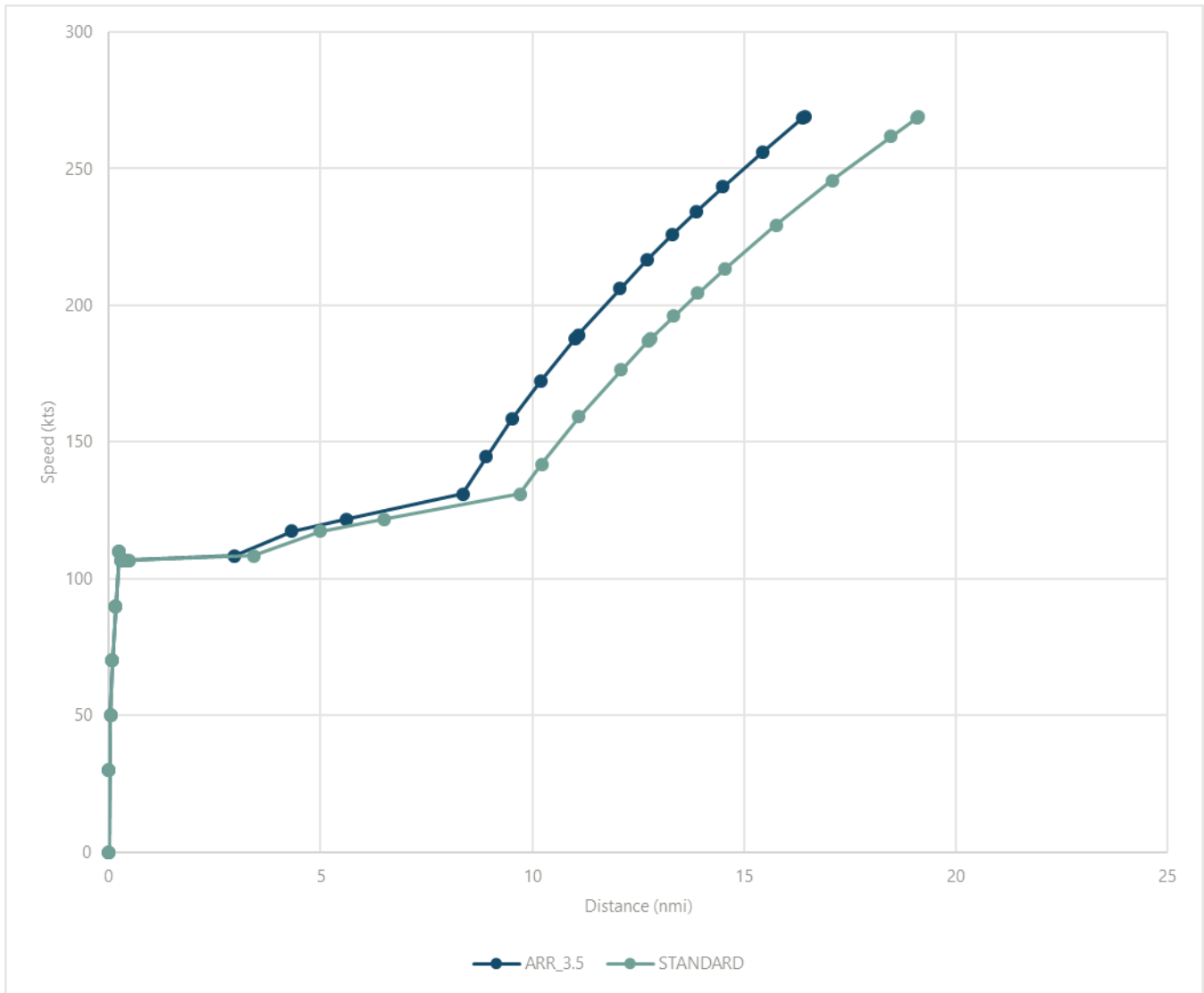
EXHIBIT C-112 CNA525C ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

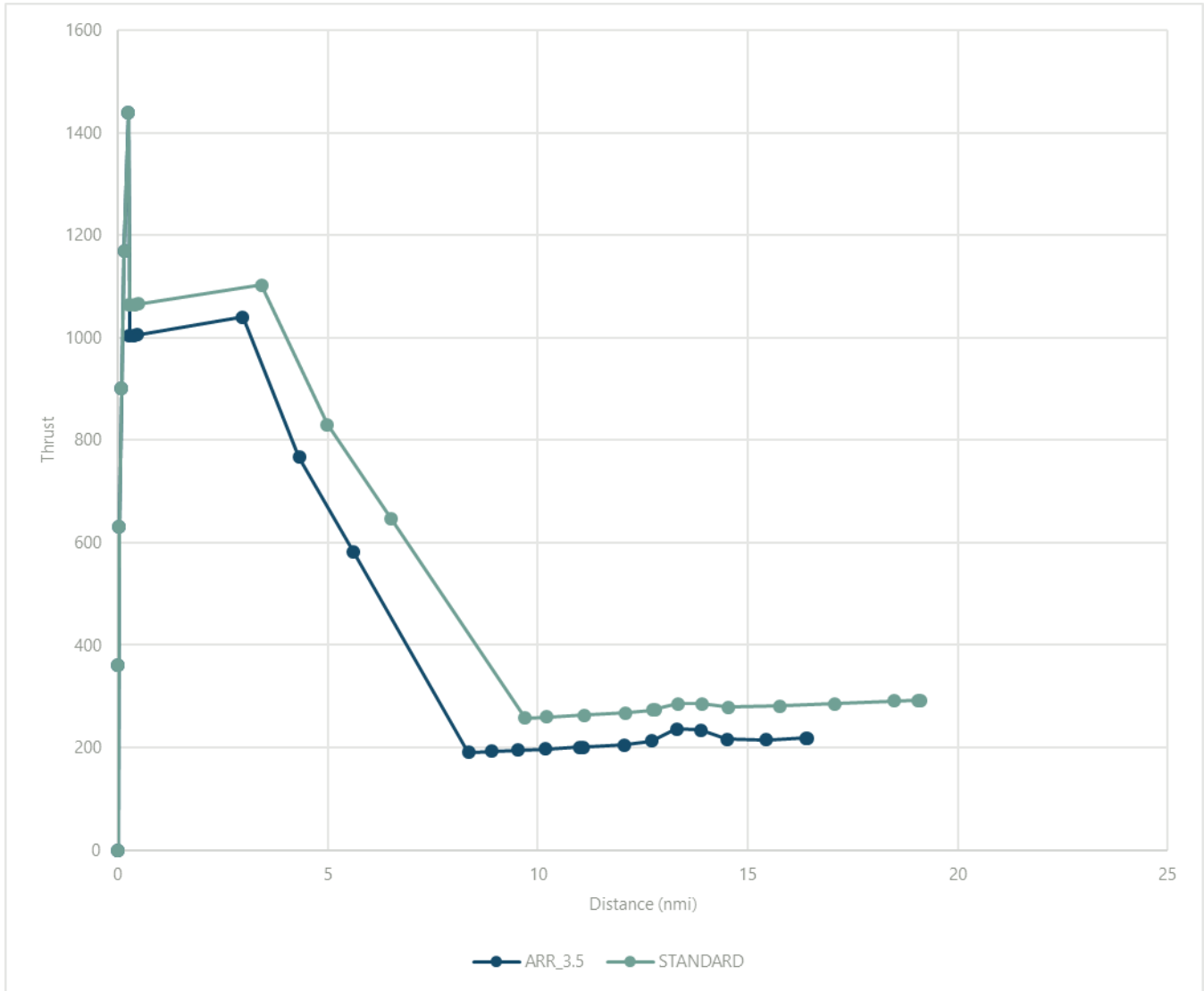
- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-113 CNA525C SPEED VERSUS CUMULATIVE DISTANCE



NOTES:
 nmi – nautical miles
 Thrust – net corrected thrust in pounds
 ARR_3.5 – user defined 3.5-degree approach performance profile
 Altitude – height above airfield elevation
 Distance – cumulative distance starting from end of landing roll on Runway 27
 Standard – AEDT Standard aircraft performance profile
 SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-114 CNA525C THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-39 CNA525C PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.42482	0	6016.4	268.9935	218.2187	19.12189	0	6016.4	268.9935	292.4634
16.37908	0.045744	5999.4	268.3976	218.0859	19.06851	0.053386	5999.4	268.4039	292.3183
15.4406	0.98422	5650.633	256.171	215.3619	18.47354	0.648352	5809.942	261.833	290.7015
14.50445	1.920378	5302.728	243.3484	216.3652	17.07081	2.051084	5363.262	245.6276	285.6818
13.87917	2.545655	5070.355	234.3936	234.7048	15.75767	3.364226	4945.11	229.4221	281.0074
13.30698	3.117843	4857.712	225.8882	236.2545	14.53411	4.587777	4555.488	213.2167	278.5765
12.70548	3.719342	4634.177	216.5873	213.2301	13.90884	5.213053	4356.378	204.4398	285.4904
12.06284	4.361986	4395.35	206.1872	205.1013	13.33665	5.785242	4174.172	196.0642	285.0975
11.0823	5.342526	4030.951	189.2204	201.0879	12.7878	6.334088	3999.4	187.6612	273.7985
10.9974	5.427425	3999.4	187.6135	200.7308	12.73515	6.38674	3982.634	186.8551	272.7146
10.18591	6.238917	3697.824	172.2537	197.3172	12.09251	7.029385	3777.993	176.4859	267.502
9.519072	6.905753	3450.007	158.4579	195.1246	11.10312	8.018776	3462.935	159.2071	263.666
8.907871	7.516954	3222.866	144.6621	192.9319	10.21558	8.906316	3180.311	141.9283	259.7676
8.352304	8.07252	3016.4	130.8662	190.7393	9.700838	9.421054	3016.4	130.8662	257.7513
5.61572	10.8091	1999.4	121.6553	581.3756	6.5071	12.61479	1999.4	121.6553	646.0257
4.316044	12.10878	1516.4	117.2807	766.8991	4.990311	14.13158	1516.4	117.2807	830.4274
2.970624	13.4542	1016.4	108.3273	1040.386	3.420135	15.70176	1016.4	108.3273	1102.86
0.457379	15.96745	82.4	106.7743	1005.824	0.487047	18.63484	82.4	106.7743	1066.222
0.376417	16.04841	52.31176	106.7239	1004.69	0.39256	18.72933	52.31176	106.7239	1065.021
0.279784	16.14504	16.4	106.6637	1003.336	0.279784	18.84211	16.4	106.6637	1063.585
0.246868	16.17796	16.4	109.8761	1440	0.246868	18.87502	16.4	109.8761	1440
0.158779	16.26605	16.4	89.9362	1170	0.158779	18.96311	16.4	89.9362	1170
0.088271	16.33655	16.4	69.99626	900	0.088271	19.03362	16.4	69.99626	900
0.035345	16.38948	16.4	50.05632	630	0.035345	19.08655	16.4	50.05632	630
0	16.42482	16.4	0	0	0	19.12189	16.4	0	0
0	16.42482	16.4	30.11638	360	0	19.12189	16.4	30.11638	360

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

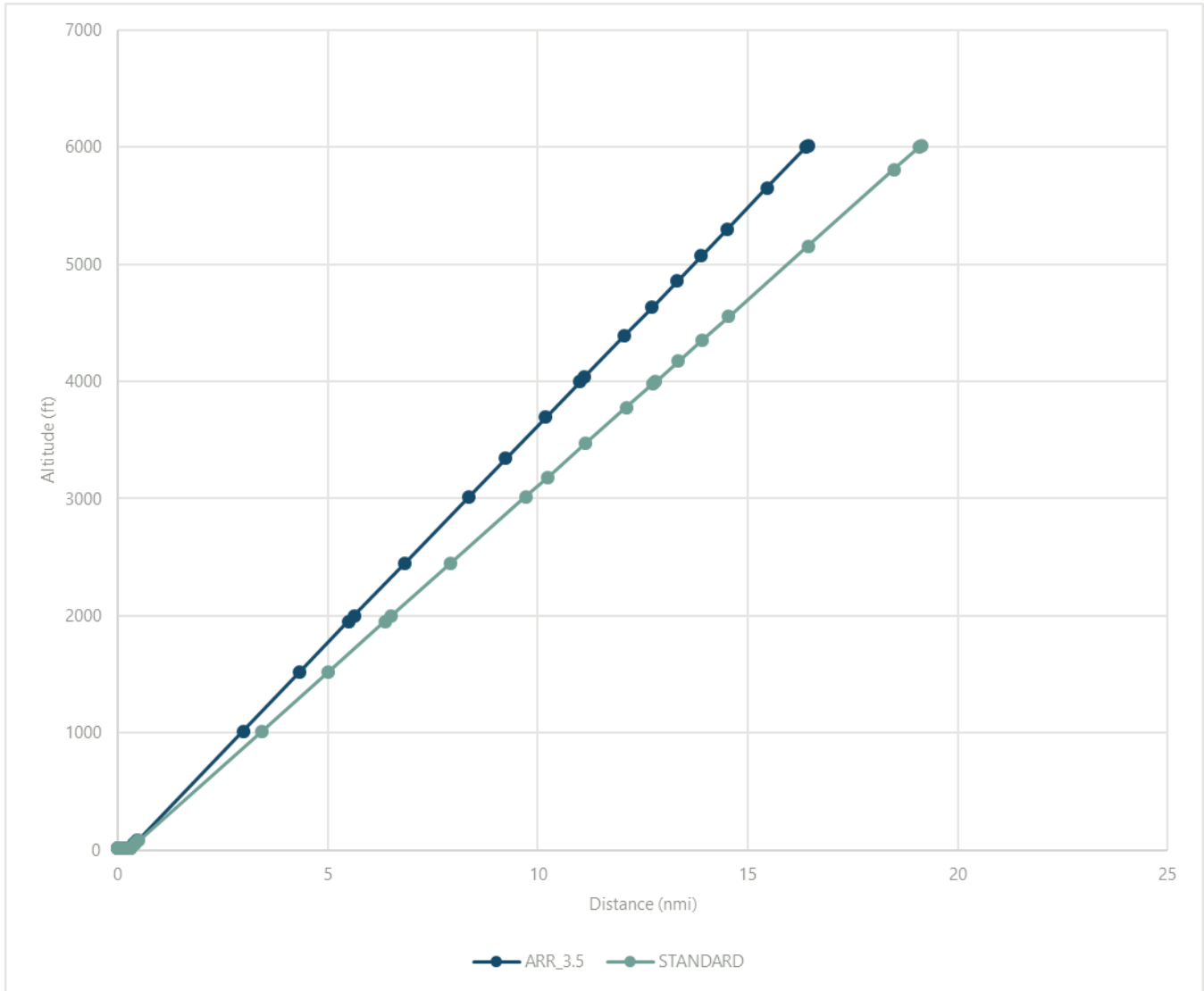
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

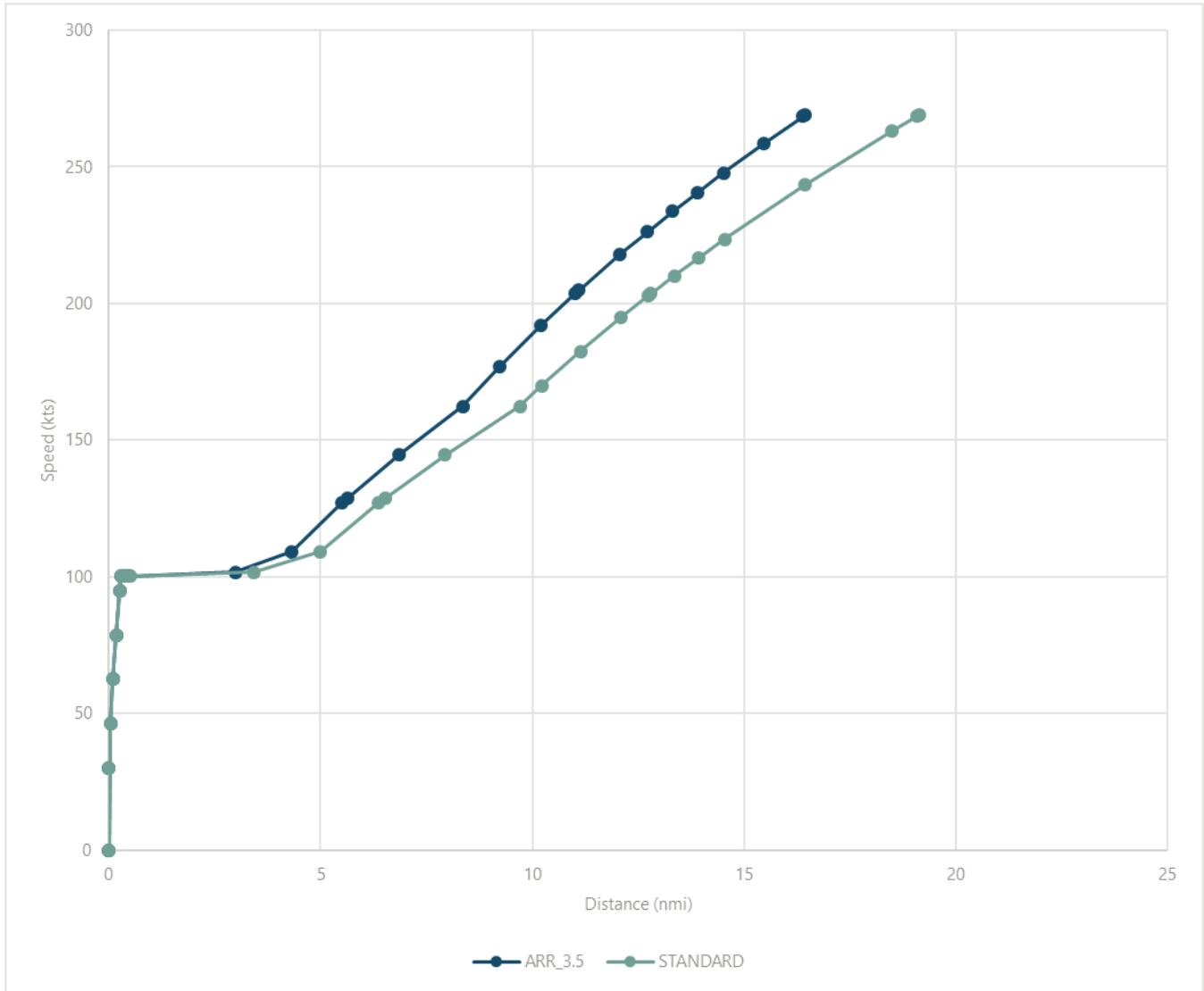
EXHIBIT C-115 CNA55B ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

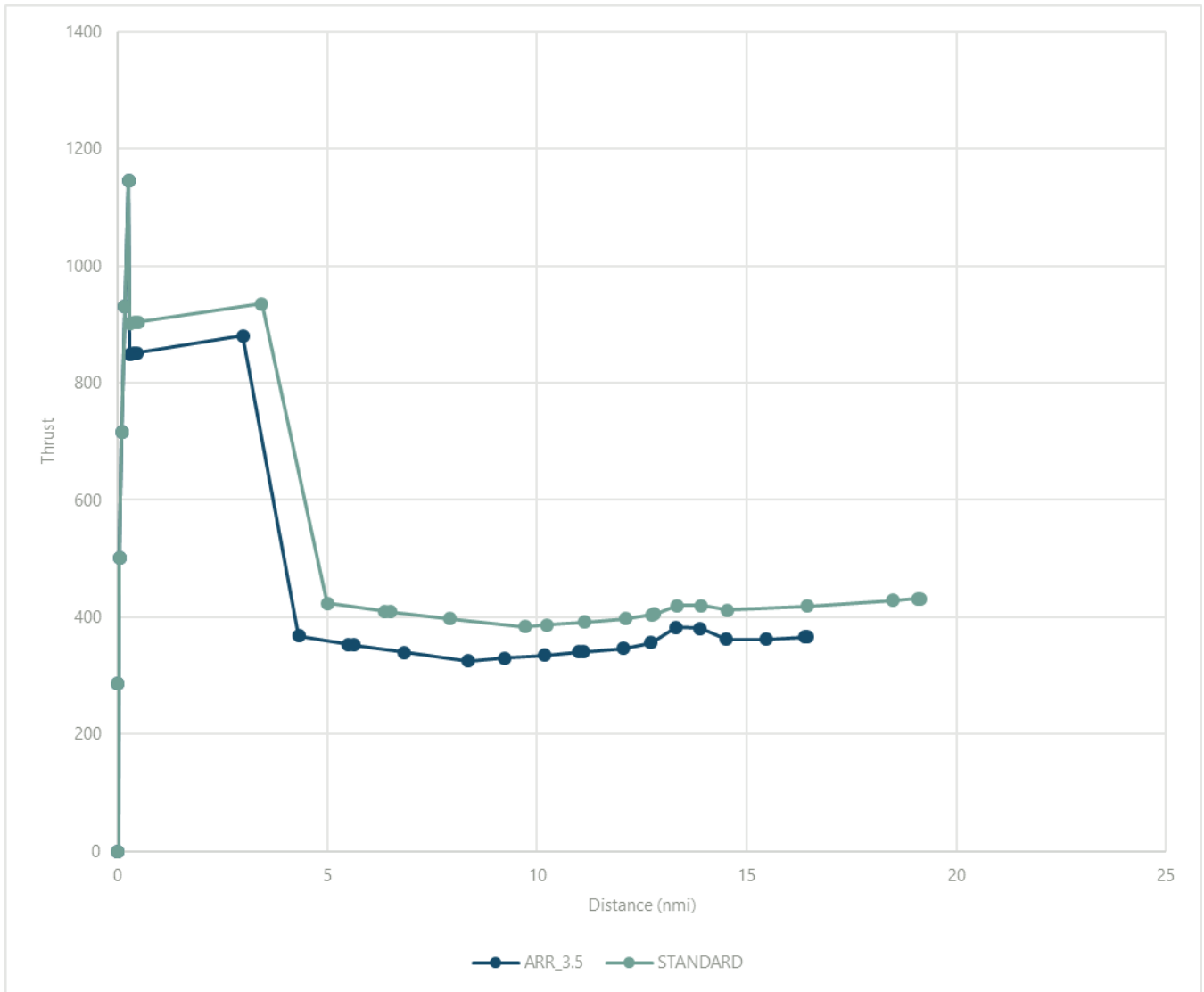
EXHIBIT C-116 CNA55B SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-117 CNA55B THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-40 CNA55B PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.43396	0	6016.4	268.9935	366.5909	19.13103	0	6016.4	268.9935	431.2556
16.38821	0.045744	5999.4	268.4993	366.3845	19.07764	0.053386	5999.4	268.5036	431.04
15.4541	0.979859	5652.254	258.4067	362.1696	18.48267	0.648352	5809.942	263.0435	428.6366
14.51358	1.920378	5302.728	247.8198	361.7989	16.43294	2.698084	5157.234	243.2772	418.6776
13.8883	2.545655	5070.355	240.5237	380.7703	14.54325	4.587777	4555.488	223.5109	411.7921
13.31612	3.117843	4857.712	233.6475	382.4427	13.91797	5.213053	4356.378	216.5736	420.1518
12.71462	3.719342	4634.177	226.1938	356.413	13.34578	5.785242	4174.172	210.0246	419.9008
12.07197	4.361986	4395.35	217.9488	346.4986	12.79694	6.334088	3999.4	203.535	405.3863
11.10362	5.330335	4035.481	204.8994	340.7846	12.74429	6.38674	3982.634	202.9124	403.9939
11.00653	5.427425	3999.4	203.505	340.1931	12.10164	7.029385	3777.993	195.0273	396.9972
10.19504	6.238917	3697.824	191.85	335.2487	11.13089	8.000138	3468.87	182.4714	391.8146
9.240064	7.193895	3342.925	177.1007	330.3564	10.22471	8.906316	3180.311	169.9155	386.371
8.361439	8.07252	3016.4	162.3515	325.464	9.709972	9.421054	3016.4	162.3515	383.6164
6.840349	9.59361	2451.116	144.6253	339.5973	7.934781	11.19624	2451.116	144.6253	396.8368
5.624854	10.8091	1999.4	128.6108	352.3658	6.516235	12.61479	1999.4	128.6108	408.7805
5.494929	10.93903	1951.116	126.899	353.7306	6.364605	12.76642	1951.116	126.899	410.0571
4.325178	12.10878	1516.4	109.1728	367.8639	4.999445	14.13158	1516.4	109.1728	423.2775
2.979758	13.4542	1016.4	101.7054	880.7319	3.429269	15.70176	1016.4	101.7054	935.2204
0.466514	15.96745	82.4	100.2426	851.4733	0.496181	18.63484	82.4	100.2426	904.1517
0.385551	16.04841	52.31176	100.1951	850.5136	0.401694	18.72933	52.31176	100.1951	903.1326
0.288918	16.14504	16.4	100.1384	849.3676	0.288918	18.84211	16.4	100.1384	901.9157
0.260035	16.17392	16.4	94.81794	1145.2	0.260035	18.87099	16.4	94.81794	1145.2
0.169776	16.26418	16.4	78.64255	930.475	0.169776	18.96125	16.4	78.64255	930.475
0.09635	16.33761	16.4	62.46716	715.75	0.09635	19.03468	16.4	62.46716	715.75
0.039758	16.3942	16.4	46.29177	501.025	0.039758	19.09127	16.4	46.29177	501.025
0	16.43396	16.4	0	0	0	19.13103	16.4	0	0
0	16.43396	16.4	30.11638	286.3	0	19.13103	16.4	30.11638	286.3

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

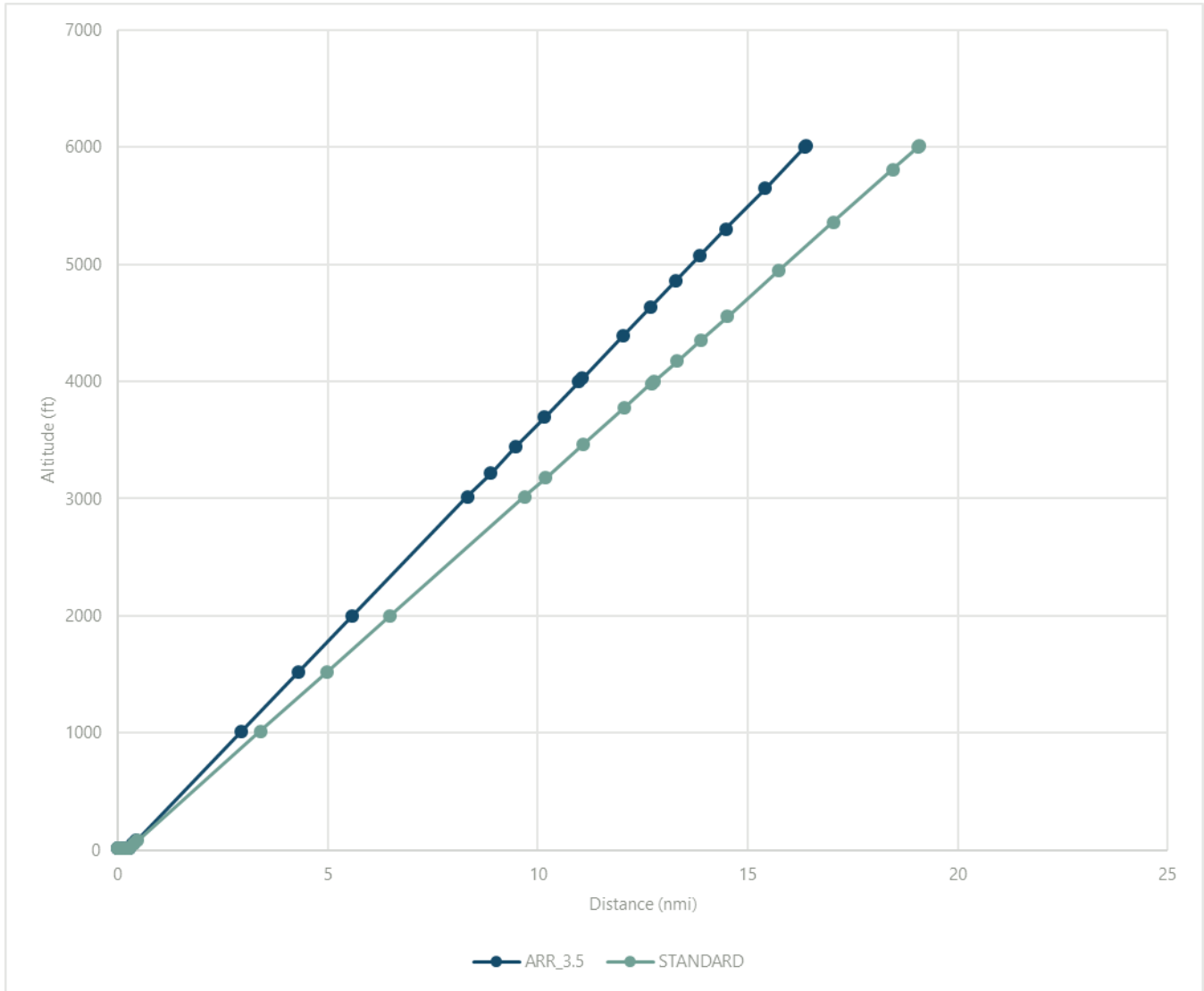
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

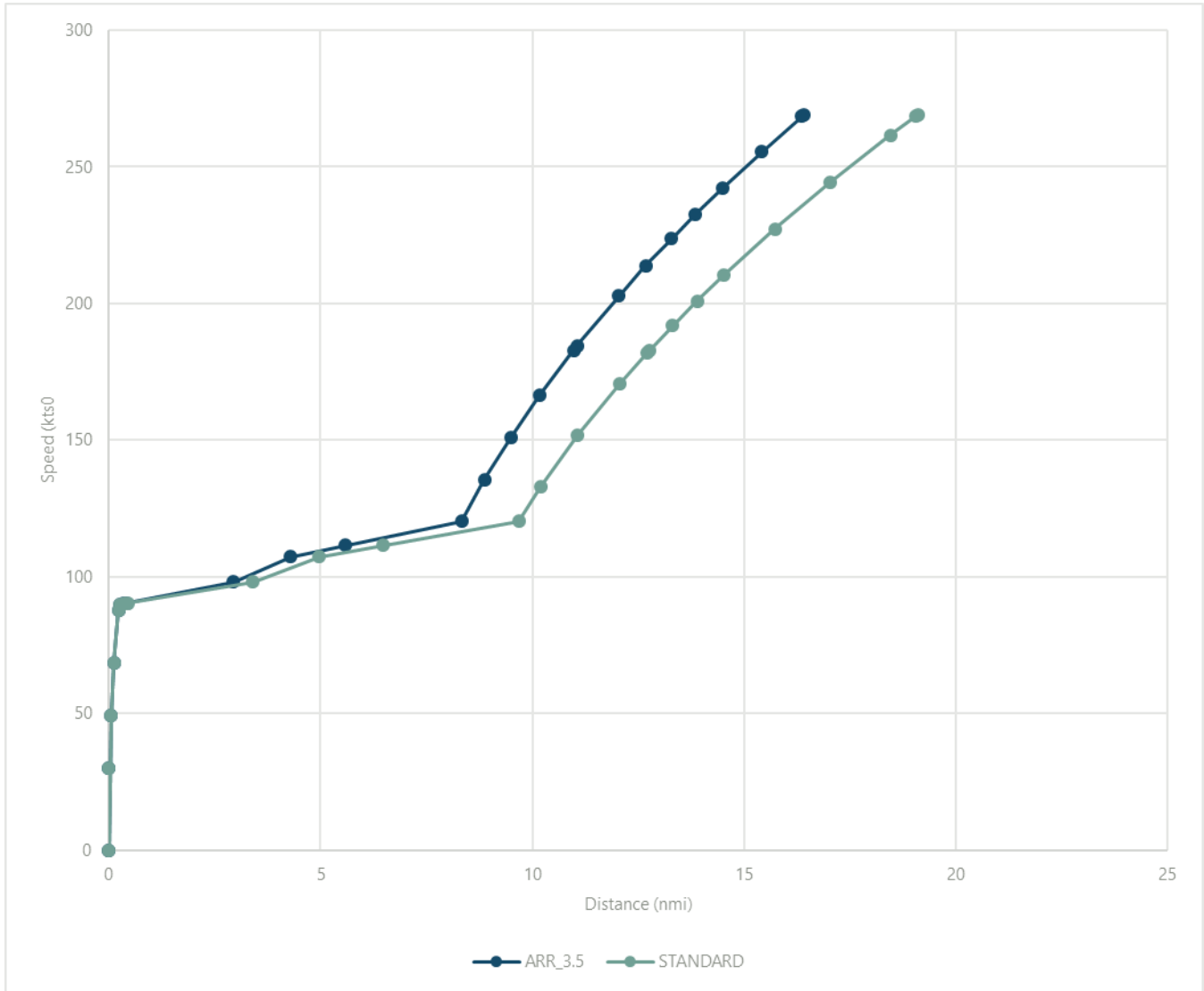
EXHIBIT C-118 CNA560U ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

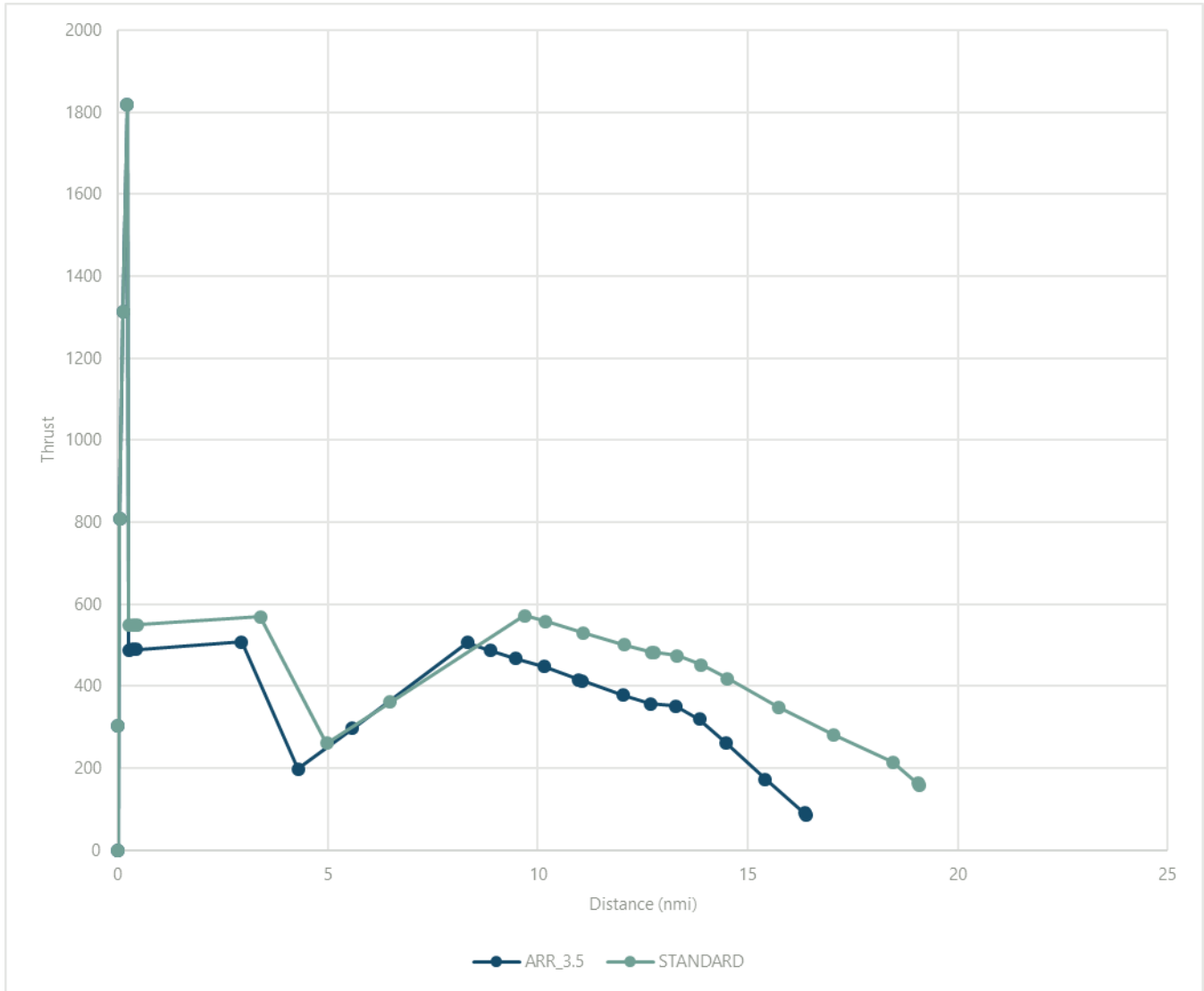
EXHIBIT C-119 CNA560U SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-120 CNA560U THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-41 CNA560U PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.4018	0	6016.4	268.9935	86.20316	19.09887	0	6016.4	268.9935	159.0109
16.35606	0.045744	5999.4	268.3683	90.20349	19.04548	0.053386	5999.4	268.3754	163.6272
15.41631	0.985495	5650.159	255.5248	172.3845	18.45052	0.648352	5809.942	261.4862	215.0741
14.48142	1.920378	5302.728	242.0561	262.5174	17.04216	2.056711	5361.47	244.3855	281.6109
13.85615	2.545655	5070.355	232.6131	318.8967	15.72901	3.369853	4943.318	227.2848	348.4662
13.28396	3.117843	4857.712	223.6226	351.7128	14.51109	4.587777	4555.488	210.1841	417.7112
12.68246	3.719342	4634.177	213.7644	357.1249	13.88581	5.213053	4356.378	200.8398	451.1584
12.03981	4.361986	4395.35	202.7027	378.0127	13.31362	5.785242	4174.172	191.8906	473.6002
11.05497	5.346835	4029.35	184.468	412.3187	12.76478	6.334088	3999.4	182.8741	482.278
10.97438	5.427425	3999.4	182.8207	415.4409	12.71213	6.38674	3982.634	182.0091	483.1105
10.16288	6.238917	3697.824	166.2333	446.879	12.06948	7.029385	3777.993	170.8213	501.085
9.48648	6.915321	3446.452	150.9459	466.6428	11.07236	8.026511	3460.472	151.8391	529.2578
8.875279	7.526522	3219.31	135.6585	486.4066	10.19255	8.906316	3180.311	132.8569	557.3871
8.32928	8.07252	3016.4	120.3711	506.1705	9.677813	9.421054	3016.4	120.3711	571.9919
5.592695	10.8091	1999.4	111.5261	297.2426	6.484076	12.61479	1999.4	111.5261	360.7542
4.29302	12.10878	1516.4	107.3254	198.0173	4.967286	14.13158	1516.4	107.3254	260.4318
2.9476	13.4542	1016.4	98.13975	507.1066	3.397111	15.70176	1016.4	98.13975	568.5071
0.434355	15.96745	82.4	90.33849	489.5728	0.464023	18.63484	82.4	90.33849	549.0316
0.353392	16.04841	52.31176	90.07594	488.9981	0.369535	18.72933	52.31176	90.07594	548.3934
0.256759	16.14504	16.4	89.76158	488.31	0.256759	18.84211	16.4	89.76158	547.6292
0.227958	16.17384	16.4	87.79079	1817.4	0.227958	18.87091	16.4	87.79079	1817.4
0.127193	16.27461	16.4	68.56599	1312.567	0.127193	18.97167	16.4	68.56599	1312.567
0.051207	16.35059	16.4	49.34119	807.7333	0.051207	19.04766	16.4	49.34119	807.7333
0	16.4018	16.4	0	0	0	19.09887	16.4	0	0
0	16.4018	16.4	30.11638	302.9	0	19.09887	16.4	30.11638	302.9

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

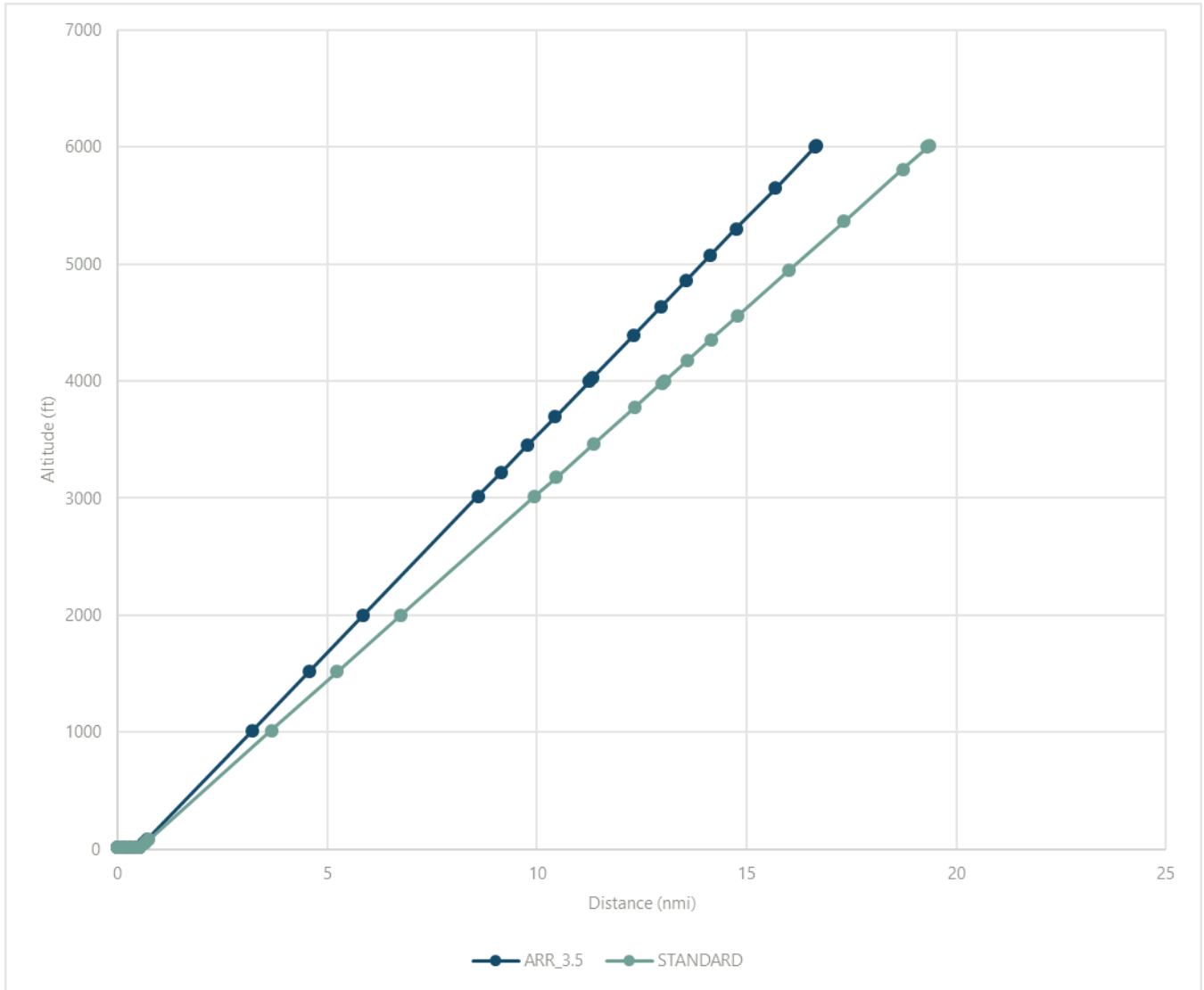
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

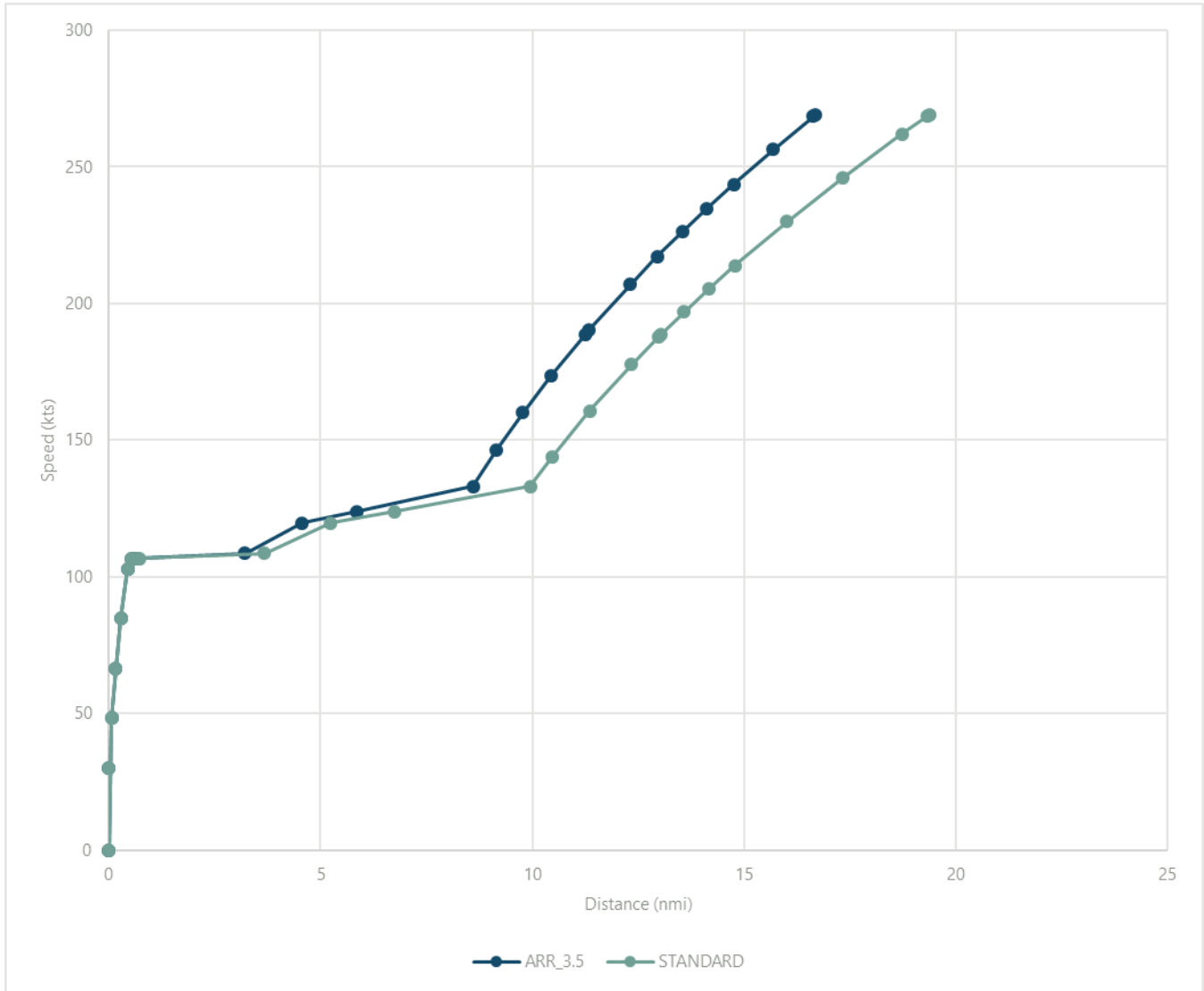
EXHIBIT C-121 CNA560XL ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

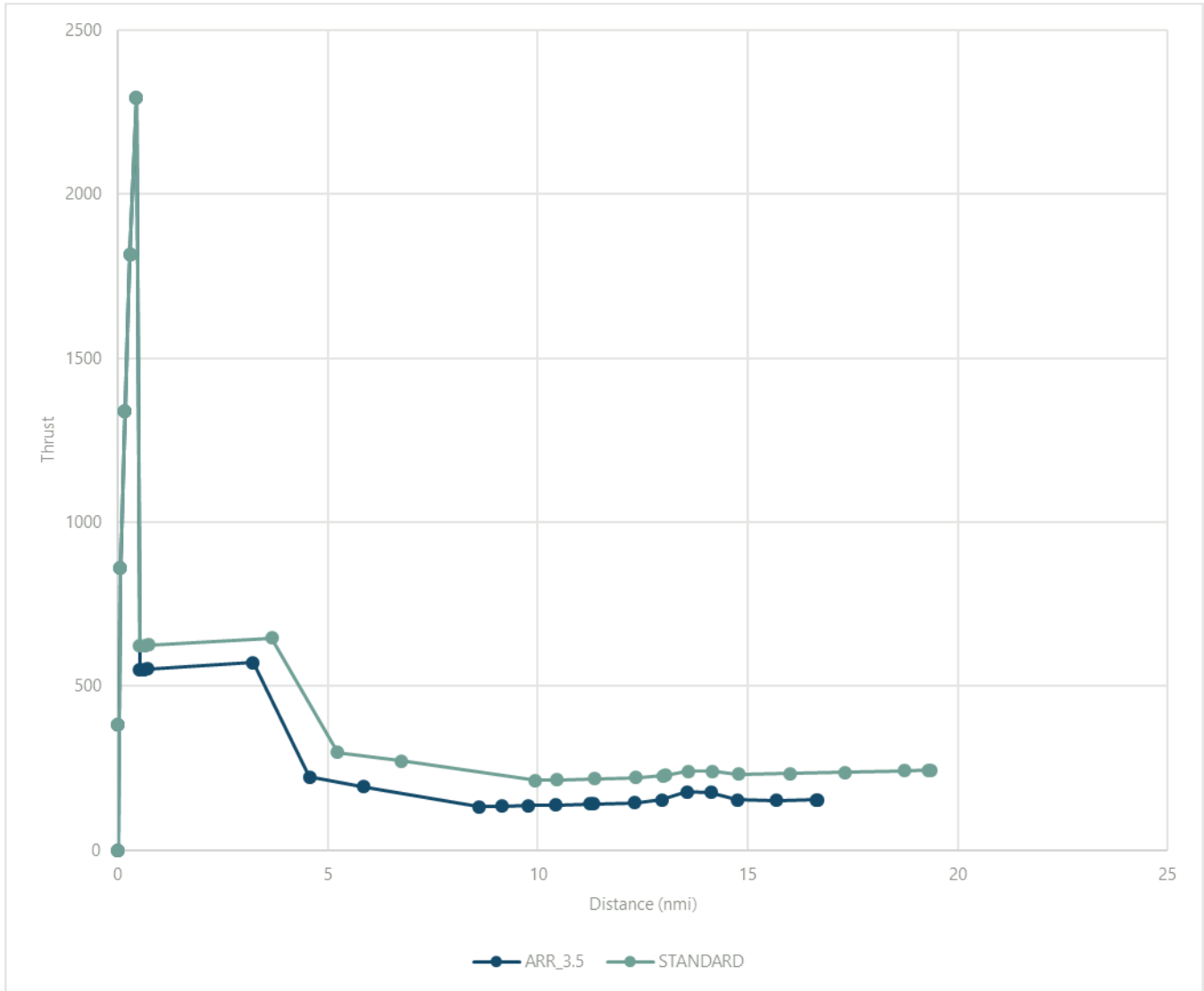
EXHIBIT C-122 CNA560XL SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-123 CNA560XL THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-42 CNA560XL PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.67169	0	6016.4	268.9935	153.7524	19.36876	0	6016.4	268.9935	243.3251
16.62595	0.045744	5999.4	268.4037	153.6535	19.31537	0.053386	5999.4	268.4099	243.2091
15.68774	0.983954	5650.732	256.3062	151.6254	18.72041	0.648352	5809.942	261.9058	241.9171
14.75131	1.920378	5302.728	243.6189	153.8001	17.31884	2.049923	5363.631	245.8866	237.4888
14.12604	2.545655	5070.355	234.7658	174.9854	16.00569	3.363065	4945.48	229.8674	233.4429
13.55385	3.117843	4857.712	226.3611	177.4156	14.78098	4.587777	4555.488	213.8482	231.9047
12.95235	3.719342	4634.177	217.1756	152.37	14.15571	5.213053	4356.378	205.1879	240.2442
12.30971	4.361986	4395.35	206.9116	144.0189	13.58352	5.785242	4174.172	196.9295	240.3705
11.33002	5.341675	4031.267	190.2016	140.6319	13.03467	6.334088	3999.4	188.6512	228.2123
11.24427	5.427425	3999.4	188.6046	140.3335	12.98202	6.38674	3982.634	187.857	227.0459
10.43278	6.238917	3697.824	173.4916	137.5104	12.33937	7.029385	3777.993	177.6527	221.8019
9.767691	6.904002	3450.658	159.9828	135.793	11.35143	8.017329	3463.396	160.7068	218.4095
9.15649	7.515203	3223.516	146.474	134.0757	10.46244	8.906316	3180.311	143.7609	214.9374
8.599173	8.07252	3016.4	132.9652	132.3584	9.947706	9.421054	3016.4	132.9652	213.1813
5.862588	10.8091	1999.4	123.9316	193.1256	6.753969	12.61479	1999.4	123.9316	271.0944
4.562912	12.10878	1516.4	119.6413	221.9855	5.237179	14.13158	1516.4	119.6413	298.5989
3.217492	13.4542	1016.4	108.5311	570.9785	3.667003	15.70176	1016.4	108.5311	646.3473
0.704248	15.96745	82.4	106.7884	551.9911	0.733915	18.63484	82.4	106.7884	624.8588
0.623285	16.04841	52.31176	106.7318	551.3683	0.639428	18.72933	52.31176	106.7318	624.154
0.526652	16.14504	16.4	106.6642	550.6246	0.526652	18.84211	16.4	106.6642	623.3123
0.444363	16.22733	16.4	102.849	2294.4	0.444363	18.9244	16.4	102.849	2294.4
0.287697	16.384	16.4	84.66583	1816.4	0.287697	19.08106	16.4	84.66583	1816.4
0.161414	16.51028	16.4	66.48268	1338.4	0.161414	19.20735	16.4	66.48268	1338.4
0.065515	16.60618	16.4	48.29953	860.4	0.065515	19.30324	16.4	48.29953	860.4
0	16.67169	16.4	0	0	0	19.36876	16.4	0	0
0	16.67169	16.4	30.11638	382.4	0	19.36876	16.4	30.11638	382.4

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

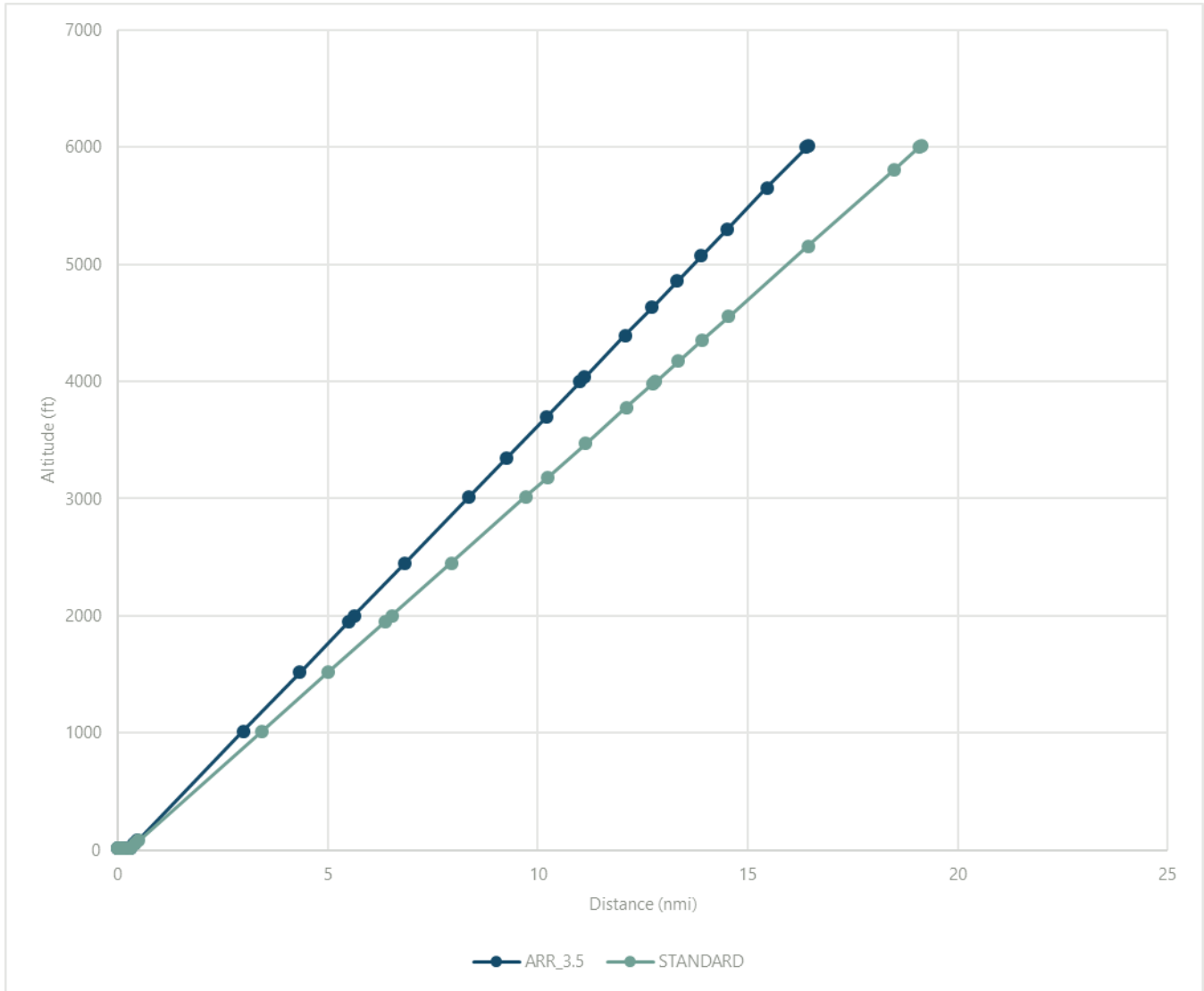
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

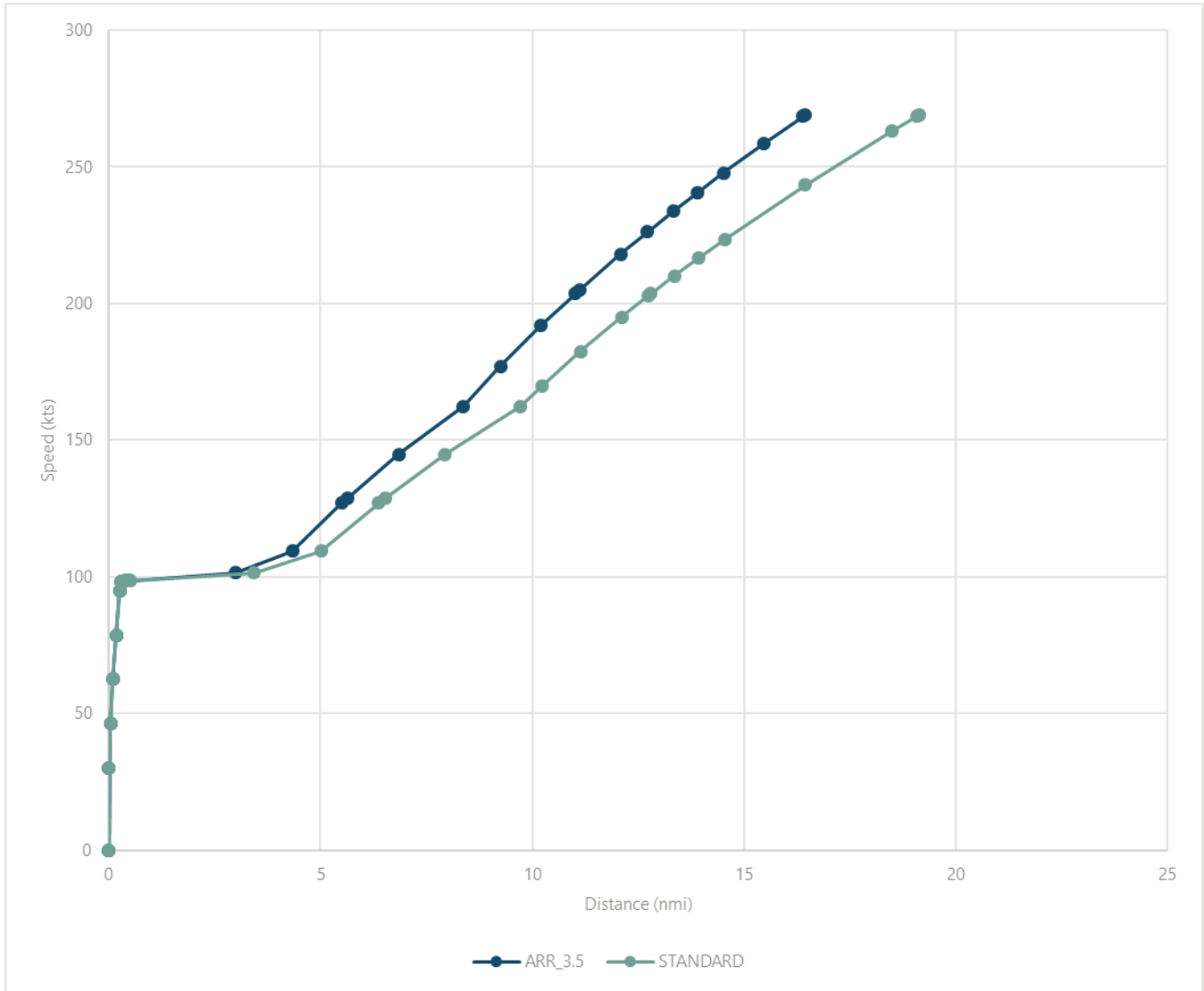
EXHIBIT C-124 CNA680 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

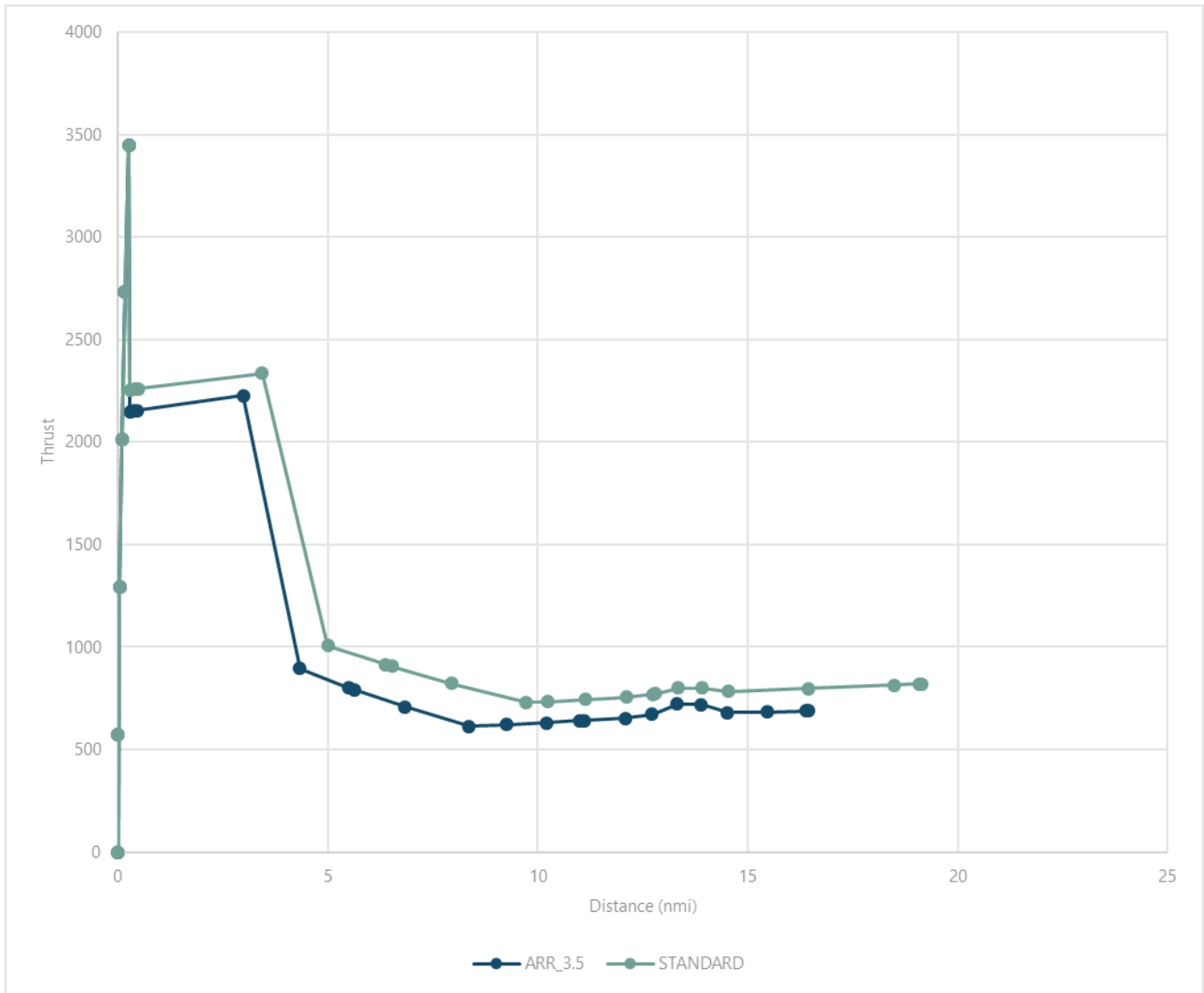
EXHIBIT C-125 CNA680 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-126 CNA680 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-43 CNA680 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.43799	0	6016.4	268.9935	690.3141	19.13506	0	6016.4	268.9935	820.1226
16.39225	0.045744	5999.4	268.4993	689.925	19.08167	0.053386	5999.4	268.5036	819.7139
15.45813	0.979859	5652.254	258.4067	681.9787	18.48671	0.648352	5809.942	263.0435	815.1587
14.51761	1.920378	5302.728	247.8198	681.6106	16.43697	2.698084	5157.234	243.2772	796.1625
13.89234	2.545655	5070.355	240.5237	719.1833	14.54728	4.587777	4555.488	223.5109	783.1982
13.32015	3.117843	4857.712	233.6475	722.6978	13.922	5.213053	4356.378	216.5736	799.8472
12.71865	3.719342	4634.177	226.1938	671.7111	13.34982	5.785242	4174.172	210.0246	799.5393
12.07601	4.361986	4395.35	217.9488	652.4593	12.80097	6.334088	3999.4	203.535	771.141
11.10766	5.330335	4035.481	204.8994	641.5938	12.74832	6.38674	3982.634	202.9124	768.4167
11.01057	5.427425	3999.4	203.505	640.4701	12.10567	7.029385	3777.993	195.0273	754.8663
10.19907	6.238917	3697.824	191.85	631.0779	11.13492	8.000138	3468.87	182.4714	744.9754
9.244096	7.193895	3342.925	177.1007	621.8291	10.22874	8.906316	3180.311	169.9155	734.5673
8.365471	8.07252	3016.4	162.3515	612.5803	9.714004	9.421054	3016.4	162.3515	729.316
6.845192	9.5928	2451.417	144.6937	706.933	7.939759	11.1953	2451.417	144.6937	821.8344
5.628886	10.8091	1999.4	128.7304	792.2309	6.520267	12.61479	1999.4	128.7304	905.4742
5.499772	10.93822	1951.417	127.0359	801.2856	6.369583	12.76547	1951.417	127.0359	914.3529
4.329211	12.10878	1516.4	109.378	895.6382	5.003477	14.13158	1516.4	109.378	1006.871
2.98379	13.4542	1016.4	101.3998	2226.819	3.433302	15.70176	1016.4	101.3998	2336.207
0.470546	15.96745	82.4	98.53702	2152.603	0.500214	18.63484	82.4	98.53702	2258.391
0.389583	16.04841	52.31176	98.44341	2150.169	0.405726	18.72933	52.31176	98.44341	2255.84
0.29295	16.14504	16.4	98.33157	2147.262	0.29295	18.84211	16.4	98.33157	2252.791
0.260035	16.17796	16.4	94.81794	3449.4	0.260035	18.87502	16.4	94.81794	3449.4
0.169776	16.26822	16.4	78.64255	2730.775	0.169776	18.96528	16.4	78.64255	2730.775
0.09635	16.34164	16.4	62.46716	2012.15	0.09635	19.03871	16.4	62.46716	2012.15
0.039758	16.39823	16.4	46.29177	1293.525	0.039758	19.0953	16.4	46.29177	1293.525
0	16.43799	16.4	0	0	0	19.13506	16.4	0	0
0	16.43799	16.4	30.11638	574.9	0	19.13506	16.4	30.11638	574.9

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

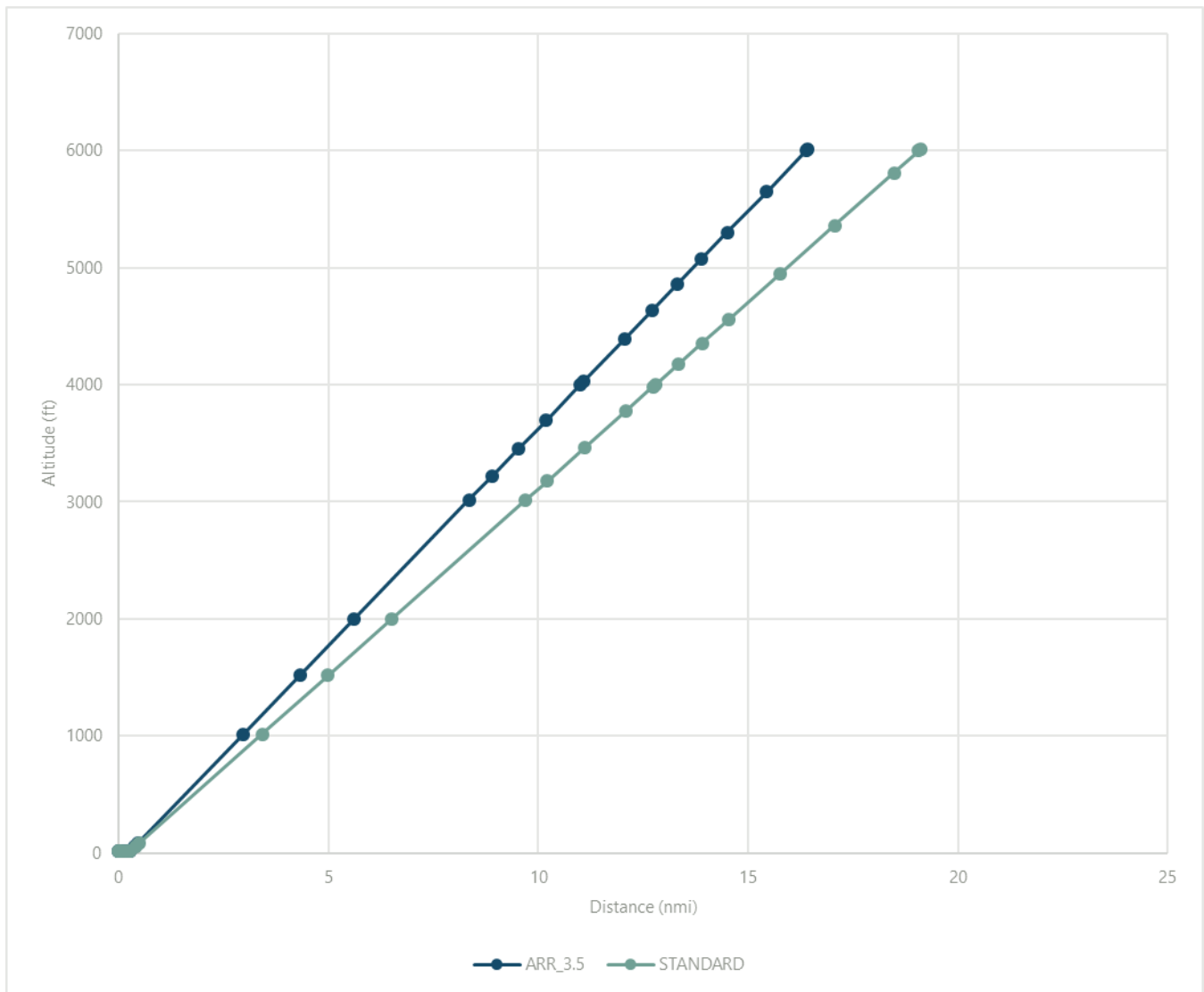
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

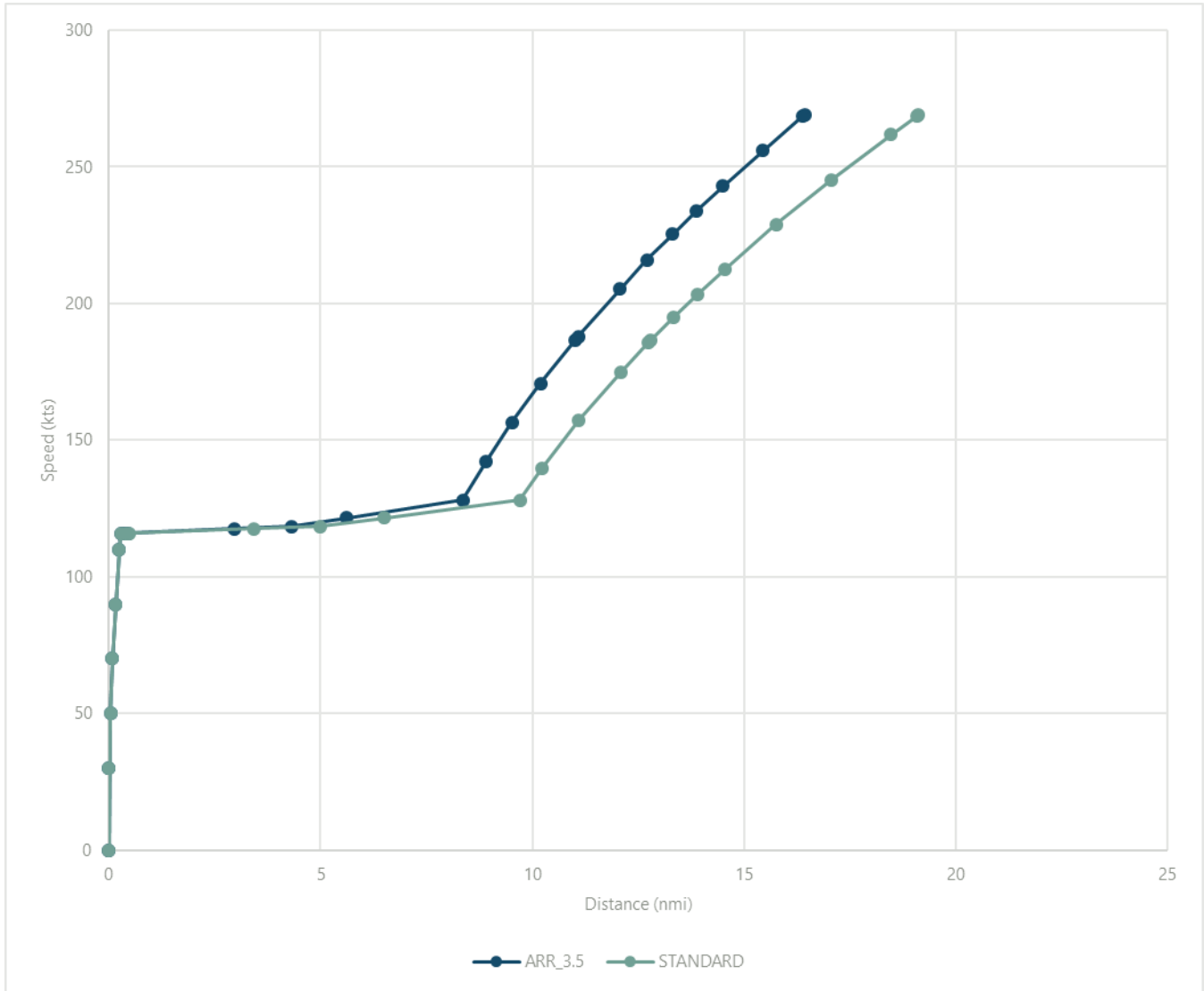
EXHIBIT C-127 CNA750 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

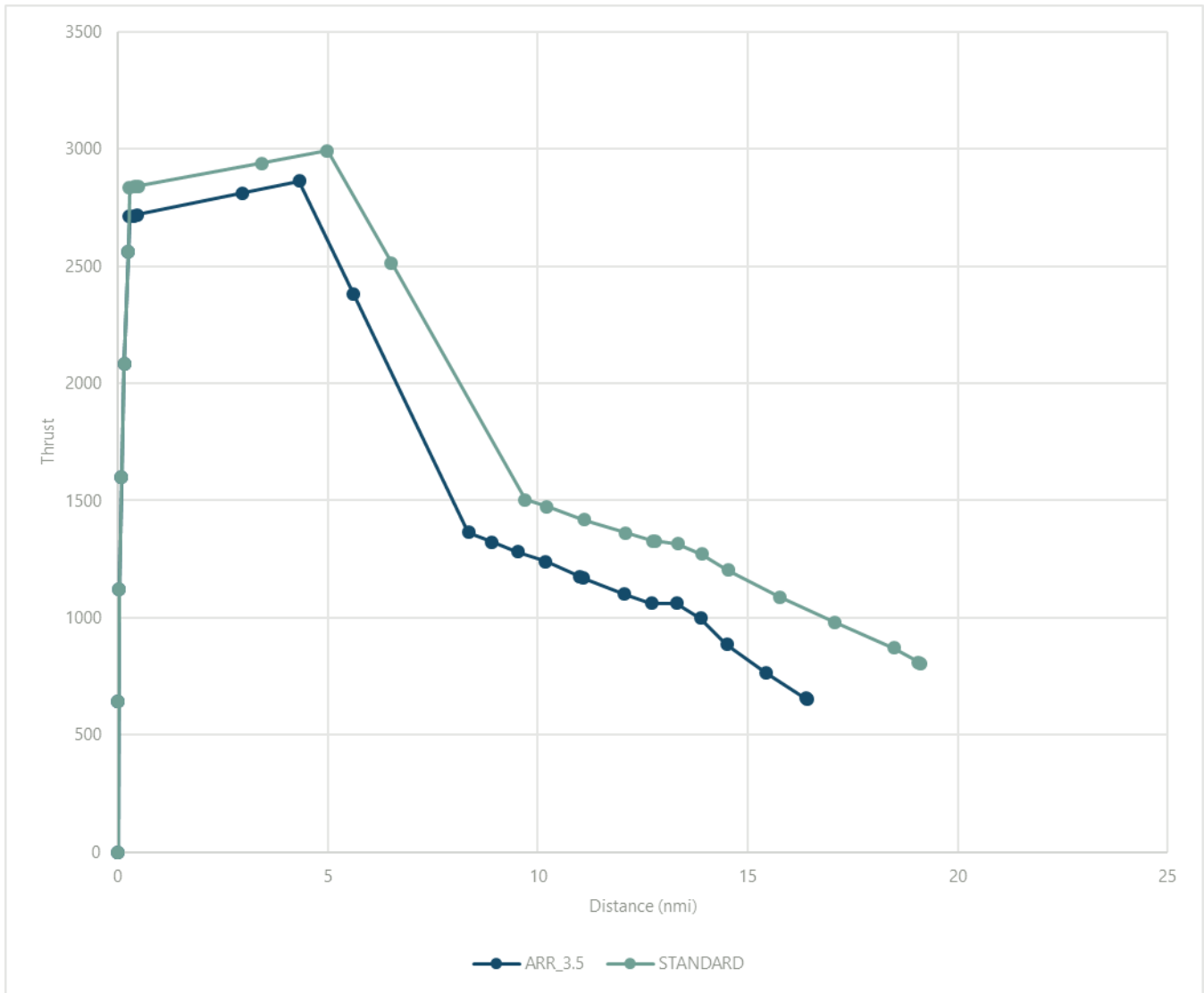
EXHIBIT C-128 CNA750 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-129 CNA750 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-44 CNA750 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.42482	0	6016.4	268.9935	652.2262	19.12189	0	6016.4	268.9935	804.5476
16.37908	0.045744	5999.4	268.3897	657.4566	19.06851	0.053386	5999.4	268.3963	810.0936
15.44026	0.984561	5650.507	255.9981	764.801	18.47354	0.648352	5809.942	261.7401	871.9016
14.50445	1.920378	5302.728	243.0027	886.827	17.06932	2.052576	5362.787	245.2961	979.8292
13.87917	2.545655	5070.355	233.9177	999.1284	15.75617	3.365718	4944.635	228.8521	1088.569
13.30698	3.117843	4857.712	225.2832	1061.936	14.53411	4.587777	4555.488	212.4081	1203.214
12.70548	3.719342	4634.177	215.8343	1061.935	13.90884	5.213053	4356.378	203.4811	1271.546
12.06284	4.361986	4395.35	205.259	1100.154	13.33665	5.785242	4174.172	194.9542	1315.452
11.08119	5.343638	4030.538	187.9599	1169.779	12.7878	6.334088	3999.4	186.3902	1326.969
10.9974	5.427425	3999.4	186.341	1176.35	12.73515	6.38674	3982.634	185.5686	1328.074
10.18591	6.238917	3697.824	170.6608	1239.992	12.09251	7.029385	3777.993	174.9856	1361.499
9.516718	6.908107	3449.132	156.4864	1281.811	11.10119	8.020706	3462.321	157.2702	1417.533
8.905517	7.519308	3221.991	142.312	1323.629	10.21558	8.906316	3180.311	139.5547	1473.4
8.352304	8.07252	3016.4	128.1375	1365.448	9.700838	9.421054	3016.4	128.1375	1502.985
5.61572	10.8091	1999.4	121.6116	2381.16	6.5071	12.61479	1999.4	121.6116	2513.796
4.316044	12.10878	1516.4	118.5123	2863.548	4.990311	14.13158	1516.4	118.5123	2993.857
2.970624	13.4542	1016.4	117.5981	2811.834	3.420135	15.70176	1016.4	117.5981	2939.789
0.457379	15.96745	82.4	115.9185	2718.422	0.487047	18.63484	82.4	115.9185	2842.127
0.376417	16.04841	52.31176	115.864	2715.358	0.39256	18.72933	52.31176	115.864	2838.923
0.279784	16.14504	16.4	115.7989	2711.7	0.279784	18.84211	16.4	115.7989	2835.098
0.246868	16.17796	16.4	109.8761	2562.8	0.246868	18.87502	16.4	109.8761	2562.8
0.158779	16.26605	16.4	89.9362	2082.275	0.158779	18.96311	16.4	89.9362	2082.275
0.088271	16.33655	16.4	69.99626	1601.75	0.088271	19.03362	16.4	69.99626	1601.75
0.035345	16.38948	16.4	50.05632	1121.225	0.035345	19.08655	16.4	50.05632	1121.225
0	16.42482	16.4	0	0	0	19.12189	16.4	0	0
0	16.42482	16.4	30.11638	640.7	0	19.12189	16.4	30.11638	640.7

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

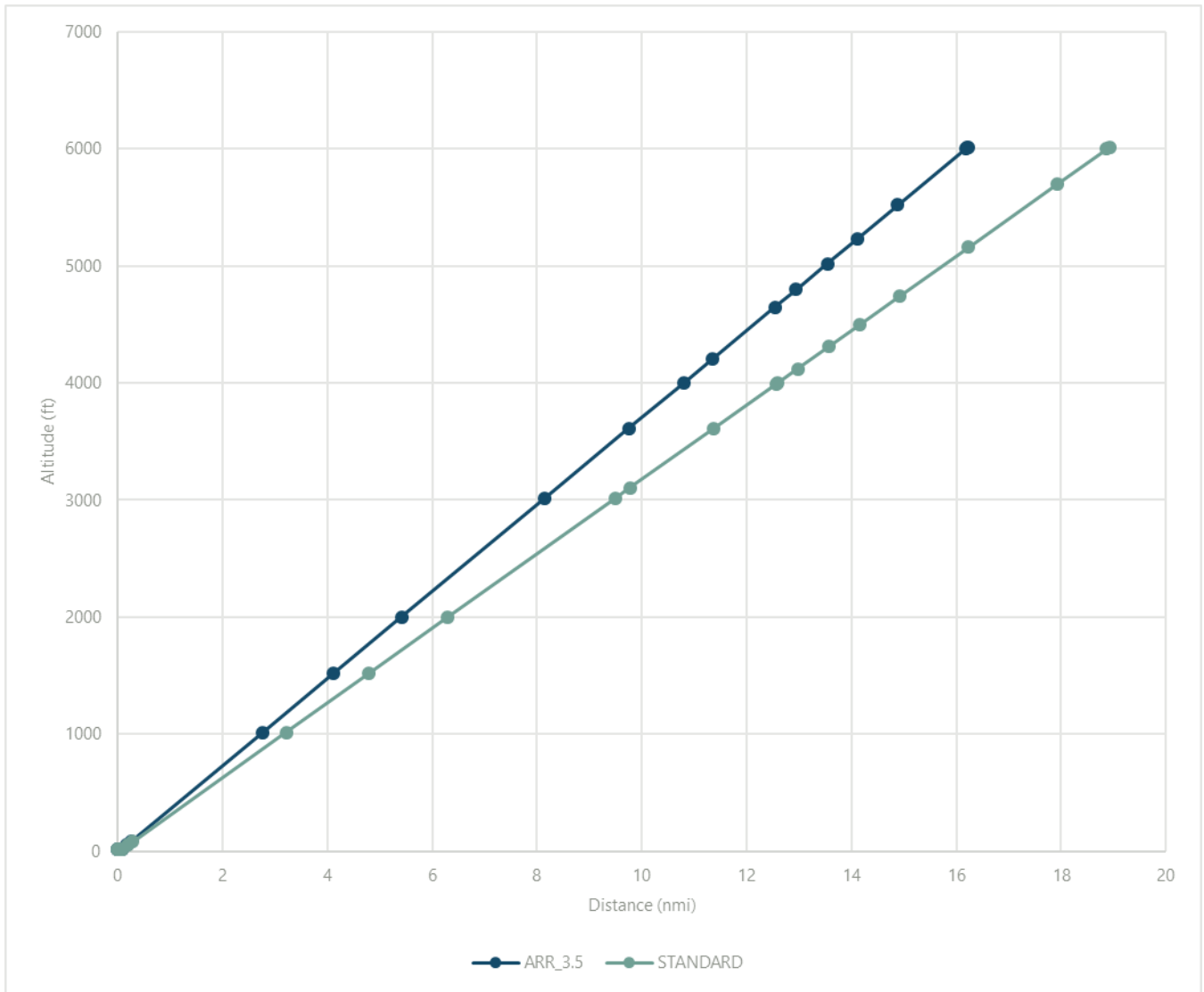
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

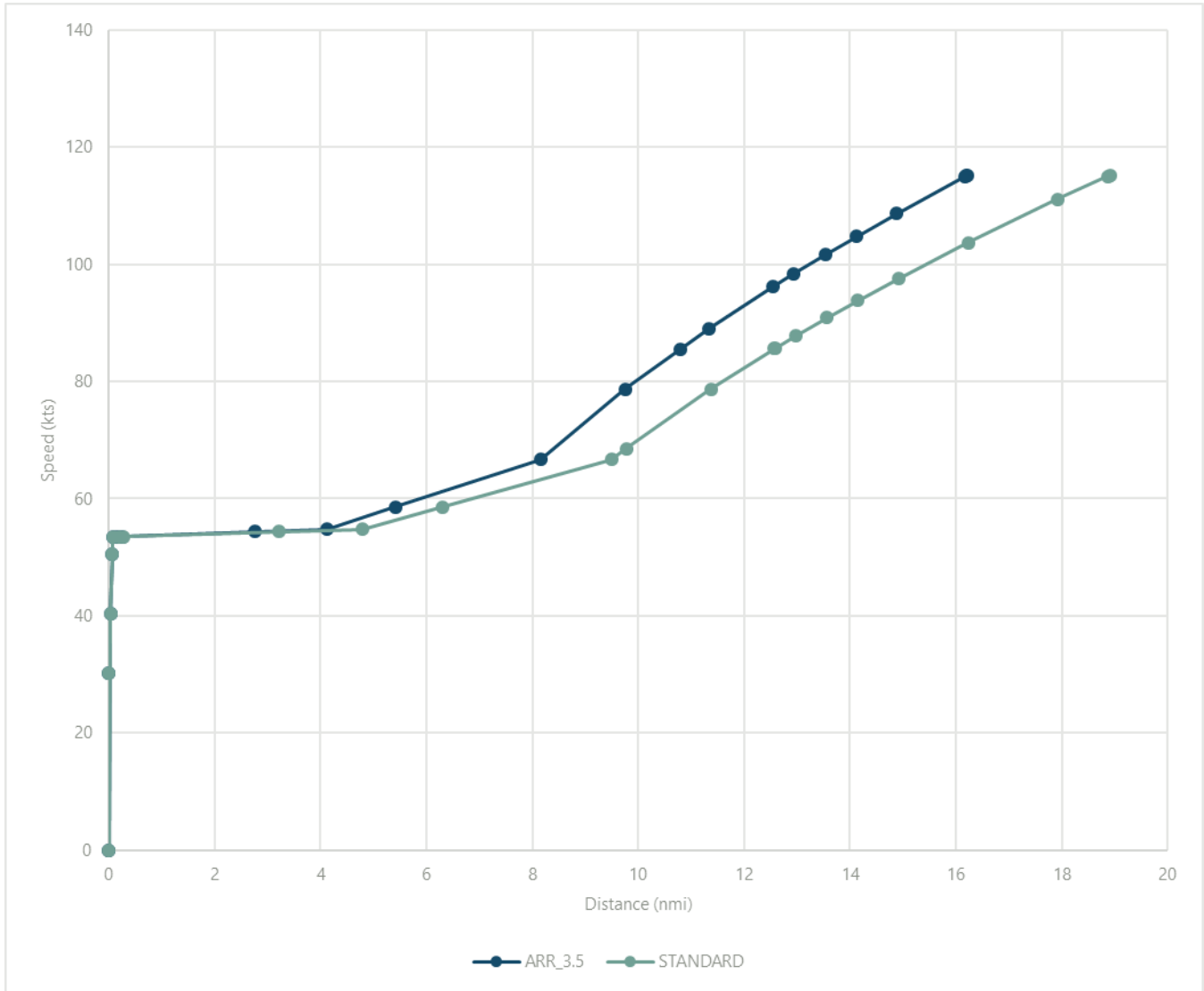
EXHIBIT C-130 COMSEP ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

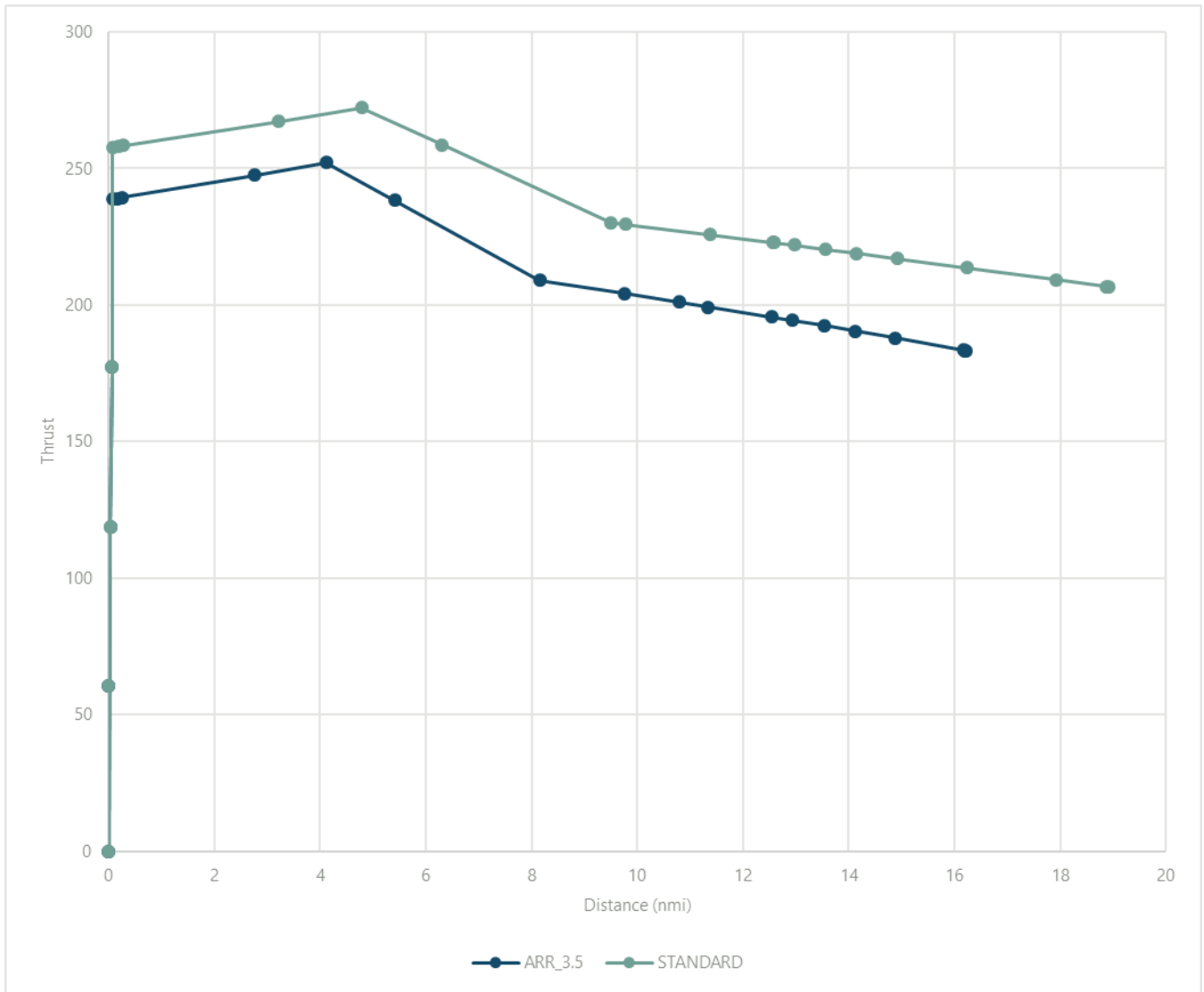
EXHIBIT C-131 COMSEP SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-132 COMSEP THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-45 COMSEP PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.22206	0	6016.4	115.238	183.3222	18.91913	0	6016.4	115.238	206.6128
16.20462	0.017447	6009.916	115.155	183.3818	18.86574	0.053386	5999.4	115.0166	206.7531
16.17632	0.045744	5999.4	115.0166	183.4785	17.92192	0.997213	5698.852	111.1042	209.2329
14.88537	1.336698	5519.641	108.7019	187.8895	16.23428	2.684846	5161.449	103.7338	213.5938
14.12137	2.100694	5235.717	104.7832	190.4734	14.91503	4.004097	4741.353	97.58536	216.9417
13.53715	2.684909	5018.604	101.6849	192.4626	14.15104	4.768093	4498.069	93.84069	218.9334
12.94296	3.279109	4797.781	98.43357	194.4359	13.56682	5.352308	4312.034	90.87315	220.4336
12.54299	3.679072	4649.142	96.1832	195.6813	12.97262	5.946507	4122.82	87.75202	221.9406
11.34356	4.878508	4203.395	89.09449	199.2792	12.58504	6.334088	3999.4	85.6541	222.8584
10.79464	5.427425	3999.4	85.51208	200.9816	12.57266	6.346471	3995.457	85.58707	222.8877
9.748908	6.473155	3610.774	78.6873	204.2249	11.37322	7.545907	3613.514	78.73859	225.6845
8.149543	8.07252	3016.4	66.63625	209.0677	9.778576	9.140554	3105.721	68.58259	229.5121
5.412959	10.8091	1999.4	58.59617	238.2473	9.498077	9.421054	3016.4	66.63625	230.1788
4.113283	12.10878	1516.4	54.77773	252.1055	6.304339	12.61479	1999.4	58.59617	258.6748
2.767863	13.4542	1016.4	54.33308	247.5525	4.78755	14.13158	1516.4	54.77773	272.2084
0.254618	15.96745	82.4	53.53482	239.3304	3.217374	15.70176	1016.4	54.33308	267.2924
0.173656	16.04841	52.31176	53.50891	239.0607	0.284286	18.63484	82.4	53.53482	258.4142
0.077023	16.14504	16.4	53.47796	238.7387	0.189798	18.72933	52.31176	53.50891	258.123
0.069321	16.15274	16.4	50.44647	177.265	0.077023	18.84211	16.4	53.47796	257.7753
0.030287	16.19178	16.4	40.28143	118.8825	0.069321	18.84981	16.4	50.44647	177.265
0	16.22206	16.4	0	0	0.030287	18.88884	16.4	40.28143	118.8825
0	16.22206	16.4	30.11638	60.5	0	18.91913	16.4	0	0
					0	18.91913	16.4	30.11638	60.5

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

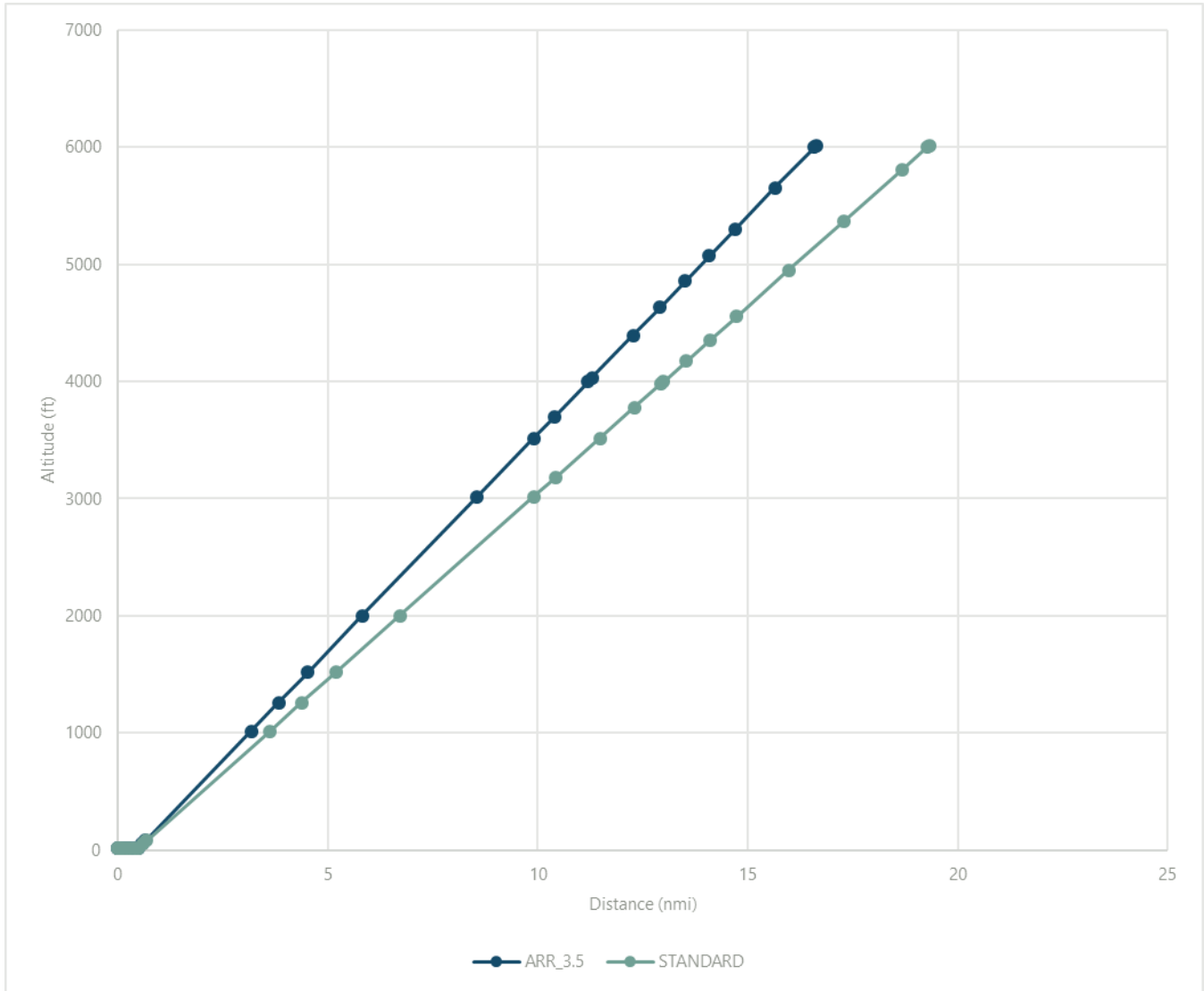
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

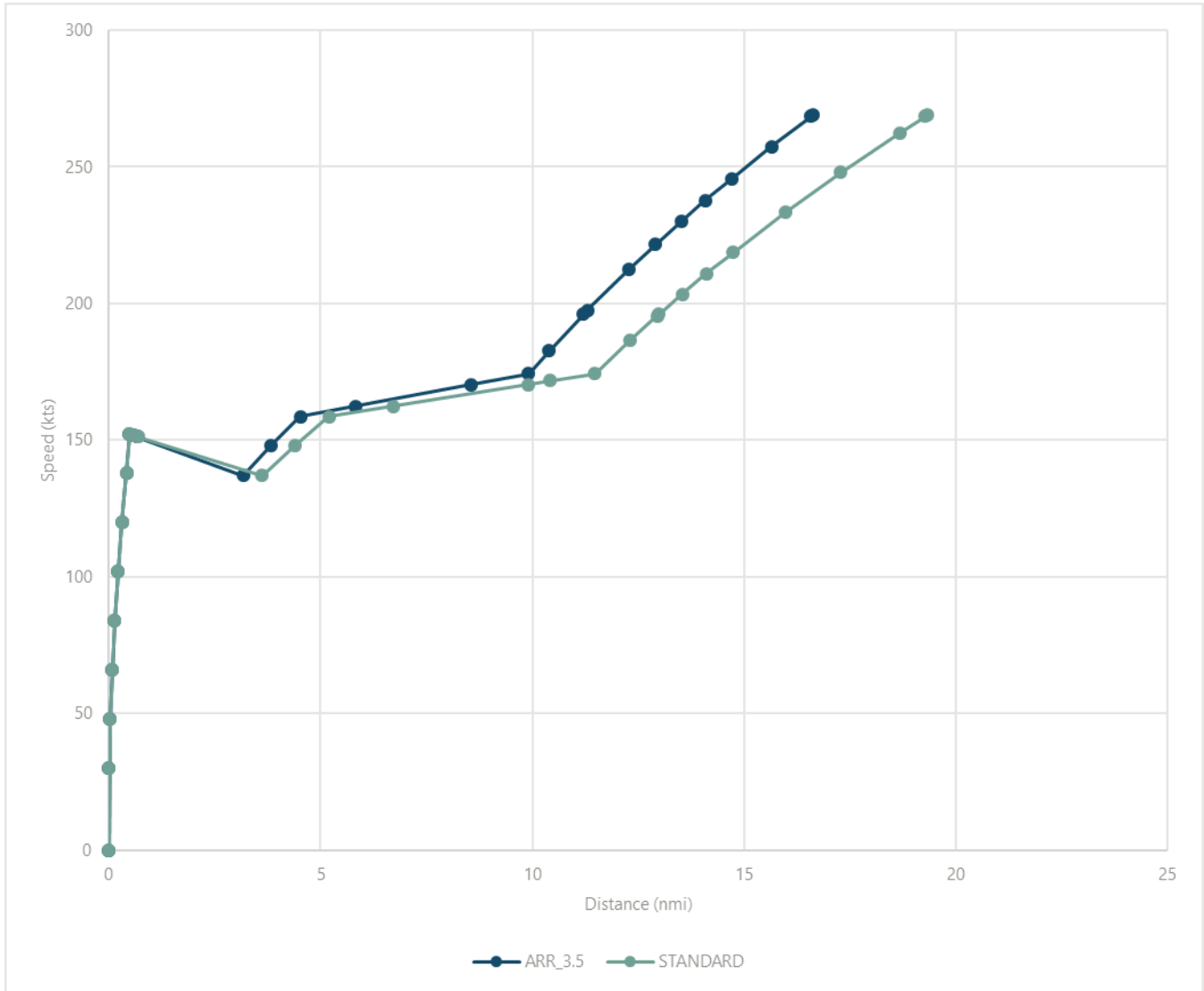
EXHIBIT C-133 CRJ9-ER ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

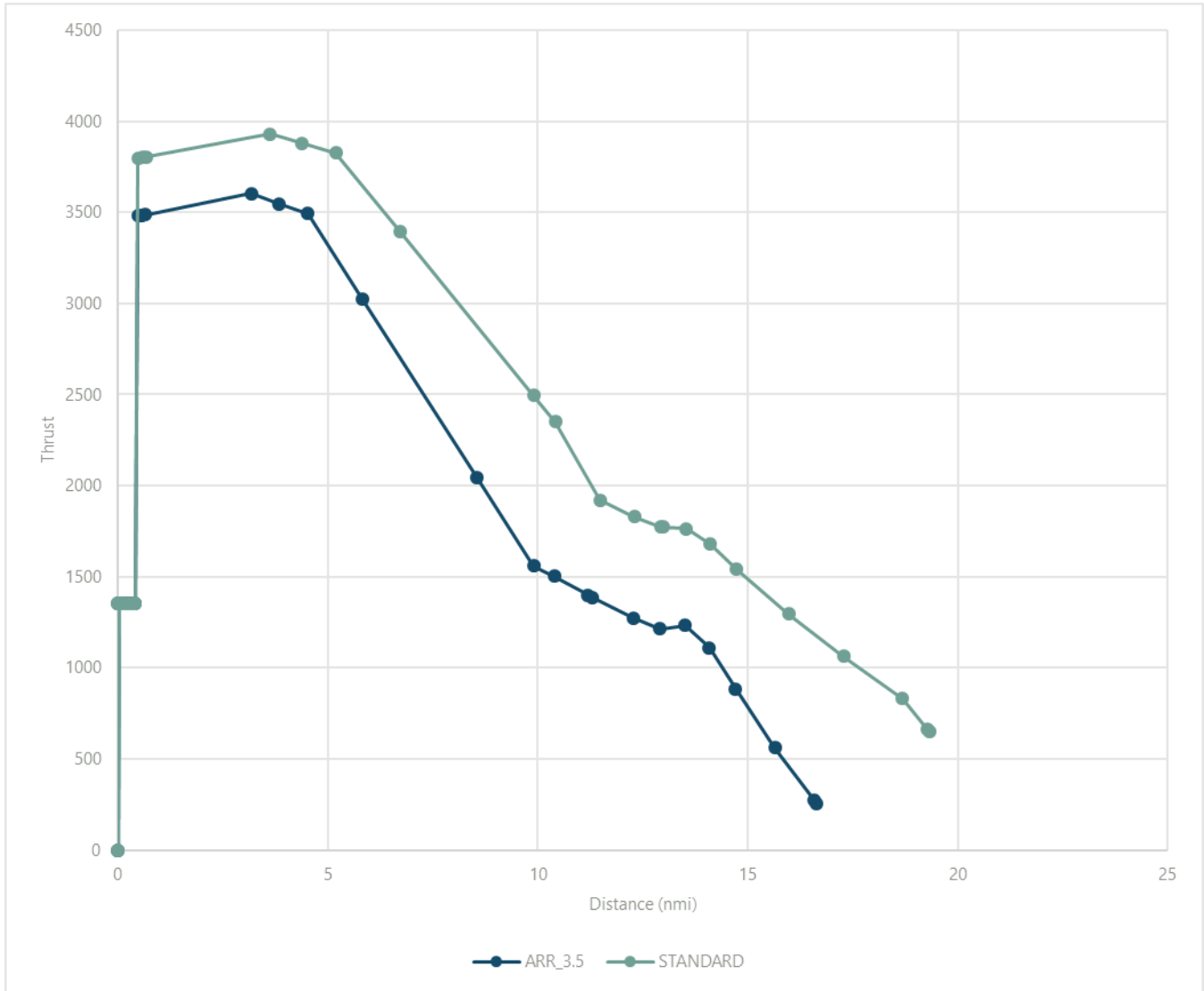
EXHIBIT C-134 CRJ9-ER SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-135 CRJ9-ER THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-46 CRJ9-ER PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.62953	0	6016.4	268.9935	257.1725	19.32659	0	6016.4	268.9935	648.3543
16.58378	0.045744	5999.4	268.4507	271.3097	19.27321	0.053386	5999.4	268.4559	663.5338
15.6476	0.981927	5651.485	257.3416	560.6361	18.67824	0.648352	5809.942	262.4647	832.7036
14.70915	1.920378	5302.728	245.6896	884.078	17.28536	2.04123	5366.399	247.8578	1062.828
14.08387	2.545655	5070.355	237.6092	1111.059	15.97222	3.354372	4948.248	233.2508	1294.599
13.51168	3.117843	4857.712	229.9661	1231.699	14.73882	4.587777	4555.488	218.6439	1539.435
12.91019	3.719342	4634.177	221.6475	1213.835	14.11354	5.213053	4356.378	210.8527	1677.58
12.26754	4.361986	4395.35	212.4002	1273.443	13.54135	5.785242	4174.172	203.4618	1762.605
11.29385	5.335683	4033.494	197.5663	1388.411	12.99251	6.334088	3999.4	196.0975	1773.282
11.2021	5.427425	3999.4	196.0596	1400.199	12.93985	6.38674	3982.634	195.391	1774.307
10.39061	6.238917	3697.824	182.7323	1504.471	12.29721	7.029385	3777.993	186.3825	1831.049
9.902428	6.7271	3516.4	174.1897	1560.567	11.47572	7.850878	3516.4	174.1897	1920.106
8.557008	8.07252	3016.4	170.3026	2043.68	10.42028	8.906316	3180.311	171.6754	2349.94
5.820423	10.8091	1999.4	162.3964	3026.332	9.905541	9.421054	3016.4	170.3914	2495.342
4.520747	12.10878	1516.4	158.6415	3493.019	6.711804	12.61479	1999.4	162.425	3397.502
3.823484	12.80604	1257.275	147.8489	3548.269	5.195014	14.13158	1516.4	158.6415	3825.961
3.175327	13.4542	1016.4	137.0564	3603.519	4.381272	14.94532	1257.275	147.8489	3878.575
0.662083	15.96745	82.4	151.351	3487.904	3.624838	15.70176	1016.4	137.0564	3931.189
0.58112	16.04841	52.31176	151.7891	3484.107	0.69175	18.63484	82.4	151.351	3804.103
0.484487	16.14504	16.4	152.3104	3479.589	0.597263	18.72933	52.31176	151.7891	3799.929
0.416055	16.21347	16.4	137.9848	1352.5	0.484487	18.84211	16.4	152.3104	3794.962
0.309633	16.3199	16.4	120.0067	1352.5	0.416055	18.91054	16.4	137.9848	1352.5
0.218042	16.41149	16.4	102.0286	1352.5	0.309633	19.01696	16.4	120.0067	1352.5
0.141283	16.48824	16.4	84.05057	1352.5	0.218042	19.10855	16.4	102.0286	1352.5
0.079357	16.55017	16.4	66.07251	1352.5	0.141283	19.18531	16.4	84.05057	1352.5
0.032262	16.59727	16.4	48.09445	1352.5	0.079357	19.24724	16.4	66.07251	1352.5
0	16.62953	16.4	0	0	0.032262	19.29433	16.4	48.09445	1352.5
0	16.62953	16.4	30.11638	1352.5	0	19.32659	16.4	0	0
					0	19.32659	16.4	30.11638	1352.5

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

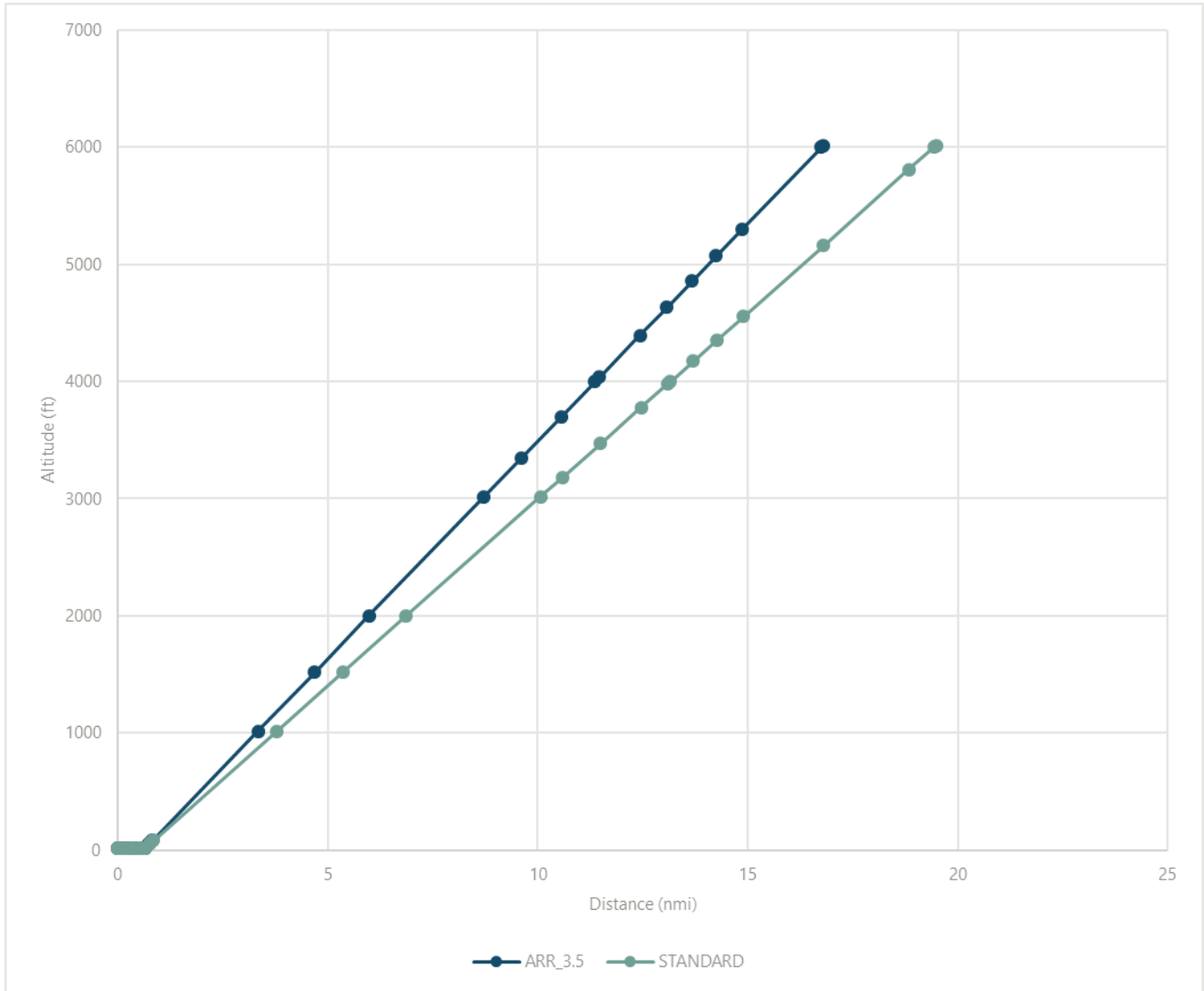
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

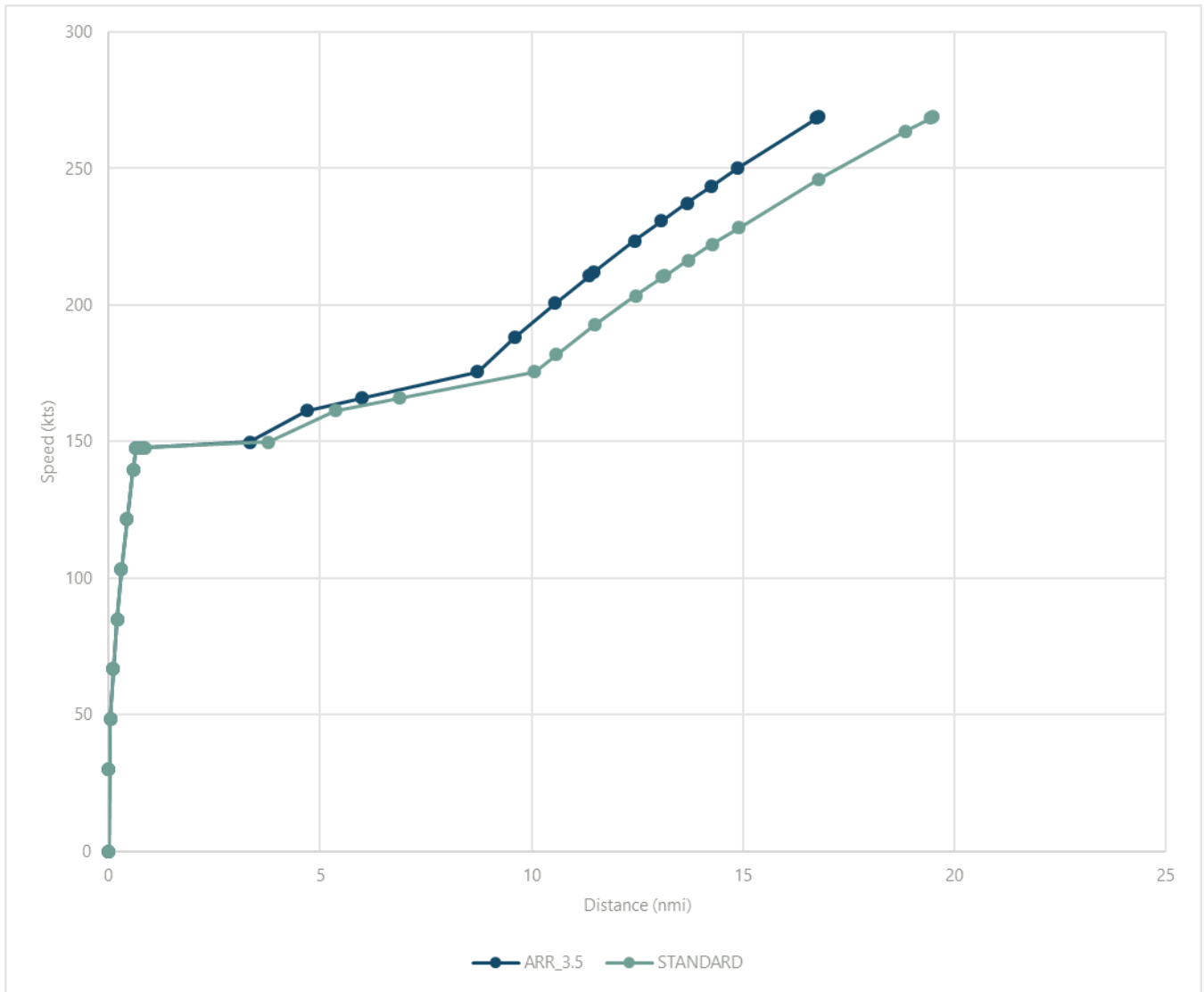
EXHIBIT C-136 DC1030 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

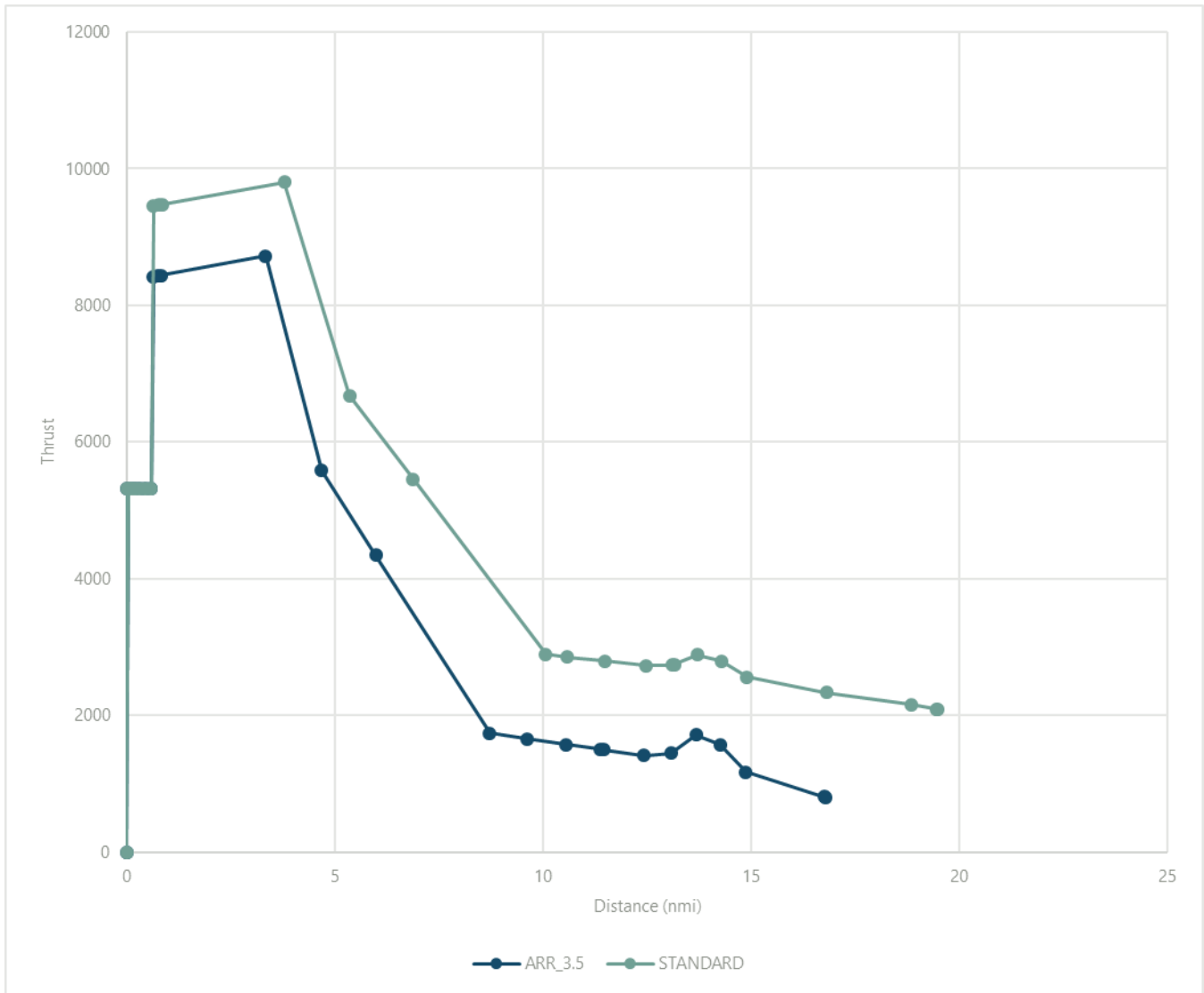
EXHIBIT C-137 DC1030 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-138 DC1030 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-47 DC1030 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.79052	0	6016.4	268.9935	799.3636	19.48759	0	6016.4	268.9935	2086.272
16.74477	0.045744	5999.4	268.54	808.1662	19.4342	0.053386	5999.4	268.5517	2092.216
14.87014	1.920378	5302.728	249.9554	1168.901	18.83923	0.648352	5809.942	263.6274	2158.456
14.24486	2.545655	5070.355	243.4355	1569.449	16.79885	2.688733	5160.211	245.9772	2335.515
13.67268	3.117843	4857.712	237.3122	1712.086	14.89981	4.587777	4555.488	228.327	2559.888
13.07118	3.719342	4634.177	230.7002	1443.381	14.27453	5.213053	4356.378	222.209	2792.032
12.42853	4.361986	4395.35	223.4197	1412.559	13.70234	5.785242	4174.172	216.4589	2884.672
11.46487	5.325647	4037.224	212.0344	1492.828	13.1535	6.334088	3999.4	210.7887	2746.841
11.36309	5.427425	3999.4	210.7656	1502.035	13.10085	6.38674	3982.634	210.2448	2733.618
10.5516	6.238917	3697.824	200.6491	1575.44	12.4582	7.029385	3777.993	203.3959	2725.207
9.60425	7.186269	3345.759	188.1122	1657.155	11.49359	7.994	3470.825	192.6592	2793.347
8.717999	8.07252	3016.4	175.5753	1738.871	10.58127	8.906316	3180.311	181.9226	2856.576
5.981414	10.8091	1999.4	165.9034	4343.375	10.06653	9.421054	3016.4	175.5753	2894.837
4.681738	12.10878	1516.4	161.3099	5580.322	6.872795	12.61479	1999.4	165.9034	5458.028
3.336318	13.4542	1016.4	149.8928	8725.288	5.356005	14.13158	1516.4	161.3099	6675.355
0.823074	15.96745	82.4	147.7815	8435.434	3.785829	15.70176	1016.4	149.8928	9801.645
0.742111	16.04841	52.31176	147.7129	8425.927	0.852741	18.63484	82.4	147.7815	9476.032
0.645478	16.14504	16.4	147.6311	8414.574	0.758254	18.72933	52.31176	147.7129	9465.352
0.58093	16.20959	16.4	139.7917	5320	0.645478	18.84211	16.4	147.6311	9452.599
0.432027	16.35849	16.4	121.5125	5320	0.58093	18.90666	16.4	139.7917	5320
0.303956	16.48656	16.4	103.2333	5320	0.432027	19.05556	16.4	121.5125	5320
0.196718	16.5938	16.4	84.95406	5320	0.303956	19.18363	16.4	103.2333	5320
0.110312	16.68021	16.4	66.67484	5320	0.196718	19.29087	16.4	84.95406	5320
0.04474	16.74578	16.4	48.39561	5320	0.110312	19.37727	16.4	66.67484	5320
0	16.79052	16.4	0	0	0.04474	19.44285	16.4	48.39561	5320
0	16.79052	16.4	30.11638	5320	0	19.48759	16.4	0	0
					0	19.48759	16.4	30.11638	5320

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

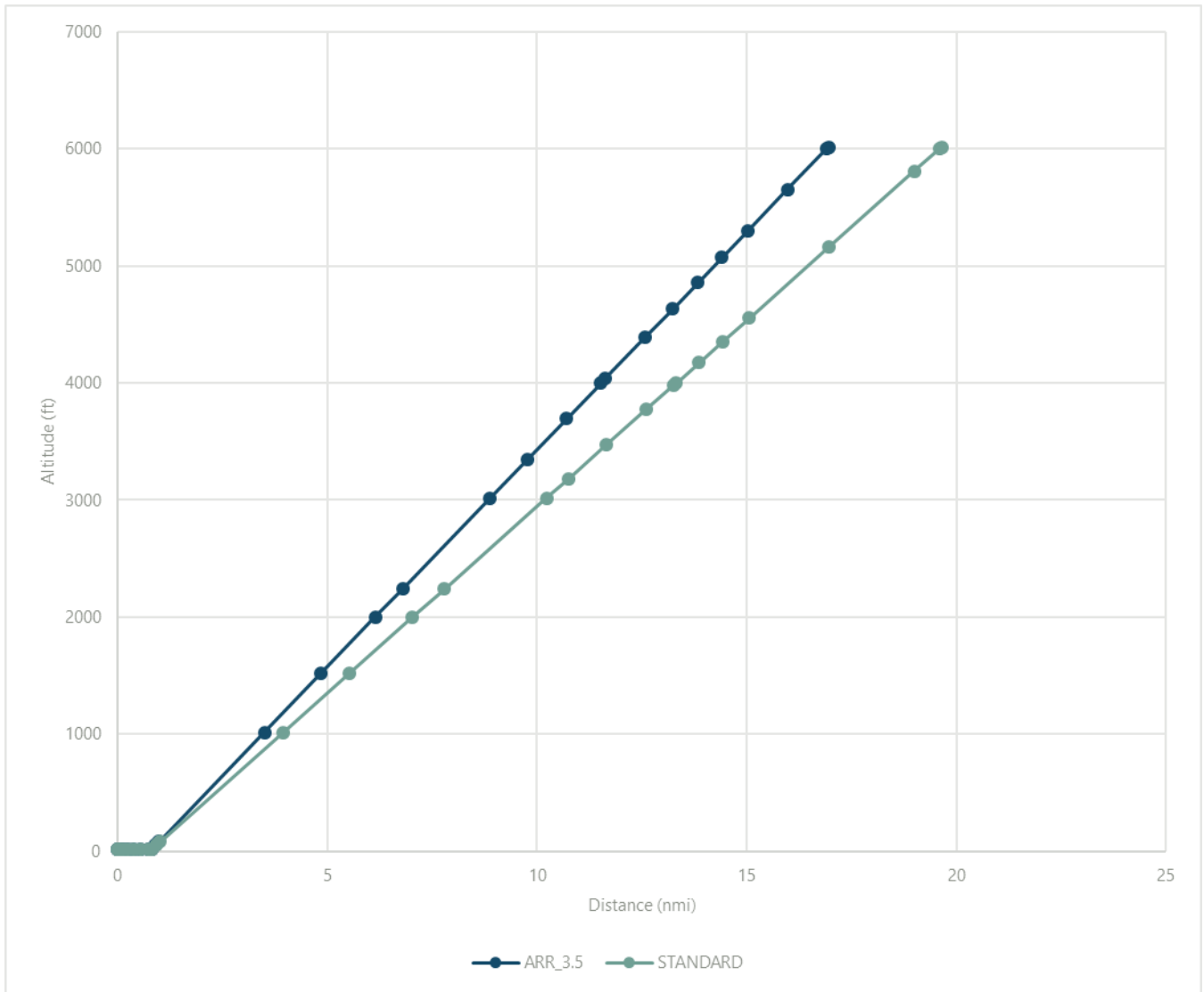
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

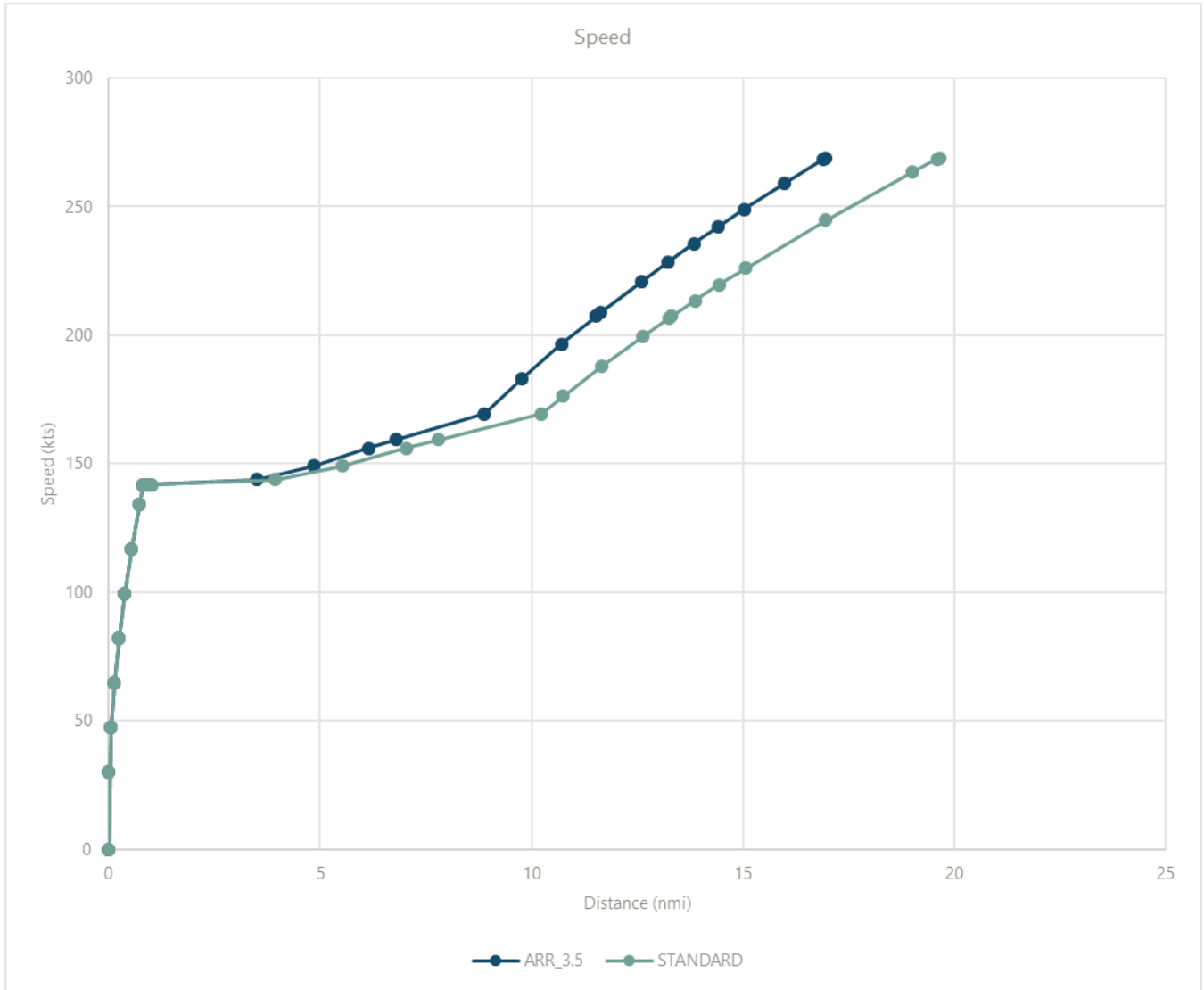
EXHIBIT C-139 DC870 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

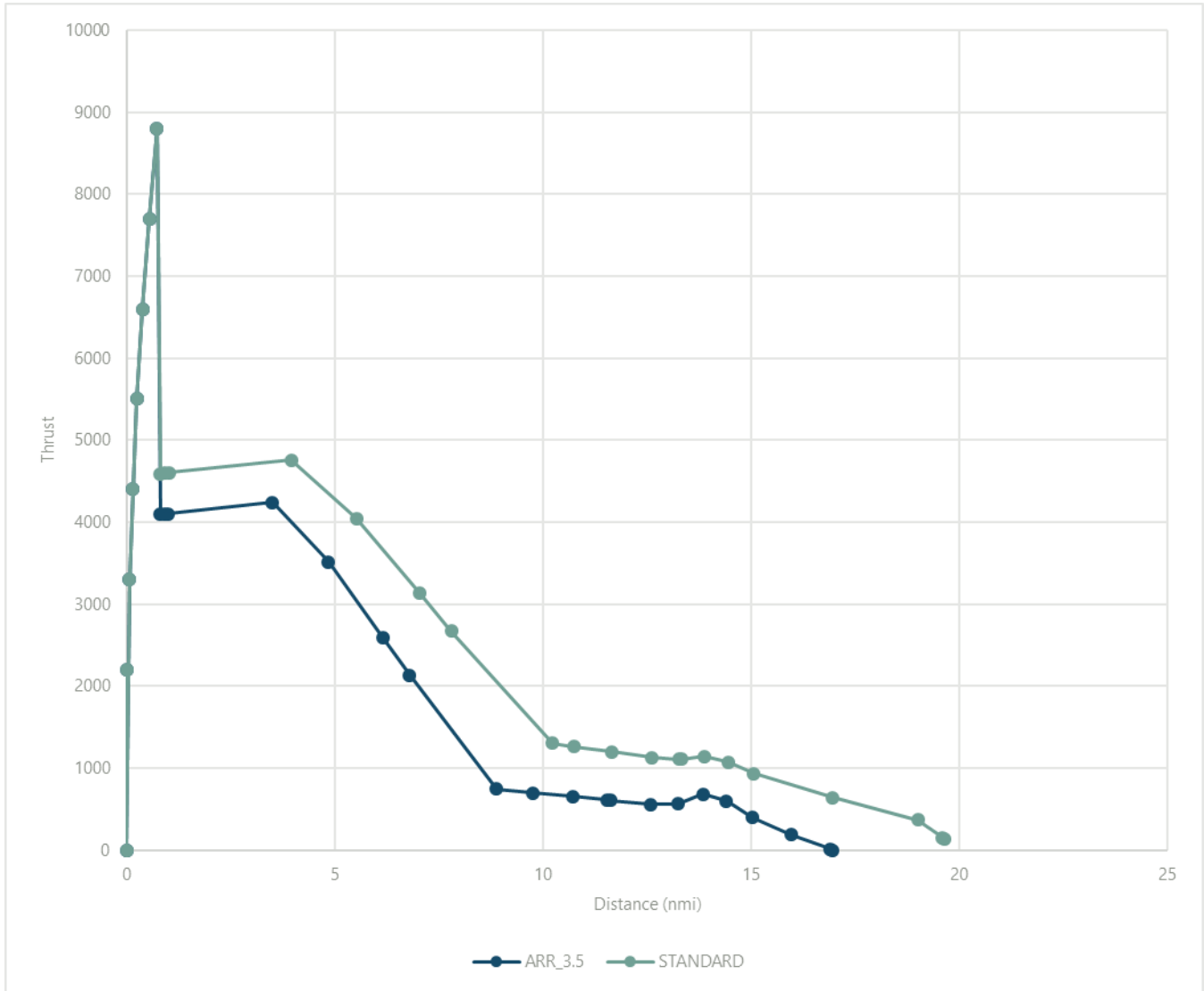
EXHIBIT C-140 DC870 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-141 DC870 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-48 DC870 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.95082	0	6016.4	268.9935	1	19.64789	0	6016.4	268.9935	134.0811
16.90507	0.045744	5999.4	268.5248	9.543177	19.5945	0.053386	5999.4	268.5287	153.3179
15.97204	0.978781	5652.655	258.9652	183.7965	18.99953	0.648352	5809.942	263.3484	367.7045
15.03044	1.920378	5302.728	248.9369	394.5705	16.95474	2.69315	5158.805	244.6931	639.9025
14.40516	2.545655	5070.355	242.048	600.9104	15.06011	4.587777	4555.488	226.0377	933.2516
13.83298	3.117843	4857.712	235.5676	678.941	14.43483	5.213053	4356.378	219.5333	1072.47
13.23148	3.719342	4634.177	228.5572	563.4586	13.86264	5.785242	4174.172	213.4075	1143.568
12.58883	4.361986	4395.35	220.8215	558.387	13.3138	6.334088	3999.4	207.3532	1108.413
11.62301	5.327807	4036.421	208.6569	605.8546	13.26115	6.38674	3982.634	206.7723	1105.04
11.52339	5.427425	3999.4	207.3269	611.1754	12.6185	7.029385	3777.993	199.4395	1130.404
10.7119	6.238917	3697.824	196.4923	654.52	11.65112	7.996767	3469.944	187.8624	1198.351
9.761136	7.189683	3344.49	182.9378	699.517	10.74157	8.906316	3180.311	176.2853	1264.219
8.878298	8.07252	3016.4	169.3832	744.5139	10.22683	9.421054	3016.4	169.3832	1299.839
6.796239	10.15458	2242.642	159.2913	2130.608	7.796959	11.85093	2242.642	159.2913	2671.481
6.141714	10.8091	1999.4	155.9112	2594.855	7.033094	12.61479	1999.4	155.9112	3130.888
4.842038	12.10878	1516.4	149.1993	3516.702	5.516305	14.13158	1516.4	149.1993	4043.123
3.496618	13.4542	1016.4	143.8821	4241.873	3.946129	15.70176	1016.4	143.8821	4759.03
0.983373	15.96745	82.4	141.8839	4100.971	1.013041	18.63484	82.4	141.8839	4600.945
0.902411	16.04841	52.31176	141.8191	4096.349	0.918554	18.72933	52.31176	141.8191	4595.76
0.805778	16.14504	16.4	141.7416	4090.831	0.805778	18.84211	16.4	141.7416	4589.568
0.7252	16.22562	16.4	134.17	8800	0.7252	18.92269	16.4	134.17	8800
0.540539	16.41028	16.4	116.8277	7700	0.540539	19.10735	16.4	116.8277	7700
0.381396	16.56942	16.4	99.48547	6600	0.381396	19.26649	16.4	99.48547	6600
0.247771	16.70305	16.4	82.1432	5500	0.247771	19.40011	16.4	82.1432	5500
0.139663	16.81116	16.4	64.80093	4400	0.139663	19.50822	16.4	64.80093	4400
0.057073	16.89375	16.4	47.45866	3300	0.057073	19.59081	16.4	47.45866	3300
0	16.95082	16.4	0	0	0	19.64789	16.4	0	0
0	16.95082	16.4	30.11638	2200	0	19.64789	16.4	30.11638	2200

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

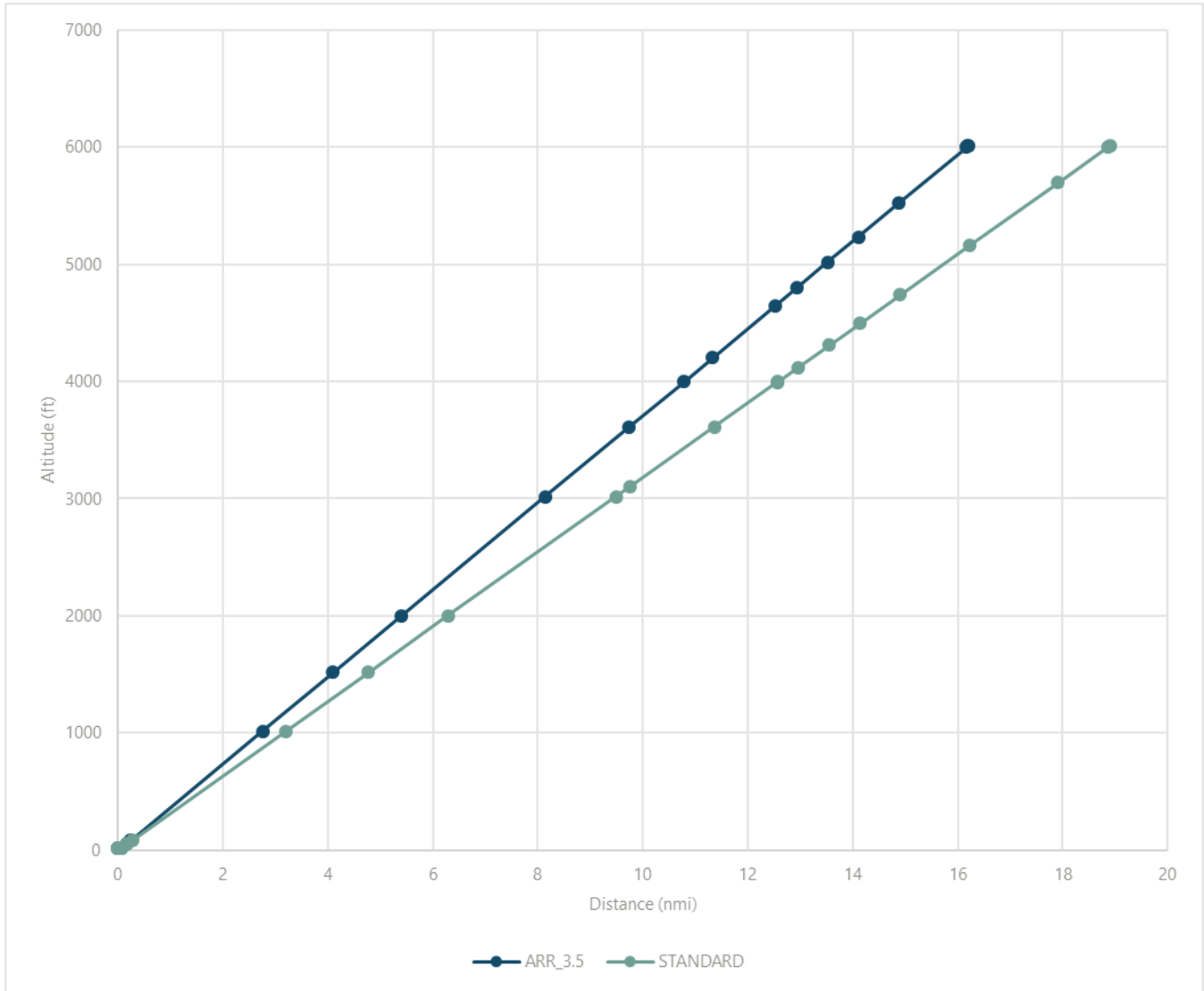
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

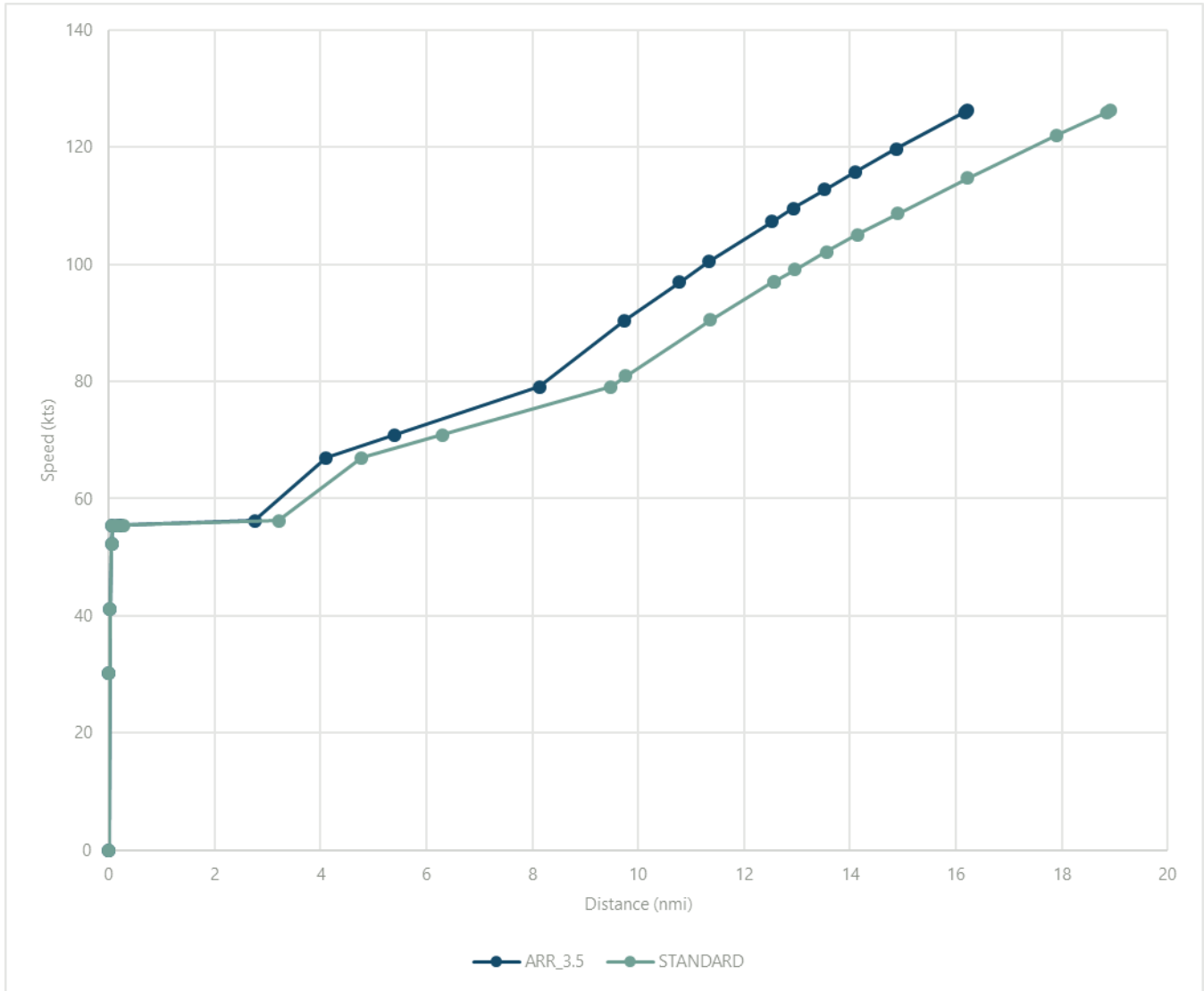
EXHIBIT C-142 DHC6 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

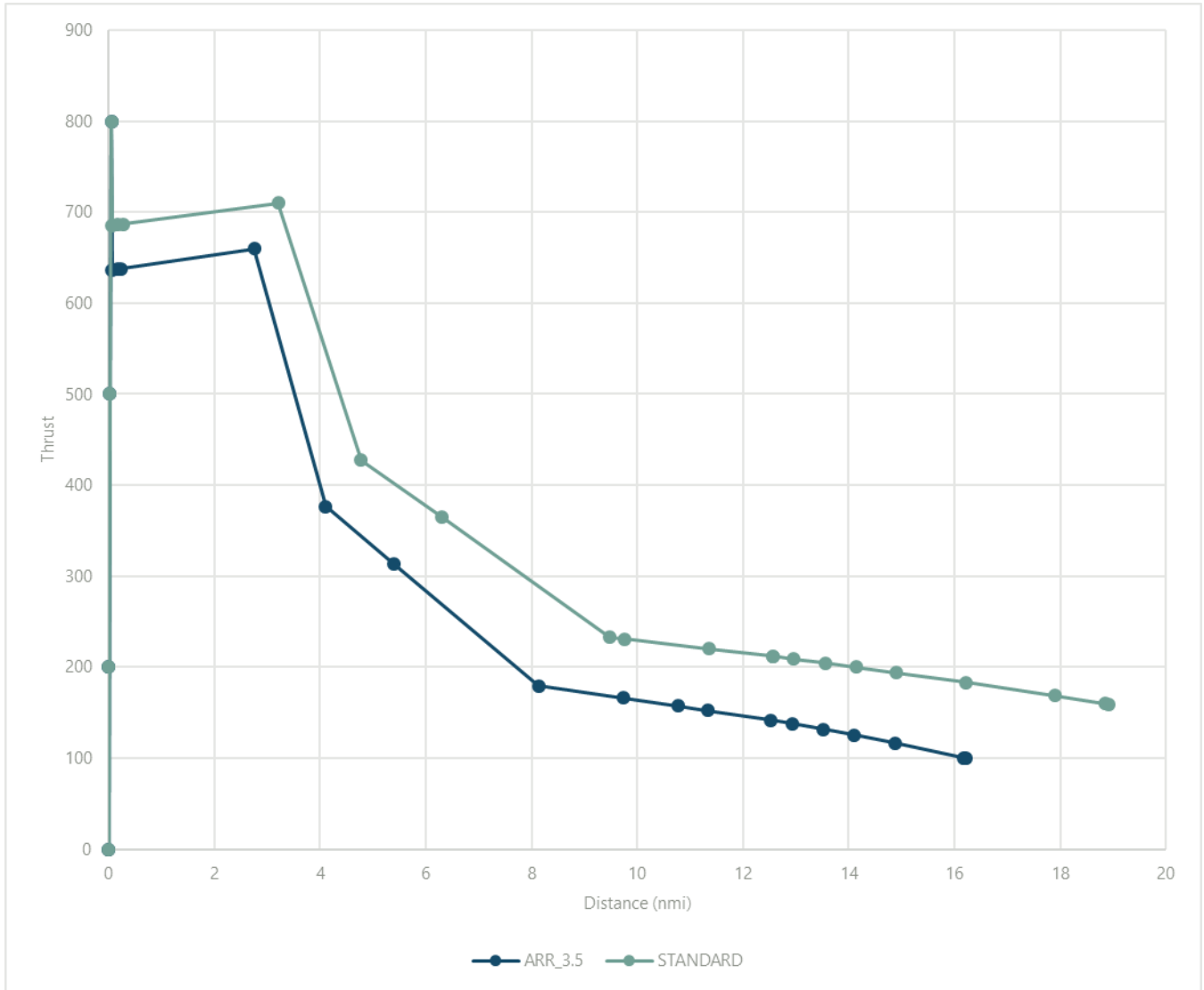
EXHIBIT C-143 DHC6 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-144 DHC6 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-49 DHC6 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.21021	0	6016.4	126.2205	99.66197	18.90728	0	6016.4	126.2205	159.2302
16.19277	0.017447	6009.916	126.1377	99.90189	18.85389	0.053386	5999.4	125.9998	159.7299
16.16447	0.045744	5999.4	125.9998	100.2636	17.91007	0.997213	5698.852	122.0982	168.5637
14.87352	1.336698	5519.641	119.7091	116.7636	16.22243	2.684846	5161.449	114.785	183.2796
14.10952	2.100694	5235.717	115.8232	125.5661	14.90318	4.004097	4741.353	108.7262	194.1042
13.5253	2.684909	5018.604	112.7614	132.0042	14.13919	4.768093	4498.069	105.0577	200.1487
12.93111	3.279109	4797.781	109.5595	138.1932	13.55497	5.352308	4312.034	102.1637	204.7049
12.53114	3.679072	4649.142	107.3505	142.0335	12.96077	5.946507	4122.82	99.13364	209.2235
11.33171	4.878508	4203.395	100.4352	152.7104	12.57319	6.334088	3999.4	97.10557	211.9639
10.78279	5.427425	3999.4	96.98974	157.4306	12.56081	6.346471	3995.457	97.04078	212.0515
9.737059	6.473155	3610.774	90.42594	166.423	11.36137	7.545907	3613.514	90.47477	220.2389
8.137694	8.07252	3016.4	79.12541	179.1249	9.766726	9.140554	3105.721	80.92445	231.0792
5.401109	10.8091	1999.4	70.89825	312.9826	9.486227	9.421054	3016.4	79.12541	232.9338
4.101433	12.10878	1516.4	66.99096	376.5552	6.29249	12.61479	1999.4	70.89825	364.9884
2.756013	13.4542	1016.4	56.26872	659.7338	4.7757	14.13158	1516.4	66.99096	427.7046
0.242769	15.96745	82.4	55.44023	637.8203	3.205524	15.70176	1016.4	56.26872	710.2506
0.161806	16.04841	52.31176	55.41333	637.1016	0.272436	18.63484	82.4	55.44023	686.6584
0.065173	16.14504	16.4	55.38121	636.2433	0.177949	18.72933	52.31176	55.41333	685.8846
0.058656	16.15156	16.4	52.25346	800	0.065173	18.84211	16.4	55.38121	684.9606
0.025387	16.18483	16.4	41.18492	500	0.058656	18.84862	16.4	52.25346	800
0	16.21021	16.4	0	0	0.025387	18.88189	16.4	41.18492	500
0	16.21021	16.4	30.11638	200	0	18.90728	16.4	0	0
					0	18.90728	16.4	30.11638	200

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

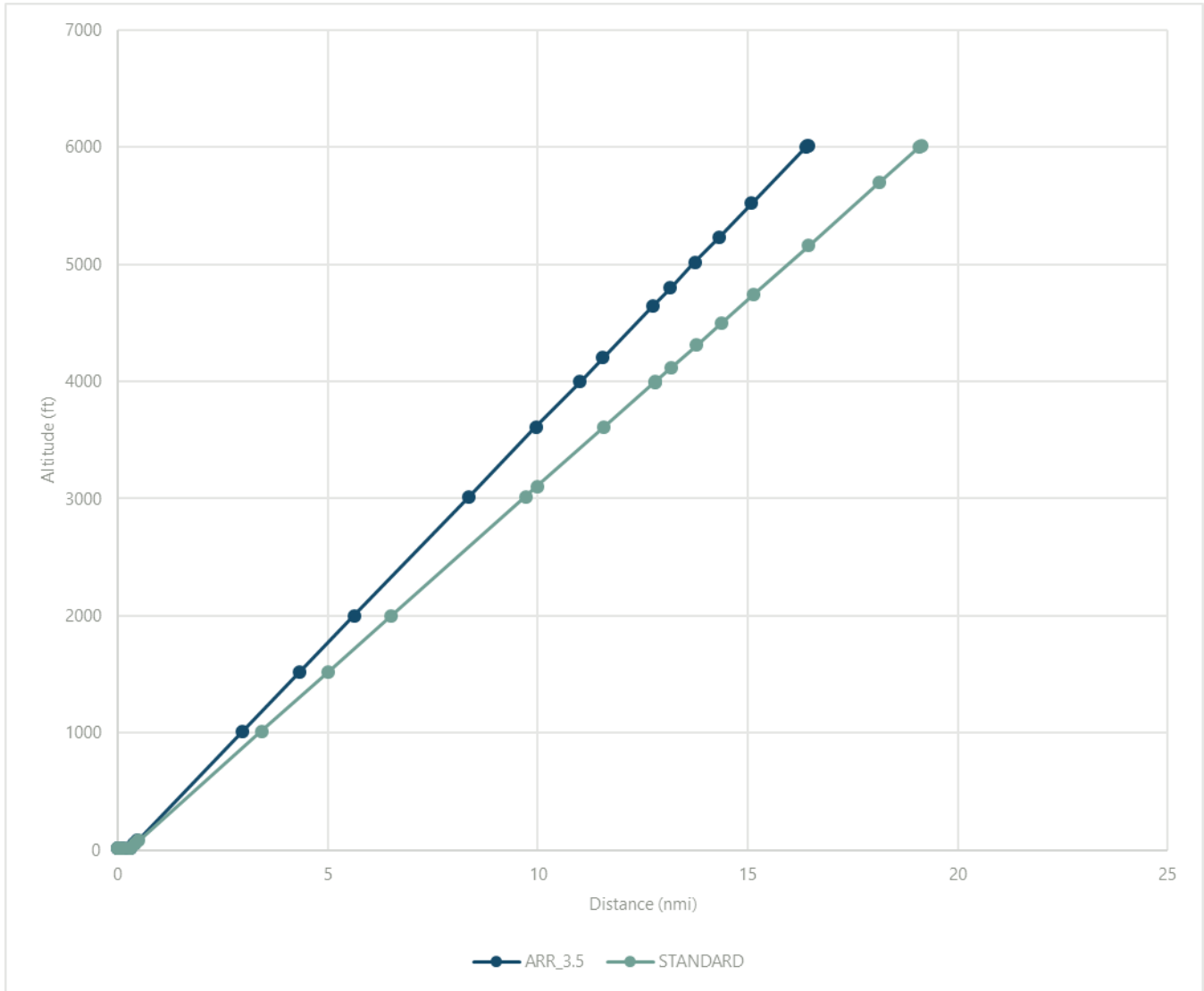
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

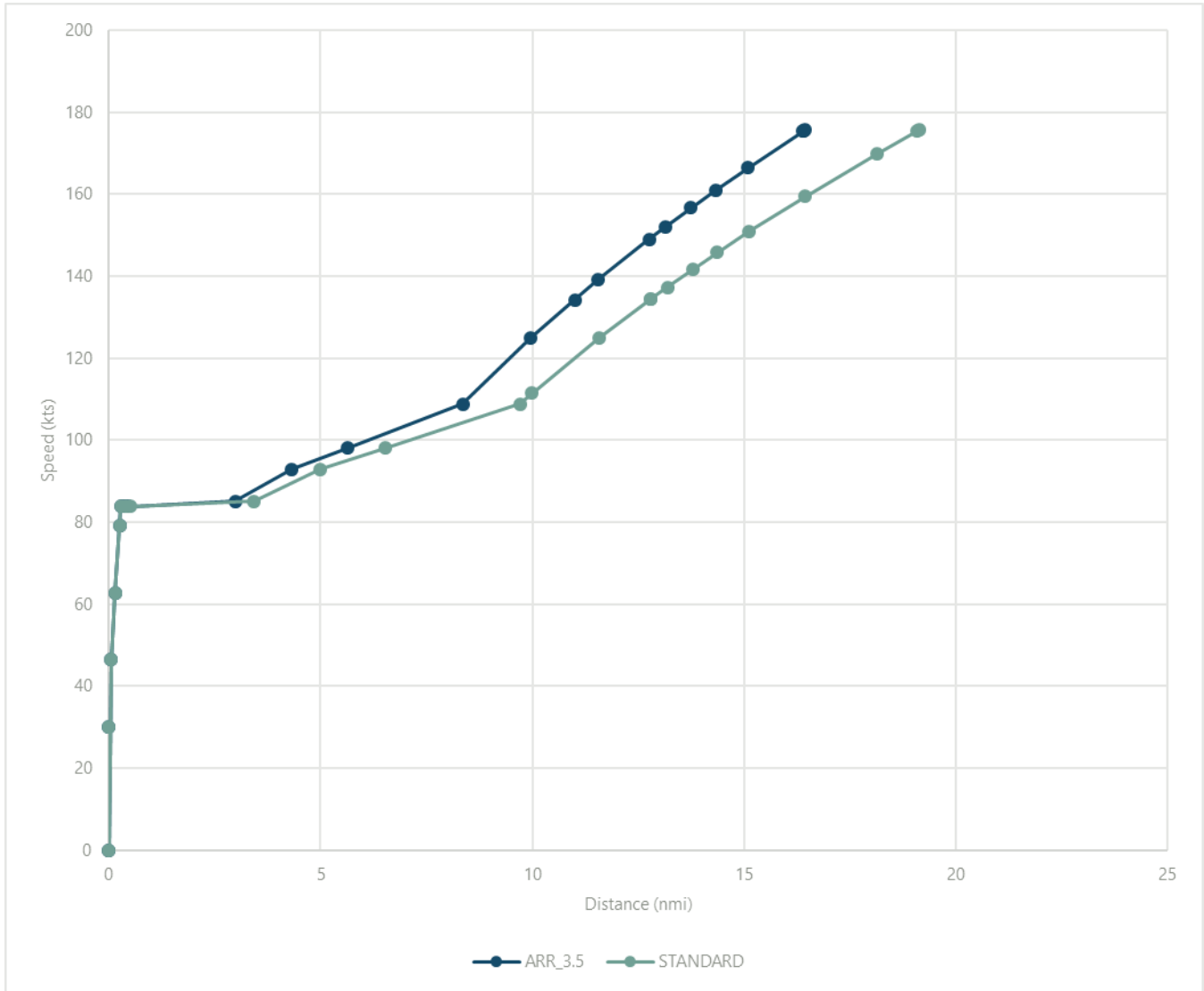
EXHIBIT C-145 DHC8 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

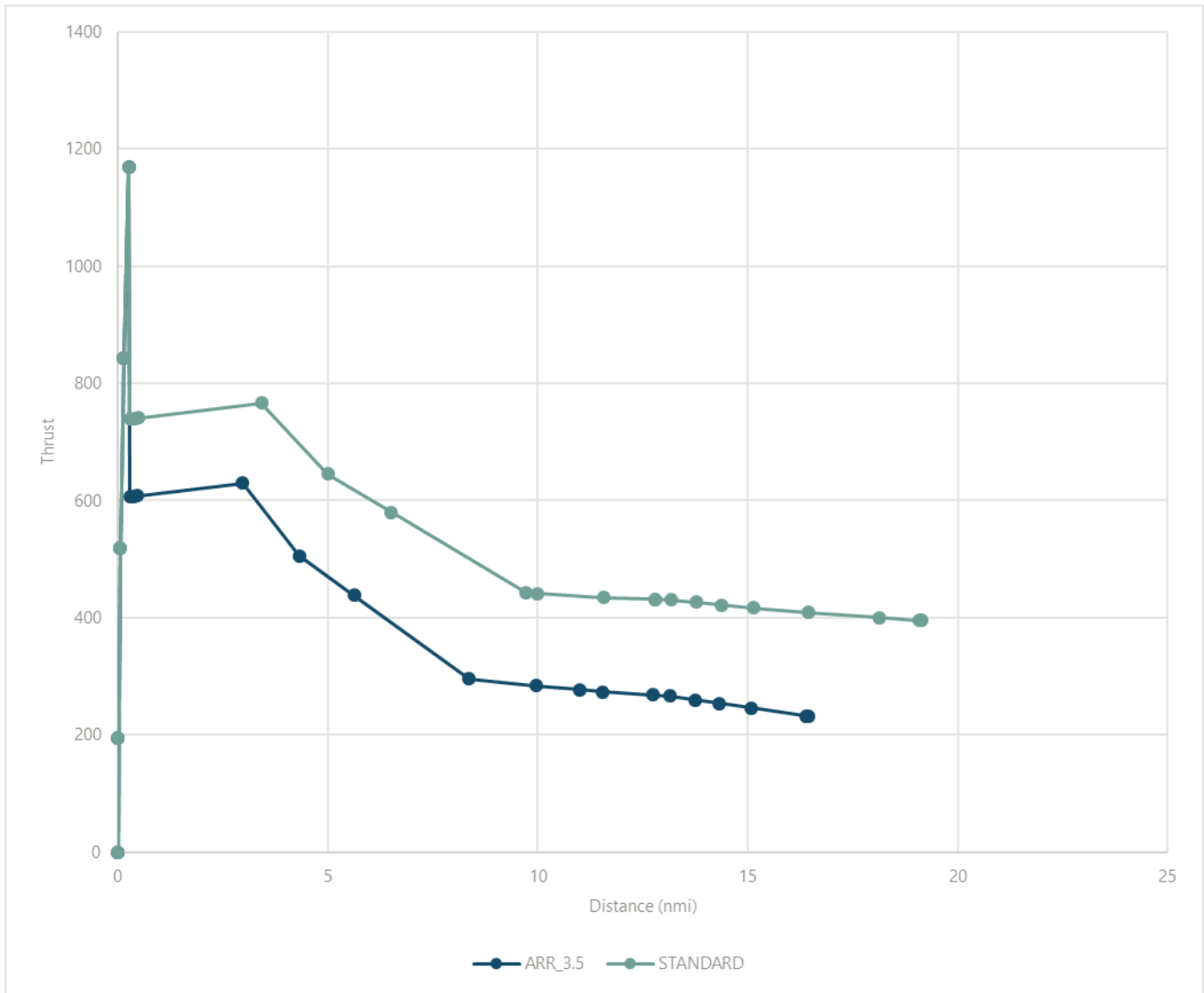
EXHIBIT C-146 DHC8 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-147 DHC8 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-50 DHC8 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.4324	0	6016.4	175.6419	232.2546	19.12946	0	6016.4	175.6419	395.4353
16.41495	0.017447	6009.916	175.5249	232.4103	19.07608	0.053386	5999.4	175.3302	395.7174
16.38665	0.045744	5999.4	175.3301	232.6893	18.13225	0.997213	5698.852	169.8182	400.704
15.0957	1.336698	5519.641	166.4416	245.4172	16.44462	2.684846	5161.449	159.4786	409.4661
14.3317	2.100694	5235.717	160.9471	253.2523	15.12537	4.004097	4741.353	150.9035	417.1875
13.74749	2.684909	5018.604	156.6155	260.0632	14.36137	4.768093	4498.069	145.7069	421.9687
13.15329	3.279109	4797.781	152.0834	266.1376	13.77715	5.352308	4312.034	141.6046	426.1447
12.75332	3.679072	4649.142	148.9552	268.3185	13.18295	5.946507	4122.82	137.3065	430.2515
11.55389	4.878508	4203.395	139.153	272.919	12.79537	6.334088	3999.4	134.4279	431.2001
11.00497	5.427425	3999.4	134.2591	276.8084	12.78299	6.346471	3995.457	134.336	431.2304
9.95924	6.473155	3610.774	124.9358	284.2181	11.58356	7.545907	3613.514	125.0052	434.0356
8.359875	8.07252	3016.4	108.8265	295.6533	9.988908	9.140554	3105.721	111.3962	441.3812
5.623291	10.8091	1999.4	98.06692	438.2019	9.708408	9.421054	3016.4	108.8265	442.7158
4.323615	12.10878	1516.4	92.9569	505.902	6.514671	12.61479	1999.4	98.06692	580.2184
2.978195	13.4542	1016.4	85.09963	629.3474	4.997881	14.13158	1516.4	92.9569	645.5221
0.46495	15.96745	82.4	83.86291	608.4399	3.427706	15.70176	1016.4	85.09963	766.728
0.383987	16.04841	52.31176	83.82277	607.7542	0.494618	18.63484	82.4	83.86291	741.2566
0.287355	16.14504	16.4	83.77483	606.9353	0.40013	18.72933	52.31176	83.82277	740.4211
0.258619	16.17378	16.4	79.15743	1168.5	0.287355	18.84211	16.4	83.77483	739.4235
0.14662	16.28578	16.4	62.81041	843.9167	0.258619	18.87084	16.4	79.15743	1168.5
0.060414	16.37198	16.4	46.4634	519.3333	0.14662	18.98284	16.4	62.81041	843.9167
0	16.4324	16.4	0	0	0.060414	19.06905	16.4	46.4634	519.3333
0	16.4324	16.4	30.11638	194.75	0	19.12946	16.4	0	0
					0	19.12946	16.4	30.11638	194.75

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

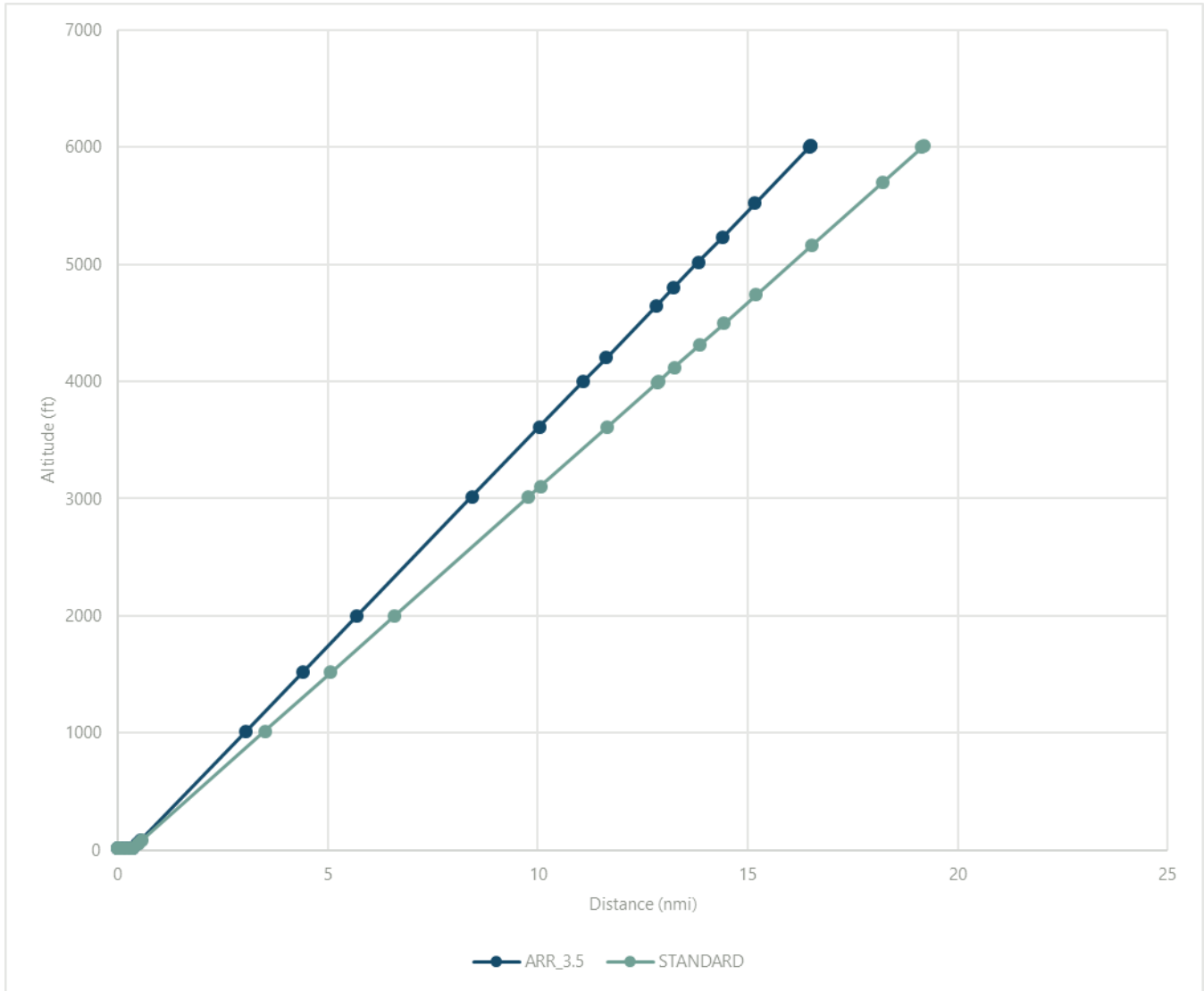
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

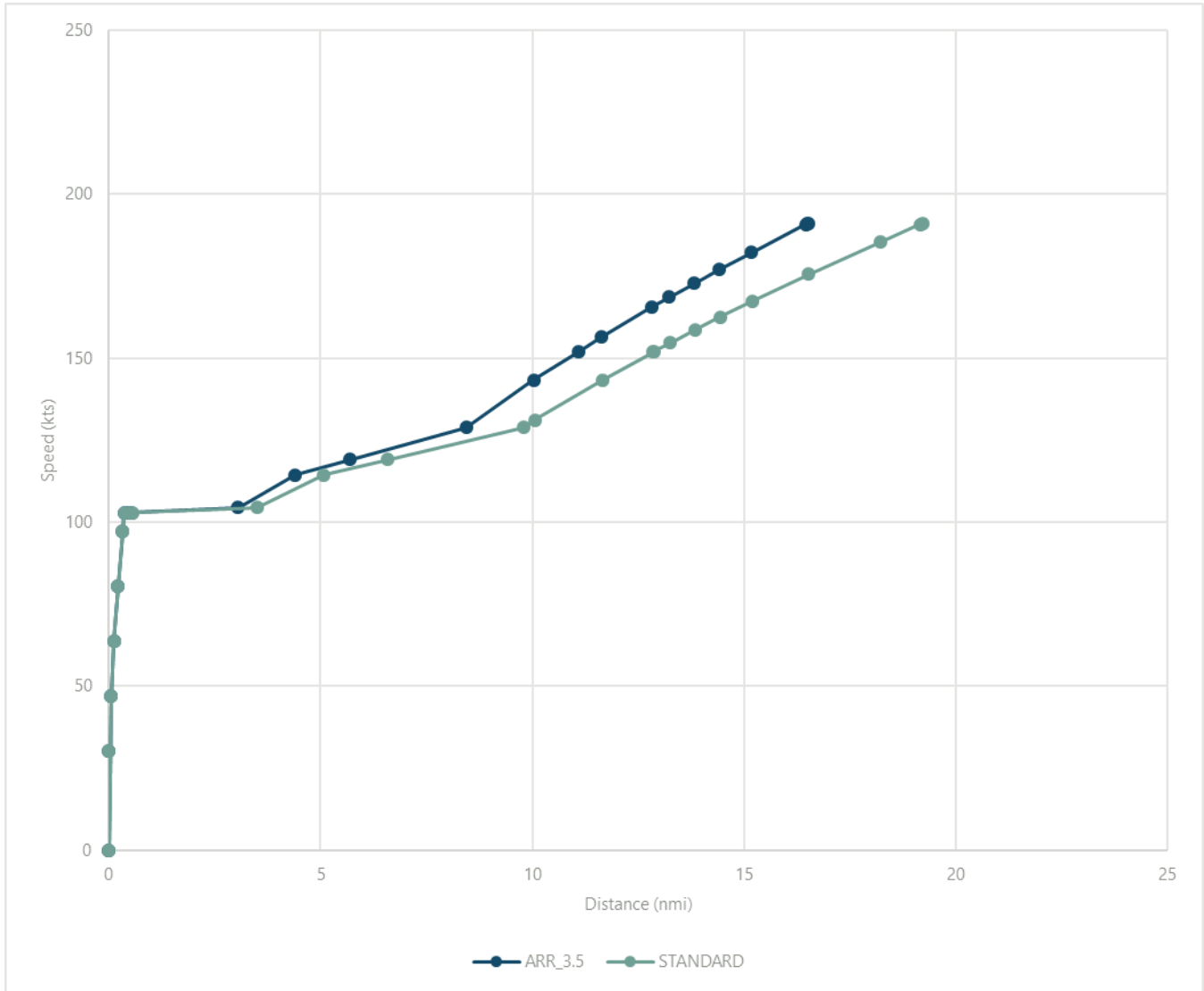
EXHIBIT C-148 DHC830 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

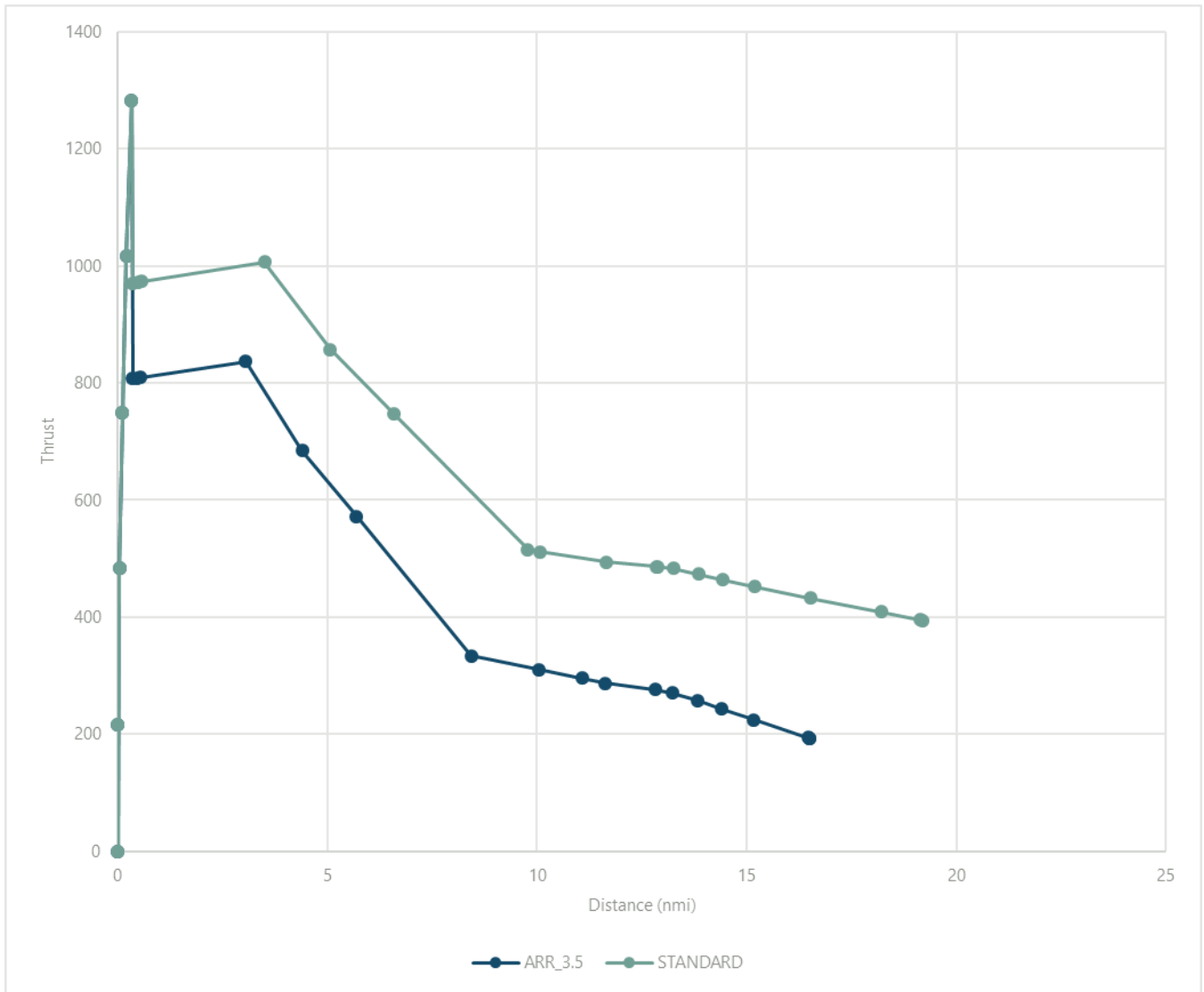
EXHIBIT C-149 DHC830 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-150 DHC830 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-51 DHC830 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.50646	0	6016.4	191.0175	192.6553	19.20352	0	6016.4	191.0175	394.649
16.48901	0.017447	6009.916	190.9048	193.5085	19.15014	0.053386	5999.4	190.7178	395.4413
16.46071	0.045744	5999.4	190.7178	194.1813	18.20631	0.997213	5698.852	185.42	409.4493
15.16976	1.336698	5519.641	182.1851	224.8748	16.51868	2.684846	5161.449	175.5409	432.4261
14.40576	2.100694	5235.717	176.939	242.7095	15.19943	4.004097	4741.353	167.4127	451.6593
13.82155	2.684909	5018.604	172.82	257.4402	14.43543	4.768093	4498.069	162.5198	463.2511
13.22735	3.279109	4797.781	168.5273	270.6618	13.85121	5.352308	4312.034	158.6766	473.0674
12.82738	3.679072	4649.142	165.5752	275.9481	13.25702	5.946507	4122.82	154.6697	482.7755
11.62795	4.878508	4203.395	156.3885	287.3212	12.86943	6.334088	3999.4	151.9984	485.7291
11.07903	5.427425	3999.4	151.8713	295.3772	12.85705	6.346471	3995.457	151.9131	485.8235
10.0333	6.473155	3610.774	143.2655	310.7246	11.65762	7.545907	3613.514	143.3289	494.1956
8.433936	8.07252	3016.4	128.7672	333.5184	10.06297	9.140554	3105.721	131.0484	511.9762
5.697351	10.8091	1999.4	119.031	571.7617	9.782469	9.421054	3016.4	128.7672	515.1543
4.397675	12.10878	1516.4	114.407	684.9097	6.588732	12.61479	1999.4	119.031	747.0192
3.052255	13.4542	1016.4	104.4561	837.1968	5.071942	14.13158	1516.4	114.407	857.1379
0.539011	15.96745	82.4	102.9427	809.3812	3.501766	15.70176	1016.4	104.4561	1006.615
0.458048	16.04841	52.31176	102.8936	808.4689	0.568678	18.63484	82.4	102.9427	973.172
0.361415	16.14504	16.4	102.8349	807.3794	0.474191	18.72933	52.31176	102.8936	972.0751
0.325274	16.18118	16.4	97.32764	1283.598	0.361415	18.84211	16.4	102.8349	970.7652
0.211791	16.29466	16.4	80.52483	1016.797	0.325274	18.87825	16.4	97.32764	1283.598
0.119751	16.3867	16.4	63.72201	749.995	0.211791	18.99173	16.4	80.52483	1016.797
0.049154	16.4573	16.4	46.9192	483.1935	0.119751	19.08377	16.4	63.72201	749.995
0	16.50646	16.4	0	0	0.049154	19.15437	16.4	46.9192	483.1935
0	16.50646	16.4	30.11638	216.392	0	19.20352	16.4	0	0
					0	19.20352	16.4	30.11638	216.392

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

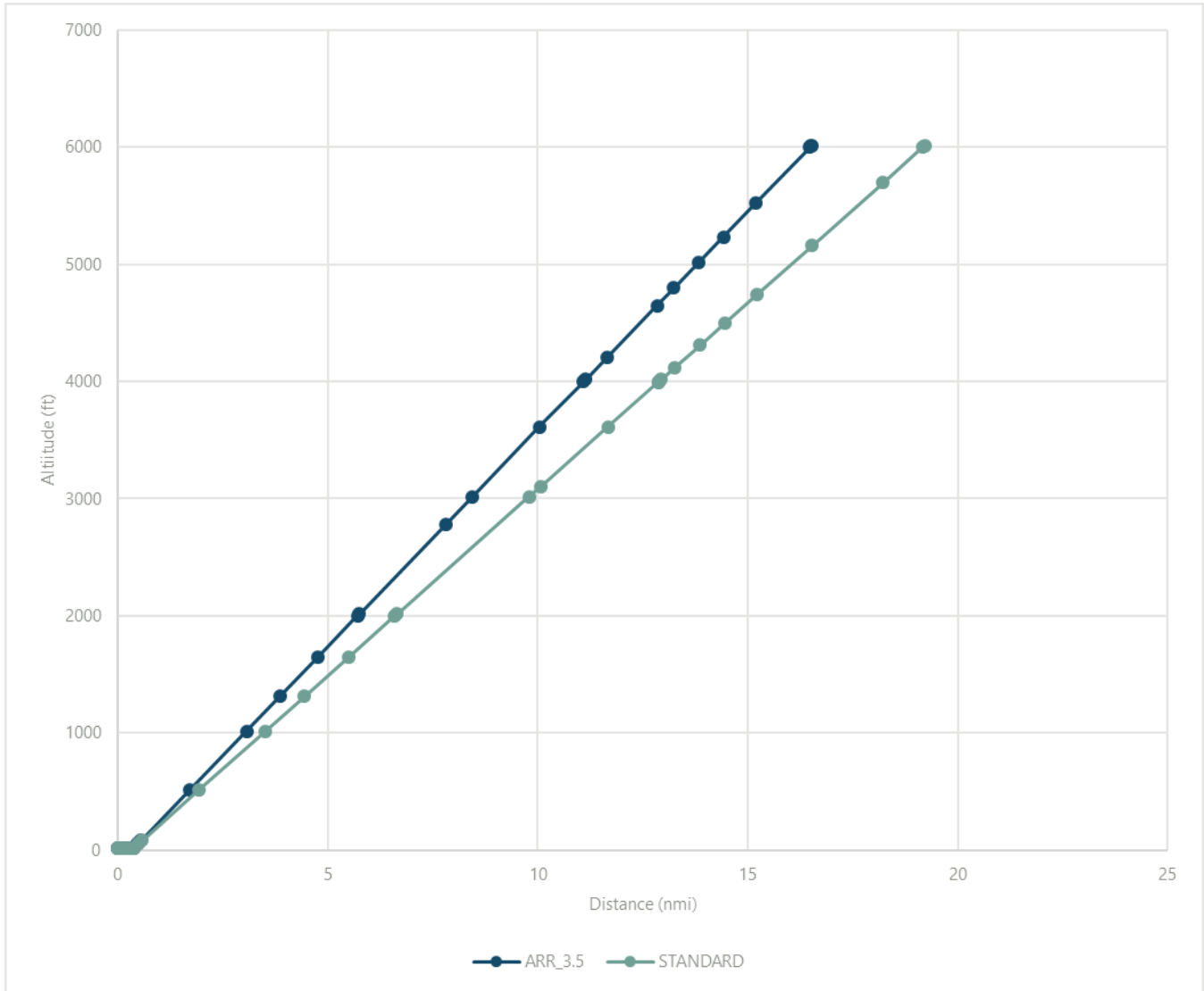
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

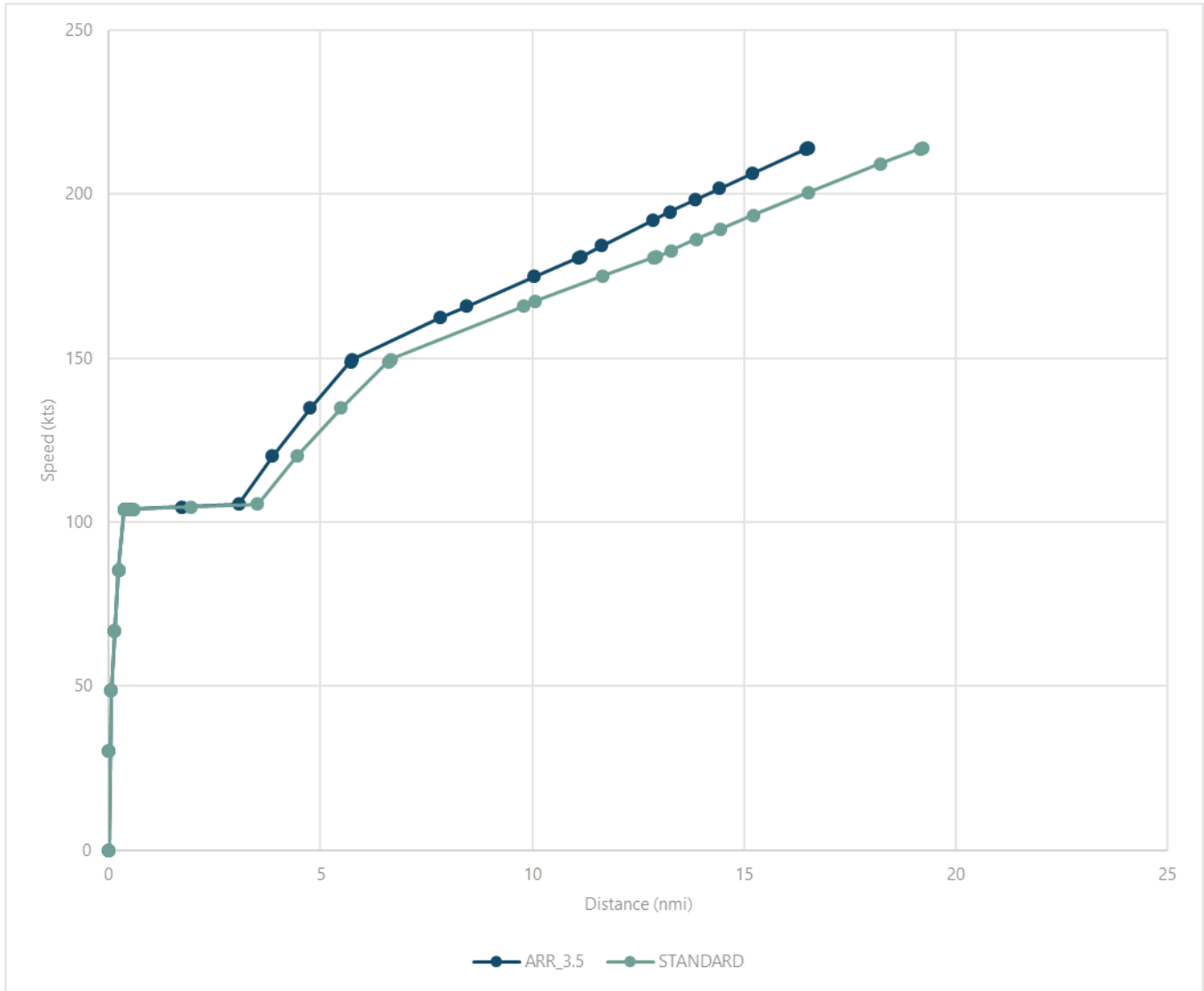
EXHIBIT C-151 DO328 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

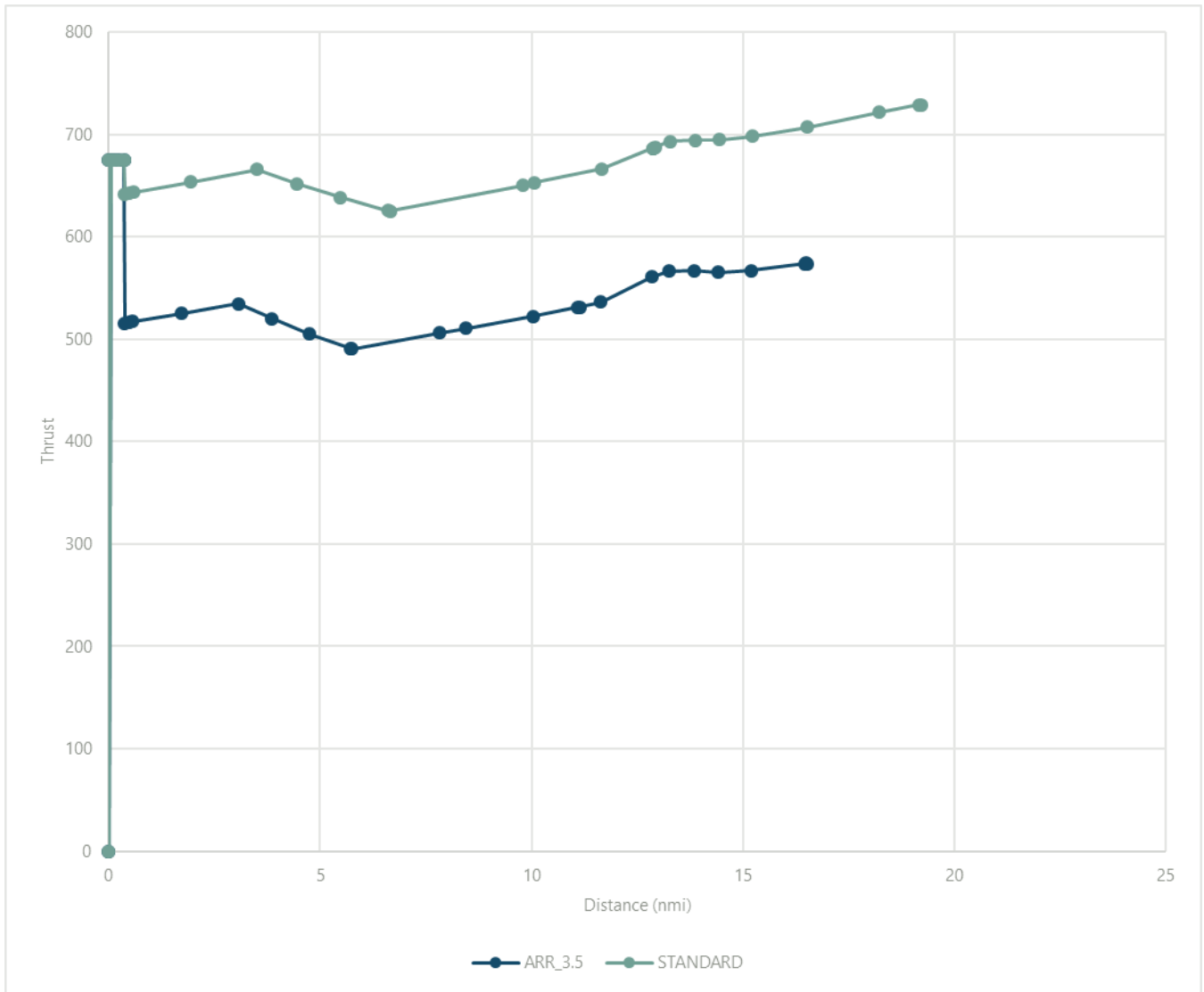
EXHIBIT C-152 DO328 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-153 DO328 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-52 DO328 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.51798	0	6016.4	214.0808	573.3656	19.21504	0	6016.4	214.0808	728.9944
16.50053	0.017447	6009.916	213.9815	573.8966	19.16166	0.053386	5999.4	213.8174	728.5796
16.47223	0.045744	5999.4	213.8174	573.7516	18.21783	0.997213	5698.852	209.1609	721.2471
15.18128	1.336698	5519.641	206.3325	567.1389	16.5302	2.684846	5161.449	200.5599	706.7939
14.41728	2.100694	5235.717	201.7704	565.2945	15.21095	4.004097	4741.353	193.5704	698.0621
13.83307	2.684909	5018.604	198.2109	566.8923	14.44695	4.768093	4498.069	189.4048	694.6432
13.23887	3.279109	4797.781	194.5239	566.5972	13.86273	5.352308	4312.034	186.1565	693.9682
12.8389	3.679072	4649.142	192.0022	560.6233	13.26854	5.946507	4122.82	182.7936	693.2124
11.63947	4.878508	4203.395	184.2332	536.4496	12.93434	6.280702	4016.4	180.8747	687.2821
11.1363	5.38168	4016.4	180.8747	531.3161	12.88095	6.334088	3999.4	180.6311	686.3645
11.09055	5.427425	3999.4	180.6272	530.9388	12.86857	6.346471	3995.457	180.5746	686.1517
10.04482	6.473155	3610.774	174.9712	522.3149	11.66914	7.545907	3613.514	175.0118	666.4379
8.445456	8.07252	3016.4	165.8429	510.7888	10.07449	9.140554	3105.721	167.3298	652.5724
7.815612	8.702365	2782.33	162.2481	506.2497	9.793989	9.421054	3016.4	165.8699	650.3023
5.754616	10.76336	2016.4	149.525	490.1844	6.653638	12.5614	2016.4	149.525	624.8864
5.708872	10.8091	1999.4	148.8535	490.8638	6.600252	12.61479	1999.4	148.8535	625.5047
4.754373	11.7636	1644.679	134.8416	505.0393	5.486303	13.72874	1644.679	134.8416	638.4065
3.857427	12.66055	1311.345	120.1582	519.8941	4.439519	14.77552	1311.345	120.1582	651.9266
3.063776	13.4542	1016.4	105.4748	534.749	3.513287	15.70176	1016.4	105.4748	665.4467
1.718356	14.79962	516.4	104.6595	525.1246	1.943111	17.27193	516.4	104.6595	653.4701
0.550531	15.96745	82.4	103.9248	516.9523	0.580199	18.63484	82.4	103.9248	643.3029
0.469568	16.04841	52.31176	103.8736	516.3808	0.485711	18.72933	52.31176	103.8736	642.5918
0.372936	16.14504	16.4	103.8126	515.6982	0.372936	18.84211	16.4	103.8126	641.7427
0.364707	16.15327	16.4	103.8529	674.5	0.364707	18.85034	16.4	103.8529	674.5
0.235892	16.28208	16.4	85.41874	674.5	0.235892	18.97915	16.4	85.41874	674.5
0.13217	16.38581	16.4	66.98462	674.5	0.13217	19.08287	16.4	66.98462	674.5
0.053539	16.46444	16.4	48.5505	674.5	0.053539	19.1615	16.4	48.5505	674.5
0	16.51798	16.4	0	0	0	19.21504	16.4	0	0
0	16.51798	16.4	30.11638	674.5	0	19.21504	16.4	30.11638	674.5

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

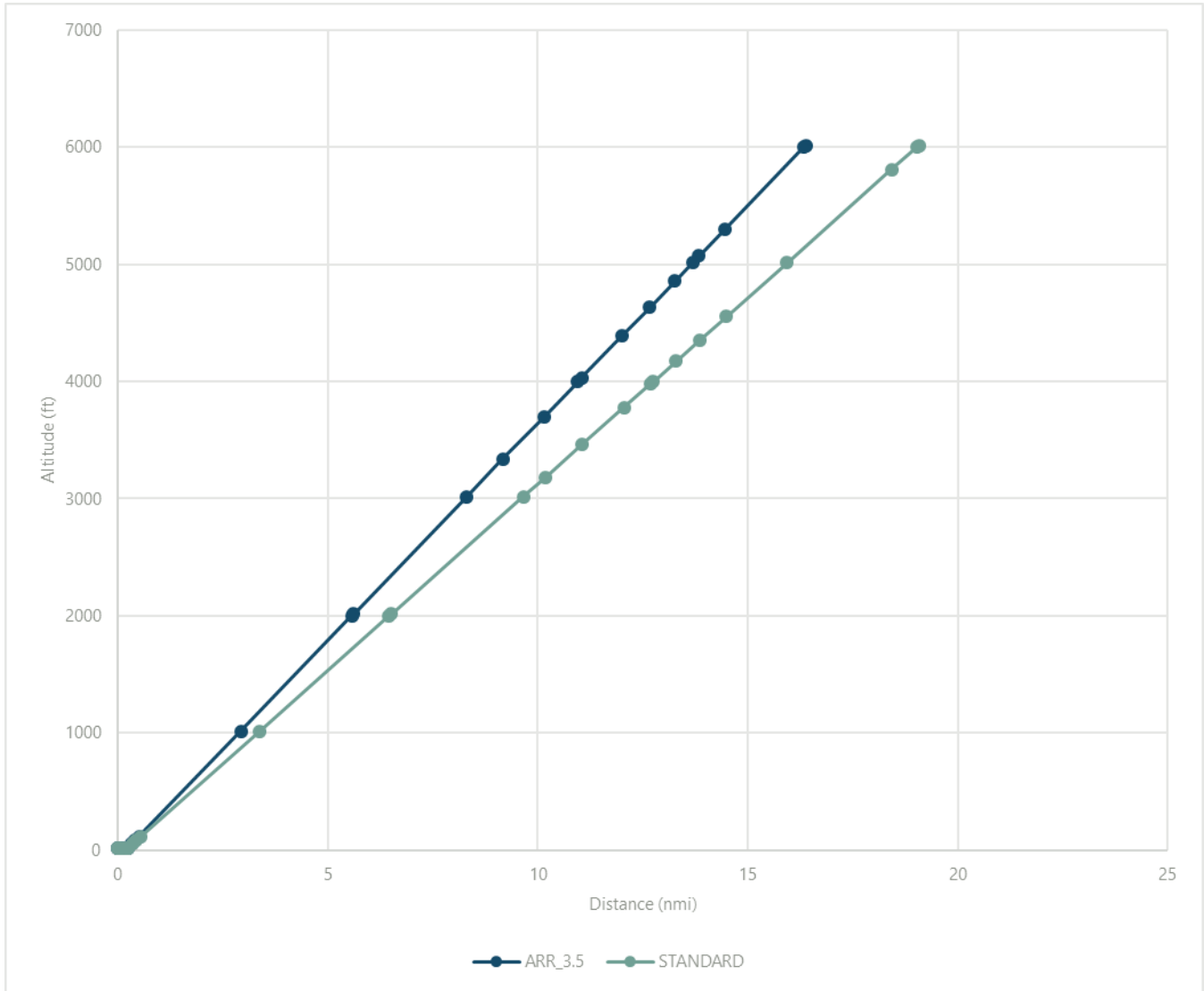
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

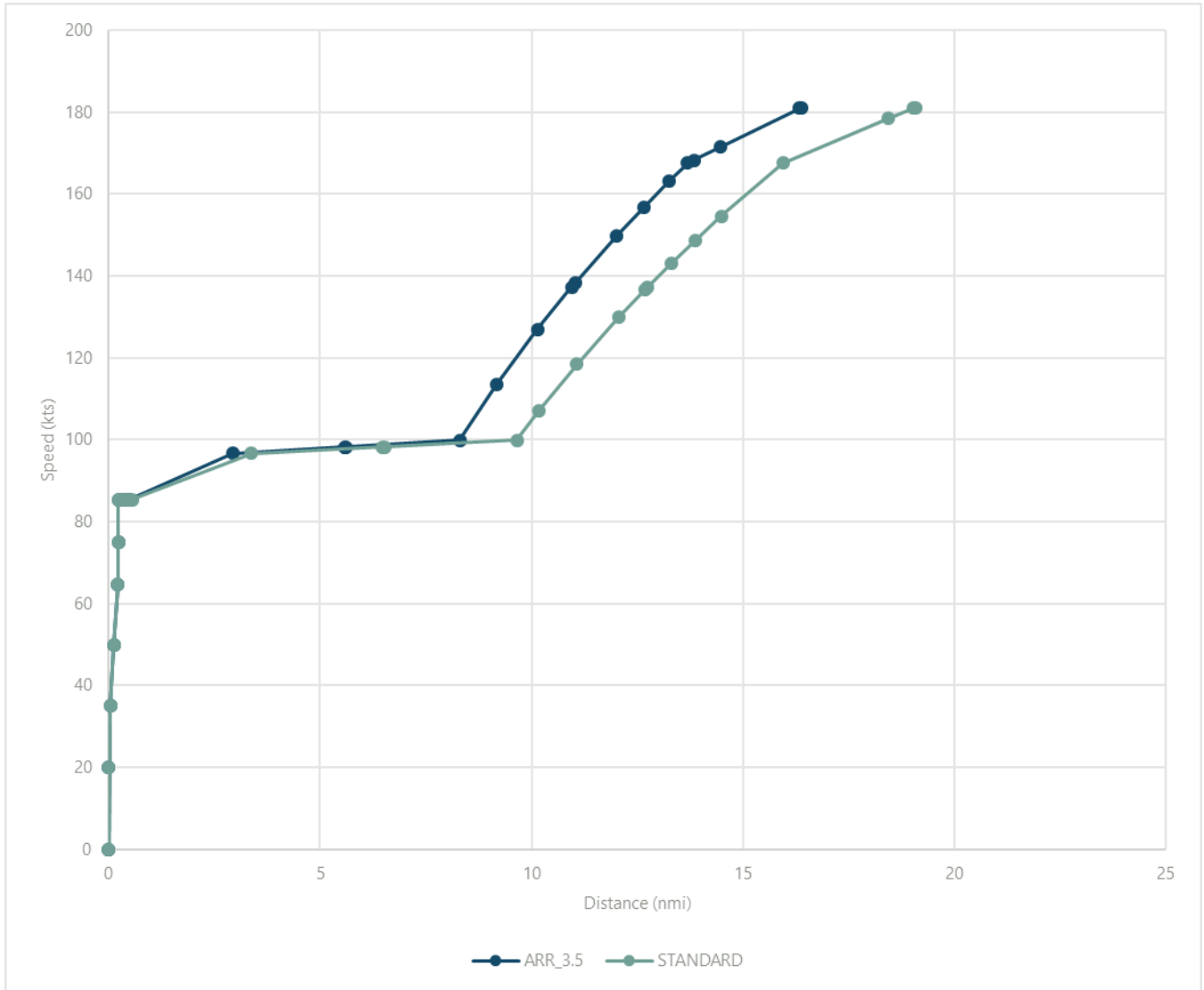
EXHIBIT C-154 ECLIPSE500 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

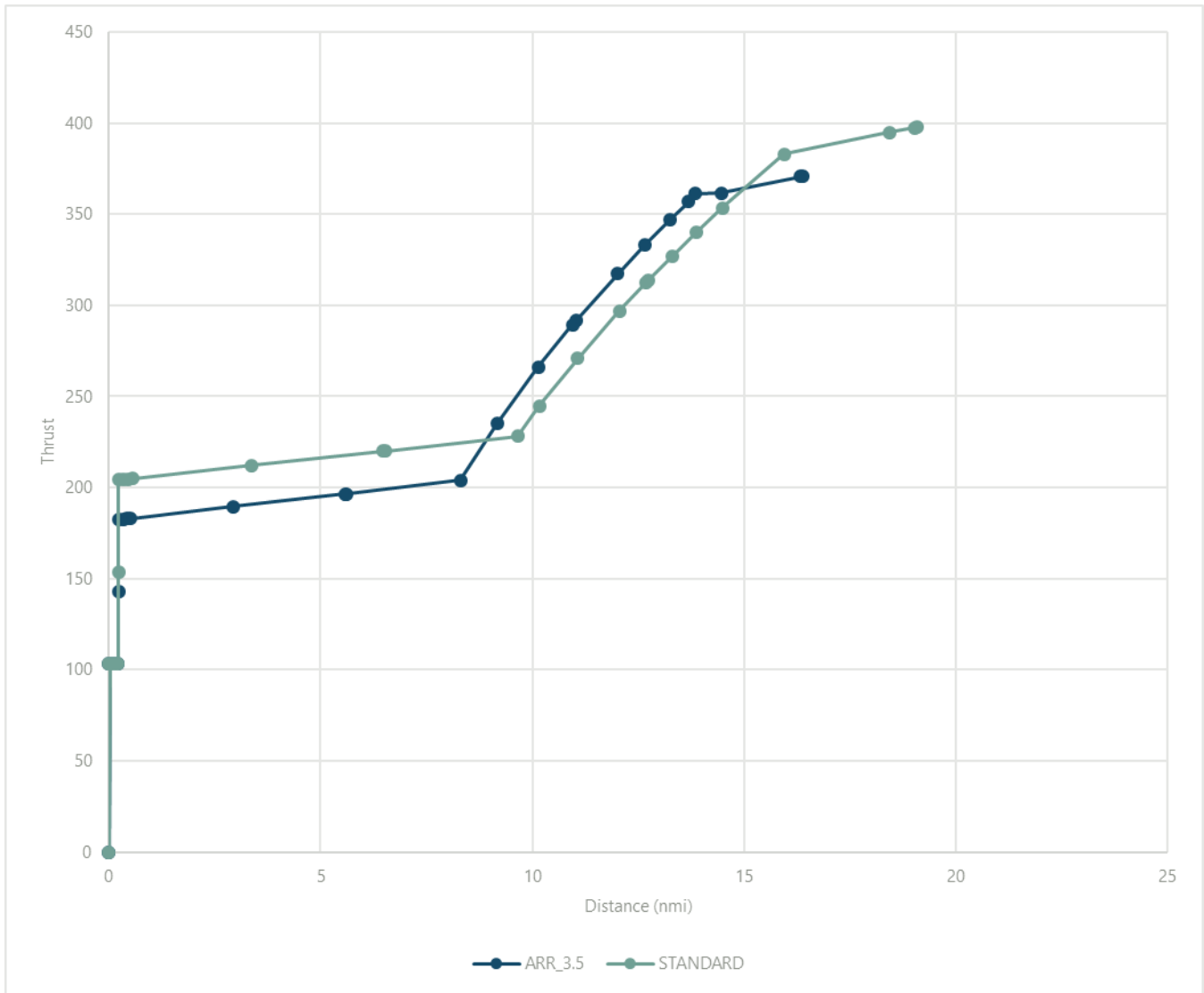
EXHIBIT C-155 ECLIPSE500 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-156 ECLIPSE500 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-53 ECLIPSE300 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.38121	0	6016.4	181.1332	370.7954	19.07828	0	6016.4	181.1332	397.7481
16.33547	0.045744	5999.4	180.904	370.5755	19.02489	0.053386	5999.4	180.9083	397.5002
14.46083	1.920378	5302.728	171.5093	361.5639	18.42993	0.648352	5809.942	178.4025	394.7367
13.83556	2.545655	5070.355	168.257	361.1062	15.93793	3.140351	5016.4	167.4928	382.9417
13.69037	2.69084	5016.4	167.4928	356.9582	14.4905	4.587777	4555.488	154.5447	353.3565
13.26337	3.117843	4857.712	163.1509	347.2889	13.86522	5.213053	4356.378	148.6026	339.7801
12.66187	3.719342	4634.177	156.8309	333.1926	13.29304	5.785242	4174.172	142.9488	326.8626
12.01923	4.361986	4395.35	149.7842	317.441	12.74419	6.334088	3999.4	137.2959	313.9476
11.0421	5.339107	4032.222	138.3841	291.7964	12.69154	6.38674	3982.634	136.7536	312.7086
10.95379	5.427425	3999.4	137.2651	289.2793	12.04889	7.029385	3777.993	129.8083	296.8417
10.14229	6.238917	3697.824	126.9839	266.1517	11.06517	8.013105	3464.741	118.3903	270.76
9.170547	7.210664	3336.693	113.3923	235.0509	10.17196	8.906316	3180.311	106.9723	244.6783
8.308691	8.07252	3016.4	99.80075	203.9501	9.657224	9.421054	3016.4	99.80075	228.2997
5.617851	10.76336	2016.4	98.24025	196.5874	6.516873	12.5614	2016.4	98.24025	220.0579
5.572107	10.8091	1999.4	98.2143	196.4676	6.463487	12.61479	1999.4	98.2143	219.9238
2.927011	13.4542	1016.4	96.71349	189.5389	3.376522	15.70176	1016.4	96.71349	212.1679
0.505255	15.87596	116.4	85.31392	183.0261	0.550206	18.52807	116.4	85.31392	204.9889
0.413766	15.96745	82.4	85.27785	182.8022	0.443434	18.63484	82.4	85.27785	204.7381
0.332803	16.04841	52.31176	85.24592	182.6038	0.348946	18.72933	52.31176	85.24592	204.5158
0.236171	16.14504	16.4	85.2078	182.3669	0.236171	18.84211	16.4	85.2078	204.2503
0.22351	16.1577	16.4	74.95468	142.7335	0.22351	18.85477	16.4	74.95468	153.6752
0.212471	16.16874	16.4	64.70156	103.1	0.212471	18.86581	16.4	64.70156	103.1
0.116795	16.26442	16.4	49.8269	103.1	0.116795	18.96148	16.4	49.8269	103.1
0.045971	16.33524	16.4	34.95225	103.1	0.045971	19.03231	16.4	34.95225	103.1
0	16.38121	16.4	0	0	0	19.07828	16.4	0	0
0	16.38121	16.4	20.07759	103.1	0	19.07828	16.4	20.07759	103.1

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

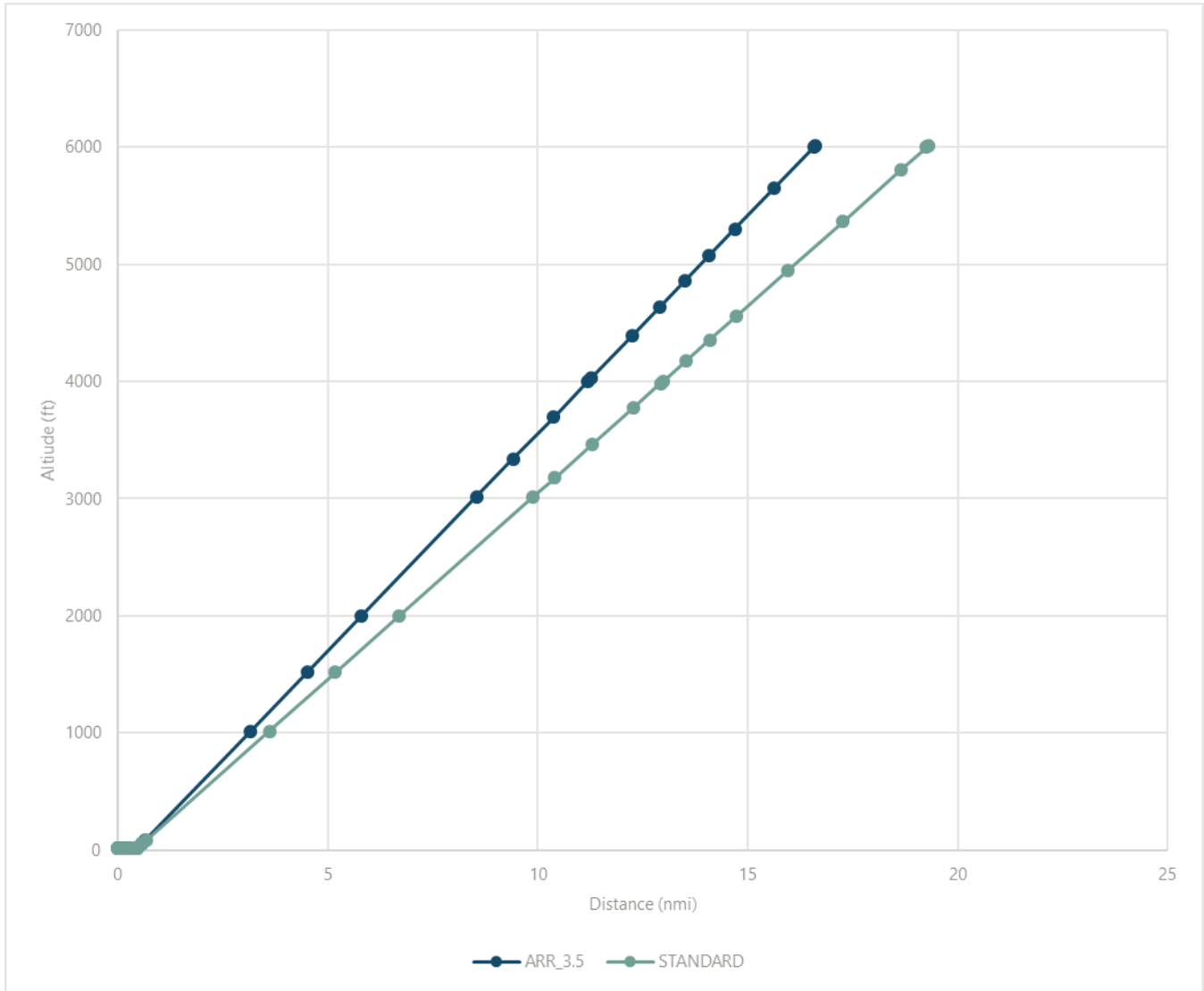
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

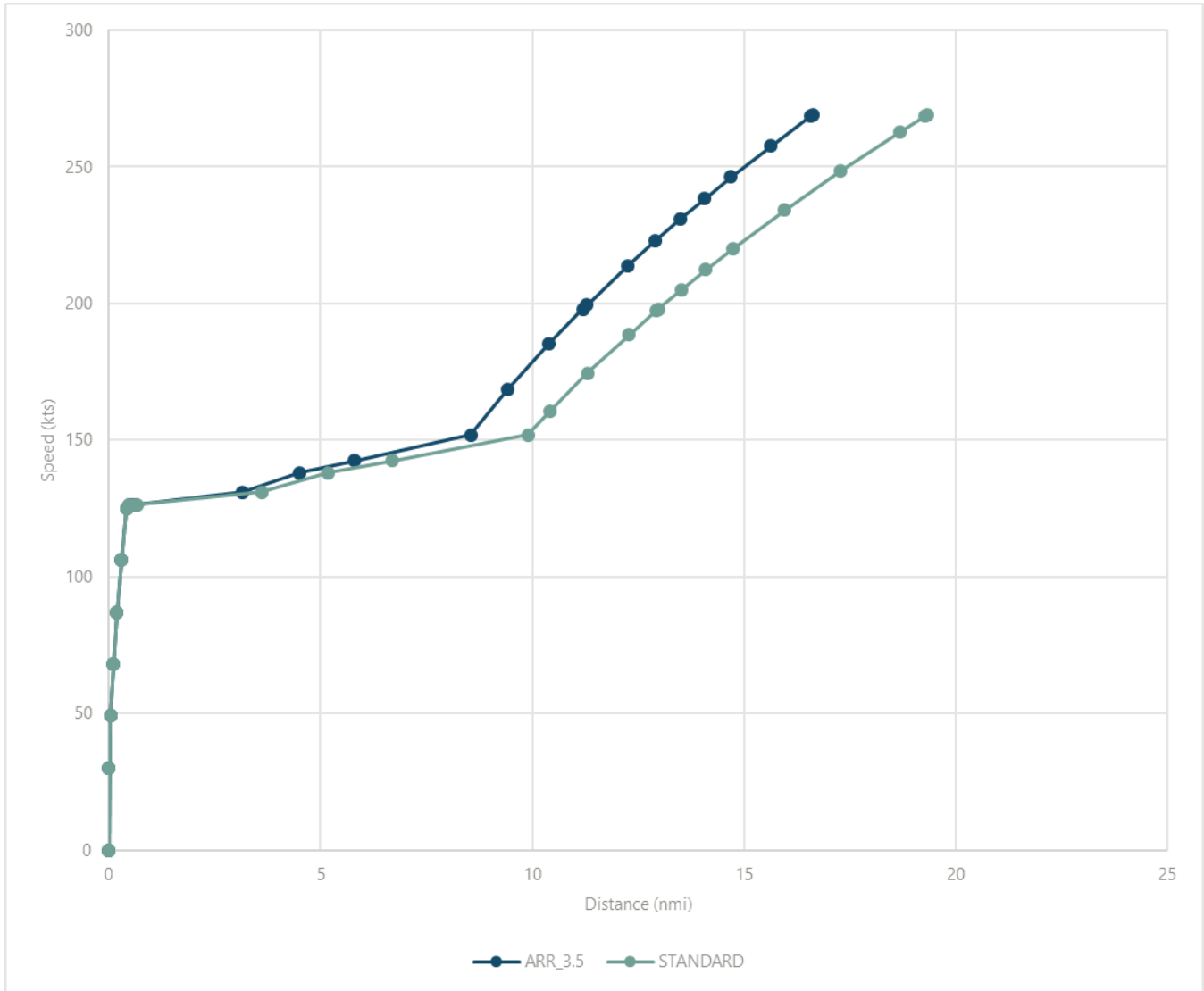
EXHIBIT C-157 EMB145 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

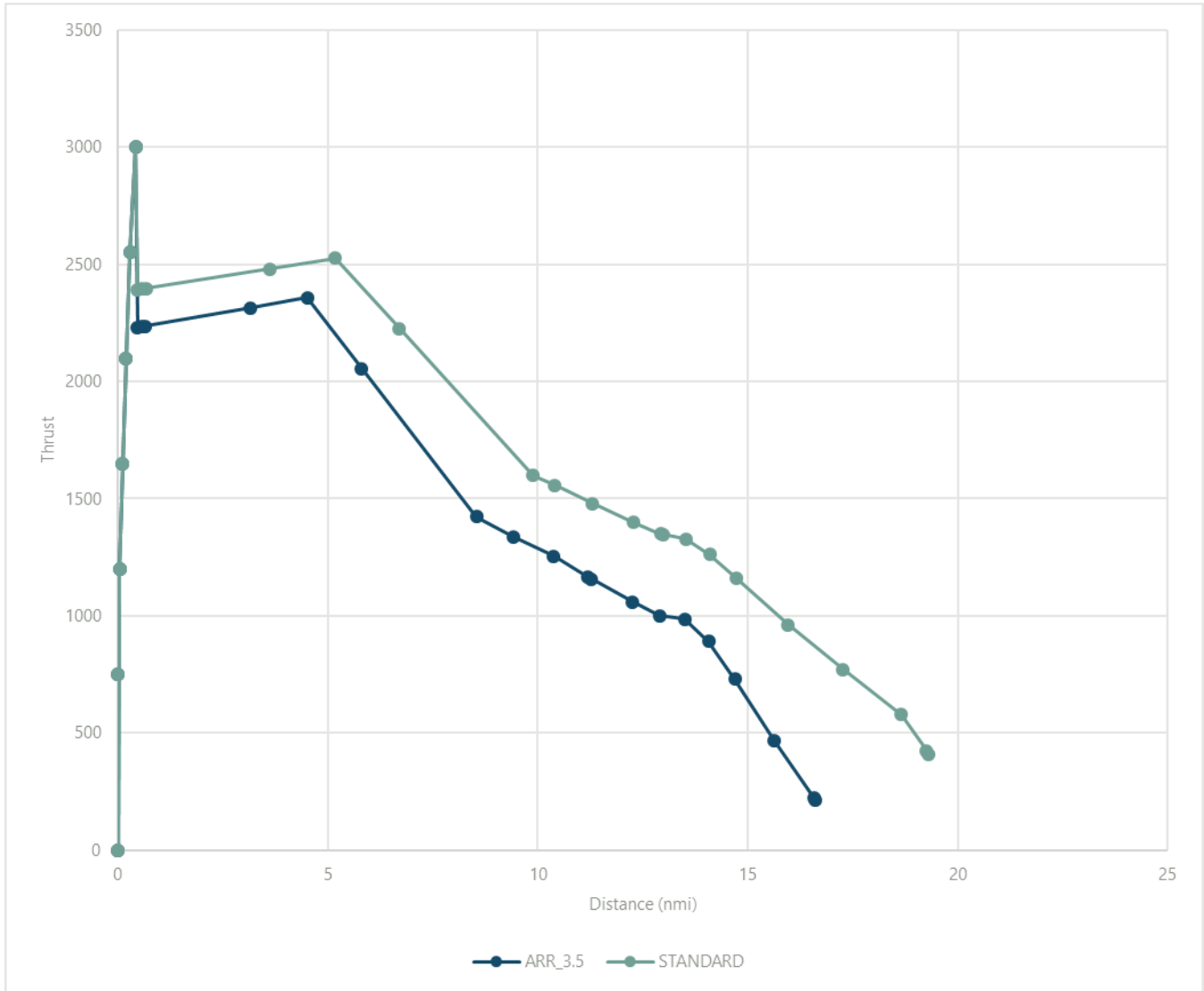
EXHIBIT C-158 EMB145 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-159 EMB145 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-54 EMB145 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.61491	0	6016.4	268.9935	213.0164	19.31198	0	6016.4	268.9935	410.4967
16.56917	0.045744	5999.4	268.4631	224.8146	19.25859	0.053386	5999.4	268.468	424.3098
15.63351	0.981399	5651.682	257.6127	466.1338	18.66363	0.648352	5809.942	262.6117	578.2506
14.69453	1.920378	5302.728	246.232	730.3678	17.27297	2.039007	5367.107	248.3709	769.938
14.06926	2.545655	5070.355	238.3522	891.1682	15.95983	3.352149	4948.956	234.13	962.5019
13.49707	3.117843	4857.712	230.9059	986.7971	14.7242	4.587777	4555.488	219.8892	1162.679
12.89557	3.719342	4634.177	222.81	1001.2	14.09893	5.213053	4356.378	212.3191	1262.43
12.25293	4.361986	4395.35	213.8219	1059.486	13.52674	5.785242	4174.172	205.1471	1328.561
11.28066	5.33425	4034.027	199.4553	1156.492	12.97789	6.334088	3999.4	198.0114	1348.4
11.18749	5.427425	3999.4	197.9756	1166.538	12.92524	6.38674	3982.634	197.3269	1350.303
10.376	6.238917	3697.824	185.0886	1254.03	12.2826	7.029385	3777.993	188.6138	1399.236
9.413984	7.20093	3340.31	168.4725	1337.901	11.30631	8.005666	3467.11	174.5469	1479.041
8.542393	8.07252	3016.4	151.8564	1421.772	10.40566	8.906316	3180.311	160.48	1558.198
5.805809	10.8091	1999.4	142.5398	2055.956	9.890926	9.421054	3016.4	151.8564	1599.552
4.506133	12.10878	1516.4	138.1151	2357.146	6.697189	12.61479	1999.4	142.5398	2227.416
3.160713	13.4542	1016.4	130.9438	2313.638	5.180399	14.13158	1516.4	138.1151	2525.606
0.647468	15.96745	82.4	126.4598	2236.357	3.610224	15.70176	1016.4	130.9438	2479.189
0.566505	16.04841	52.31176	126.3127	2233.823	0.677136	18.63484	82.4	126.4598	2396.469
0.469873	16.14504	16.4	126.1369	2230.795	0.582648	18.72933	52.31176	126.3127	2393.756
0.422885	16.19203	16.4	124.9343	3000	0.469873	18.84211	16.4	126.1369	2390.515
0.296931	16.31798	16.4	105.9707	2550	0.422885	18.88909	16.4	124.9343	3000
0.191666	16.42325	16.4	87.00715	2100	0.296931	19.01505	16.4	105.9707	2550
0.107089	16.50782	16.4	68.04356	1650	0.191666	19.12031	16.4	87.00715	2100
0.0432	16.57171	16.4	49.07997	1200	0.107089	19.20489	16.4	68.04356	1650
0	16.61491	16.4	0	0	0.0432	19.26878	16.4	49.07997	1200
0	16.61491	16.4	30.11638	750	0	19.31198	16.4	0	0
					0	19.31198	16.4	30.11638	750

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

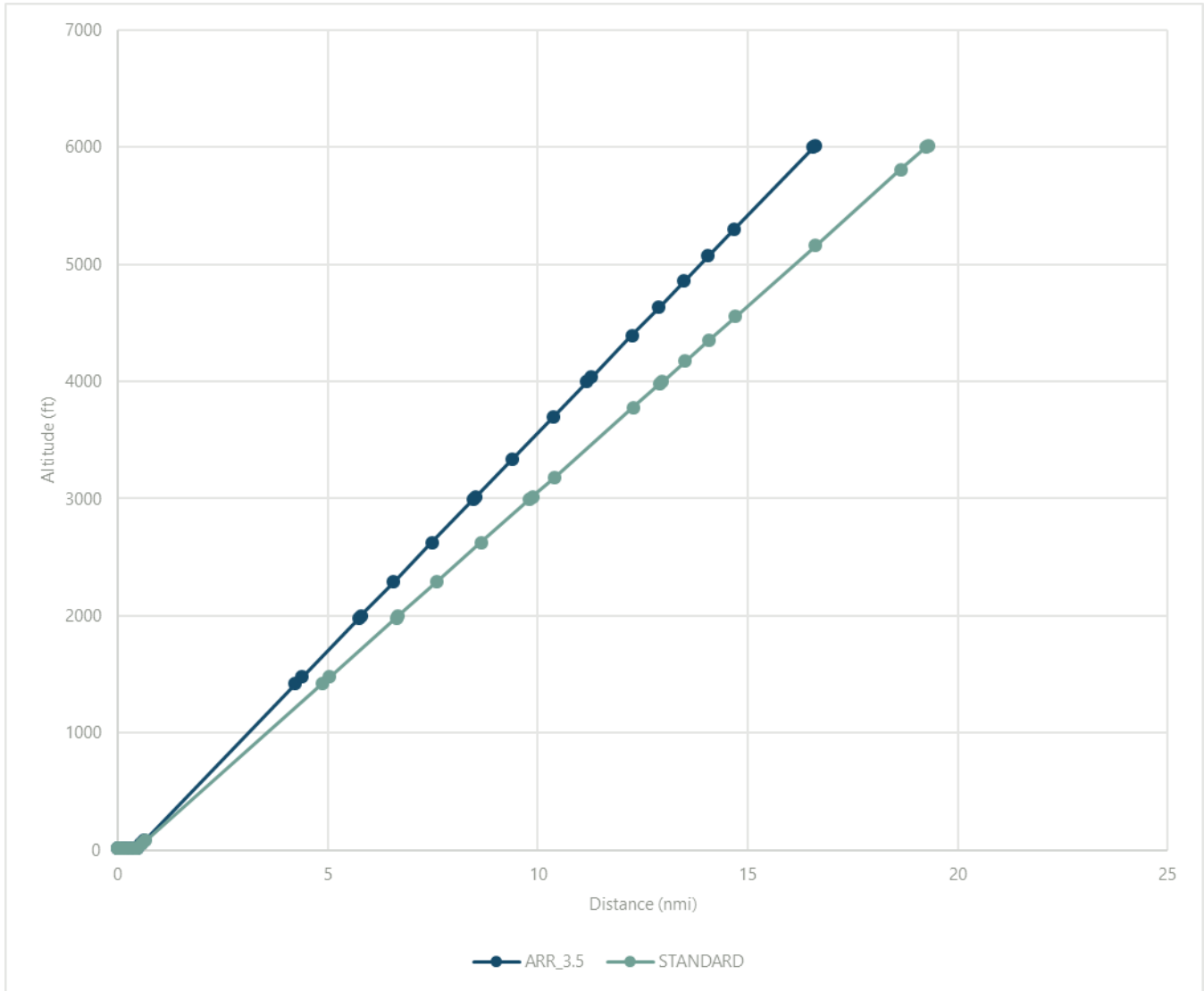
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

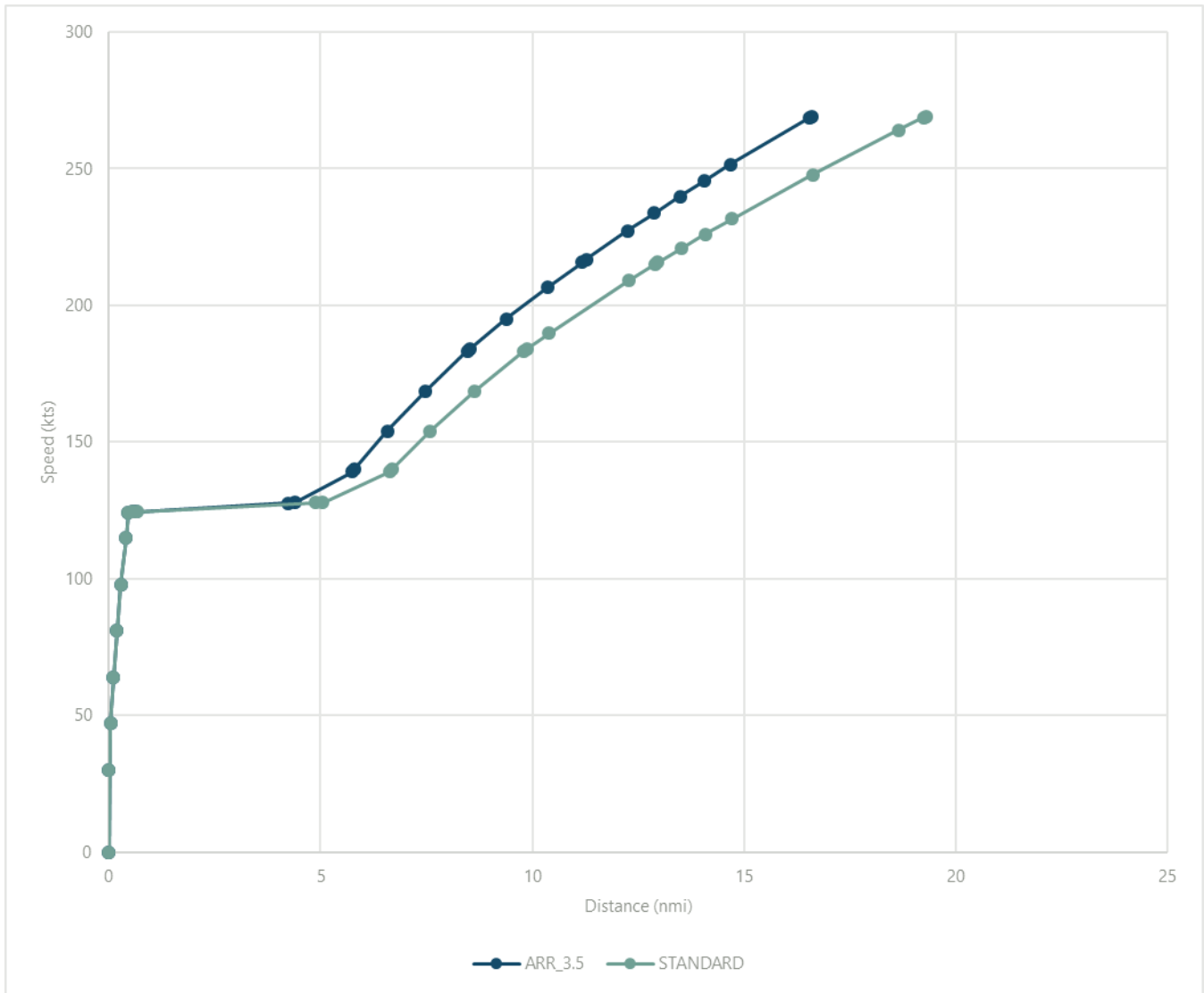
EXHIBIT C-160 EMB175 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

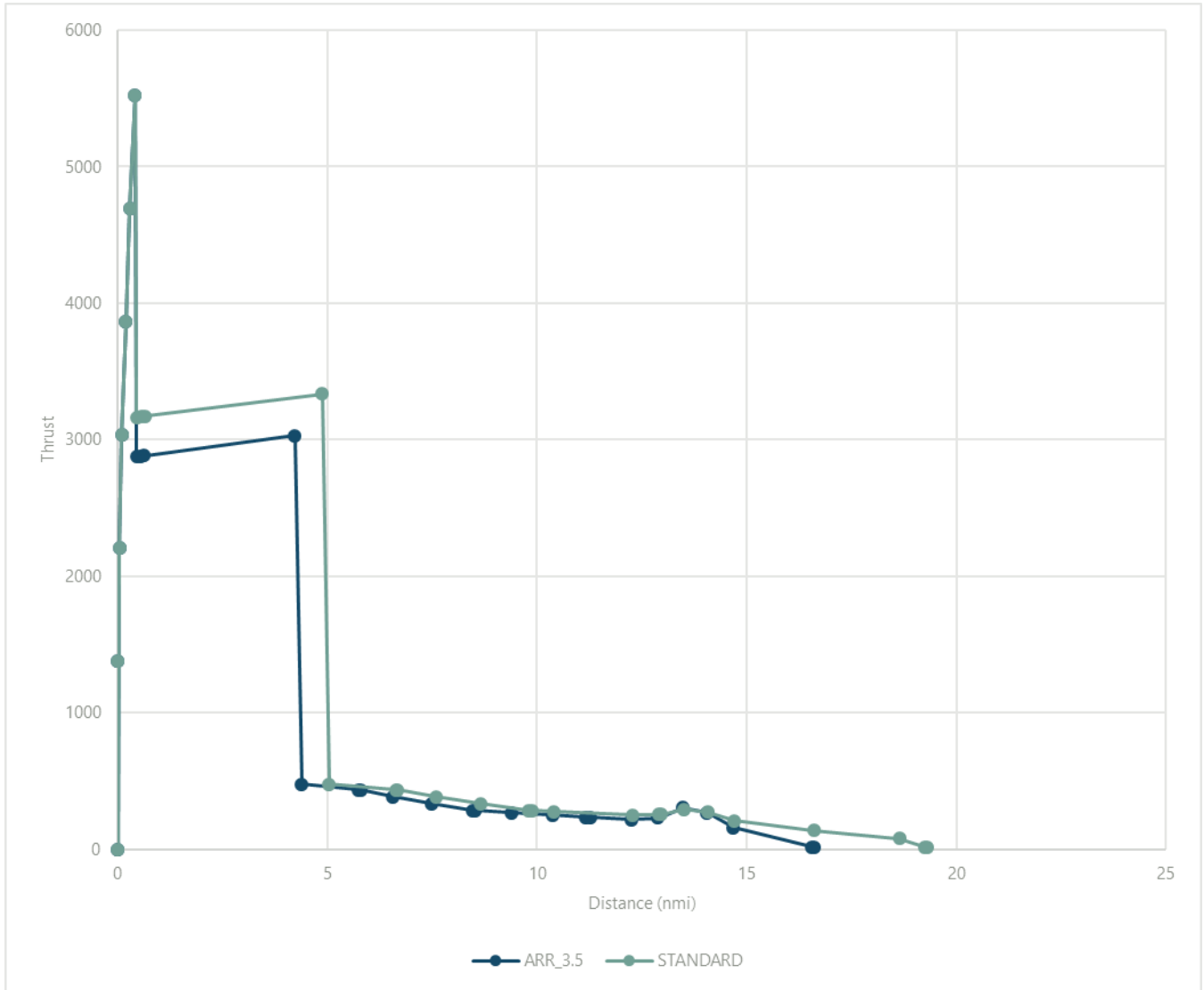
EXHIBIT C-161 EMB175 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-162 EMB175 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-55 EMB175 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.59982	0	6016.4	268.9935	10.51186	19.29689	0	6016.4	268.9935	10.51186
16.55408	0.045744	5999.4	268.5752	14.01579	19.2435	0.053386	5999.4	268.5851	15.97582
14.67944	1.920378	5302.728	251.4304	157.6097	18.64854	0.648352	5809.942	264.0328	76.86954
14.05417	2.545655	5070.355	245.4408	265.7021	16.61442	2.682472	5162.205	247.8256	137.7269
13.48198	3.117843	4857.712	239.8286	303.6512	14.70911	4.587777	4555.488	231.6184	210.3476
12.88048	3.719342	4634.177	233.7838	227.2014	14.08383	5.213053	4356.378	226.0464	269.6987
12.23784	4.361986	4395.35	227.1478	215.7716	13.51165	5.785242	4174.172	220.8244	293.2188
11.27708	5.322738	4038.305	216.8486	232.6873	12.9628	6.334088	3999.4	215.6908	256.348
11.1724	5.427425	3999.4	215.6718	234.668	12.91015	6.38674	3982.634	215.1983	252.8109
10.3609	6.238917	3697.824	206.5494	250.0216	12.2675	7.029385	3777.993	209.0201	248.8948
9.382068	7.217753	3334.058	194.9456	267.7738	10.39057	8.906316	3180.311	189.828	276.4756
8.527301	8.07252	3016.4	184.1909	284.227	9.875834	9.421054	3016.4	184.2025	284.325
8.459812	8.14001	2991.319	183.3417	285.5261	9.79707	9.499818	2991.319	183.3417	285.5261
7.473019	9.126803	2624.596	168.6229	335.5514	8.645431	10.65146	2624.596	168.6229	335.5514
6.568759	10.03106	2288.545	153.9041	385.5767	7.590113	11.70678	2288.545	153.9041	385.5767
5.790717	10.8091	1999.4	139.9678	432.9426	6.682097	12.61479	1999.4	139.9678	432.9426
5.747033	10.85279	1983.166	139.1853	435.602	6.631115	12.66577	1983.166	139.1853	435.602
4.390579	12.20924	1479.065	127.8518	475.6335	5.048062	14.24883	1479.065	127.8518	475.6335
4.226	12.37382	1417.903	127.7065	3030.53	4.883483	14.4134	1426.657	127.7273	3336.813
0.632376	15.96745	82.4	124.4918	2881.12	0.662044	18.63484	82.4	124.4918	3172.299
0.551414	16.04841	52.31176	124.4184	2877.663	0.567556	18.72933	52.31176	124.4184	3168.518
0.454781	16.14504	16.4	124.3308	2873.535	0.454781	18.84211	16.4	124.3308	3164.001
0.409308	16.19051	16.4	114.8955	5520	0.409308	18.88758	16.4	114.8955	5520
0.289159	16.31066	16.4	97.9397	4692	0.289159	19.00773	16.4	97.9397	4692
0.188154	16.41167	16.4	80.98387	3864	0.188154	19.10873	16.4	80.98387	3864
0.106292	16.49353	16.4	64.02804	3036	0.106292	19.1906	16.4	64.02804	3036
0.043574	16.55625	16.4	47.07221	2208	0.043574	19.25331	16.4	47.07221	2208
0	16.59982	16.4	0	0	0	19.29689	16.4	0	0
0	16.59982	16.4	30.11638	1380	0	19.29689	16.4	30.11638	1380

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

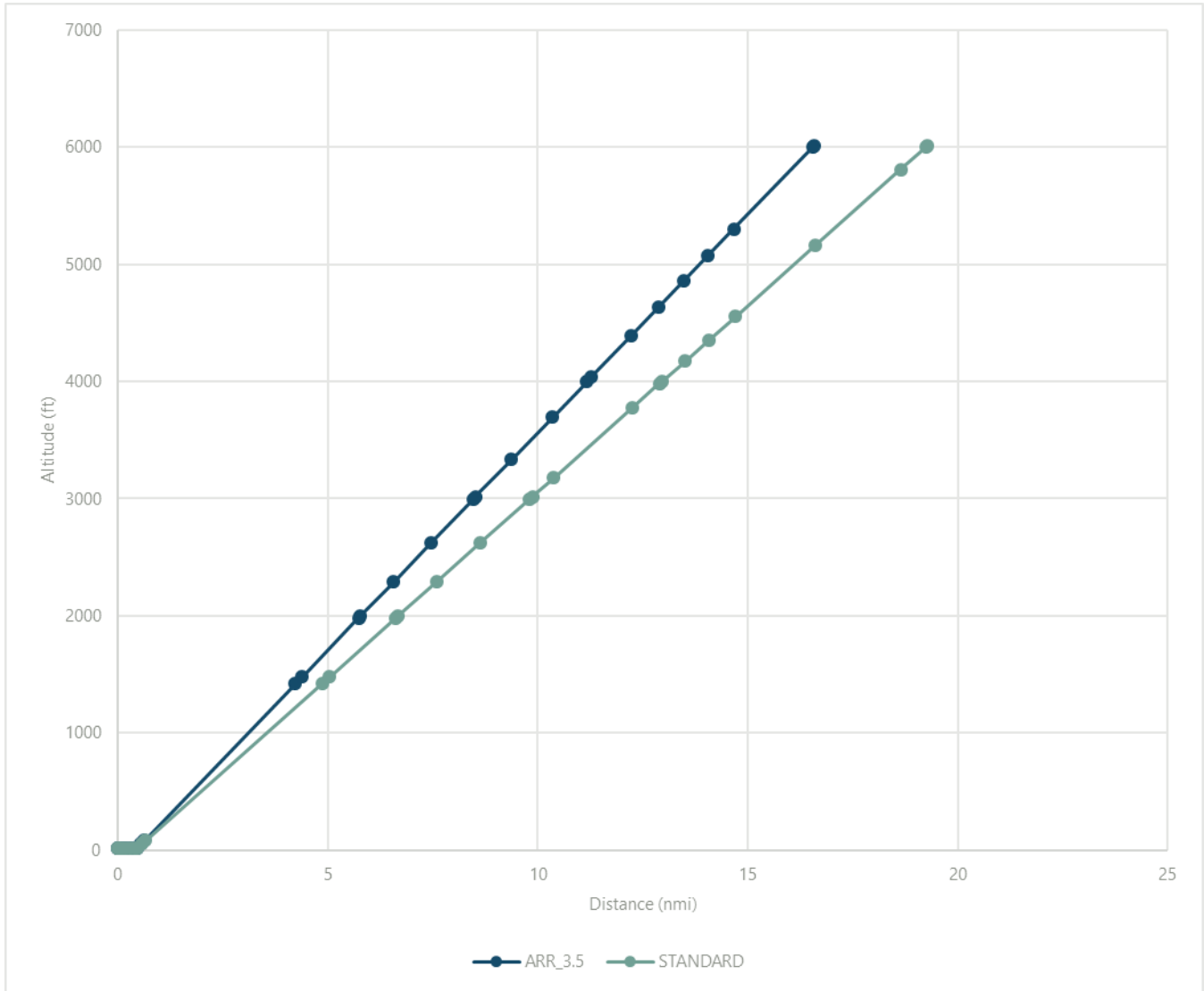
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

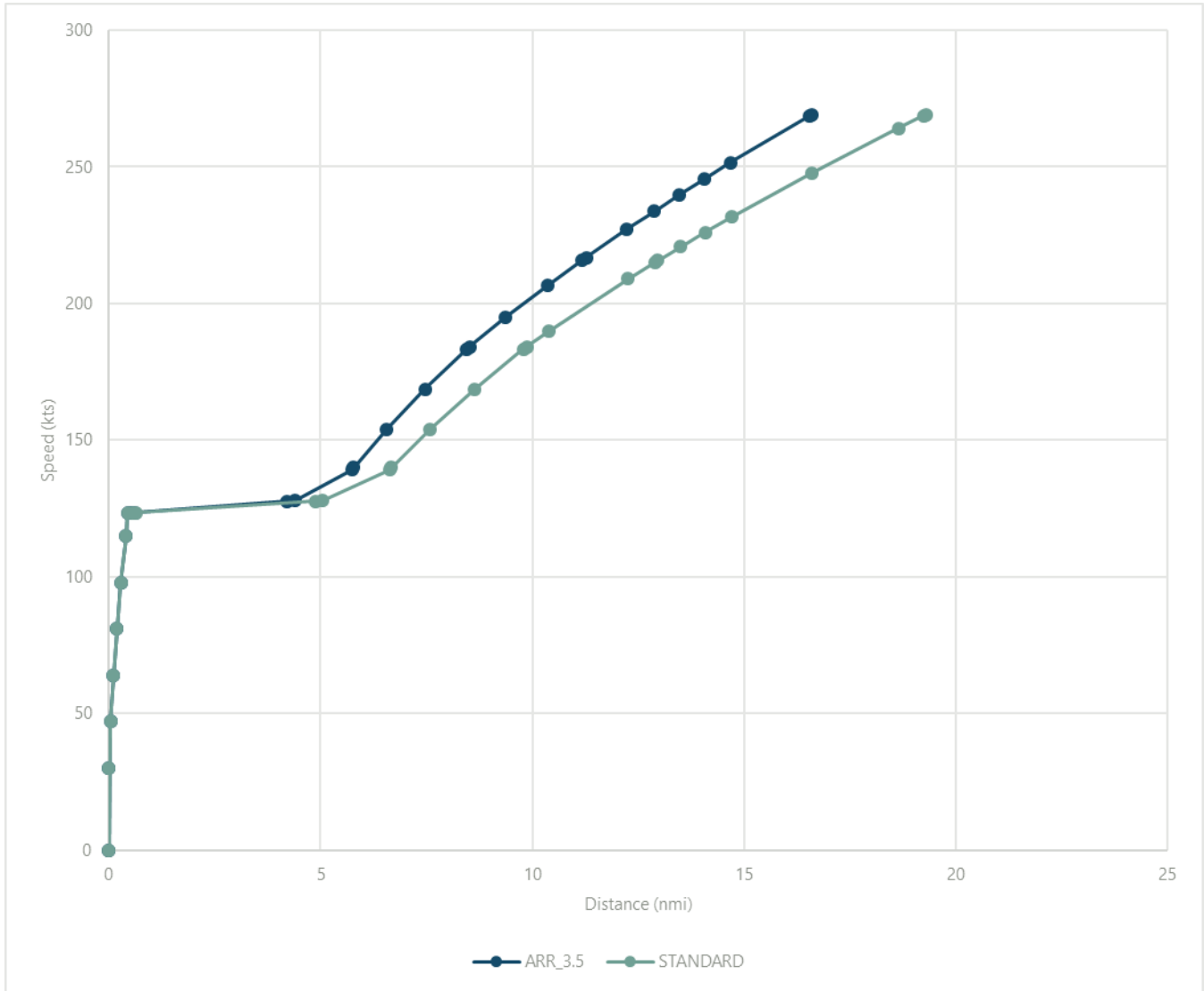
EXHIBIT C-163 EMB190 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

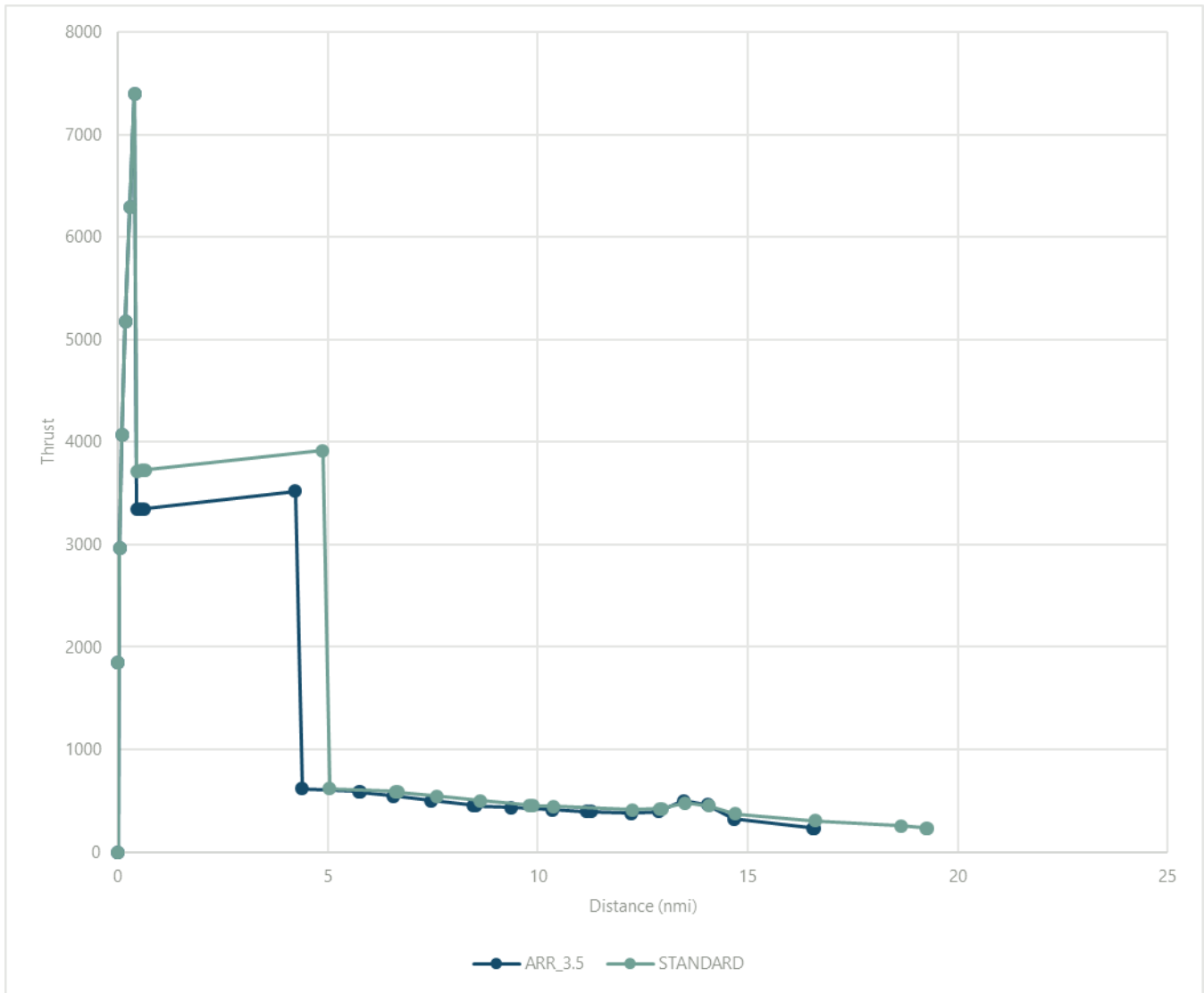
EXHIBIT C-164 EMB190 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-165 EMB190 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-56 EMB190 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.59251	0	6016.4	268.9935	232.937	19.28958	0	6016.4	268.9935	232.937
16.54677	0.045744	5999.4	268.5752	235.1328	19.23619	0.053386	5999.4	268.5851	234.8732
14.67214	1.920378	5302.728	251.4304	325.1187	18.64123	0.648352	5809.942	264.0328	256.4515
14.04686	2.545655	5070.355	245.4408	459.2494	16.60711	2.682472	5162.205	247.8256	307.1159
13.47467	3.117843	4857.712	239.8286	503.1767	14.7018	4.587777	4555.488	231.6184	373.349
12.87317	3.719342	4634.177	233.7838	397.0935	14.07653	5.213053	4356.378	226.0464	448.3595
12.23053	4.361986	4395.35	227.1478	377.6394	13.50434	5.785242	4174.172	220.8244	476.6863
11.26978	5.322738	4038.305	216.8486	395.4759	12.95549	6.334088	3999.4	215.6908	425.614
11.16509	5.427425	3999.4	215.6718	397.5775	12.90284	6.38674	3982.634	215.1983	420.7145
10.3536	6.238917	3697.824	206.5494	413.8683	12.2602	7.029385	3777.993	209.0201	413.2096
9.374761	7.217753	3334.058	194.9456	434.3913	10.38327	8.906316	3180.311	189.828	444.3061
8.519994	8.07252	3016.4	184.1909	453.4125	9.868527	9.421054	3016.4	184.2025	453.5065
8.452504	8.14001	2991.319	183.3417	454.9143	9.789763	9.499818	2991.319	183.3417	454.9143
7.465712	9.126803	2624.596	168.6229	499.8825	8.638124	10.65146	2624.596	168.6229	499.8825
6.561452	10.03106	2288.545	153.9041	544.8507	7.582806	11.70678	2288.545	153.9041	544.8507
5.783409	10.8091	1999.4	139.9678	587.4283	6.67479	12.61479	1999.4	139.9678	587.4283
5.739726	10.85279	1983.166	139.1853	589.8188	6.623808	12.66577	1983.166	139.1853	589.8188
4.383271	12.20924	1479.065	127.8518	620.7638	5.040755	14.24883	1479.065	127.8518	620.7638
4.218693	12.37382	1417.903	127.6638	3522.138	4.876176	14.4134	1426.657	127.6908	3918.507
0.625069	15.96745	82.4	123.4904	3348.067	0.654737	18.63484	82.4	123.4904	3724.952
0.544106	16.04841	52.31176	123.3947	3344.04	0.560249	18.72933	52.31176	123.3947	3720.503
0.447473	16.14504	16.4	123.2805	3339.229	0.447473	18.84211	16.4	123.2805	3715.189
0.402724	16.18979	16.4	114.8955	7400	0.402724	18.88686	16.4	114.8955	7400
0.284508	16.30801	16.4	97.9397	6290	0.284508	19.00507	16.4	97.9397	6290
0.185127	16.40739	16.4	80.98387	5180	0.185127	19.10445	16.4	80.98387	5180
0.104582	16.48793	16.4	64.02804	4070	0.104582	19.185	16.4	64.02804	4070
0.042873	16.54964	16.4	47.07221	2960	0.042873	19.24671	16.4	47.07221	2960
0	16.59251	16.4	0	0	0	19.28958	16.4	0	0
0	16.59251	16.4	30.11638	1850	0	19.28958	16.4	30.11638	1850

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

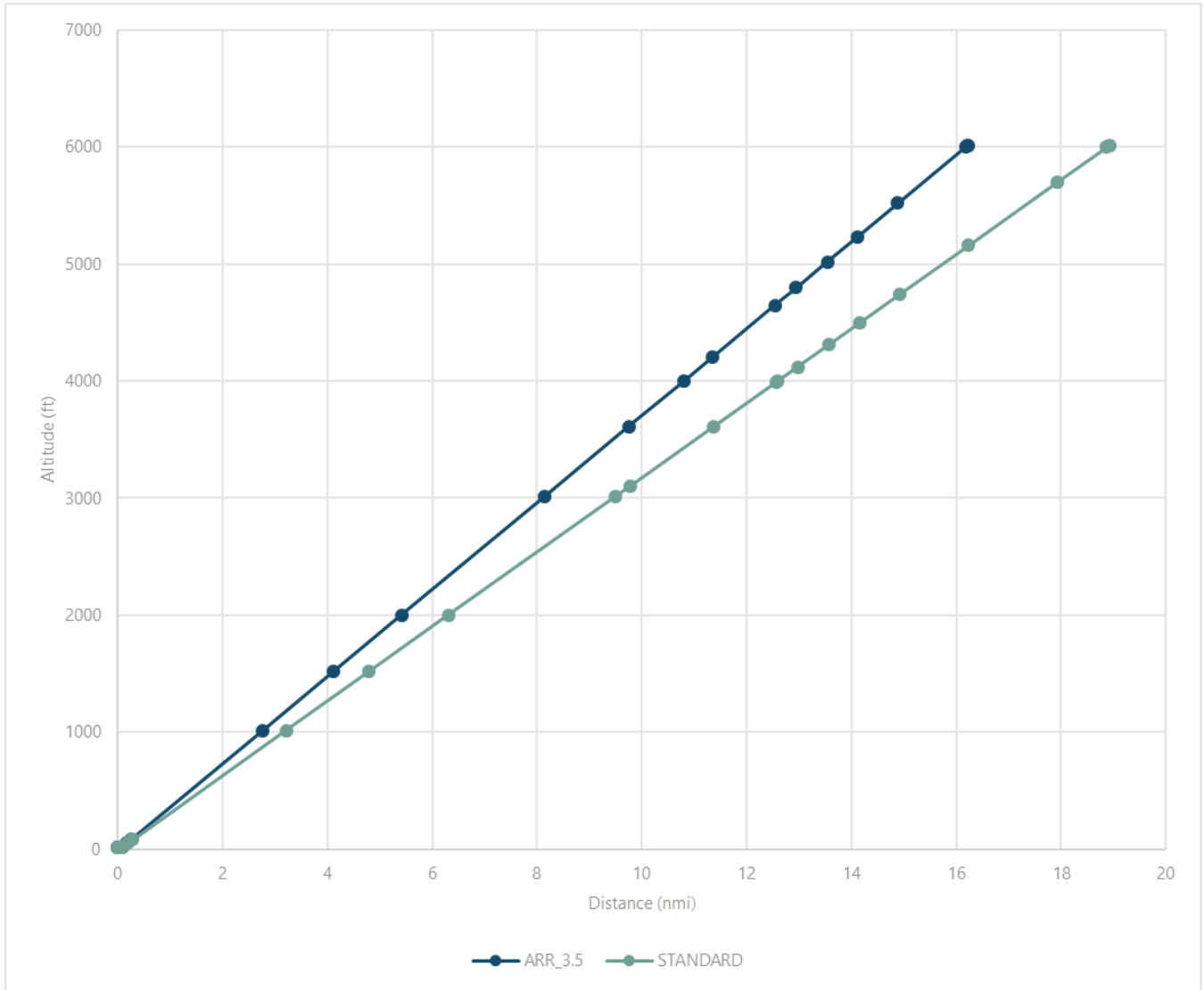
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

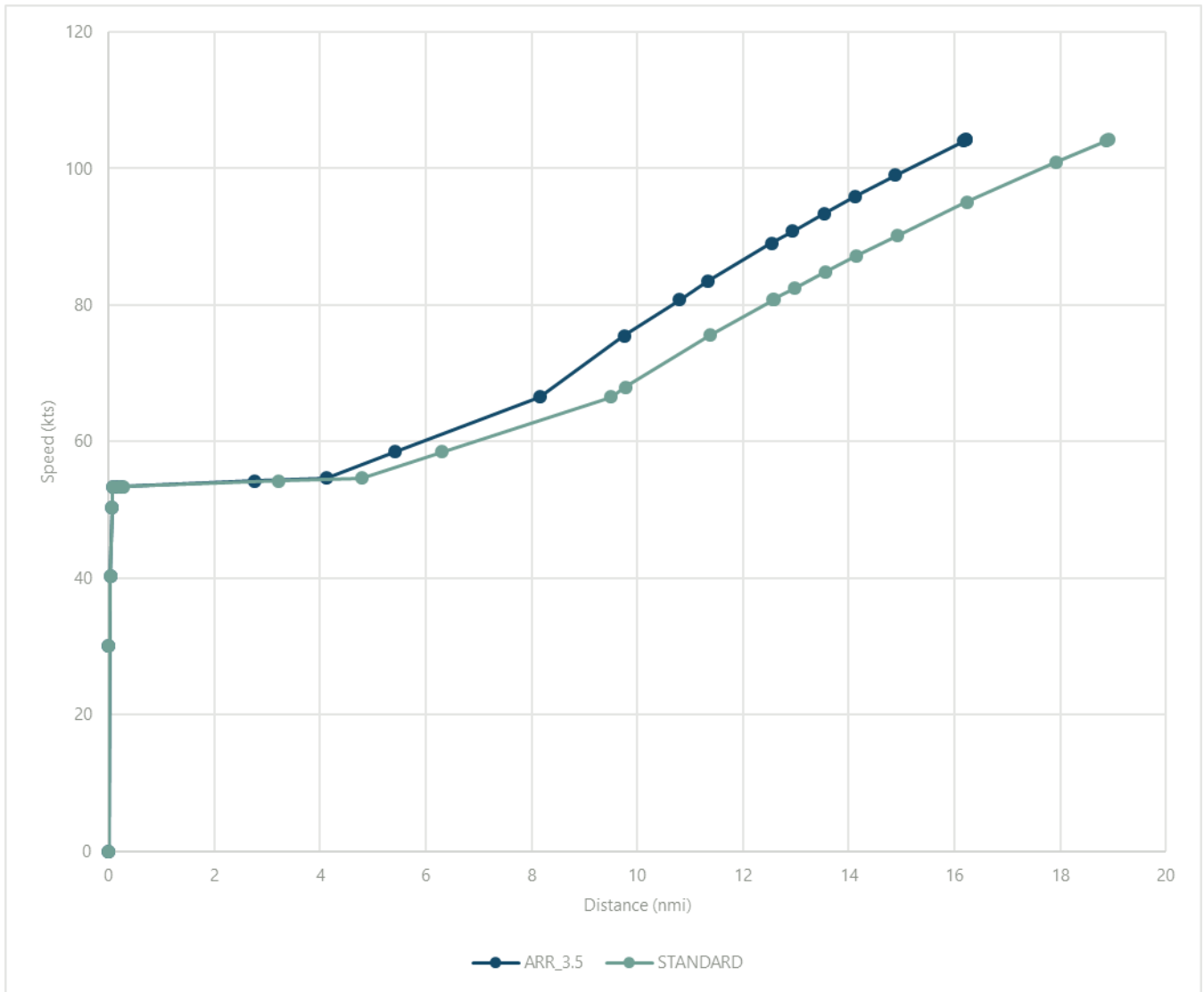
EXHIBIT C-166 GASEPF ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

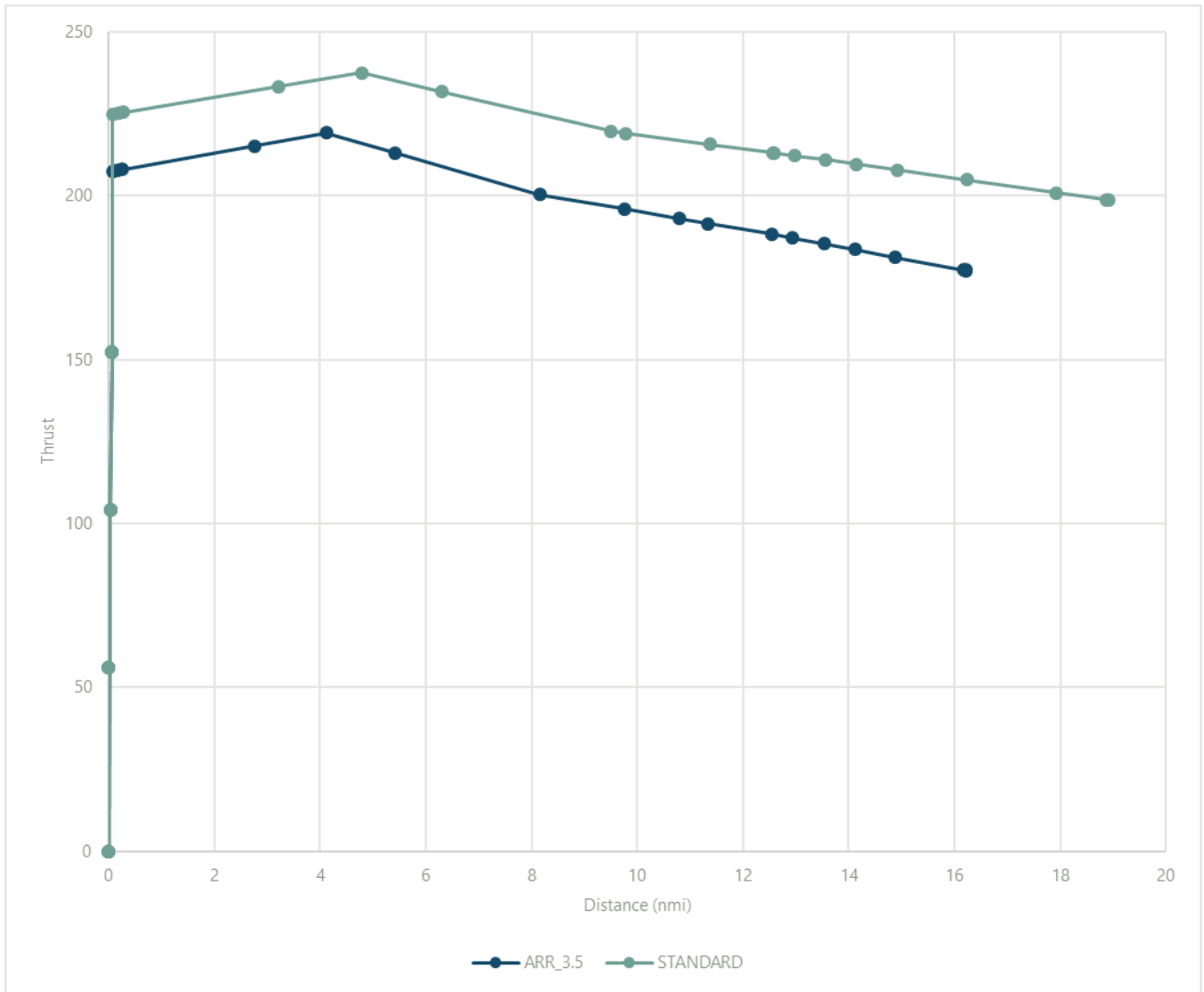
EXHIBIT C-167 GASEPF SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-168 GASEPF THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-57 GASEPF PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.22272	0	6016.4	104.2554	177.2173	18.91979	0	6016.4	104.2554	198.6159
16.20528	0.017447	6009.916	104.1886	177.2704	18.8664	0.053386	5999.4	104.0775	198.7407
16.17698	0.045744	5999.4	104.0775	177.3557	17.92258	0.997213	5698.852	100.9318	200.9481
14.88602	1.336698	5519.641	99.00685	181.2447	16.23494	2.684846	5161.449	95.04265	204.8347
14.12203	2.100694	5235.717	95.87805	183.5825	14.91569	4.004097	4741.353	90.17155	207.8222
13.53781	2.684909	5018.604	93.41484	185.3466	14.1517	4.768093	4498.069	87.22634	209.586
12.94361	3.279109	4797.781	90.84104	187.1059	13.56748	5.352308	4312.034	84.90528	210.919
12.54365	3.679072	4649.142	89.06671	188.2328	12.97328	5.946507	4122.82	82.47759	212.2612
11.34421	4.878508	4203.395	83.52002	191.5069	12.5857	6.334088	3999.4	80.85427	213.0891
10.7953	5.427425	3999.4	80.76534	193.037	12.57332	6.346471	3995.457	80.80241	213.1156
9.749567	6.473155	3610.774	75.51746	195.952	11.37388	7.545907	3613.514	75.55641	215.6384
8.150202	8.07252	3016.4	66.5313	200.3111	9.779234	9.140554	3105.721	67.95763	219.0664
5.413617	10.8091	1999.4	58.49279	213.0526	9.498735	9.421054	3016.4	66.5313	219.6639
4.113941	12.10878	1516.4	54.67509	219.1038	6.304998	12.61479	1999.4	58.49279	231.779
2.768521	13.4542	1016.4	54.2312	215.1469	4.788208	14.13158	1516.4	54.67509	237.5328
0.255277	15.96745	82.4	53.38854	207.9972	3.218032	15.70176	1016.4	54.2312	233.243
0.174314	16.04841	52.31176	53.36117	207.7627	0.284944	18.63484	82.4	53.38854	225.4925
0.077681	16.14504	16.4	53.32849	207.4826	0.190457	18.72933	52.31176	53.36117	225.2383
0.069913	16.15281	16.4	50.34609	152.32	0.077681	18.84211	16.4	53.32849	224.9347
0.030562	16.19216	16.4	40.23123	104.16	0.069913	18.84988	16.4	50.34609	152.32
0	16.22272	16.4	0	0	0.030562	18.88923	16.4	40.23123	104.16
0	16.22272	16.4	30.11638	56	0	18.91979	16.4	0	0
					0	18.91979	16.4	30.11638	56

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

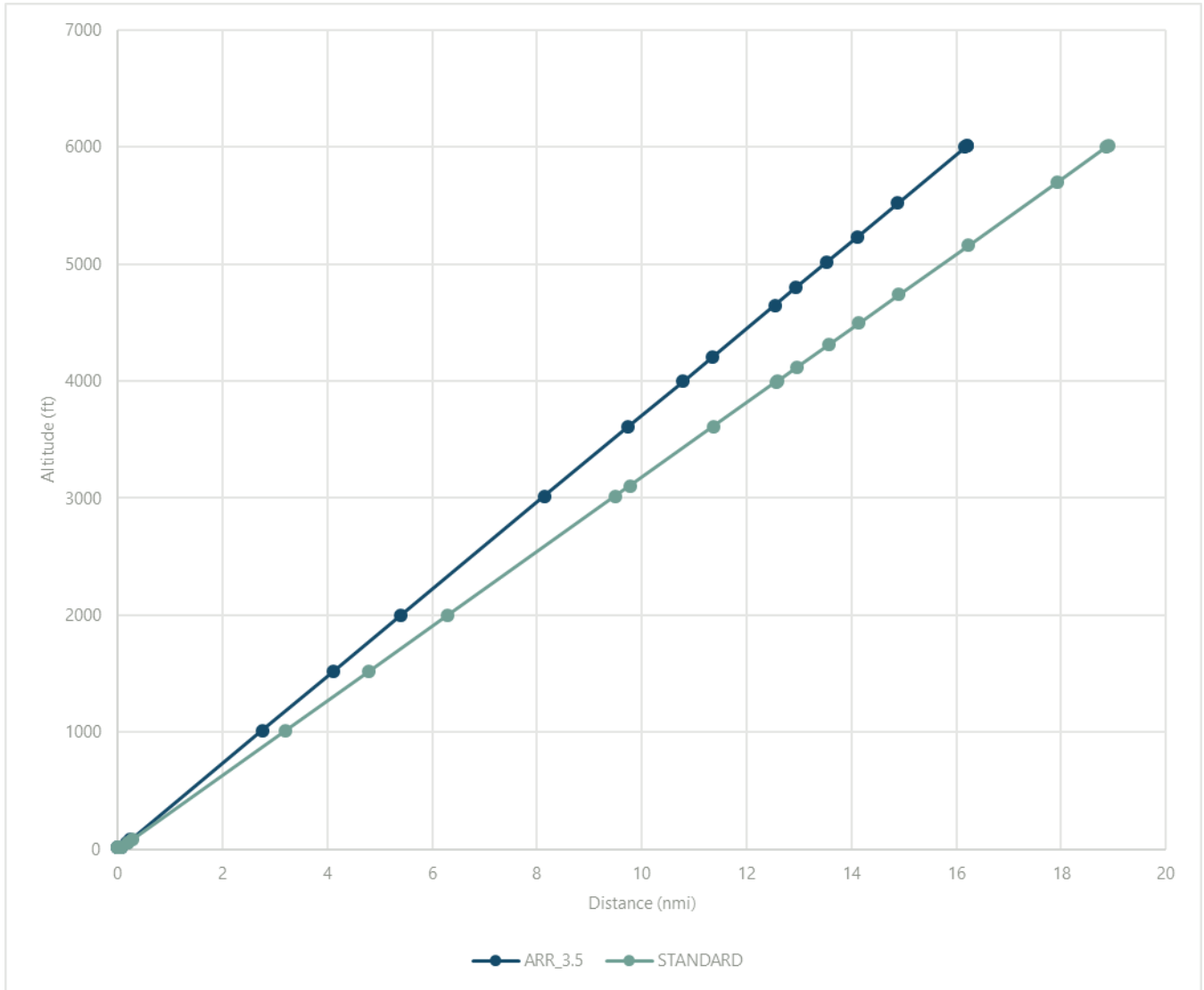
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

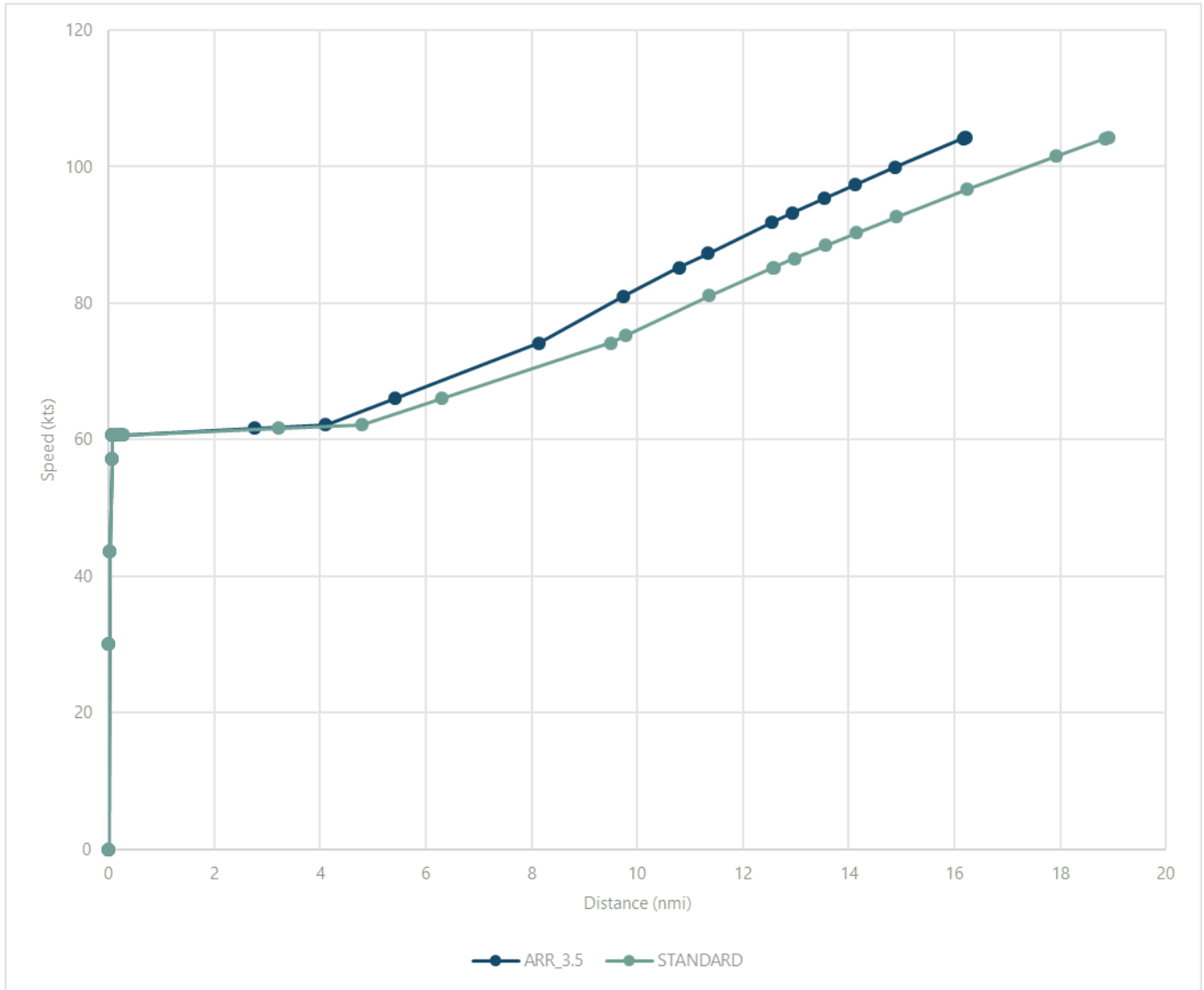
EXHIBIT C-169 GASEPV ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

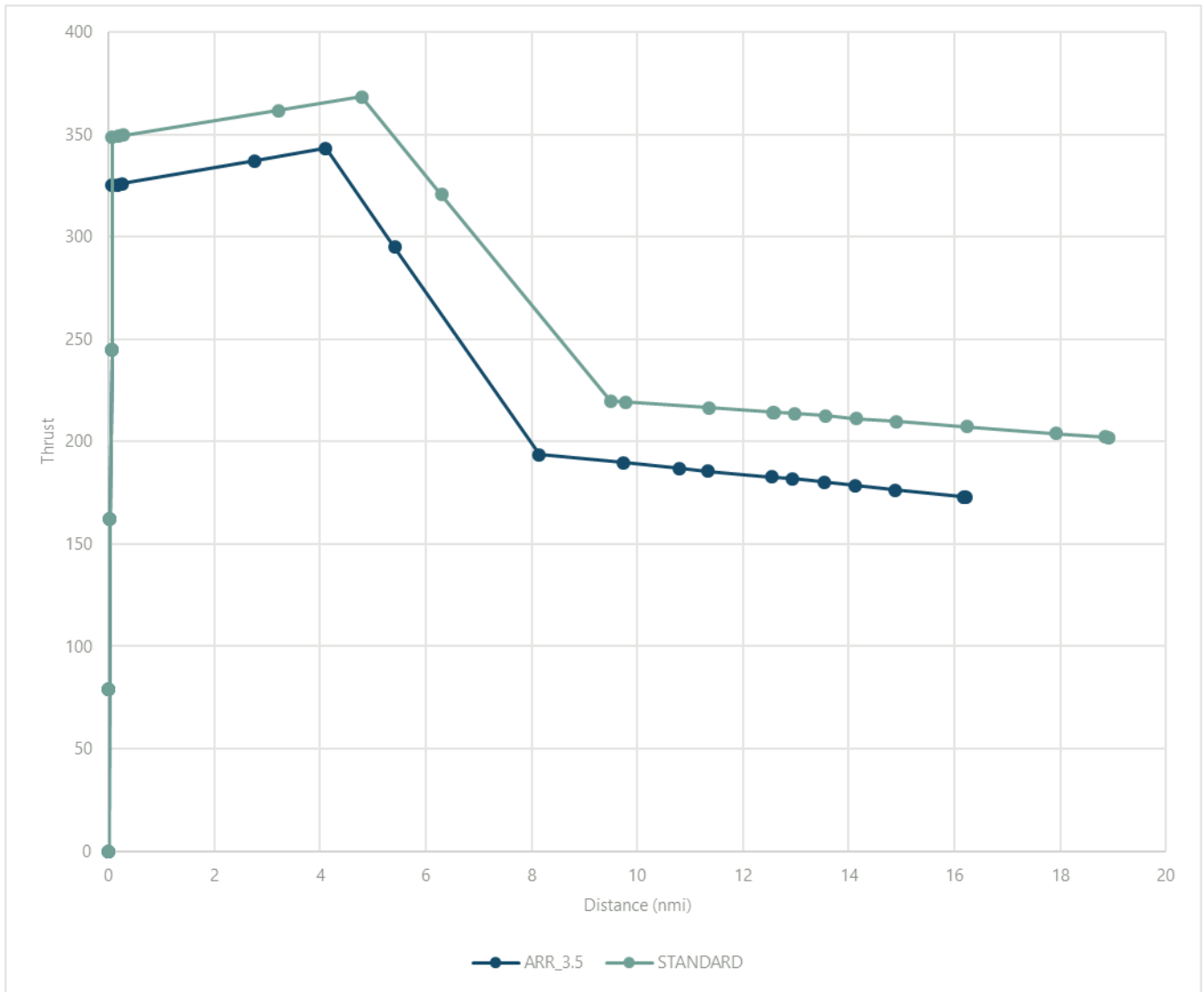
EXHIBIT C-170 GASEPV SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-171 GASEPV THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-58 GASEPV PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.21548	0	6016.4	104.2554	172.8271	18.91255	0	6016.4	104.2554	202.007
16.19803	0.017447	6009.916	104.1998	172.8746	18.85916	0.053386	5999.4	104.1077	202.1121
16.16974	0.045744	5999.4	104.1077	172.9508	17.91533	0.997213	5698.852	101.4956	203.9703
14.87878	1.336698	5519.641	99.90436	176.4282	16.2277	2.684846	5161.449	96.64553	207.2505
14.11479	2.100694	5235.717	97.33018	178.5462	14.90845	4.004097	4741.353	92.6776	209.779
13.53057	2.684909	5018.604	95.31485	180.1469	14.14445	4.768093	4498.069	90.30003	211.2992
12.93637	3.279109	4797.781	93.2204	181.7398	13.56024	5.352308	4312.034	88.43882	212.4492
12.53641	3.679072	4649.142	91.78369	182.744	12.96604	5.946507	4122.82	86.50474	213.608
11.33697	4.878508	4203.395	87.33359	185.6325	12.57846	6.334088	3999.4	85.21923	214.3011
10.78806	5.427425	3999.4	85.16706	187.0088	12.56608	6.346471	3995.457	85.17816	214.3233
9.742325	6.473155	3610.774	81.03965	189.6308	11.36664	7.545907	3613.514	81.06988	216.4212
8.14296	8.07252	3016.4	74.19272	193.558	9.771993	9.140554	3105.721	75.26144	219.3461
5.406376	10.8091	1999.4	66.03945	295.0055	9.491493	9.421054	3016.4	74.19272	219.8565
4.1067	12.10878	1516.4	62.16724	343.1855	6.297756	12.61479	1999.4	66.03945	320.4327
2.76128	13.4542	1016.4	61.66815	336.9877	4.780967	14.13158	1516.4	62.16724	368.199
0.248035	15.96745	82.4	60.70558	325.7884	3.210791	15.70176	1016.4	61.66815	361.5494
0.167073	16.04841	52.31176	60.67431	325.4211	0.277703	18.63484	82.4	60.70558	349.5348
0.07044	16.14504	16.4	60.63698	324.9824	0.183215	18.72933	52.31176	60.67431	349.1407
0.063396	16.15208	16.4	57.27285	244.9	0.07044	18.84211	16.4	60.63698	348.6701
0.026773	16.18871	16.4	43.69462	161.95	0.063396	18.84915	16.4	57.27285	244.9
0	16.21548	16.4	0	0	0.026773	18.88577	16.4	43.69462	161.95
0	16.21548	16.4	30.11638	79	0	18.91255	16.4	0	0
					0	18.91255	16.4	30.11638	79

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

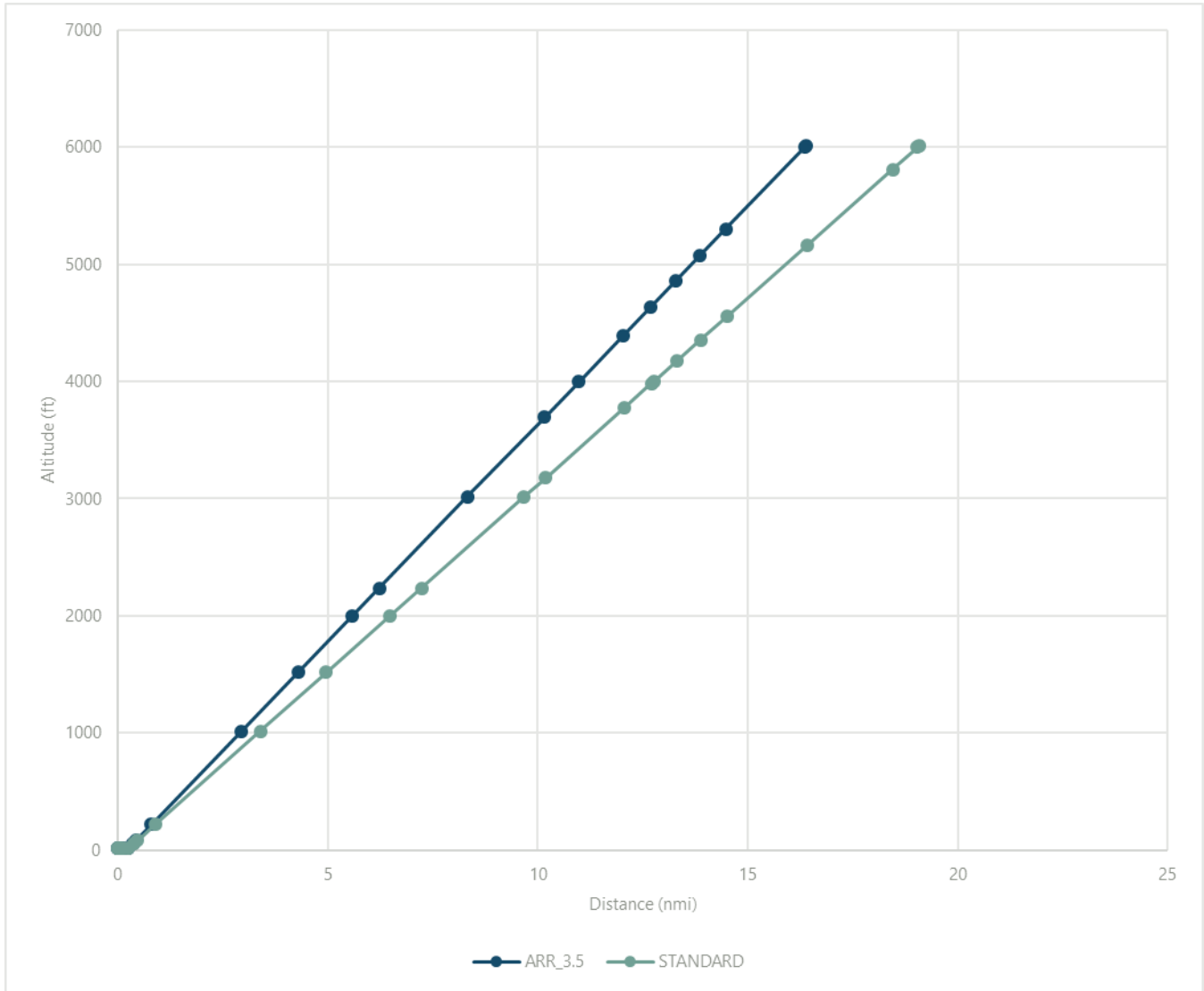
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

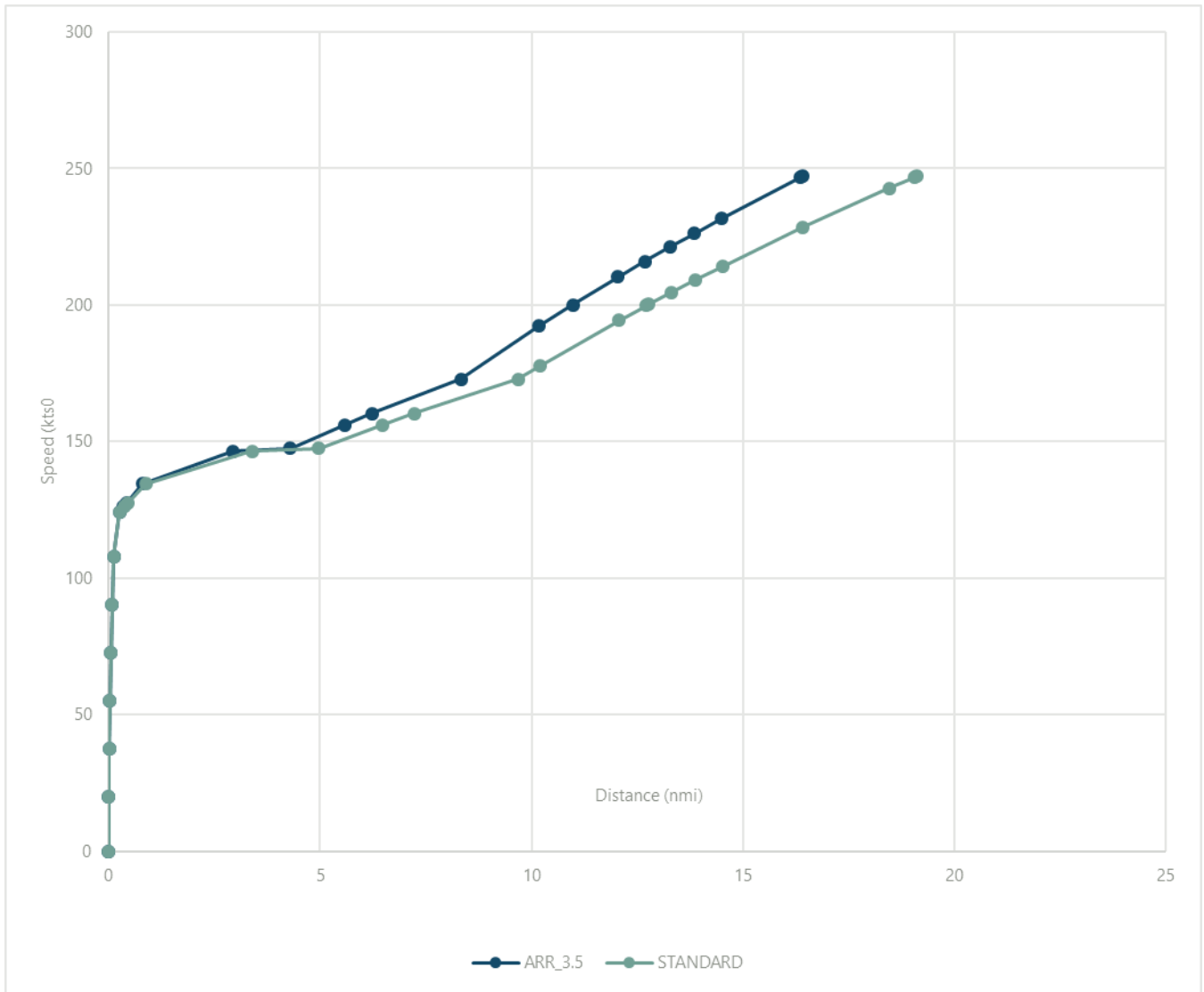
EXHIBIT C-172 GIIB ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
- Thrust – net corrected thrust in pounds
- ARR_3.5 – user defined 3.5-degree approach performance profile
- Altitude – height above airfield elevation
- Distance – cumulative distance starting from end of landing roll on Runway 27
- Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

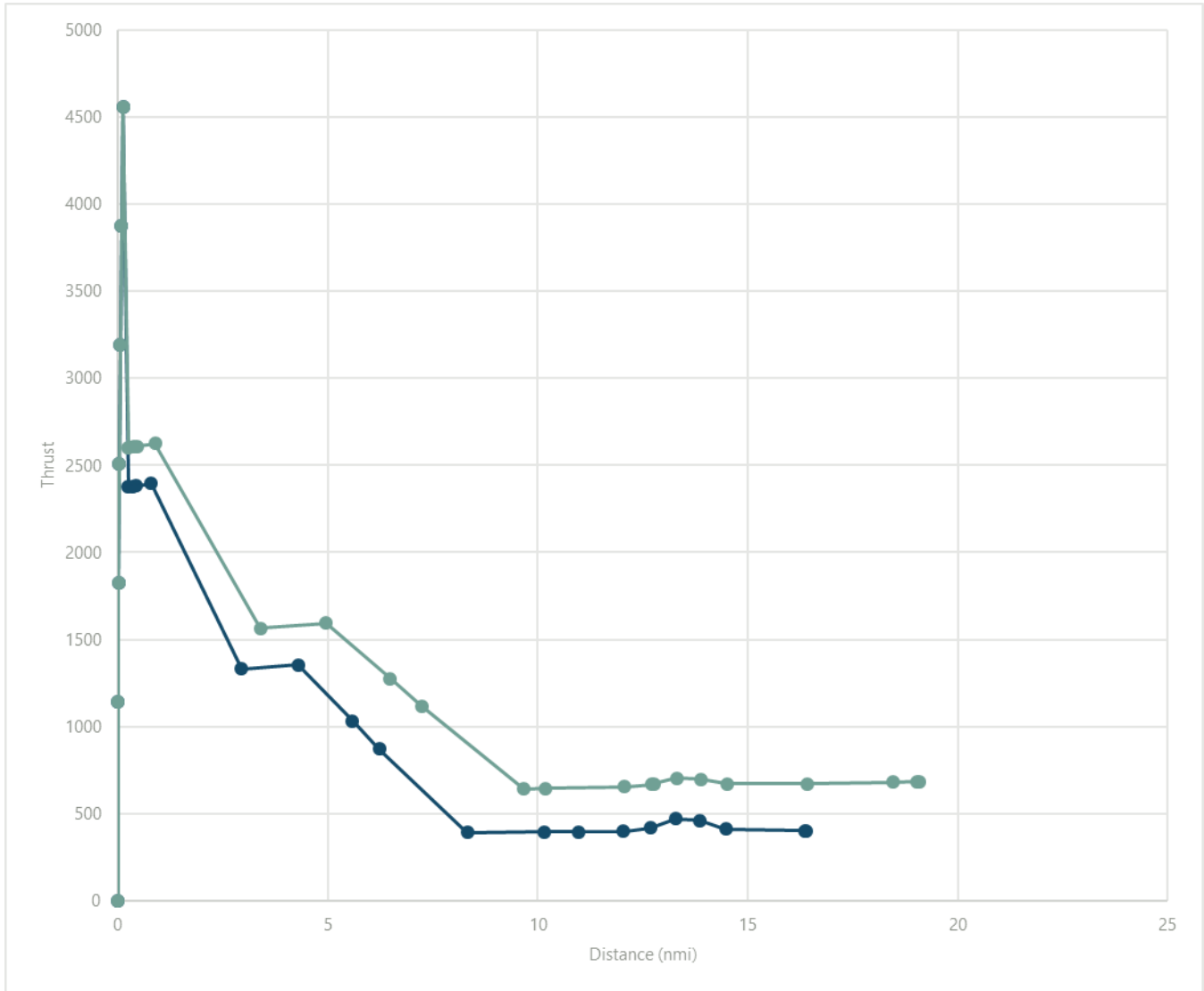
EXHIBIT C-173 GIIB SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-174 GIIB THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-59 GIIB PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.40014	0	6016.4	247.0284	402.1613	19.0972	0	6016.4	247.0284	682.6239
16.35439	0.045744	5999.4	246.6596	402.3523	19.04382	0.053386	5999.4	246.668	682.4898
14.47976	1.920378	5302.728	231.5458	410.1821	18.44885	0.648352	5809.942	242.651	680.9948
13.85448	2.545655	5070.355	226.2761	460.0005	16.41767	2.679538	5163.139	228.3948	672.2105
13.28229	3.117843	4857.712	221.3439	471.5645	14.50943	4.587777	4555.488	214.1386	671.1497
12.6808	3.719342	4634.177	216.0377	416.6461	13.88415	5.213053	4356.378	209.256	697.9166
12.03815	4.361986	4395.35	210.2206	399.5885	13.31196	5.785242	4174.172	204.686	703.1965
10.97271	5.427425	3999.4	200.0059	396.0962	12.76312	6.334088	3999.4	200.1996	670.9904
10.16122	6.238917	3697.824	192.2258	393.4363	12.71046	6.38674	3982.634	199.7692	667.9009
8.327618	8.07252	3016.4	172.8466	390.835	12.06782	7.029385	3777.993	194.3787	655.1048
6.229842	10.1703	2236.801	160.2019	872.5384	10.19089	8.906316	3180.311	177.7013	644.8452
5.591033	10.8091	1999.4	156.035	1031.279	9.676151	9.421054	3016.4	172.8466	642.5939
4.291357	12.10878	1516.4	147.5572	1354.242	7.227937	11.86927	2236.801	160.2019	1117.802
2.945937	13.4542	1016.4	146.429	1329.785	6.482414	12.61479	1999.4	156.035	1274.403
0.793265	15.60687	216.4	134.5807	2396.114	4.965624	14.13158	1516.4	147.5572	1593.011
0.432693	15.96745	82.4	127.6611	2383.064	3.395448	15.70176	1016.4	146.429	1564.241
0.35173	16.04841	52.31176	126.0551	2380.144	0.883167	18.21404	216.4	134.5807	2624.14
0.255097	16.14504	16.4	124.1111	2376.61	0.46236	18.63484	82.4	127.6611	2610.204
0.12508	16.27506	16.4	107.8684	4560	0.367873	18.72933	52.31176	126.0551	2607.086
0.086332	16.31381	16.4	90.31022	3876	0.255097	18.84211	16.4	124.1111	2603.312
0.05445	16.34569	16.4	72.75206	3192	0.12508	18.97212	16.4	107.8684	4560
0.029434	16.3707	16.4	55.1939	2508	0.086332	19.01087	16.4	90.31022	3876
0.011284	16.38885	16.4	37.63575	1824	0.05445	19.04275	16.4	72.75206	3192
0	16.40014	16.4	0	0	0.029434	19.06777	16.4	55.1939	2508
0	16.40014	16.4	20.07759	1140	0.011284	19.08592	16.4	37.63575	1824
					0	19.0972	16.4	0	0
					0	19.0972	16.4	20.07759	1140

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

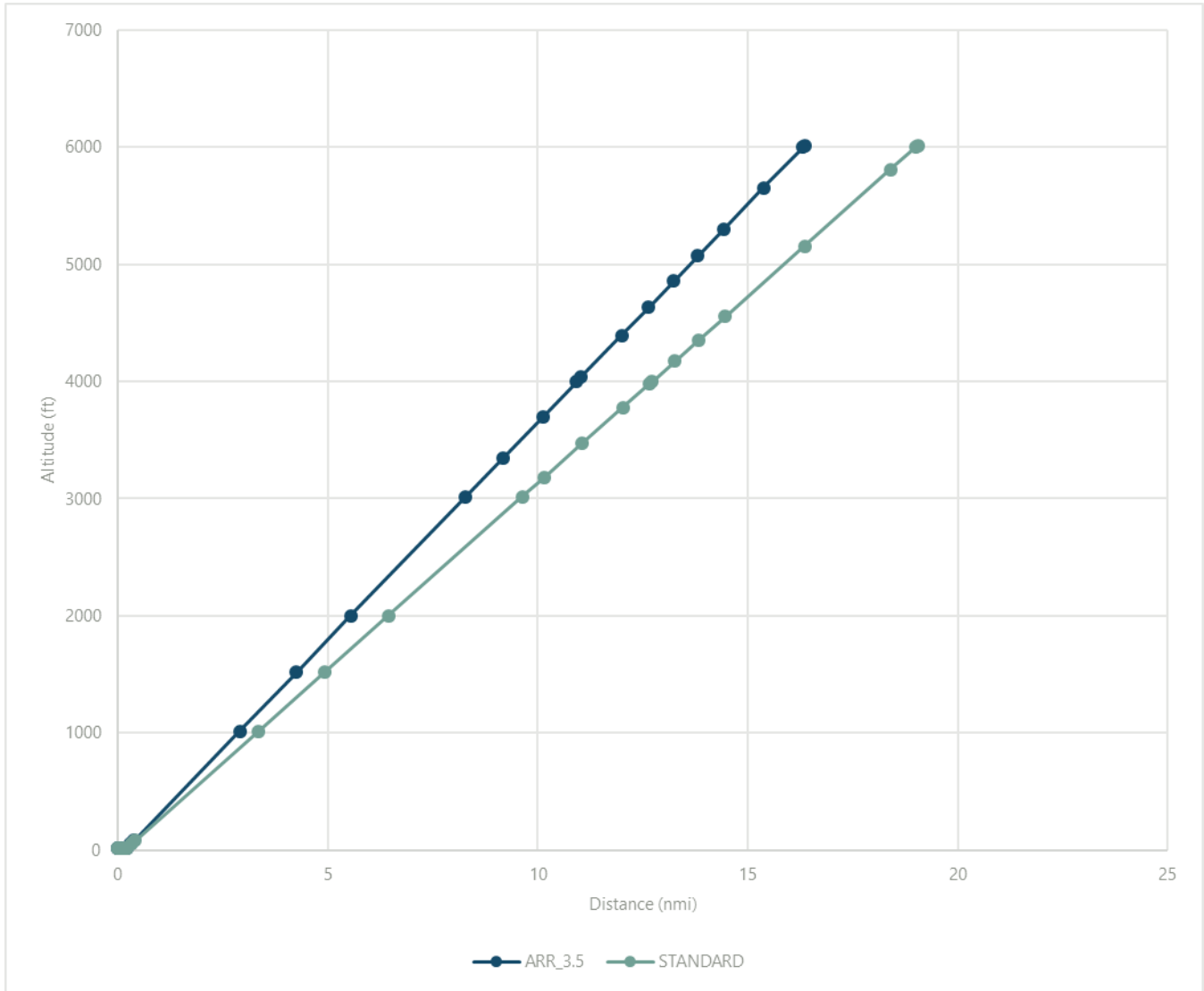
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

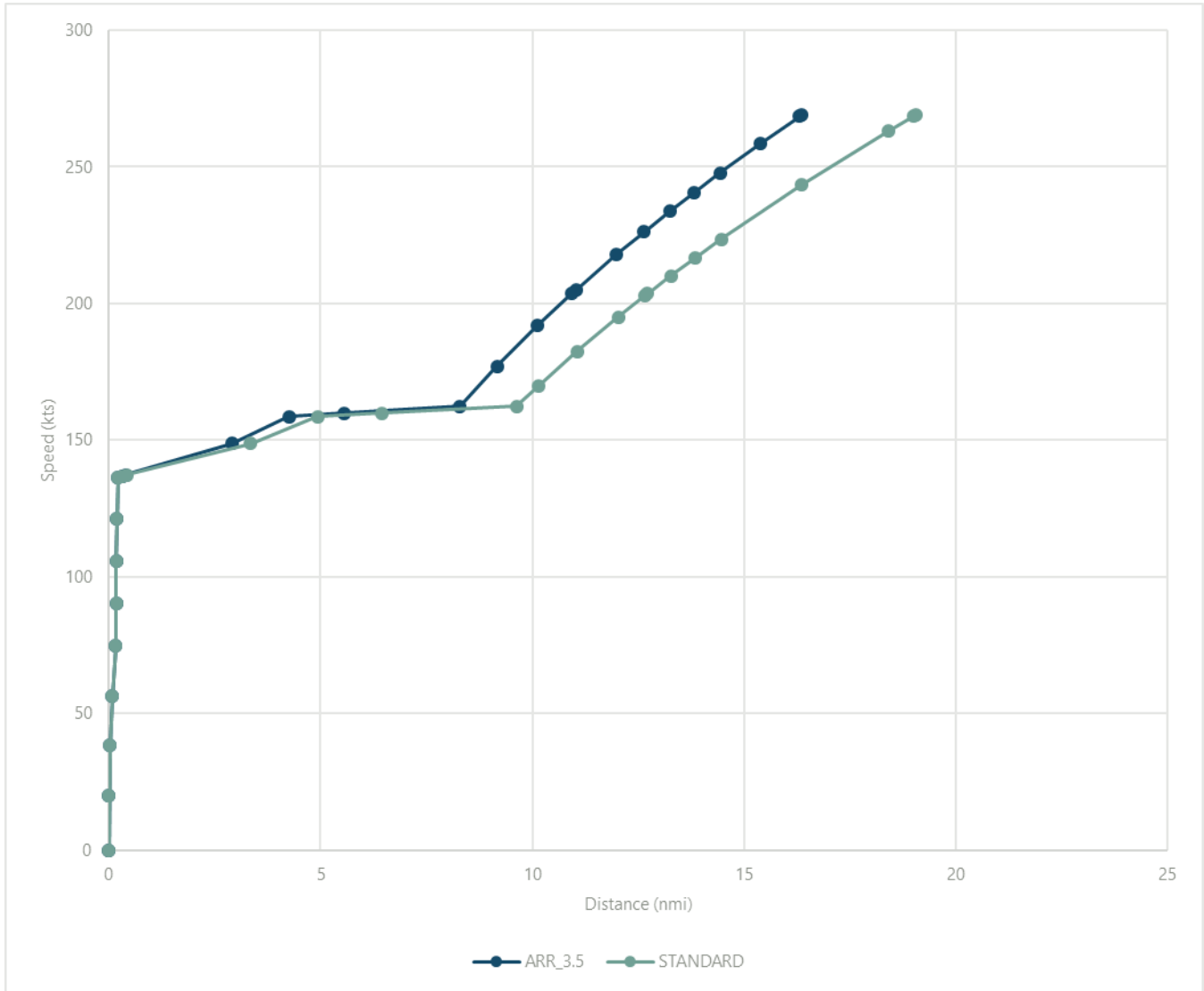
EXHIBIT C-175 GIV ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

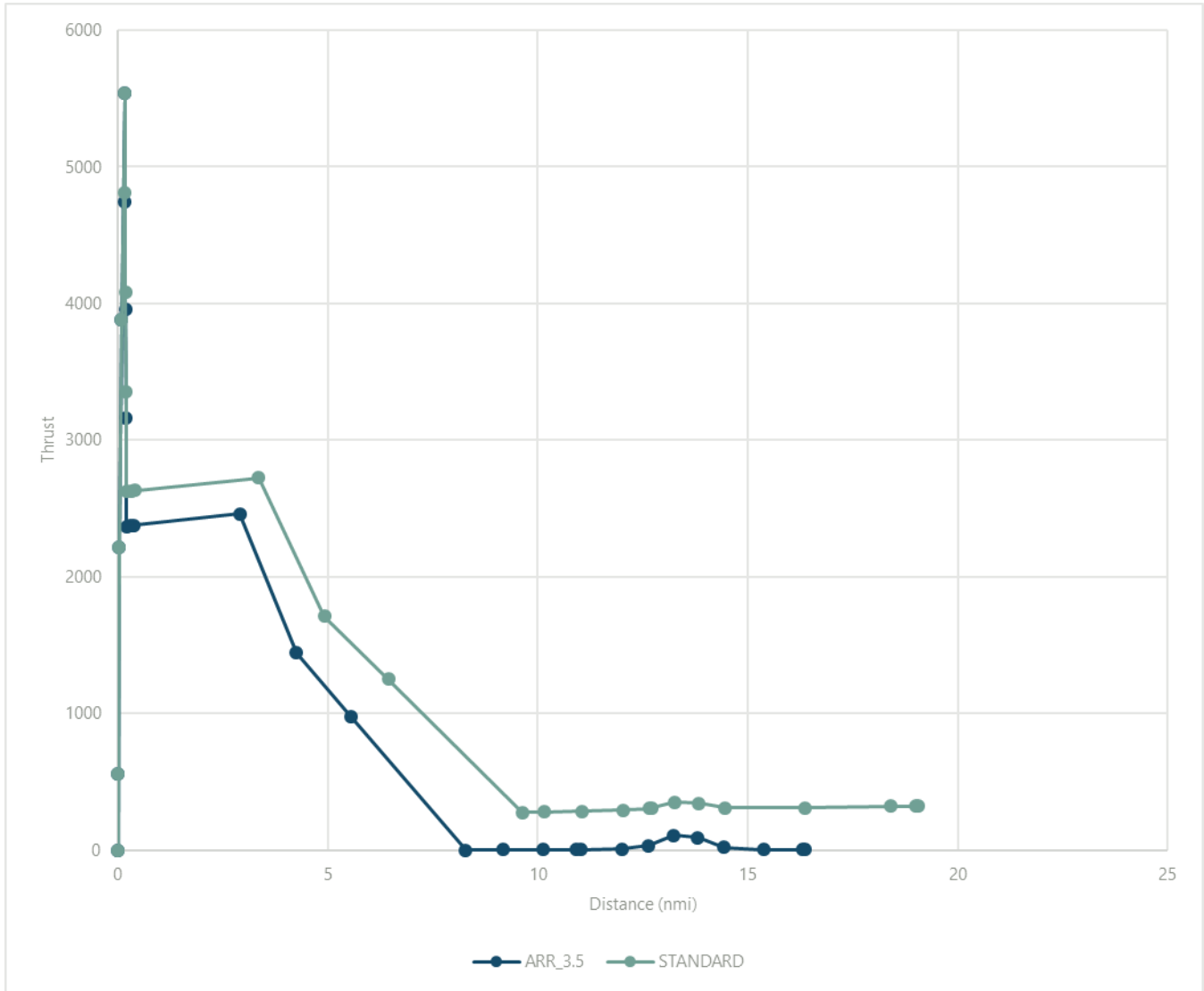
EXHIBIT C-176 GIV SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-177 GIV THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

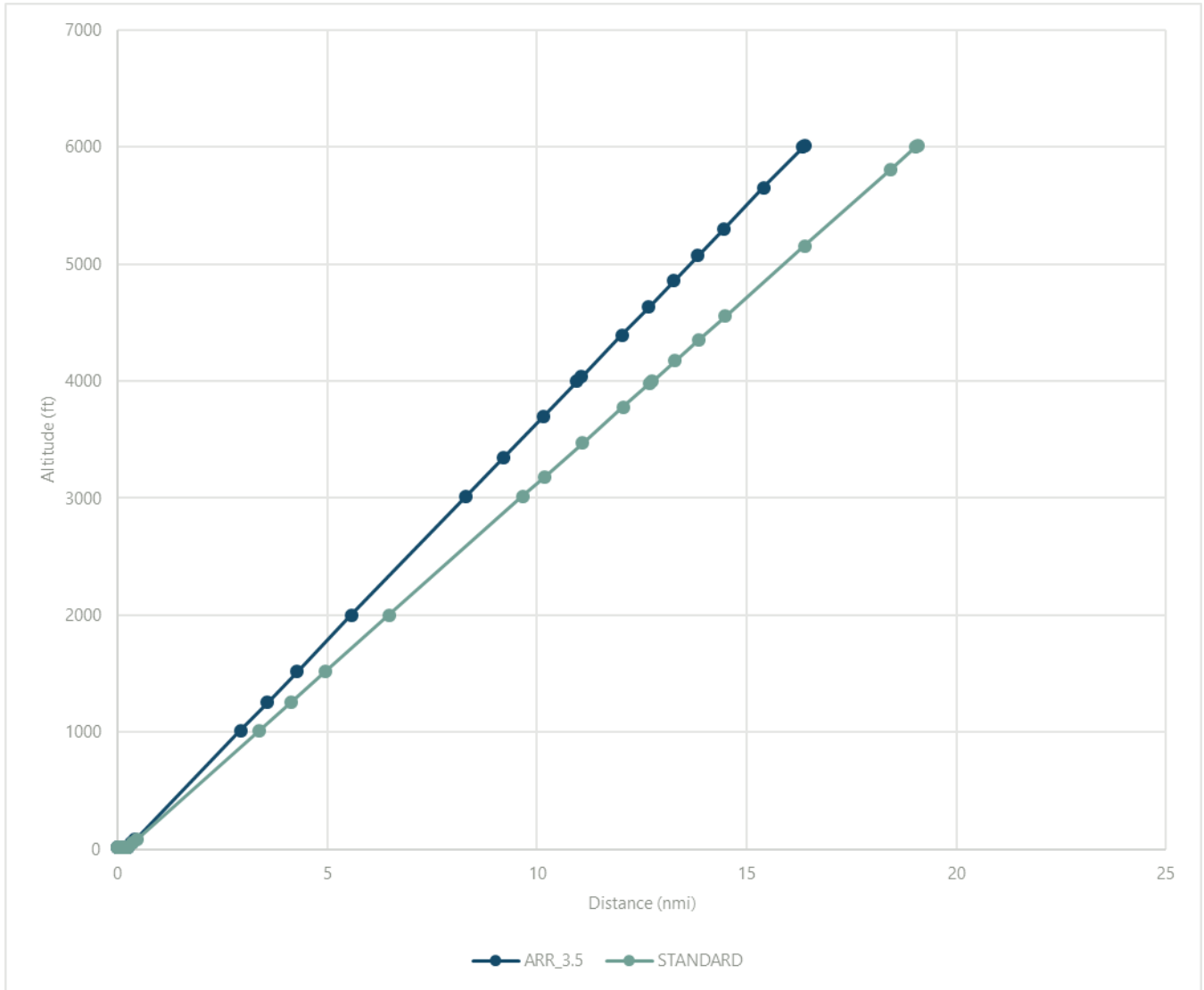
TABLE C-60 GIV PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.3557	0	6016.4	268.9935	4.379152	19.05277	0	6016.4	268.9935	320.5179
16.30996	0.045744	5999.4	268.4993	4.40751	18.99938	0.053386	5999.4	268.5036	320.4194
15.37584	0.979859	5652.254	258.4067	4.986609	18.40442	0.648352	5809.942	263.0435	319.3209
14.43532	1.920378	5302.728	247.8198	19.1855	16.35468	2.698084	5157.234	243.2772	309.623
13.81005	2.545655	5070.355	240.5237	91.59952	14.46499	4.587777	4555.488	223.5109	310.0463
13.23786	3.117843	4857.712	233.6475	106.1945	13.83971	5.213053	4356.378	216.5736	344.2859
12.63636	3.719342	4634.177	226.1938	30.54183	13.26753	5.785242	4174.172	210.0246	350.131
11.99372	4.361986	4395.35	217.9488	8.169207	12.71868	6.334088	3999.4	203.535	309.9268
11.02537	5.330335	4035.481	204.8994	4.881591	12.66603	6.38674	3982.634	202.9124	306.0699
10.92828	5.427425	3999.4	203.505	4.601952	12.02338	7.029385	3777.993	195.0273	291.0062
10.11678	6.238917	3697.824	191.85	2.264673	11.05263	8.000138	3468.87	182.4714	285.6044
9.161807	7.193895	3342.925	177.1007	1.632336	10.14645	8.906316	3180.311	169.9155	279.4072
8.283181	8.07252	3016.4	162.3515	1	9.631715	9.421054	3016.4	162.3515	276.8447
5.546597	10.8091	1999.4	159.8361	978.2504	6.437977	12.61479	1999.4	159.8361	1249.503
4.246921	12.10878	1516.4	158.6415	1442.372	4.921188	14.13158	1516.4	158.6415	1711.444
2.901501	13.4542	1016.4	148.7721	2459.829	3.351012	15.70176	1016.4	148.7721	2724.277
0.388256	15.96745	82.4	137.3057	2376.139	0.417924	18.63484	82.4	137.3057	2632.083
0.307294	16.04841	52.31176	136.9203	2373.397	0.323436	18.72933	52.31176	136.9203	2629.062
0.210661	16.14504	16.4	136.459	2370.114	0.210661	18.84211	16.4	136.459	2625.445
0.195712	16.15999	16.4	121.0293	3162.585	0.195712	18.85706	16.4	121.0293	3354.084
0.182556	16.17315	16.4	105.5997	3955.057	0.182556	18.87021	16.4	105.5997	4082.723
0.17119	16.18451	16.4	90.17002	4747.528	0.17119	18.88158	16.4	90.17002	4811.361
0.161616	16.19409	16.4	74.74036	5540	0.161616	18.89115	16.4	74.74036	5540
0.087039	16.26866	16.4	56.51943	3878	0.087039	18.96573	16.4	56.51943	3878
0.033167	16.32253	16.4	38.29851	2216	0.033167	19.0196	16.4	38.29851	2216
0	16.3557	16.4	0	0	0	19.05277	16.4	0	0
0	16.3557	16.4	20.07759	554	0	19.05277	16.4	20.07759	554

NOTES:

- AFE – Airport Field Elevation
- Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
- Distance – cumulative distance starting at the approach end of Runway 27
- FT. – feet
- KTS - knots
- LBS – pounds
- NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

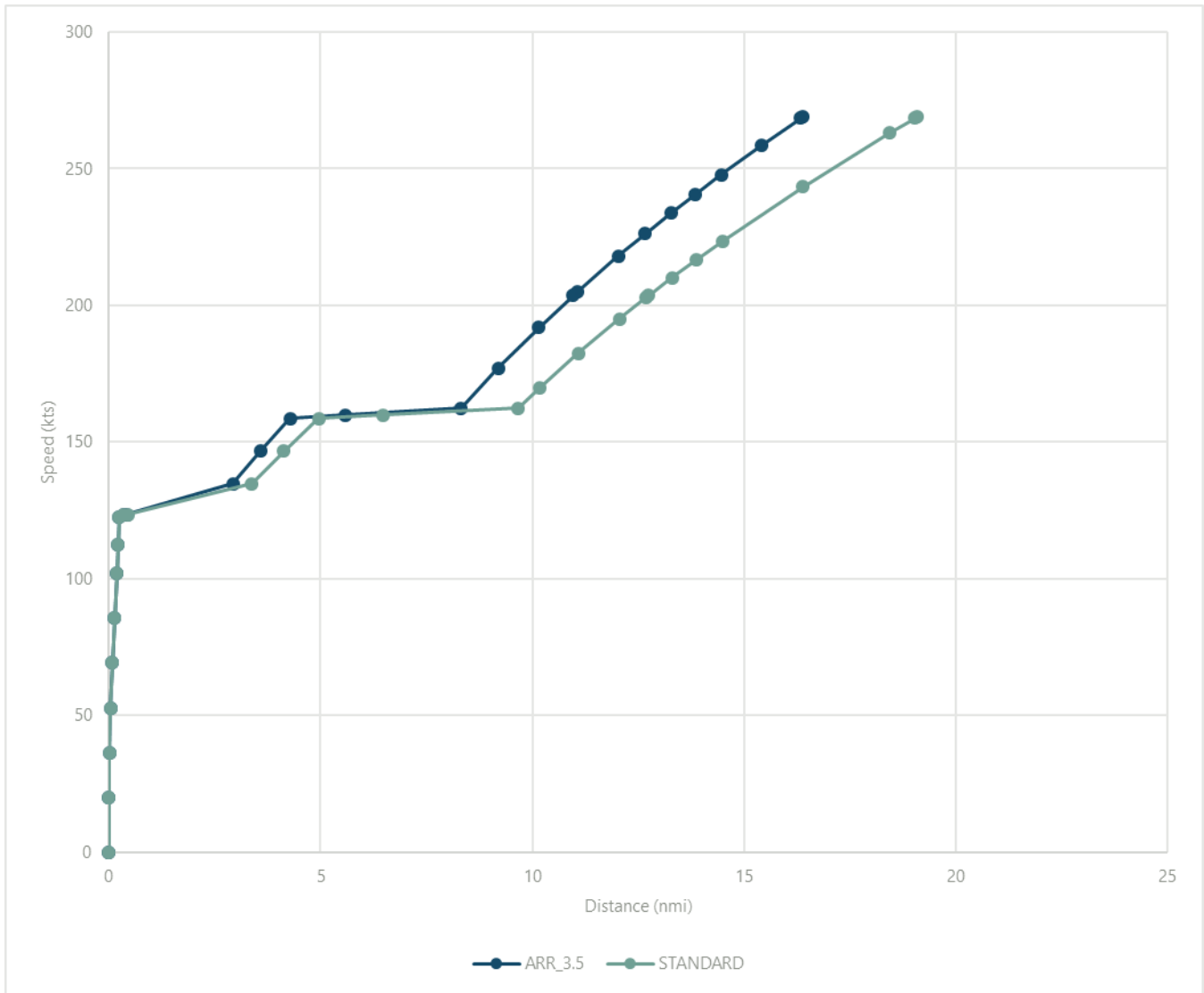
EXHIBIT C-178 GV ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
- Thrust – net corrected thrust in pounds
- ARR_3.5 – user defined 3.5-degree approach performance profile
- Altitude – height above airfield elevation
- Distance – cumulative distance starting from end of landing roll on Runway 27
- Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

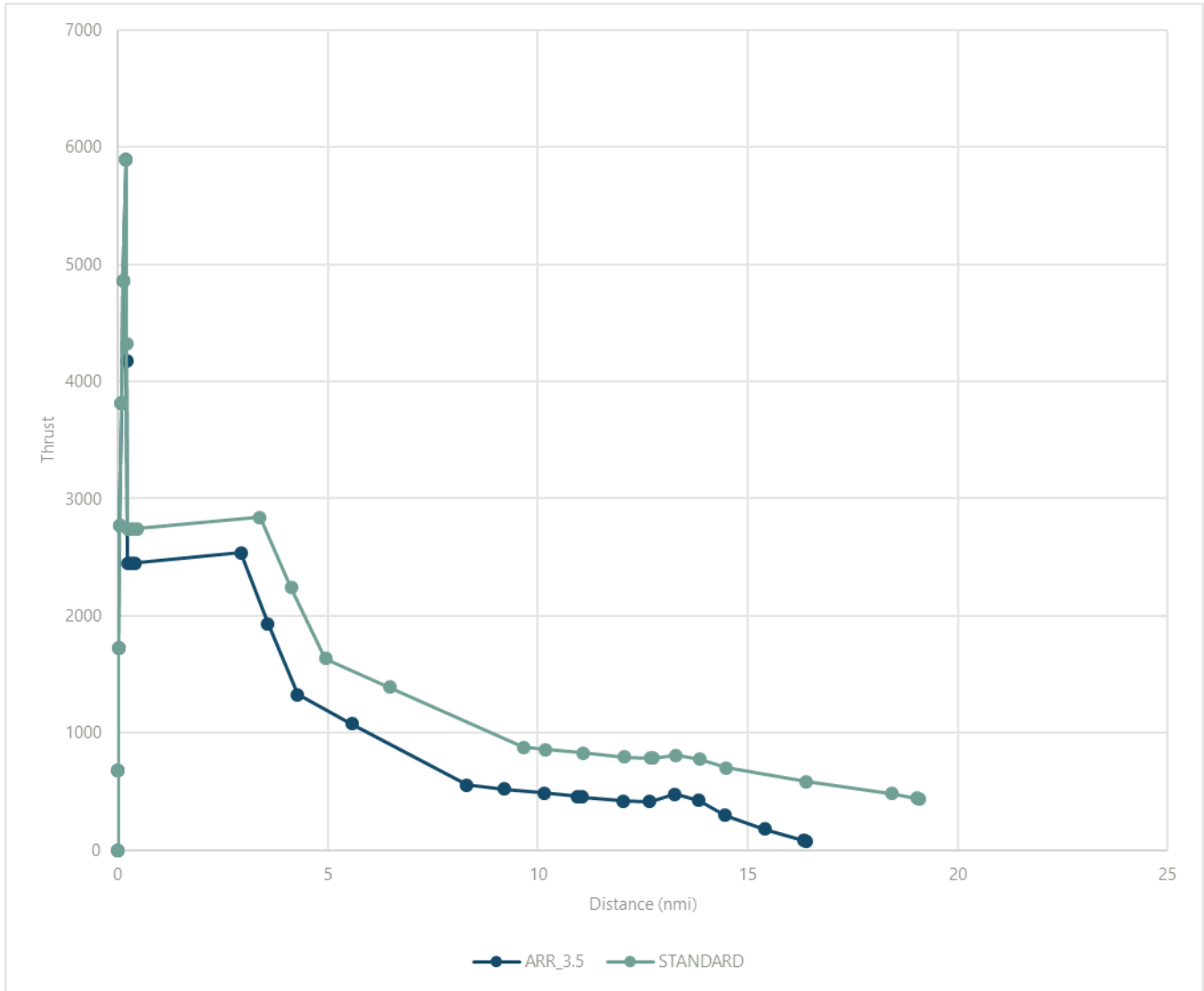
EXHIBIT C-179 GV SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-180 GV THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-61 GV PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.38483	0	6016.4	268.9935	76.74466	19.0819	0	6016.4	268.9935	437.4303
16.33909	0.045744	5999.4	268.4993	81.497	19.02851	0.053386	5999.4	268.5036	441.1634
15.40497	0.979859	5652.254	258.4067	178.5414	18.43355	0.648352	5809.942	263.0435	482.7682
14.46445	1.920378	5302.728	247.8198	296.8405	16.38381	2.698084	5157.234	243.2772	585.4682
13.83918	2.545655	5070.355	240.5237	425.4867	14.49412	4.587777	4555.488	223.5109	700.6285
13.26699	3.117843	4857.712	233.6475	476.6912	13.86885	5.213053	4356.378	216.5736	774.8719
12.66549	3.719342	4634.177	226.1938	413.9876	13.29666	5.785242	4174.172	210.0246	810.3291
12.02285	4.361986	4395.35	217.9488	416.78	12.74781	6.334088	3999.4	203.535	785.1932
11.0545	5.330335	4035.481	204.8994	452.1258	12.69516	6.38674	3982.634	202.9124	782.7819
10.95741	5.427425	3999.4	203.505	455.9828	12.05251	7.029385	3777.993	195.0273	793.0297
10.14592	6.238917	3697.824	191.85	488.2201	11.08176	8.000138	3468.87	182.4714	827.0239
9.190937	7.193895	3342.925	177.1007	521.004	10.17558	8.906316	3180.311	169.9155	859.923
8.312312	8.07252	3016.4	162.3515	553.7879	9.660845	9.421054	3016.4	162.3515	878.1493
5.575727	10.8091	1999.4	159.8361	1078.528	6.467108	12.61479	1999.4	159.8361	1391.108
4.276052	12.10878	1516.4	158.6415	1327.74	4.950318	14.13158	1516.4	158.6415	1634.726
3.576032	12.8088	1256.251	146.7283	1933.815	4.133359	14.94854	1256.251	146.7283	2238.414
2.930632	13.4542	1016.4	134.8151	2539.89	3.380143	15.70176	1016.4	134.8151	2842.102
0.417387	15.96745	82.4	123.5307	2452.77	0.447055	18.63484	82.4	123.5307	2745.334
0.336424	16.04841	52.31176	123.15	2449.915	0.352567	18.72933	52.31176	123.15	2742.163
0.239791	16.14504	16.4	122.694	2446.496	0.239791	18.84211	16.4	122.694	2738.366
0.213958	16.17087	16.4	112.2696	4173.248	0.213958	18.86794	16.4	112.2696	4319.183
0.190418	16.19441	16.4	101.8451	5900	0.190418	18.89148	16.4	101.8451	5900
0.131902	16.25293	16.4	85.4916	4855.7	0.131902	18.95	16.4	85.4916	4855.7
0.083602	16.30123	16.4	69.1381	3811.4	0.083602	18.9983	16.4	69.1381	3811.4
0.045518	16.33931	16.4	52.78459	2767.1	0.045518	19.03638	16.4	52.78459	2767.1
0.017651	16.36718	16.4	36.43109	1722.8	0.017651	19.06425	16.4	36.43109	1722.8
0	16.38483	16.4	0	0	0	19.0819	16.4	0	0
0	16.38483	16.4	20.07759	678.5	0	19.0819	16.4	20.07759	678.5

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

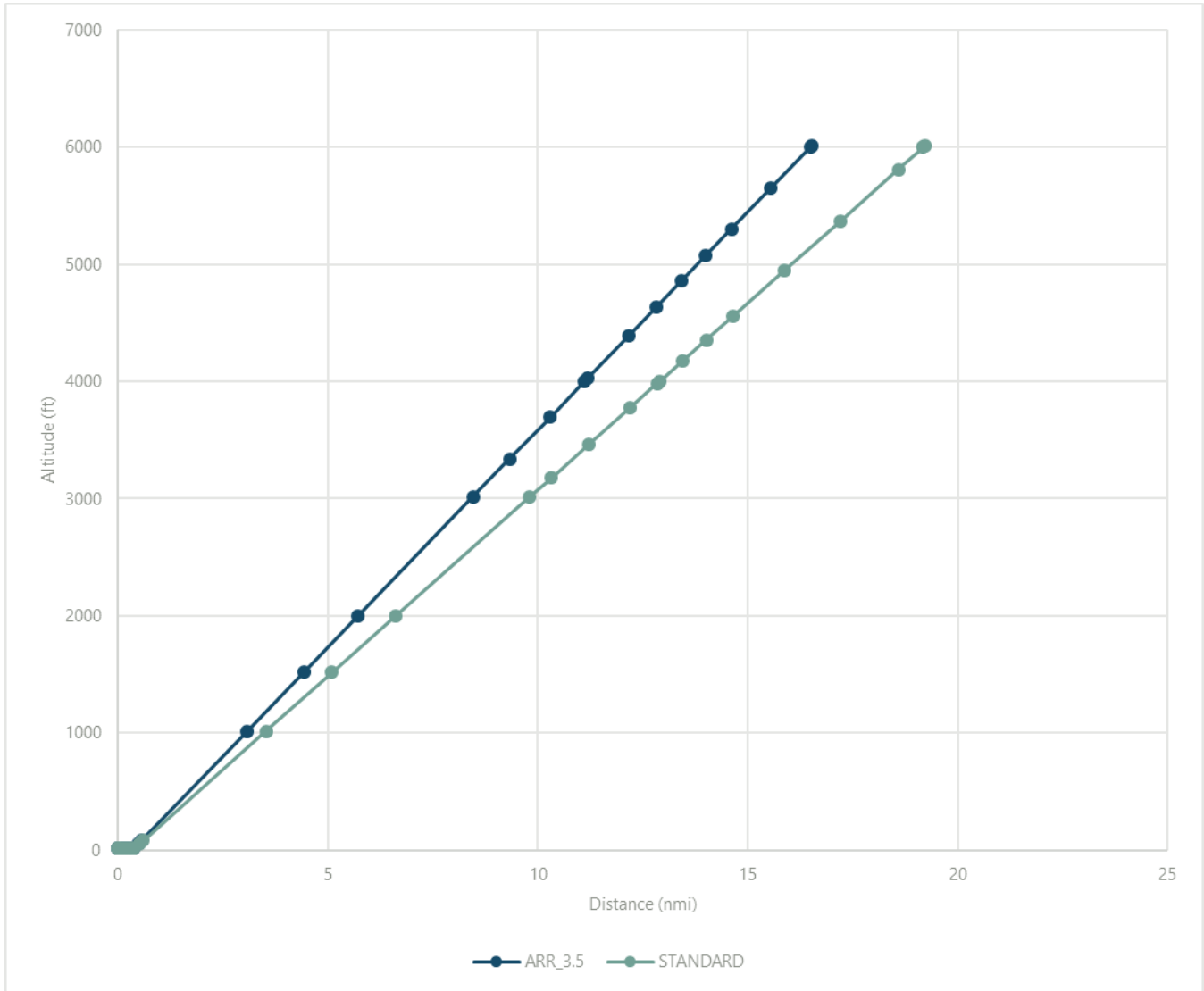
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

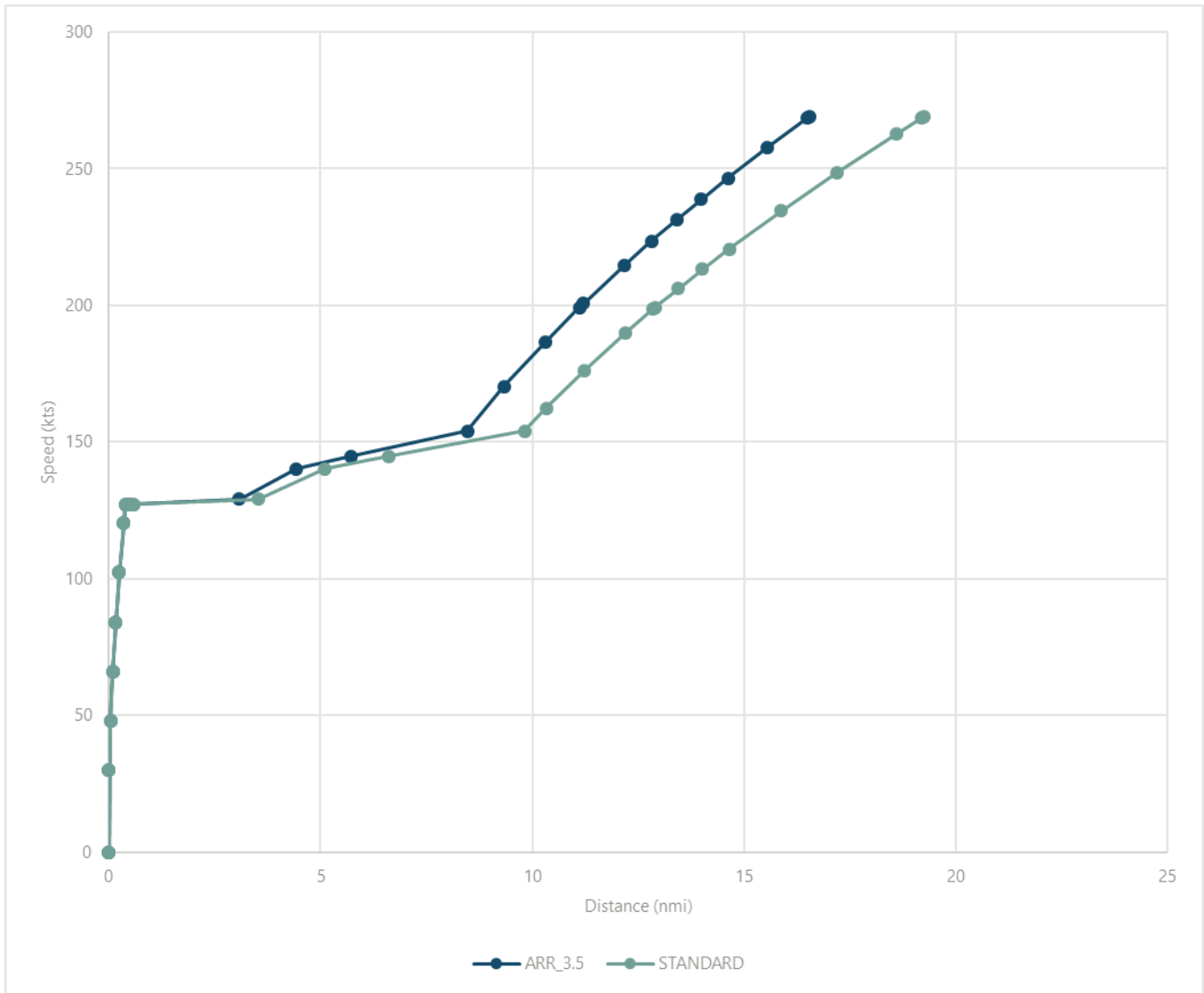
EXHIBIT C-181 IA1125 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

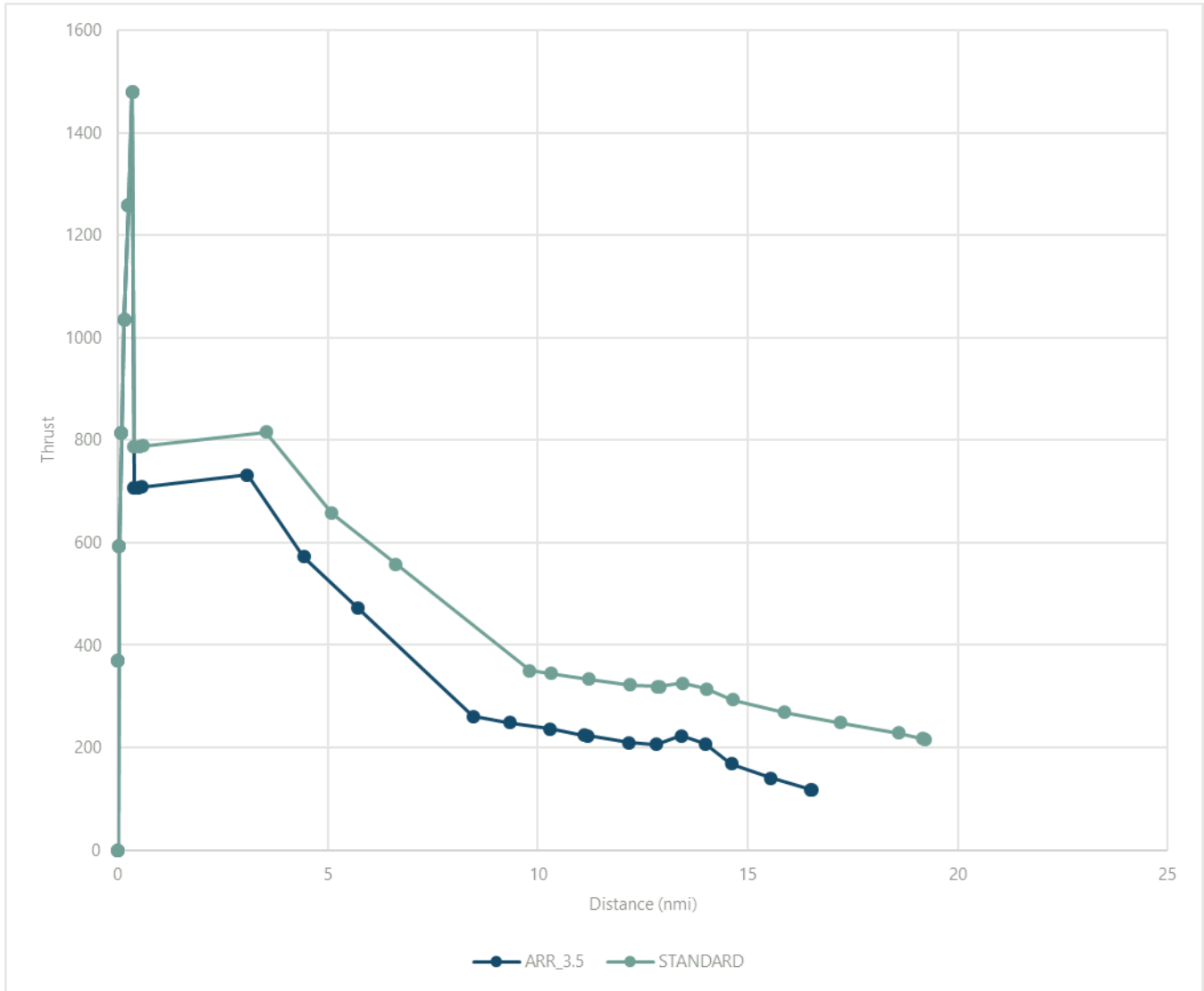
EXHIBIT C-182 IA1125 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-183 IA1125 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-62 IA1125 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.53443	0	6016.4	268.9935	117.3951	19.2315	0	6016.4	268.9935	216.5477
16.48869	0.045744	5999.4	268.4705	118.4813	19.17811	0.053386	5999.4	268.4753	217.559
15.55335	0.981082	5651.799	257.7755	140.6916	18.58315	0.648352	5809.942	262.7	228.8295
14.61406	1.920378	5302.728	246.5574	168.8236	17.19382	2.037684	5367.529	248.6782	248.8522
13.98878	2.545655	5070.355	238.7978	207.3353	15.88068	3.350826	4949.377	234.6563	269.288
13.41659	3.117843	4857.712	231.4691	223.3594	14.64372	4.587777	4555.488	220.6345	292.8654
12.81509	3.719342	4634.177	223.506	206.7251	14.01845	5.213053	4356.378	213.1959	314.8365
12.17245	4.361986	4395.35	214.6721	209.4461	13.44626	5.785242	4174.172	206.1537	325.5269
11.20102	5.333414	4034.337	200.5816	222.6375	12.89741	6.334088	3999.4	199.1532	319.1259
11.10701	5.427425	3999.4	199.1187	224.0322	12.84476	6.38674	3982.634	198.4817	318.5119
10.29552	6.238917	3697.824	186.491	236.0708	12.20212	7.029385	3777.993	189.9427	322.367
9.335062	7.199372	3340.889	170.2757	248.4748	11.22705	8.004453	3467.496	176.1982	333.3911
8.461914	8.07252	3016.4	154.0604	260.8789	10.32519	8.906316	3180.311	162.4537	344.1629
5.72533	10.8091	1999.4	144.7107	471.9158	9.810447	9.421054	3016.4	154.0604	350.1194
4.425654	12.10878	1516.4	140.2703	572.1427	6.61671	12.61479	1999.4	144.7107	557.9823
3.080234	13.4542	1016.4	129.0082	732.3961	5.09992	14.13158	1516.4	140.2703	656.7019
0.566989	15.96745	82.4	127.1289	708.0618	3.529745	15.70176	1016.4	129.0082	815.5401
0.486026	16.04841	52.31176	127.0679	707.2636	0.596657	18.63484	82.4	127.1289	788.4442
0.389394	16.14504	16.4	126.9951	706.3105	0.502169	18.72933	52.31176	127.0679	787.5555
0.350454	16.18398	16.4	120.2161	1480	0.389394	18.84211	16.4	126.9951	786.4942
0.246757	16.28768	16.4	102.1962	1258	0.350454	18.88105	16.4	120.2161	1480
0.159863	16.37457	16.4	84.17621	1036	0.246757	18.98474	16.4	102.1962	1258
0.089772	16.44466	16.4	66.15627	814	0.159863	19.07164	16.4	84.17621	1036
0.036484	16.49795	16.4	48.13633	592	0.089772	19.14173	16.4	66.15627	814
0	16.53443	16.4	0	0	0.036484	19.19502	16.4	48.13633	592
0	16.53443	16.4	30.11638	370	0	19.2315	16.4	0	0
					0	19.2315	16.4	30.11638	370

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

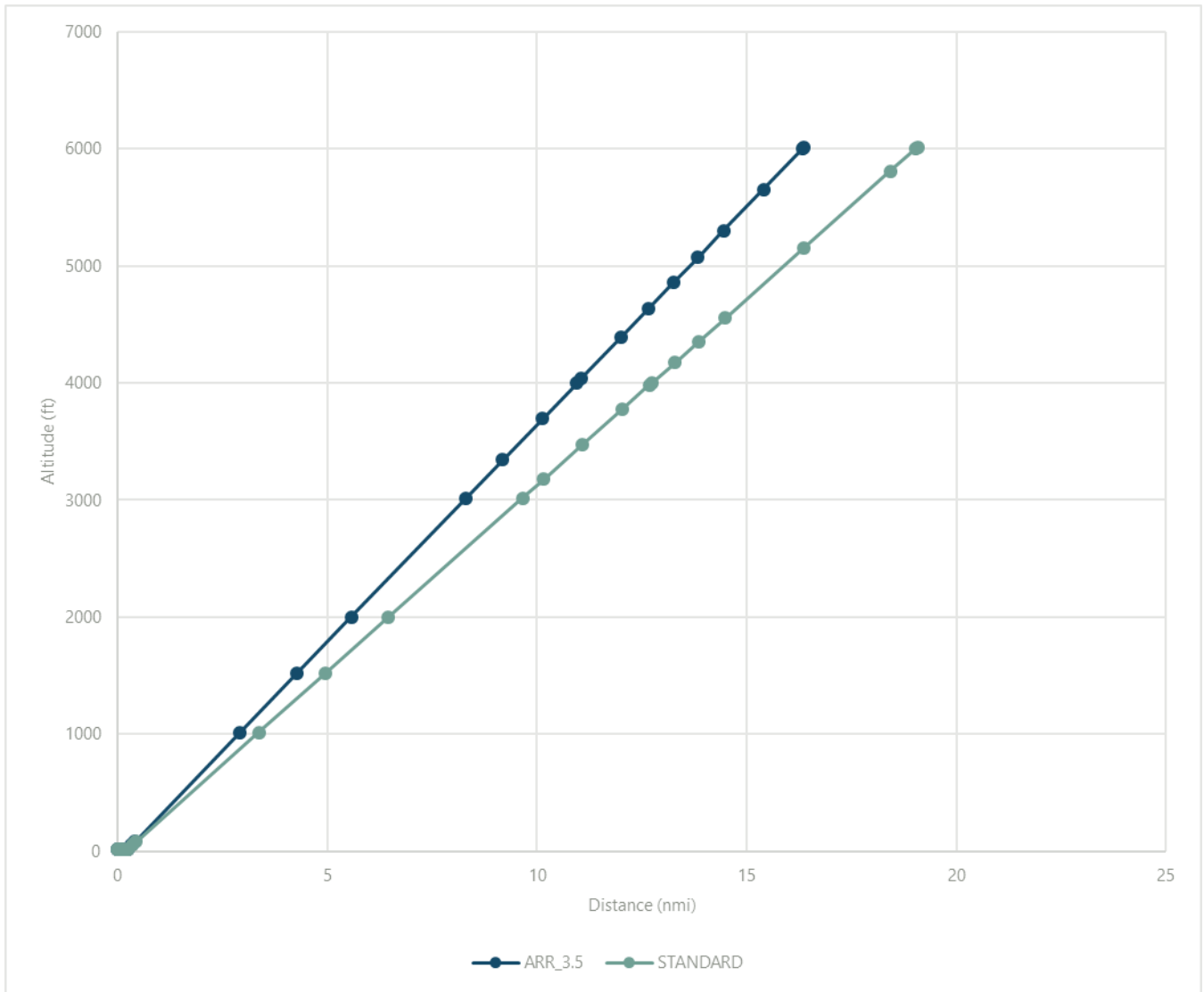
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

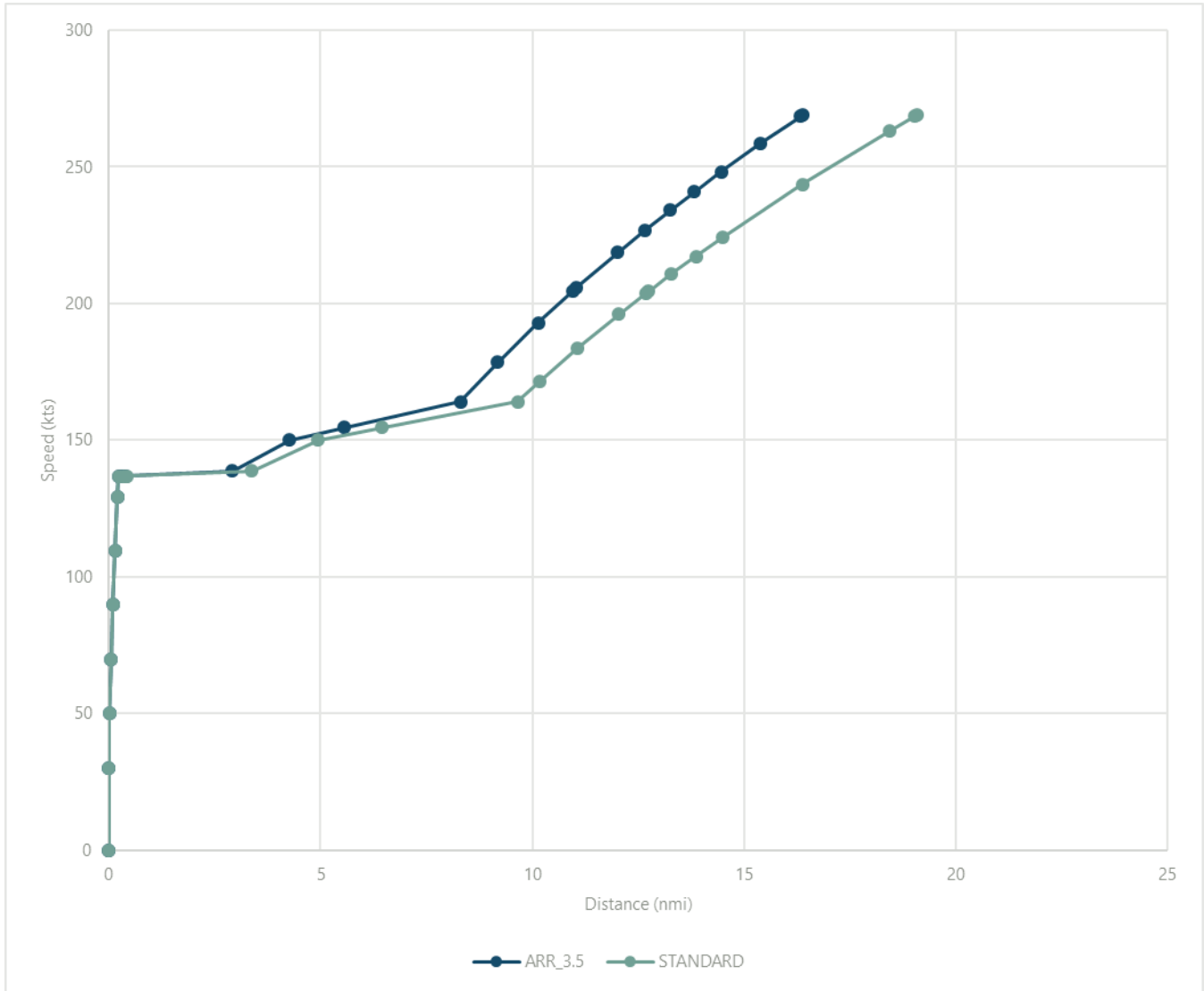
EXHIBIT C-184 LEAR25 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

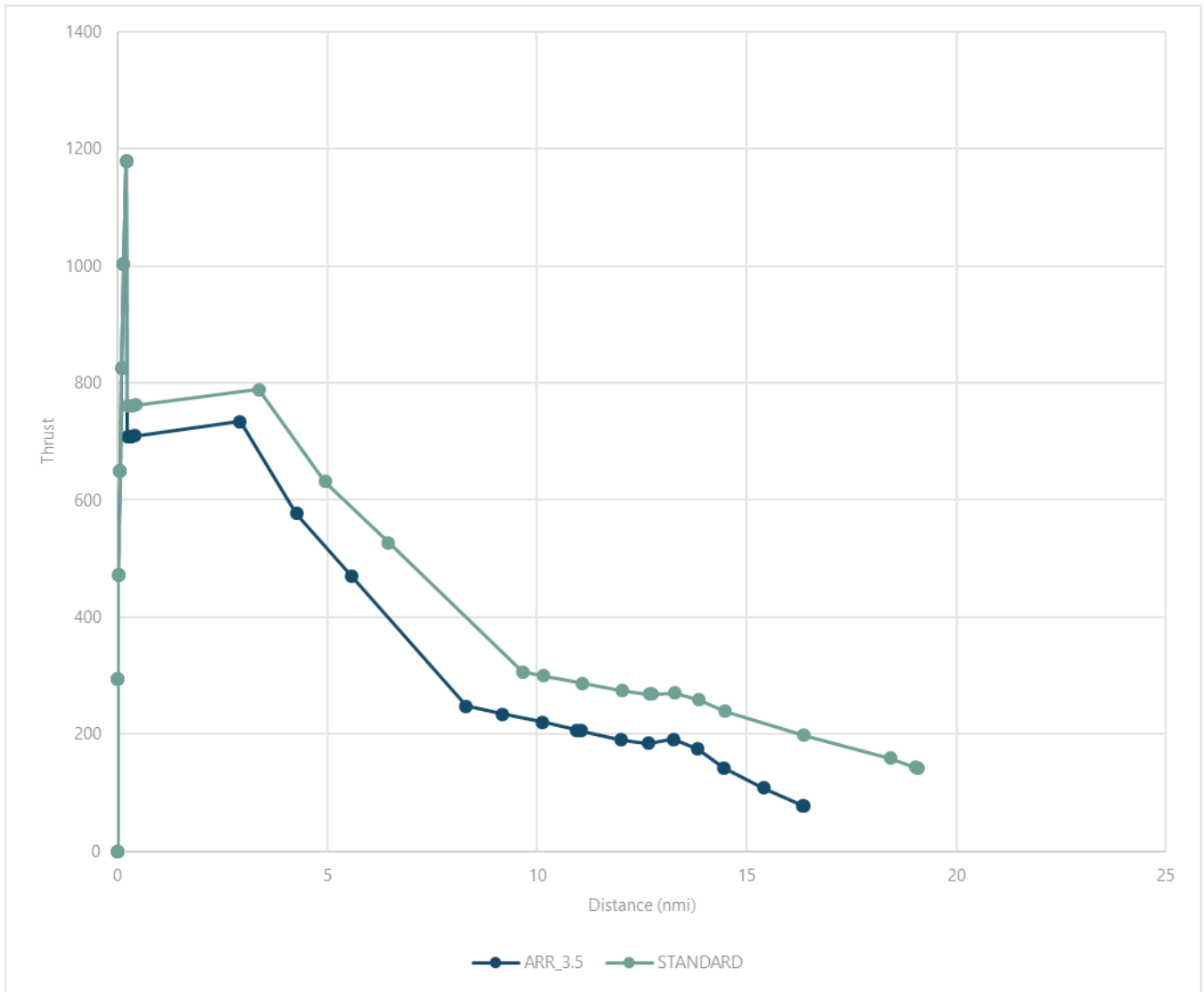
EXHIBIT C-185 LEAR25 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-186 LEAR25 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-63 LEAR25 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.37611	0	6016.4	268.9935	76.87709	19.07318	0	6016.4	268.9935	141.8079
16.33037	0.045744	5999.4	268.5053	78.31794	19.01979	0.053386	5999.4	268.5095	143.2257
15.39651	0.979604	5652.348	258.5381	107.7328	18.42482	0.648352	5809.942	263.1151	159.0264
14.45573	1.920378	5302.728	248.0827	141.8979	16.37626	2.696914	5157.606	243.6111	197.7529
13.83045	2.545655	5070.355	240.8827	174.707	14.4854	4.587777	4555.488	224.1071	239.0727
13.25827	3.117843	4857.712	234.1001	191.143	13.86012	5.213053	4356.378	217.2726	259.0151
12.65677	3.719342	4634.177	226.7513	184.2931	13.28793	5.785242	4174.172	210.8243	270.3686
12.01412	4.361986	4395.35	218.6272	190.6895	12.73909	6.334088	3999.4	204.4385	268.5979
11.04638	5.329725	4035.708	205.7889	205.6633	12.68644	6.38674	3982.634	203.8259	268.4281
10.94868	5.427425	3999.4	204.4094	207.2877	12.04379	7.029385	3777.993	196.0729	274.5111
10.13719	6.238917	3697.824	192.9507	220.7801	11.07387	7.99931	3469.134	183.7531	287.0772
9.183255	7.192855	3343.311	178.4907	234.2171	10.16686	8.906316	3180.311	171.4334	299.3994
8.303589	8.07252	3016.4	164.0307	247.6542	9.652122	9.421054	3016.4	164.0307	306.0368
5.567005	10.8091	1999.4	154.5317	470.8093	6.458385	12.61479	1999.4	154.5317	527.1103
4.267329	12.10878	1516.4	150.0204	576.7915	4.941596	14.13158	1516.4	150.0204	632.1039
2.921909	13.4542	1016.4	138.7883	734.1614	3.37142	15.70176	1016.4	138.7883	788.5383
0.408664	15.96745	82.4	136.768	709.7696	0.438332	18.63484	82.4	136.768	762.3404
0.327702	16.04841	52.31176	136.7024	708.9696	0.343844	18.72933	52.31176	136.7024	761.4811
0.231069	16.14504	16.4	136.6241	708.0142	0.231069	18.84211	16.4	136.6241	760.455
0.207962	16.16815	16.4	129.3514	1180	0.207962	18.86521	16.4	129.3514	1180
0.145663	16.23045	16.4	109.5044	1003	0.145663	18.92751	16.4	109.5044	1003
0.093718	16.28239	16.4	89.65739	826	0.093718	18.97946	16.4	89.65739	826
0.052126	16.32398	16.4	69.81039	649	0.052126	19.02105	16.4	69.81039	649
0.020886	16.35522	16.4	49.96339	472	0.020886	19.05229	16.4	49.96339	472
0	16.37611	16.4	0	0	0	19.07318	16.4	0	0
0	16.37611	16.4	30.11638	295	0	19.07318	16.4	30.11638	295

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

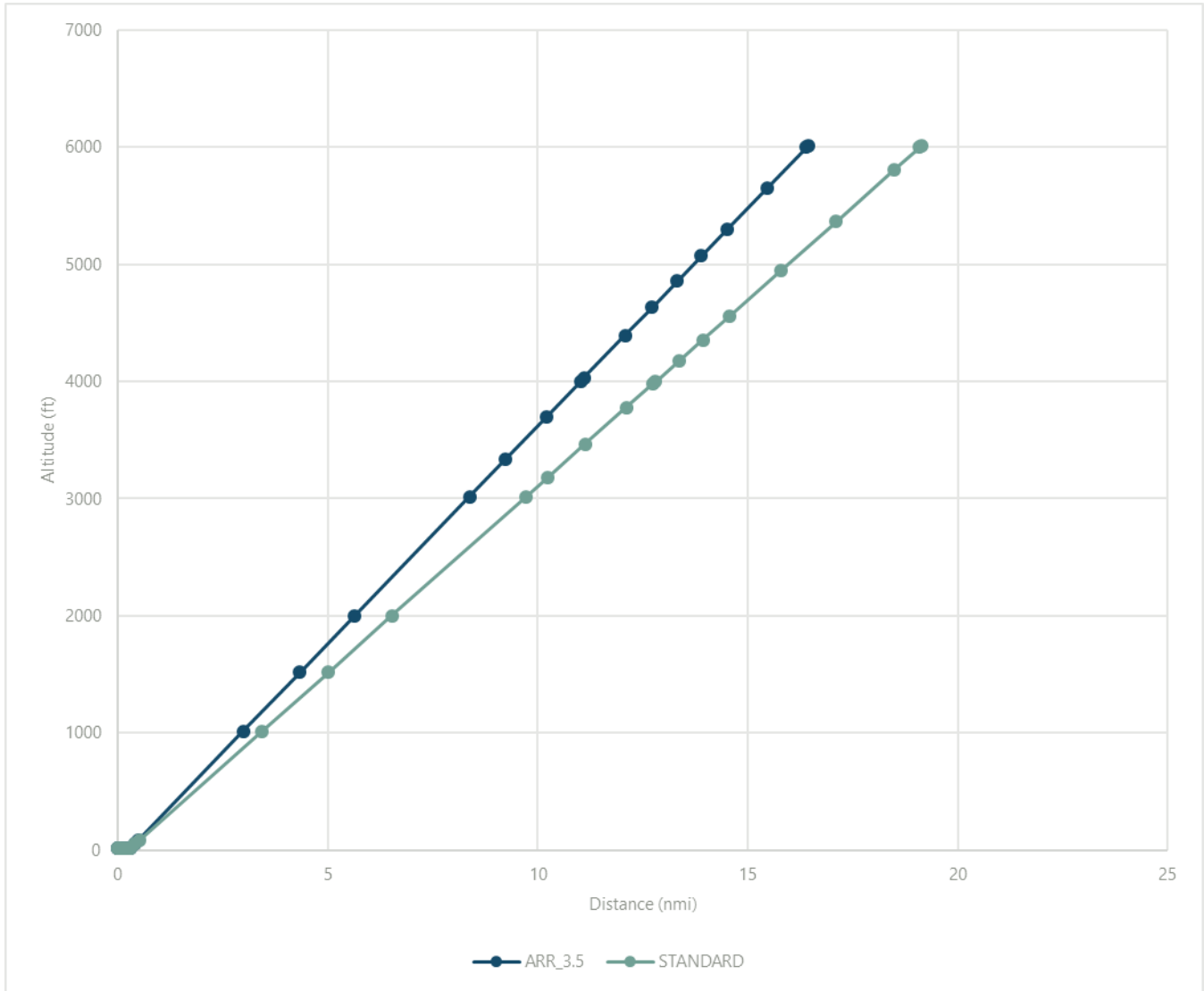
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

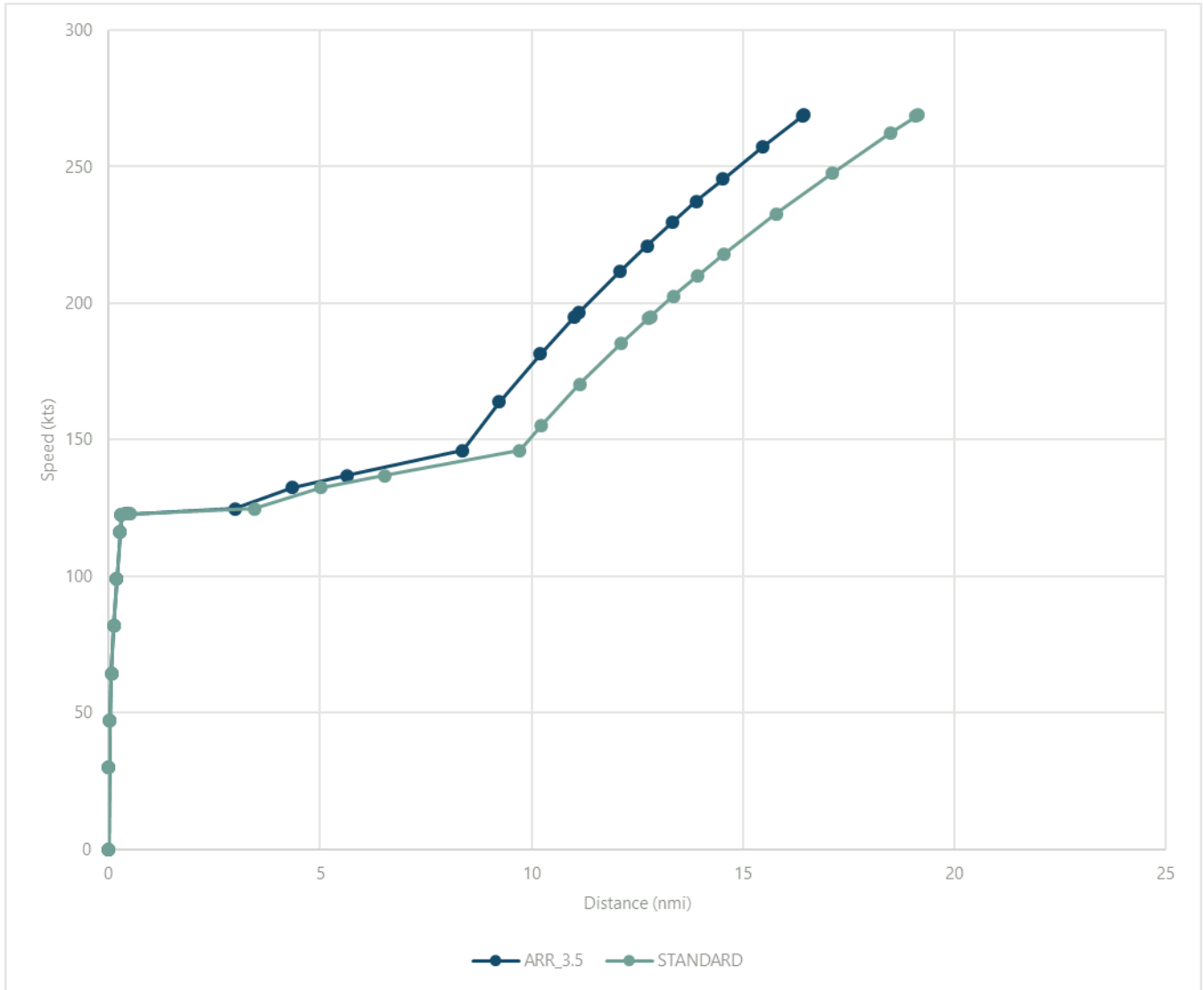
EXHIBIT C-187 LEAR35 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

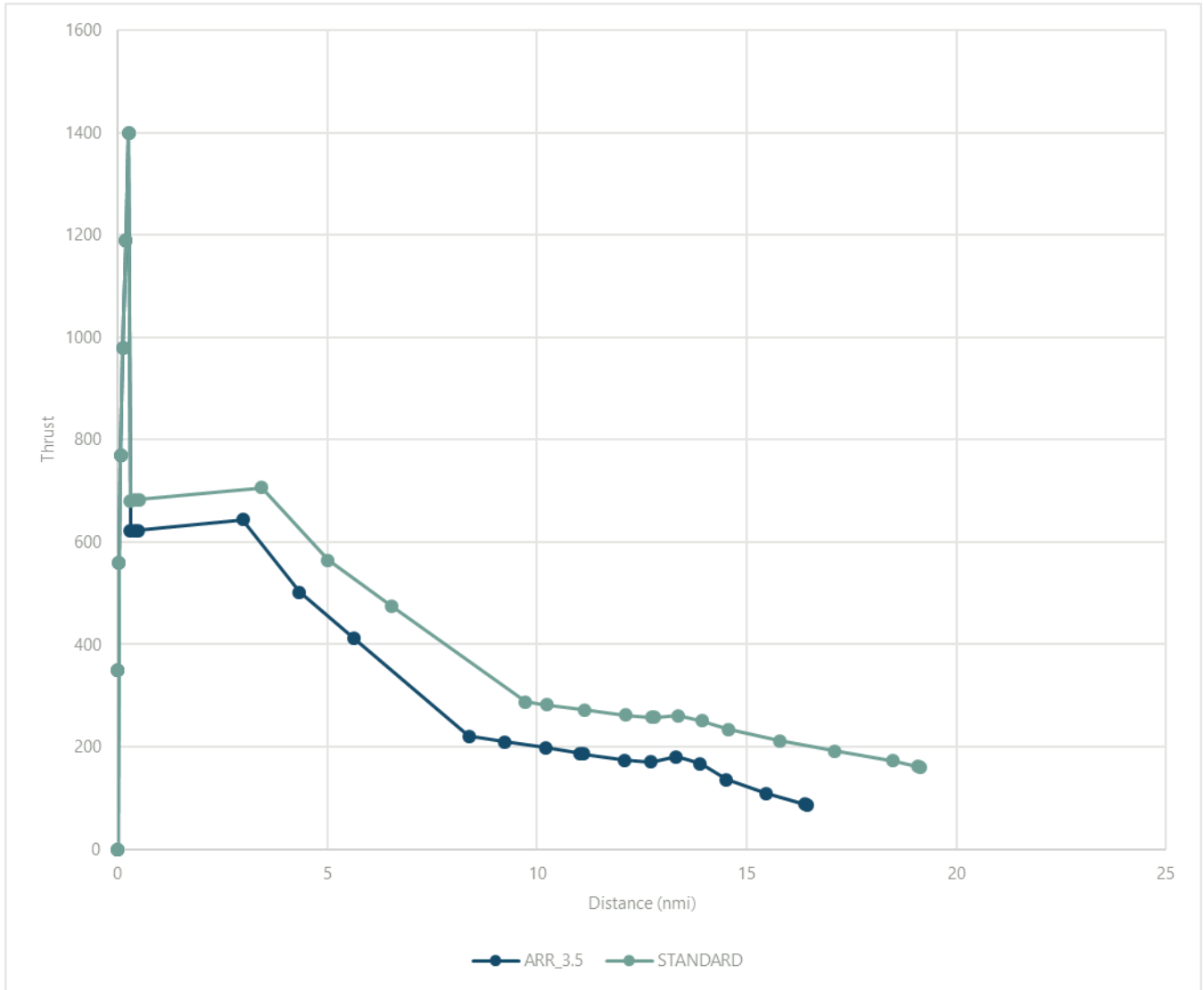
EXHIBIT C-188 LEAR35 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-189 LEAR35 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

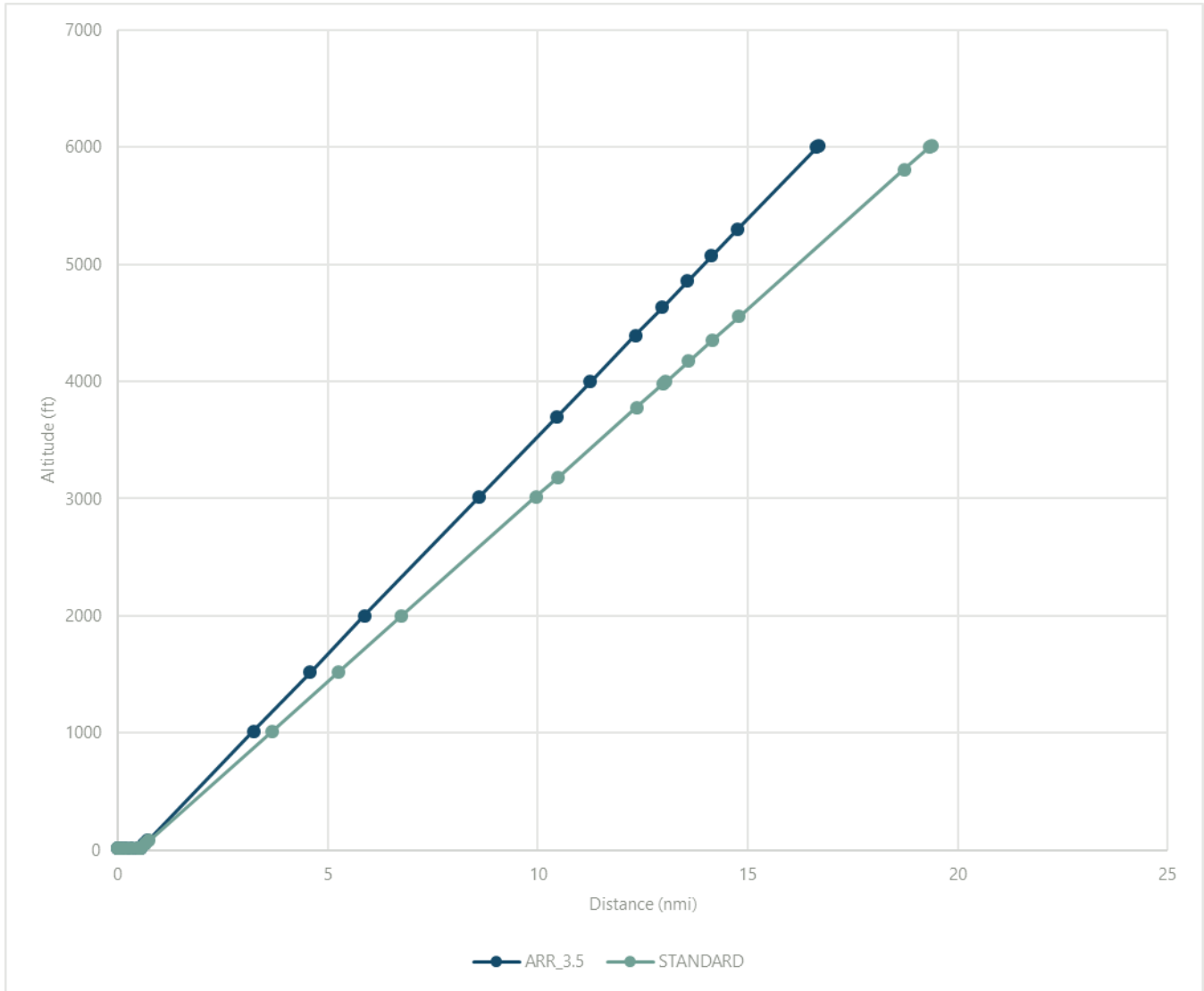
TABLE C-64 LEAR35 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.44359	0	6016.4	268.9935	86.95933	19.14065	0	6016.4	268.9935	160.4057
16.39784	0.045744	5999.4	268.4441	88.01678	19.08727	0.053386	5999.4	268.4495	161.4098
15.46138	0.98221	5651.38	257.1967	109.6647	18.4923	0.648352	5809.942	262.3863	172.5999
14.52321	1.920378	5302.728	245.3998	135.9782	17.09823	2.042427	5366.018	247.583	191.9741
13.89793	2.545655	5070.355	237.2118	167.0235	15.78508	3.355569	4947.867	232.7798	211.6587
13.32574	3.117843	4857.712	229.463	180.7835	14.55288	4.587777	4555.488	217.9765	233.6351
12.72425	3.719342	4634.177	221.0247	170.3532	13.9276	5.213053	4356.378	210.0661	251.2983
12.0816	4.361986	4395.35	211.6377	174.2746	13.35541	5.785242	4174.172	202.5568	260.5323
11.10712	5.336471	4033.201	196.5501	186.4511	12.80656	6.334088	3999.4	195.0686	257.454
11.01616	5.427425	3999.4	195.0295	187.6981	12.75391	6.38674	3982.634	194.3502	257.1587
10.20467	6.238917	3697.824	181.4625	198.824	12.11127	7.029385	3777.993	185.1809	261.6406
9.238356	7.205231	3338.712	163.7733	210.0088	11.13167	8.008983	3466.054	170.2564	271.8403
8.371066	8.07252	3016.4	146.0841	221.1936	10.23434	8.906316	3180.311	155.3318	281.8999
5.634482	10.8091	1999.4	136.8539	411.7101	9.7196	9.421054	3016.4	146.0841	287.3557
4.334806	12.10878	1516.4	132.4703	502.1914	6.525862	12.61479	1999.4	136.8539	475.5245
2.989386	13.4542	1016.4	124.6275	644.3264	5.009073	14.13158	1516.4	132.4703	564.8909
0.476141	15.96745	82.4	122.8142	622.919	3.438897	15.70176	1016.4	124.6275	705.9543
0.395179	16.04841	52.31176	122.7553	622.2168	0.505809	18.63484	82.4	122.8142	682.4998
0.298546	16.14504	16.4	122.685	621.3783	0.411322	18.72933	52.31176	122.7553	681.7305
0.268691	16.1749	16.4	116.1002	1400	0.298546	18.84211	16.4	122.685	680.8119
0.189672	16.25391	16.4	98.90343	1190	0.268691	18.87196	16.4	116.1002	1400
0.123293	16.32029	16.4	81.70667	980	0.189672	18.95098	16.4	98.90343	1190
0.069555	16.37403	16.4	64.50991	770	0.123293	19.01736	16.4	81.70667	980
0.028457	16.41513	16.4	47.31314	560	0.069555	19.0711	16.4	64.50991	770
0	16.44359	16.4	0	0	0.028457	19.1122	16.4	47.31314	560
0	16.44359	16.4	30.11638	350	0	19.14065	16.4	0	0
					0	19.14065	16.4	30.11638	350

NOTES:

- AFE – Airport Field Elevation
- Cumulative Distance – cumulative distance starting near 6,000 ft. AFE
- Distance – cumulative distance starting at the approach end of Runway 27
- FT. – feet
- KTS - knots
- LBS – pounds
- NM – nautical miles
- SOURCE: Harris Miller Miller and Hanson, November 2019.

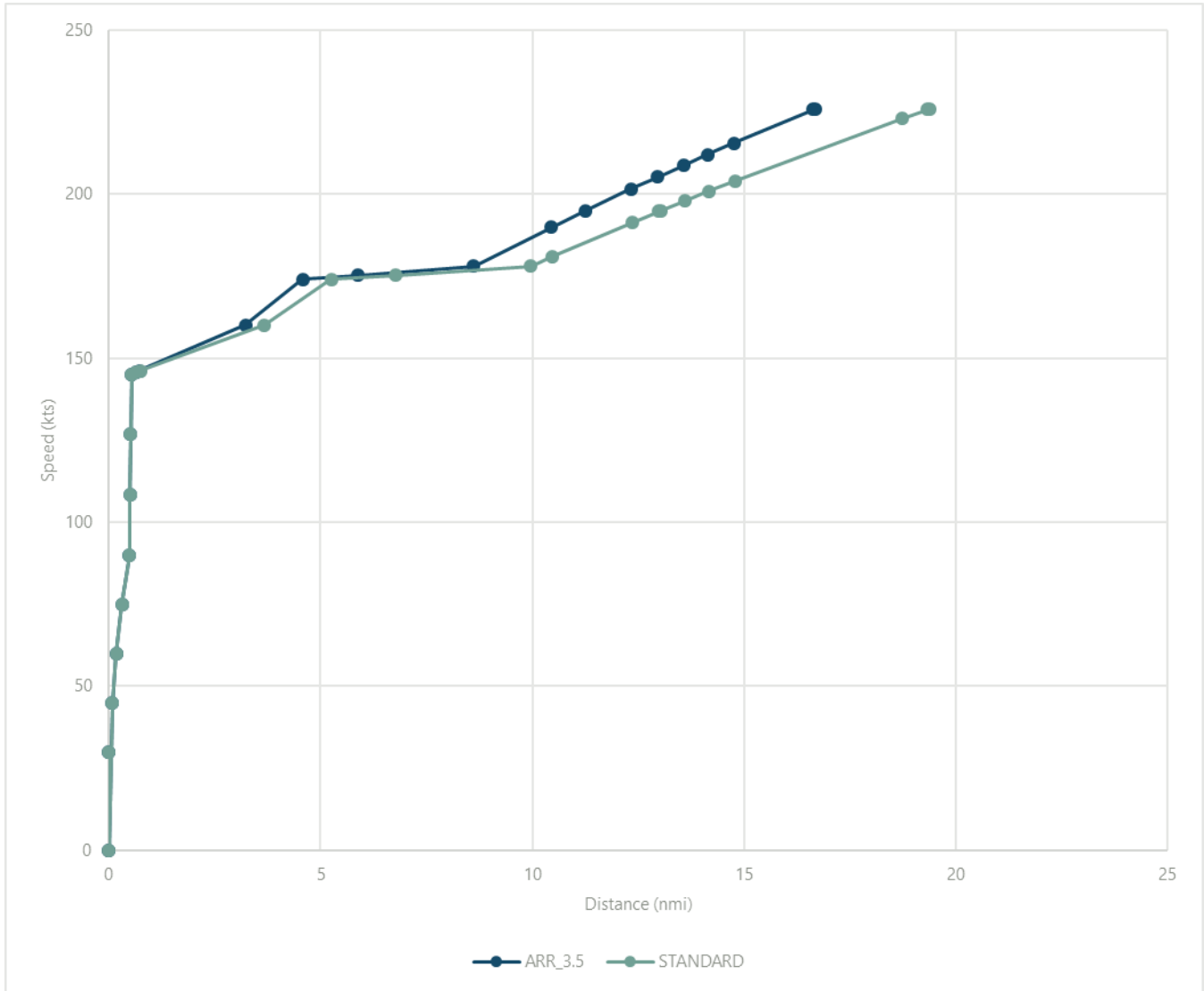
EXHIBIT C-190 MD11PW ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

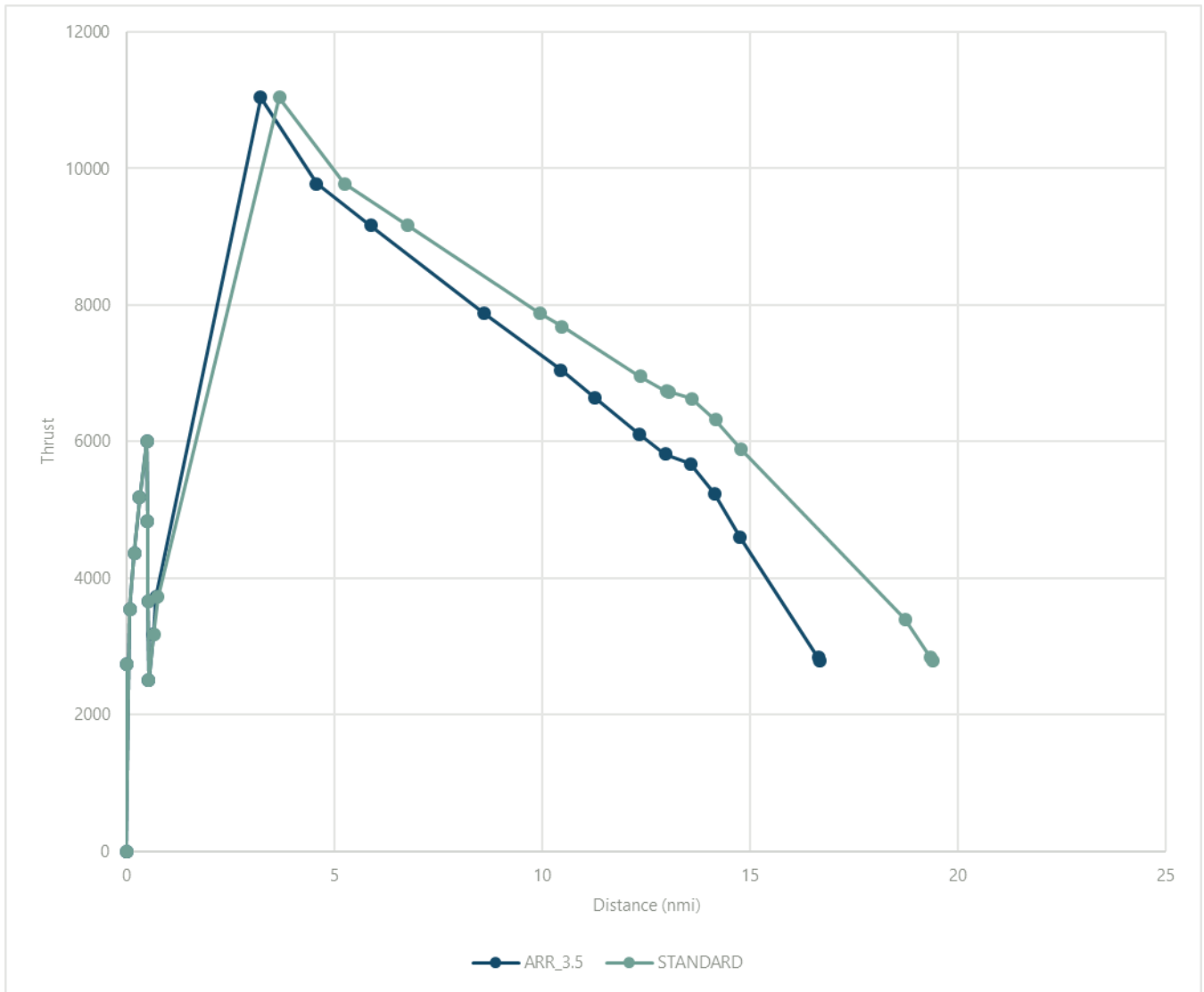
EXHIBIT C-191 MD11PW SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-192 MD11PW THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-65 MD11PW PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.68155	0	6016.4	226	2791	19.3785	0	6016.4	226	2791
16.6358	0.045745	5999.4	225.7511	2833.894	19.32511	0.053387	5999.4	225.7553	2840.971
14.76103	1.92052	5302.681	215.5517	4591.855	18.73012	0.648383	5809.934	223.0278	3397.902
14.13575	2.545796	5070.311	212.0389	5239.97	14.79069	4.587808	4555.493	204.0409	5882.231
13.56356	3.117984	4857.67	208.7725	5674.449	14.16541	5.213084	4356.385	200.8623	6319.904
12.96206	3.719483	4634.137	205.2829	5814.402	13.59323	5.785273	4174.181	197.9088	6625.981
12.31942	4.362127	4395.312	201.4877	6106.734	13.04435	6.334154	3999.4	195.0316	6725.555
11.25407	5.427473	3999.4	194.9501	6641.51	12.99173	6.386771	3982.645	194.7558	6735.1
10.44249	6.239058	3697.792	189.9698	7048.906	12.34908	7.029416	3778.006	191.3296	6956.676
8.608954	8.072592	3016.4	178	7874	10.47215	8.906347	3180.33	180.9521	7683.596
5.872346	10.8092	1999.4	175.288	9162.2	9.957349	9.421151	3016.4	178	7874
4.572658	12.10889	1516.4	174	9774	6.76369	12.61481	1999.4	175.288	9162.2
3.227226	13.45432	1016.4	160	11038	5.246938	14.13156	1516.4	174	9774
0.713959	15.96759	82.4	146.0375	3725.422	3.676691	15.70181	1016.4	160	11038
0.632996	16.04855	52.31176	145.5654	3167.857	0.743624	18.63488	82.4	146.0375	3725.422
0.536362	16.14518	16.4	145	2500	0.649137	18.72936	52.31176	145.5654	3167.857
0.515688	16.16586	16.4	126.6667	3666.667	0.536362	18.84214	16.4	145	2500
0.497804	16.18374	16.4	108.3333	4833.333	0.515688	18.86281	16.4	126.6667	3666.667
0.48271	16.19884	16.4	90	6000	0.497804	18.8807	16.4	108.3333	4833.333
0.316778	16.36477	16.4	75	5183.25	0.48271	18.89579	16.4	90	6000
0.181016	16.50053	16.4	60	4366.5	0.316778	19.06172	16.4	75	5183.25
0.075423	16.60612	16.4	45	3549.75	0.181016	19.19748	16.4	60	4366.5
0	16.68155	16.4	0	0	0.075423	19.30308	16.4	45	3549.75
0	16.68155	16.4	30	2733	0	19.3785	16.4	0	0
					0	19.3785	16.4	30	2733

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-193 MD83 ALTITUDE VERSUS CUMULATIVE DISTANCE

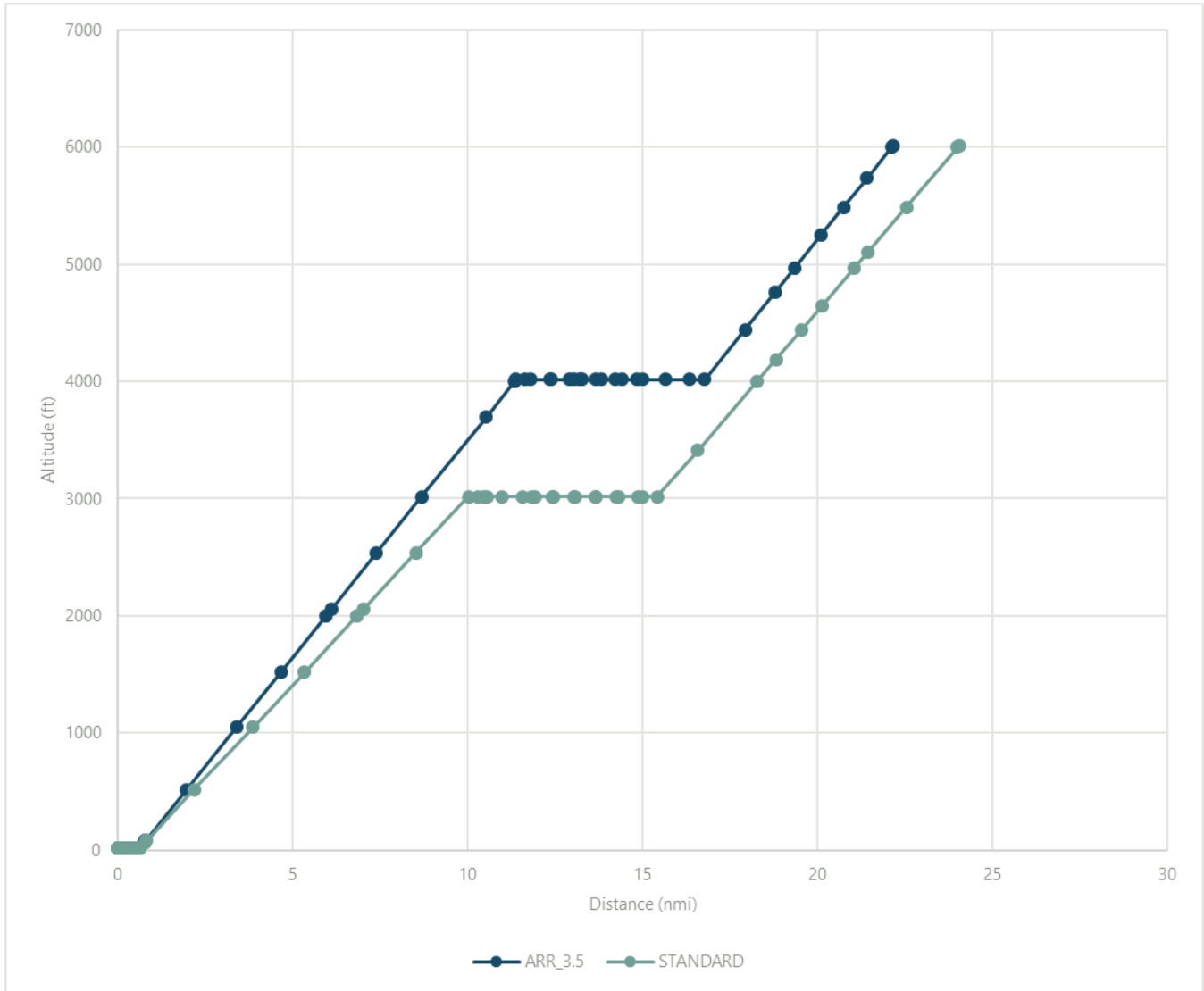
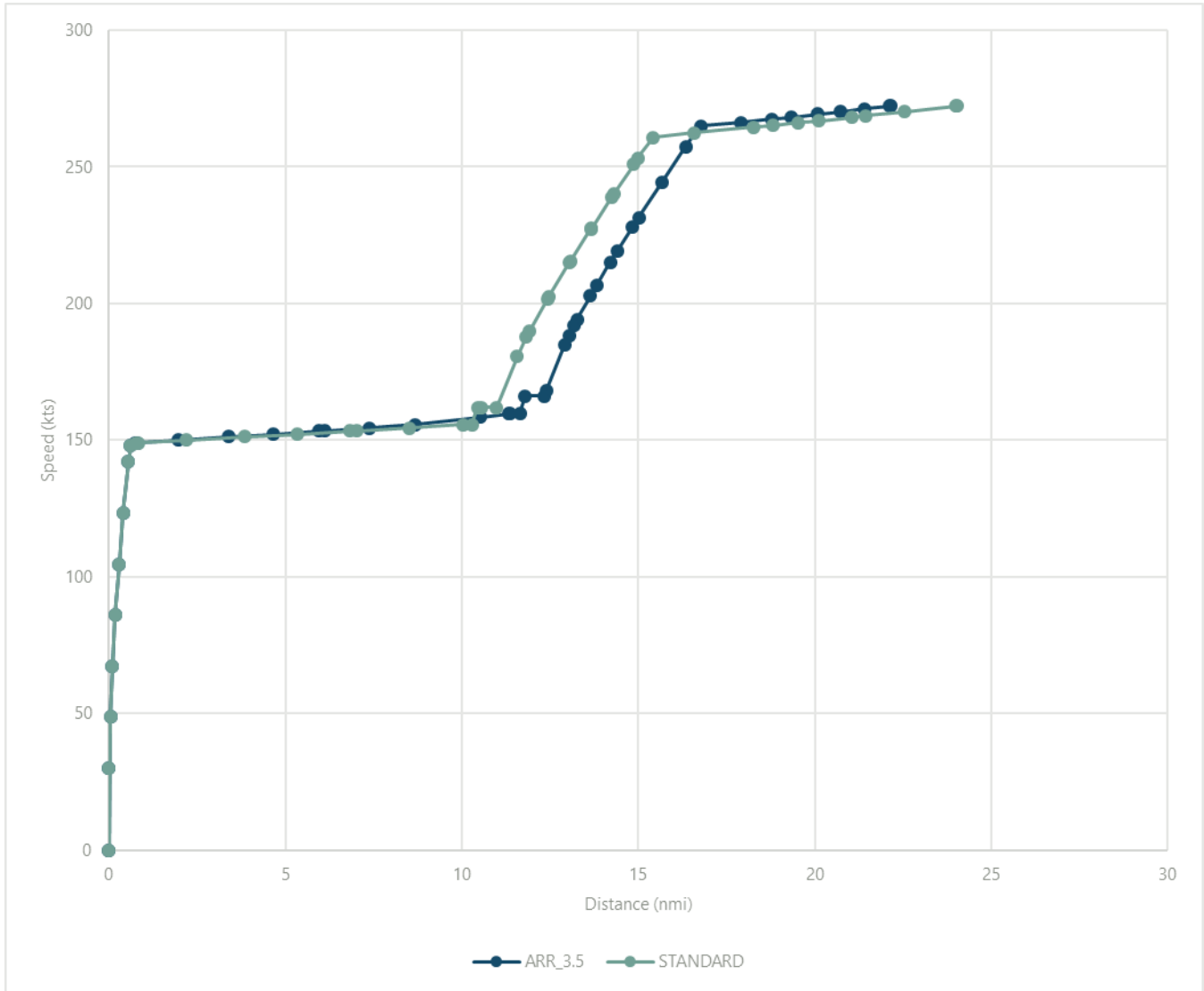


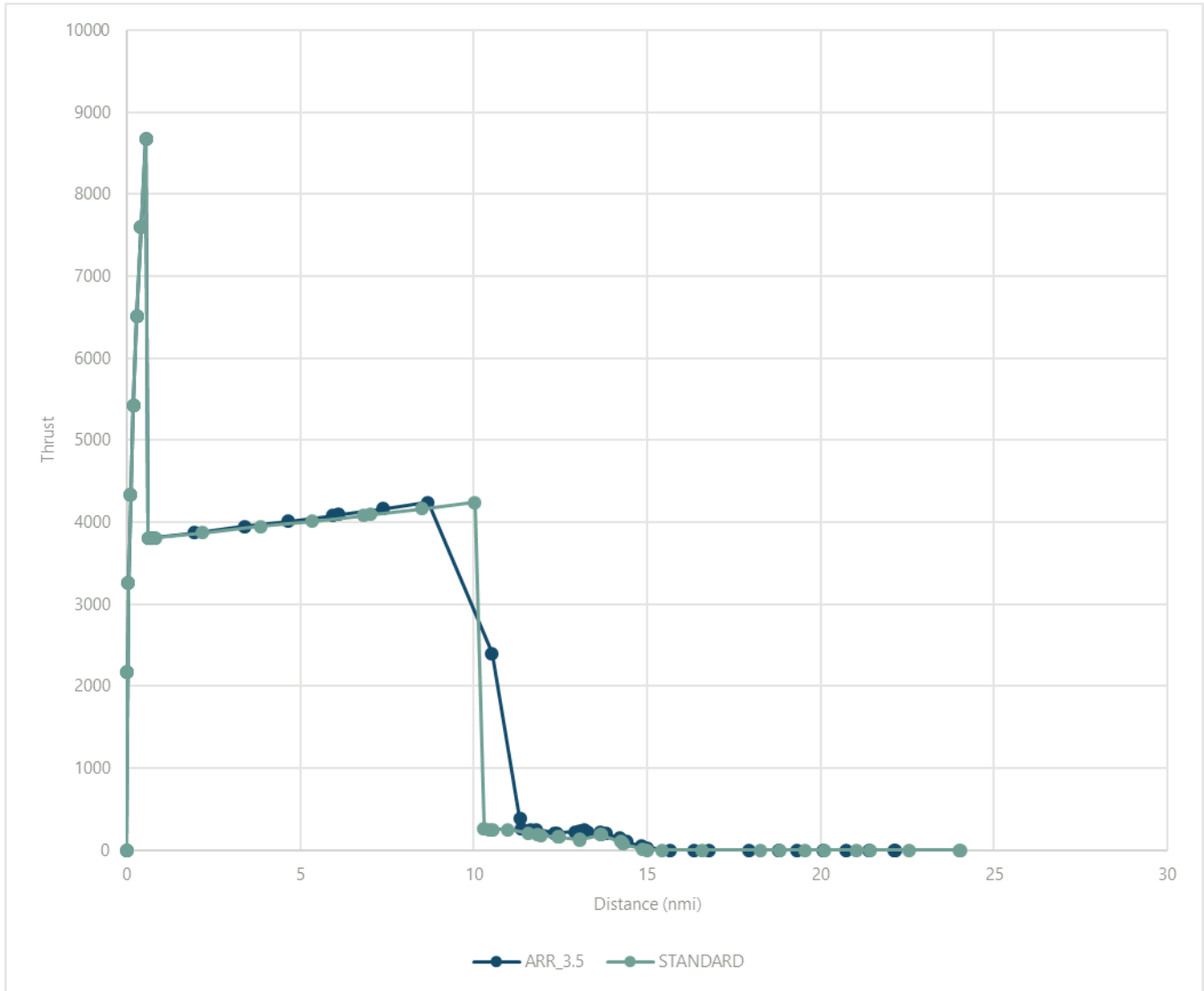
EXHIBIT C-194 MD83 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-195 MD83 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-66 (1 OF 2) MD83 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
22.15313	0	6016.4	272.2	1	24.04382	0	6016.4	272.2	1
22.10739	0.045742	5999.4	272.1356	1	23.99525	0.048567	5999.4	272.1355	1
21.40134	0.751796	5736.997	271.1415	1	22.53825	1.505567	5489.4	270.2	1
20.73512	1.418011	5489.4	270.2	1	21.431	2.612819	5102.593	268.6514	1
20.0871	2.066035	5248.565	269.2369	1	21.03828	3.005539	4965.4	268.1	1
19.32518	2.827958	4965.4	268.1	1	20.11676	3.927058	4644.121	266.8685	1
18.77723	3.375905	4761.759	267.3201	1	19.5439	4.499914	4444.4	266.1	1
17.92329	4.229841	4444.4	266.1	1	18.80689	5.236928	4188.766	265.1629	1
16.77157	5.381563	4016.4	265	1	18.26093	5.782886	3999.4	264.4637	1
16.34334	5.809797	4016.4	257.3	1	16.57144	7.472373	3413.4	262.3	1
15.65836	6.494775	4016.4	244.2	1	15.41807	8.625741	3016.4	260.8	1
15.00943	7.143709	4016.4	231.4	26.49459	14.98984	9.053975	3016.4	253.1	1
14.8378	7.315331	4016.4	228.0013	47.10077	14.86746	9.176353	3016.4	250.8098	14.10051
14.39555	7.757588	4016.4	219	105.0167	14.30486	9.738952	3016.4	240	78.49435
14.21253	7.940607	4016.4	215.1609	148.1886	14.24219	9.80163	3016.4	238.7937	100.66
13.81606	8.33707	4016.4	206.6	200.2554	13.67	10.37382	3016.4	227.4851	189.9652
13.64034	8.512795	4016.4	202.6853	220.5087	13.65593	10.38789	3016.4	227.2	186.5762
13.27098	8.882155	4016.4	194.2	217.5834	13.0685	10.97532	3016.4	215.349	127.7051
13.18573	8.967407	4016.4	192.1	252.1162	13.04205	11.00177	3016.4	214.8	126.2682
13.03884	9.114294	4016.4	188.1083	232.0424	12.46257	11.58125	3016.4	202.4	156.9308
12.91944	9.233695	4016.4	184.8	219.8617	12.42585	11.61796	3016.4	201.5888	158.5468
12.3962	9.756938	4016.4	167.991	207.5628	11.91748	12.12633	3016.4	190	183.0007
12.34045	9.812684	4016.4	166.1	205	11.83223	12.21158	3016.4	187.9	188.0884
11.80096	10.35217	4016.4	166.1	252	11.56594	12.47787	3016.4	180.6	207.8593
11.64445	10.50869	4016.4	159.8	252	10.98695	13.05686	3016.4	161.9	252
11.37651	10.77662	4016.4	159.8	267	10.54892	13.49489	3016.4	161.9	252
11.33077	10.82237	3999.4	159.7292	380.9077	10.44746	13.59635	3016.4	161.9	252
10.51926	11.63387	3697.823	158.4741	2401.609	10.29095	13.75287	3016.4	155.6	267
8.685648	13.46749	3016.4	155.6	4237	10.02302	14.0208	3016.4	155.6	4237
7.394033	14.7591	2536.4	154.5	4164	8.517613	15.5262	2536.4	154.5	4164
6.110483	16.04265	2059.4	153.4	4091	7.022908	17.02091	2059.4	153.4	4091
5.949031	16.2041	1999.4	153.2667	4082.222	6.83452	17.2093	1999.4	153.2667	4082.222
4.657416	17.49572	1519.4	152.2	4012	5.327417	18.7164	1519.4	152.2	4012
3.392793	18.76034	1049.4	151.2	3944	3.854765	20.18905	1049.4	151.2	3944
1.961286	20.19185	517.4	150	3869	2.18429	21.85953	517.4	150	3869
0.790736	21.3624	82.4	149.0356	3809.217	0.820395	23.22342	82.4	149.0356	3809.217
0.747682	21.40545	66.4	149	3807	0.770229	23.27359	66.4	149	3807
0.613221	21.53991	16.4	148	3807	0.613221	23.43059	16.4	148	3807

TABLE C-66 (2 OF 2) MD83 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
0.551899	21.60124	16.4	142	8680	0.551899	23.49192	16.4	142	8680
0.410002	21.74313	16.4	123.3333	7595	0.410002	23.63381	16.4	123.3333	7595
0.288071	21.86506	16.4	104.6667	6510	0.288071	23.75574	16.4	104.6667	6510
0.186105	21.96703	16.4	86	5425	0.186105	23.85771	16.4	86	5425
0.104105	22.04903	16.4	67.33333	4340	0.104105	23.93971	16.4	67.33333	4340
0.04207	22.11106	16.4	48.66667	3255	0.04207	24.00175	16.4	48.66667	3255
0	22.15313	16.4	0	0	0	24.04382	16.4	0	0
0	22.15313	16.4	30	2170	0	24.04382	16.4	30	2170

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

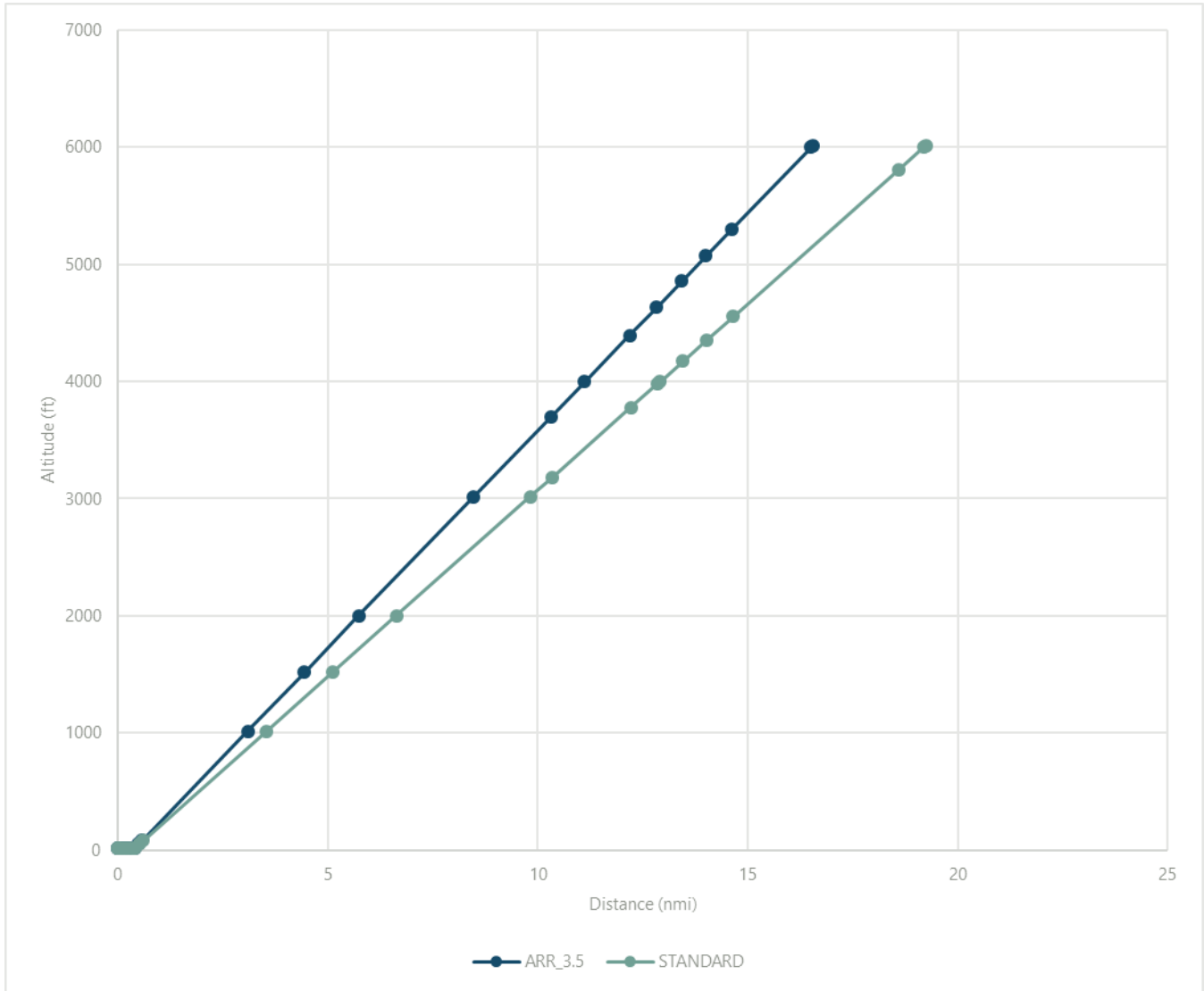
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

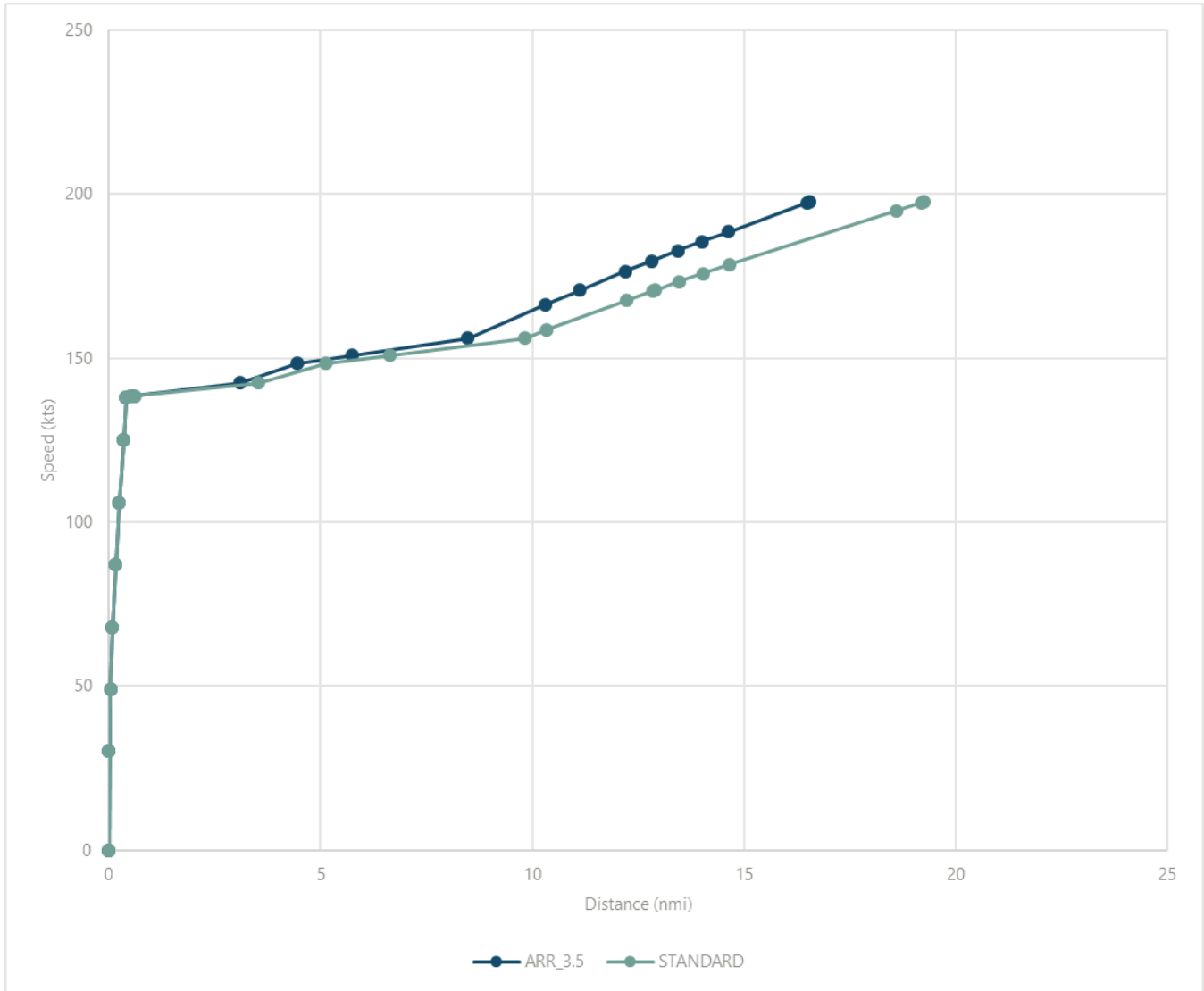
EXHIBIT C-196 MD9025 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

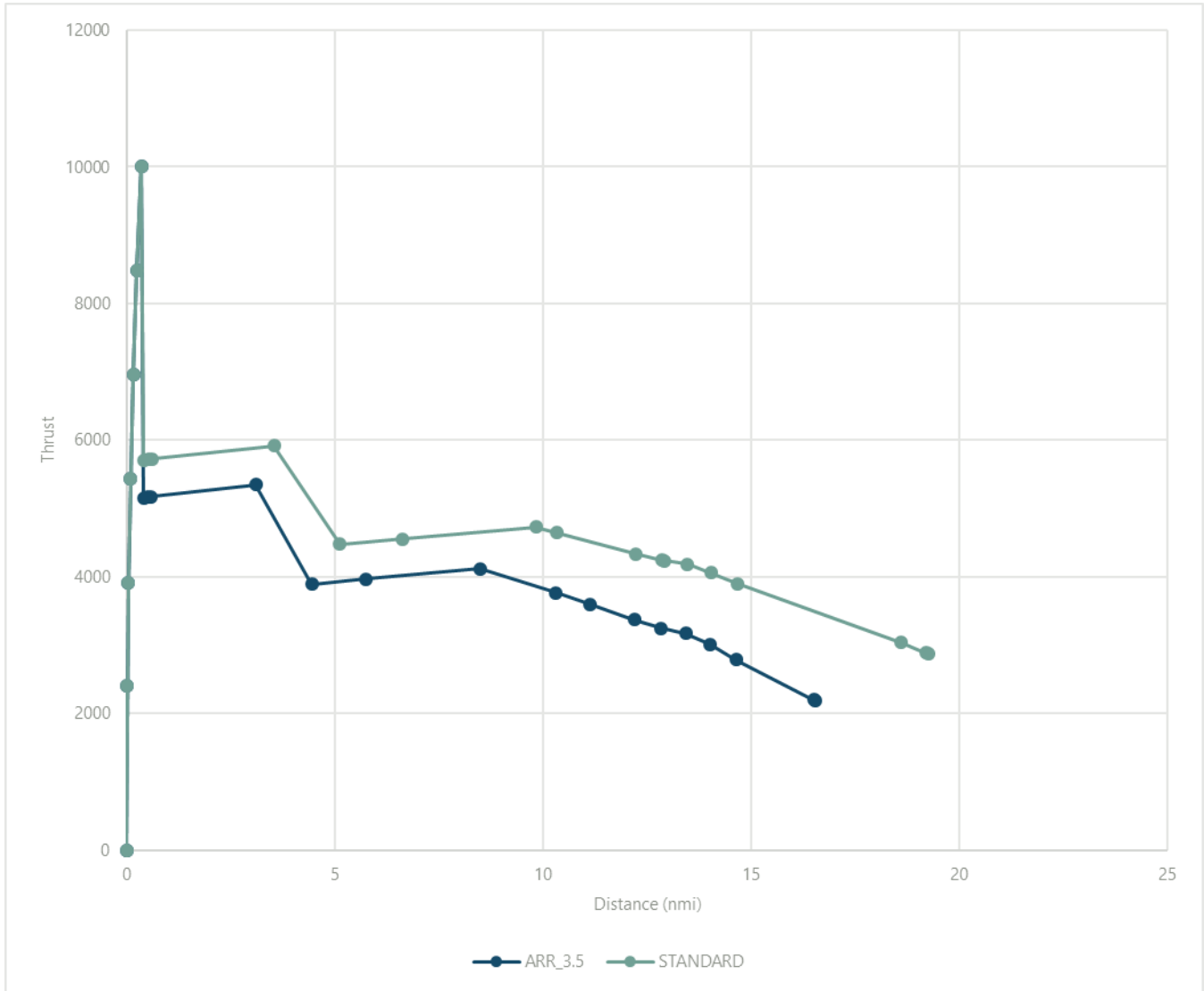
EXHIBIT C-197 MD9025 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-198 MD9025 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-67 MD9025 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.5476	0	6016.4	197.607	2189.007	19.24467	0	6016.4	197.607	2871.623
16.50186	0.045744	5999.4	197.3914	2203.194	19.19128	0.053386	5999.4	197.3949	2885.258
14.62722	1.920378	5302.728	188.554	2784.612	18.59632	0.648352	5809.942	195.0313	3037.216
14.00195	2.545655	5070.355	185.511	3010.493	14.65689	4.587777	4555.488	178.584	3899.168
13.42976	3.117843	4857.712	182.6819	3171.959	14.03161	5.213053	4356.378	175.832	4061.094
12.82826	3.719342	4634.177	179.6599	3249.728	13.45943	5.785242	4174.172	173.2754	4180.255
12.18561	4.361986	4395.35	176.374	3375.02	12.91058	6.334088	3999.4	170.7854	4234.346
11.12018	5.427425	3999.4	170.7157	3596.903	12.85793	6.38674	3982.634	170.5465	4239.535
10.30868	6.238917	3697.824	166.406	3765.901	12.21528	7.029385	3777.993	167.5818	4336.353
8.47508	8.07252	3016.4	156.0545	4116.04	10.33835	8.906316	3180.311	158.6062	4645.862
5.738496	10.8091	1999.4	150.85	3965.341	9.823613	9.421054	3016.4	156.0545	4728.096
4.43882	12.10878	1516.4	148.3783	3893.769	6.629876	12.61479	1999.4	150.85	4555.339
3.0934	13.4542	1016.4	142.4558	5349.038	5.113087	14.13158	1516.4	148.3783	4473.292
0.580155	15.96745	82.4	138.3814	5170.379	3.542911	15.70176	1016.4	142.4558	5918.406
0.499193	16.04841	52.31176	138.2481	5164.521	0.609823	18.63484	82.4	138.3814	5720.969
0.40256	16.14504	16.4	138.0889	5157.521	0.515335	18.72933	52.31176	138.2481	5714.495
0.345616	16.20199	16.4	124.9343	10000	0.40256	18.84211	16.4	138.0889	5706.759
0.242676	16.30492	16.4	105.9707	8480	0.345616	18.89905	16.4	124.9343	10000
0.156644	16.39096	16.4	87.00715	6960	0.242676	19.00199	16.4	105.9707	8480
0.087521	16.46008	16.4	68.04356	5440	0.156644	19.08802	16.4	87.00715	6960
0.035307	16.51229	16.4	49.07997	3920	0.087521	19.15715	16.4	68.04356	5440
0	16.5476	16.4	0	0	0.035307	19.20936	16.4	49.07997	3920
0	16.5476	16.4	30.11638	2400	0	19.24467	16.4	0	0
					0	19.24467	16.4	30.11638	2400

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

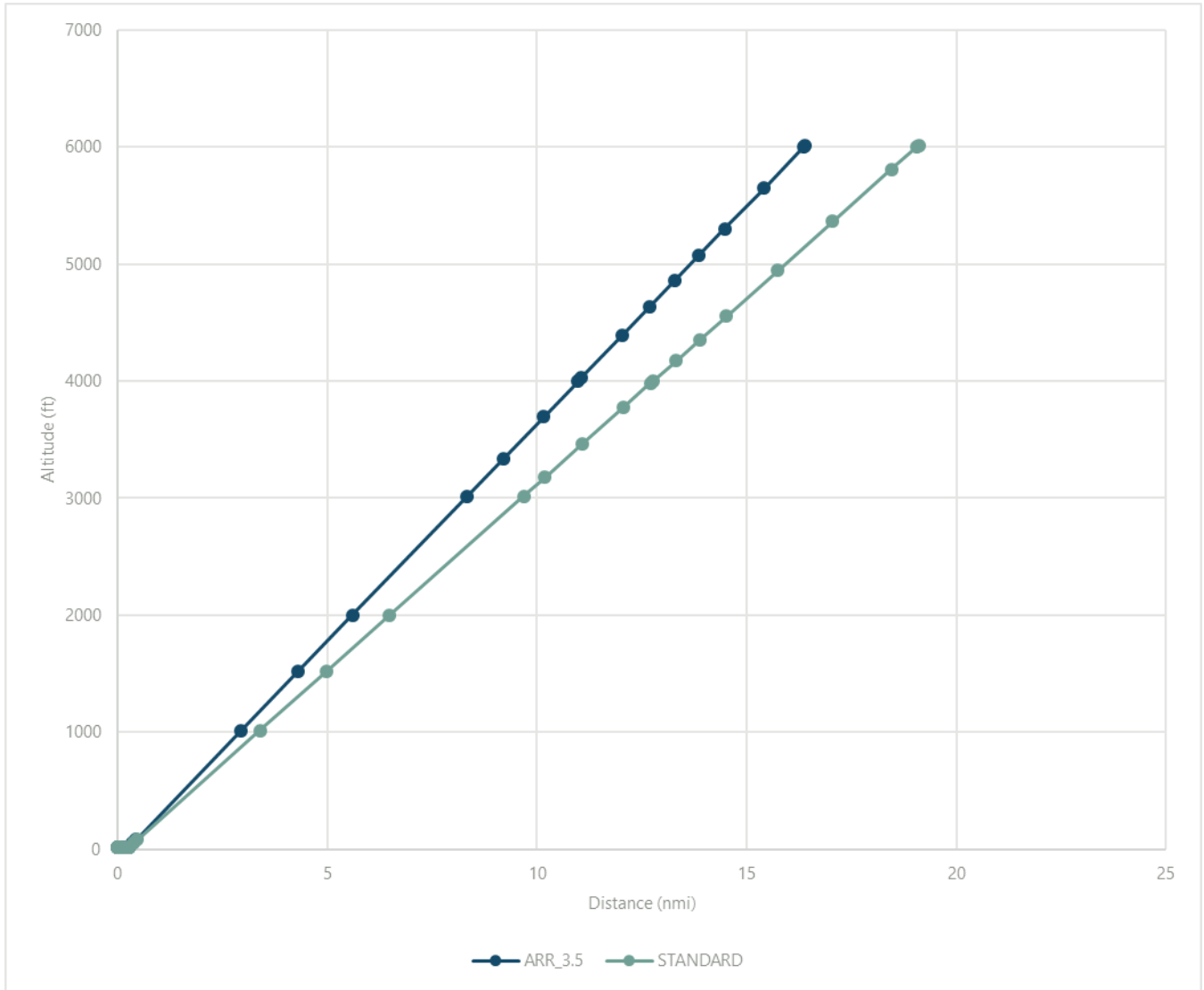
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

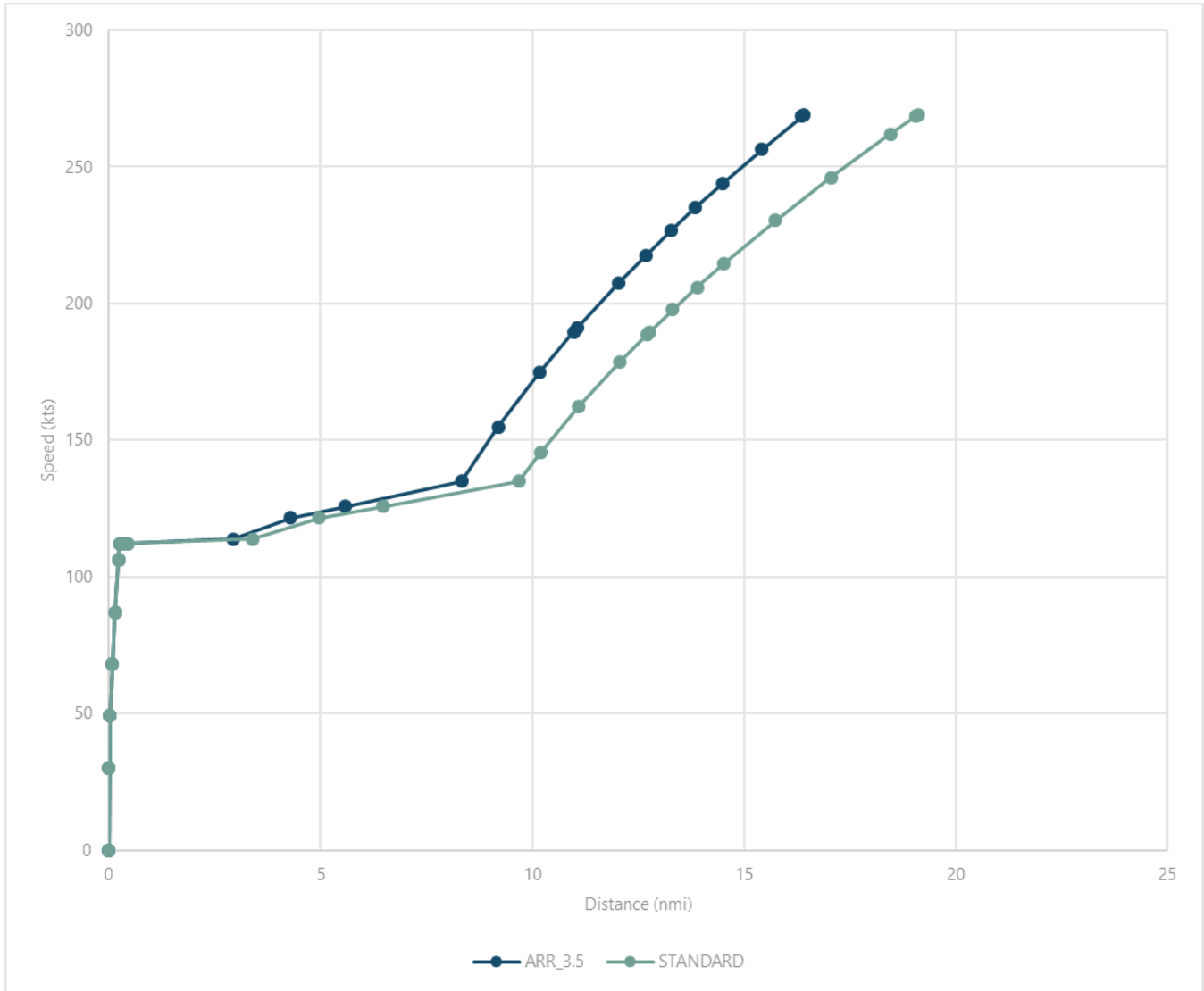
EXHIBIT C-199 MU3001 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

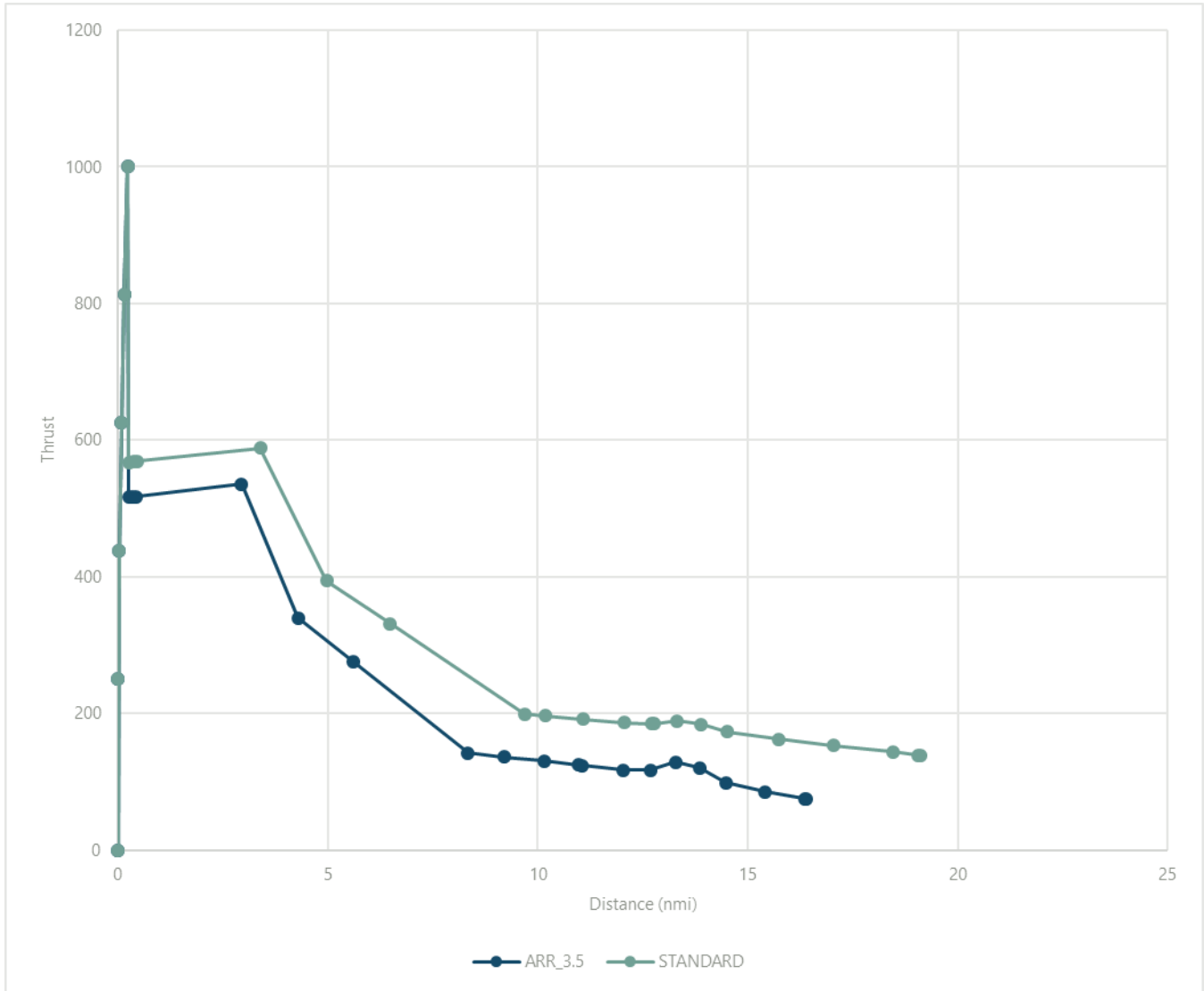
EXHIBIT C-200 MU3001 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-201 MU3001 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-68 MU3001 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (MI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.40277	0	6016.4	268.9935	74.98666	19.09984	0	6016.4	268.9935	138.3209
16.35703	0.045744	5999.4	268.4093	75.47004	19.04645	0.053386	5999.4	268.4154	138.7665
15.41906	0.983712	5650.822	256.4297	85.38155	18.45149	0.648352	5809.942	261.9722	143.733
14.48239	1.920378	5302.728	243.8658	98.79659	17.05097	2.048869	5363.967	246.1226	152.644
13.85712	2.545655	5070.355	235.1054	120.6552	15.73783	3.362011	4945.816	230.2731	161.8182
13.28493	3.117843	4857.712	226.7924	128.5915	14.51206	4.587777	4555.488	214.4235	172.8021
12.68343	3.719342	4634.177	217.7116	116.9652	13.88678	5.213053	4356.378	205.869	184.2855
12.04079	4.361986	4395.35	207.5711	117.3115	13.3146	5.785242	4174.172	197.7167	189.3489
11.06186	5.340914	4031.55	191.093	123.5981	12.76575	6.334088	3999.4	189.5511	185.1228
10.97535	5.427425	3999.4	189.5056	124.2213	12.7131	6.38674	3982.634	188.7677	184.7174
10.16385	6.238917	3697.824	174.6149	130.0667	12.07045	7.029385	3777.993	178.712	186.2303
9.188157	7.214614	3335.225	154.7346	136.1613	11.08378	8.016054	3463.802	162.0635	191.4211
8.330251	8.07252	3016.4	134.8544	142.2559	10.19352	8.906316	3180.311	145.4149	196.5427
5.593666	10.8091	1999.4	125.7924	276.1838	9.678784	9.421054	3016.4	134.8544	199.3886
4.293991	12.10878	1516.4	121.4886	339.7896	6.485047	12.61479	1999.4	125.7924	331.2975
2.948571	13.4542	1016.4	113.7268	535.2293	4.968257	14.13158	1516.4	121.4886	393.9444
0.435326	15.96745	82.4	112.0619	517.446	3.398082	15.70176	1016.4	113.7268	588.4681
0.354363	16.04841	52.31176	112.0079	516.8628	0.464994	18.63484	82.4	112.0619	568.9166
0.25773	16.14504	16.4	111.9433	516.1662	0.370506	18.72933	52.31176	112.0079	568.2753
0.231957	16.17081	16.4	105.961	1000	0.25773	18.84211	16.4	111.9433	567.5096
0.149727	16.25304	16.4	86.99985	812.5	0.231957	18.86788	16.4	105.961	1000
0.083658	16.31911	16.4	68.03869	625	0.149727	18.95011	16.4	86.99985	812.5
0.033748	16.36902	16.4	49.07754	437.5	0.083658	19.01618	16.4	68.03869	625
0	16.40277	16.4	0	0	0.033748	19.06609	16.4	49.07754	437.5
0	16.40277	16.4	30.11638	250	0	19.09984	16.4	0	0
					0	19.09984	16.4	30.11638	250

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

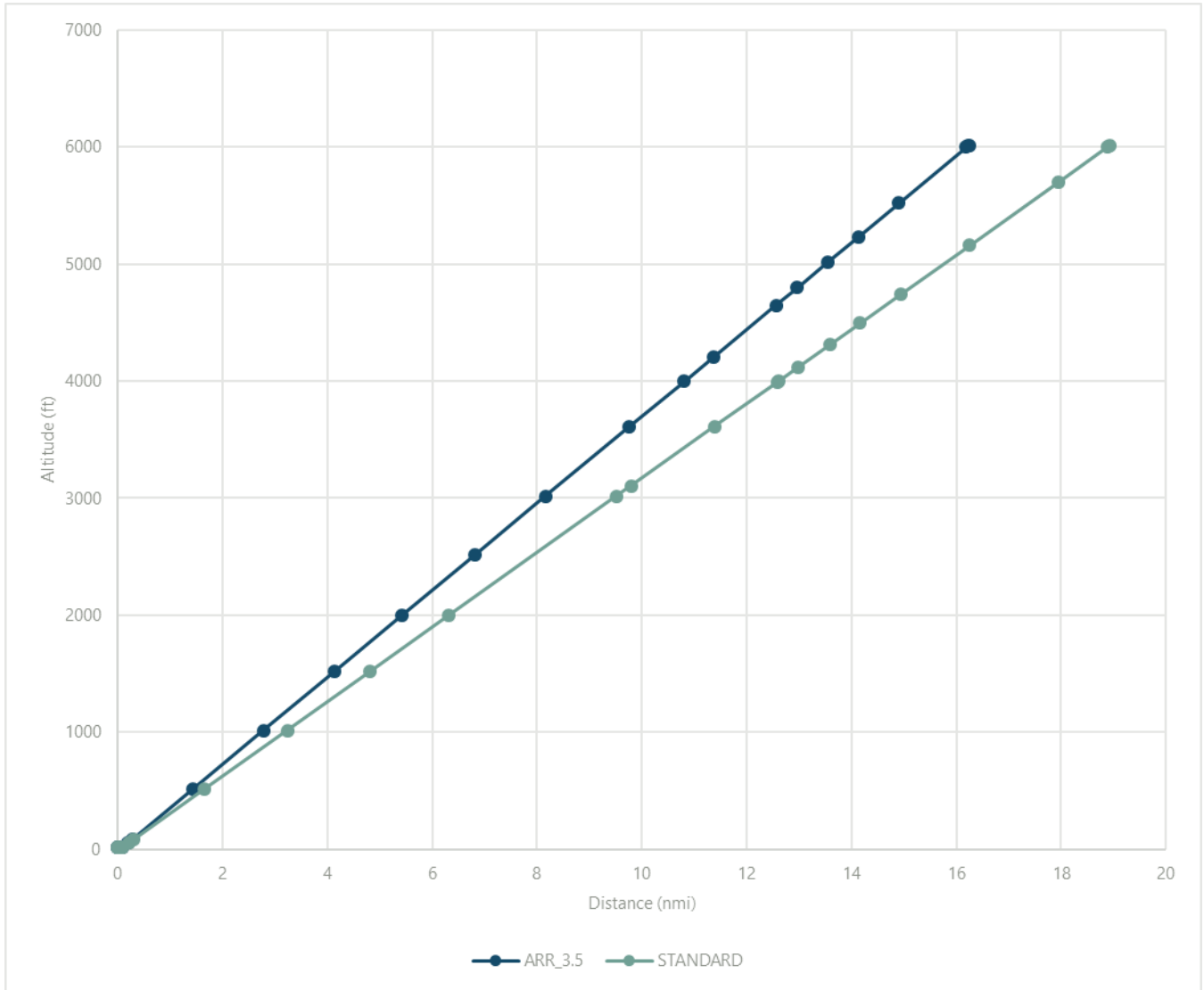
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

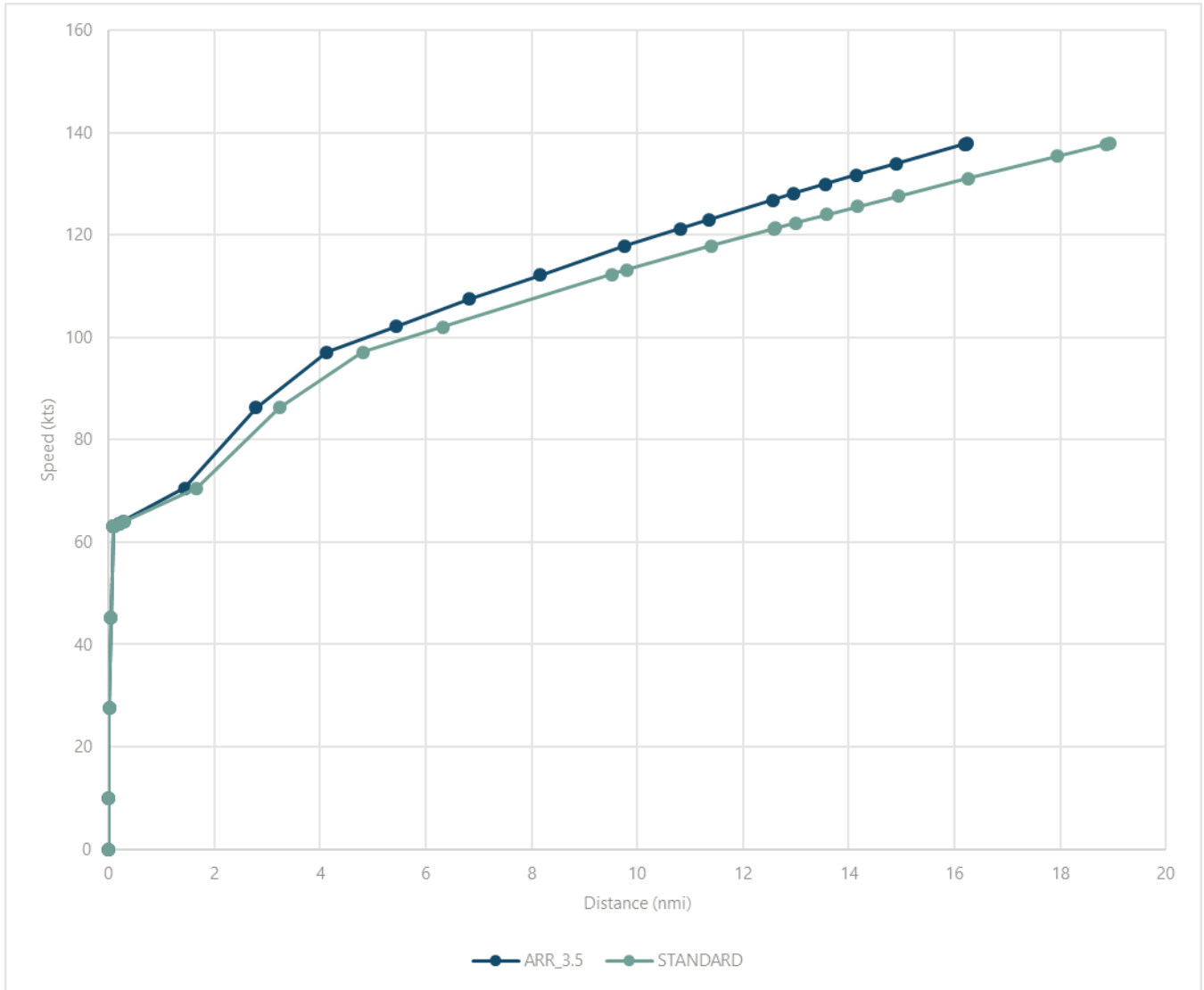
EXHIBIT C-202 PA28 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

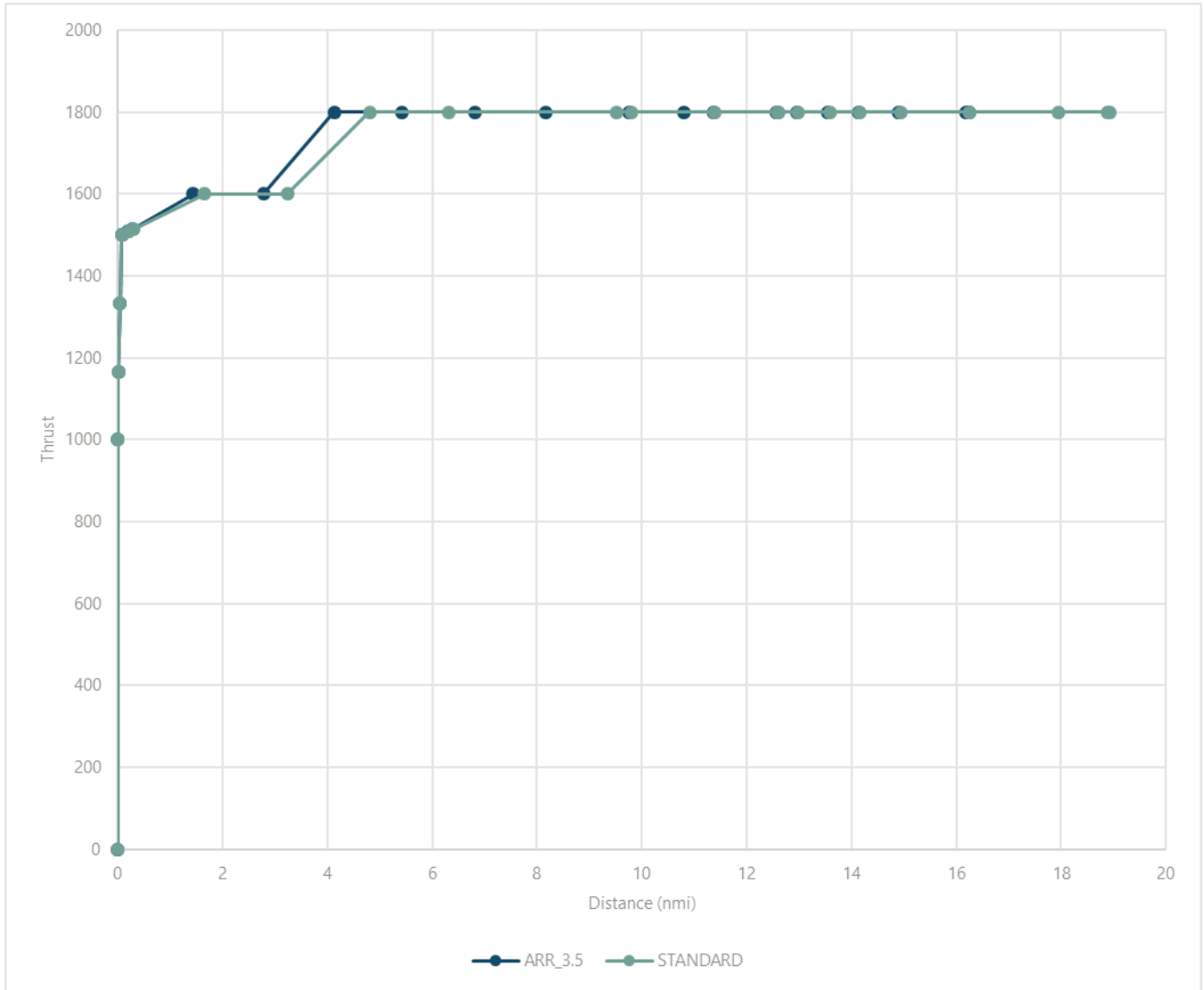
EXHIBIT C-203 PA28 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-204 PA28 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-69 PA28 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					STANDARD				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
16.23908	0	6016.4	137.8	1800	18.93616	0	6016.4	137.8	1800
16.22165	0.017424	6009.925	137.7501	1800	18.88277	0.053386	5999.4	137.6678	1800
16.19333	0.045744	5999.4	137.6678	1800	17.93895	0.997209	5698.853	135.33	1800
14.9024	1.336674	5519.648	133.9159	1800	16.25132	2.684842	5161.45	131.0438	1800
14.13841	2.100671	5235.722	131.6444	1800	14.93207	4.004093	4741.354	127.5929	1800
13.55419	2.684886	5018.608	129.8807	1800	14.16807	4.768089	4498.07	125.5511	1800
12.95999	3.279085	4797.784	128.0619	1800	13.58386	5.352304	4312.035	123.9671	1800
12.56003	3.679049	4649.144	126.8229	1800	12.98966	5.946503	4122.821	122.335	1800
11.36059	4.878484	4203.395	123.0327	1800	12.60207	6.334087	3999.4	121.2584	1800
10.81168	5.427399	3999.4	121.2331	1800	12.58969	6.346467	3995.458	121.224	1800
9.765944	6.473132	3610.771	117.8049	1800	11.39026	7.545903	3613.515	117.8296	1800
8.166594	8.072482	3016.4	112.199	1800	9.795611	9.14055	3105.722	113.1591	1800
6.812409	9.426667	2513.14	107.4524	1800	9.515109	9.421052	3016.4	112.2566	1800
5.430022	10.80905	1999.4	102.1166	1800	6.321372	12.61479	1999.4	101.9804	1800
4.130353	12.10872	1516.4	97.1	1800	4.804583	14.13158	1516.4	97.1	1800
2.784921	13.45416	1016.4	86.3	1600	3.234402	15.70176	1016.4	86.3	1600
1.439489	14.79959	516.4	70.5	1600	1.664238	17.27192	516.4	70.5	1600
0.271654	15.96742	82.4	64.04034	1513.579	0.301321	18.63484	82.4	64.04034	1513.579
0.19069	16.04839	52.31176	63.56818	1507.416	0.206833	18.72933	52.31176	63.56818	1507.416
0.094057	16.14502	16.4	63	1500	0.094057	18.8421	16.4	63	1500
0.084643	16.15443	16.4	63	1500	0.084643	18.85152	16.4	63	1500
0.042772	16.1963	16.4	45.33333	1333.333	0.042772	18.89339	16.4	45.33333	1333.333
0.014558	16.22452	16.4	27.66667	1166.667	0.014558	18.9216	16.4	27.66667	1166.667
0	16.23908	16.4	0	0	0	18.93616	16.4	0	0
0	16.23908	16.4	10	1000	0	18.93616	16.4	10	1000

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

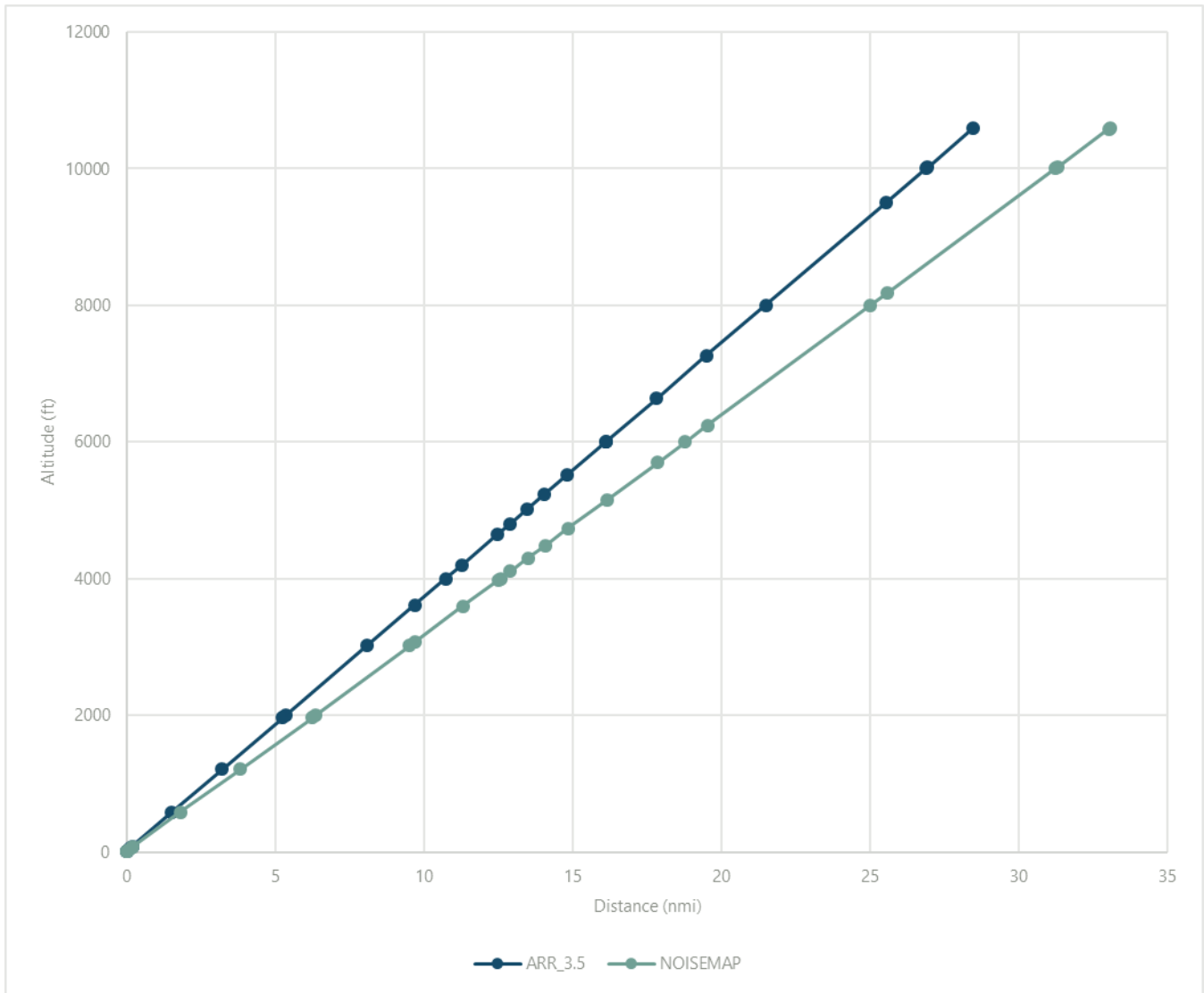
KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.

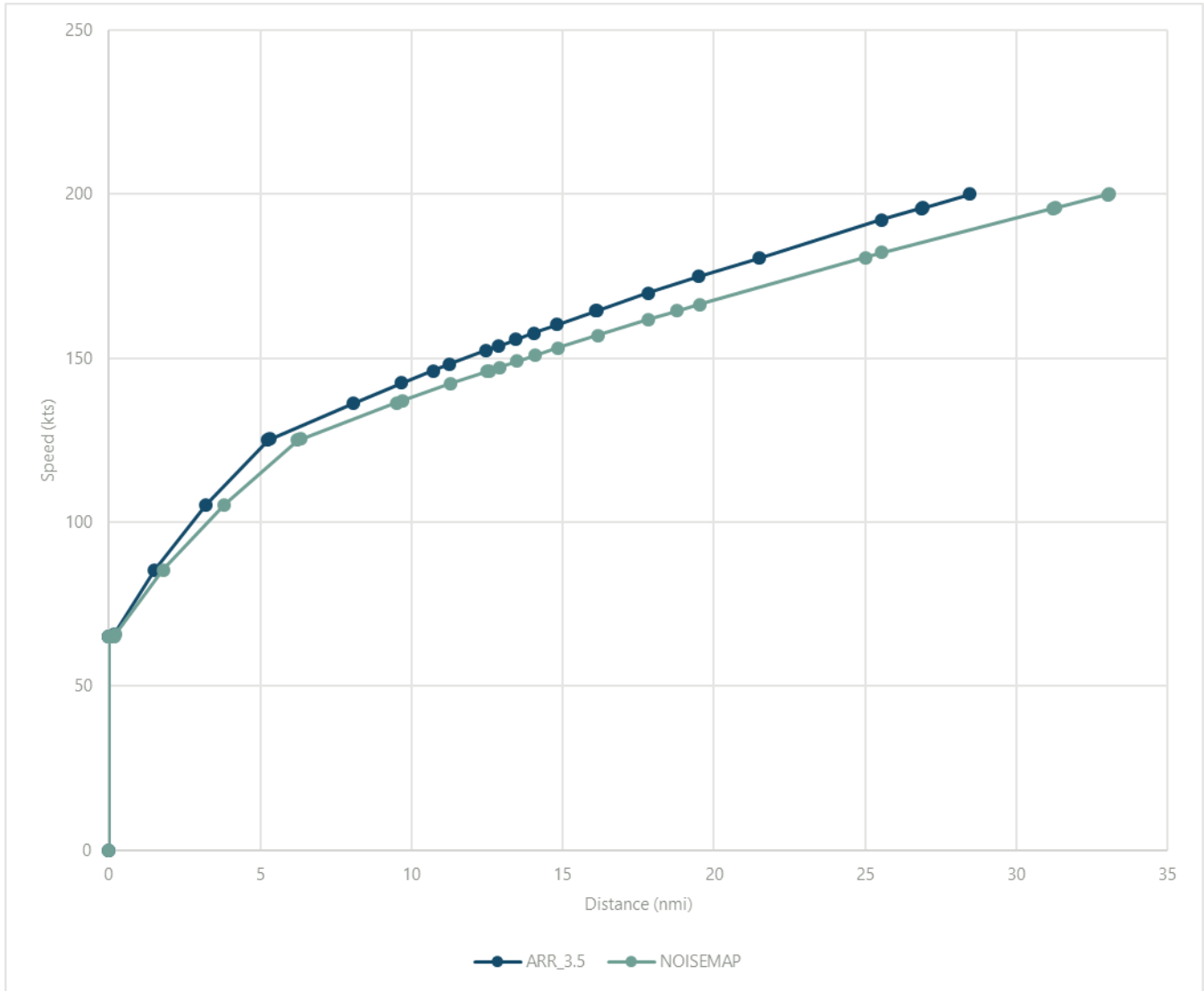
EXHIBIT C-205 T41 ALTITUDE VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
 - Thrust – net corrected thrust in pounds
 - ARR_3.5 – user defined 3.5-degree approach performance profile
 - Altitude – height above airfield elevation
 - Distance – cumulative distance starting from end of landing roll on Runway 27
 - Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

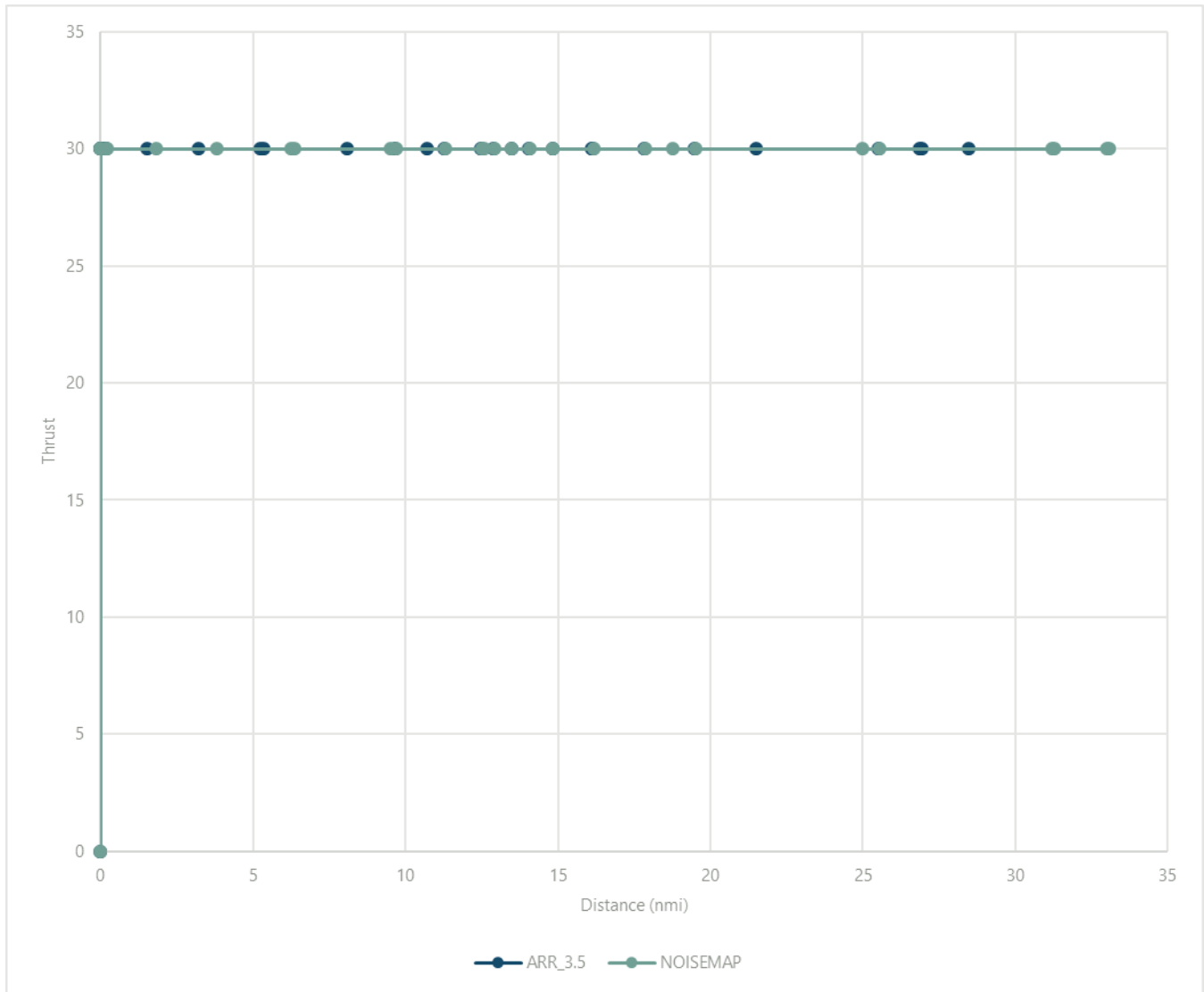
EXHIBIT C-206 T41 SPEED VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
- Thrust – net corrected thrust in pounds
- ARR_3.5 – user defined 3.5-degree approach performance profile
- Altitude – height above airfield elevation
- Distance – cumulative distance starting from end of landing roll on Runway 27
- Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

EXHIBIT C-207 T41 THRUST VERSUS CUMULATIVE DISTANCE



NOTES:

- nmi – nautical miles
- Thrust – net corrected thrust in pounds
- ARR_3.5 – user defined 3.5-degree approach performance profile
- Altitude – height above airfield elevation
- Distance – cumulative distance starting from end of landing roll on Runway 27
- Standard – AEDT Standard aircraft performance profile
- SOURCE: Harris Miller Miller and Hanson, November 2019.

TABLE C-70 T41 PERFORMANCE DATA COMPARISON

AEDT FLIGHT PERFORMANCE									
ARR_3.5					NOISEMAP				
DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST	DISTANCE	CUMULATIVE GROUND TRACK DISTANCE (NMI)	ALTITUDE ABOVE MEAN SEA LEVEL (FT)	SPEED (KTS)	NET CORRECTED THRUST
28.47066	0	10596.4	200	30	33.07735	0	10596.4	200	30
26.91966	1.550997	10020	195.8482	30	33.02449	0.052864	10579.4	199.8799	30
26.86423	1.606429	9999.4	195.6998	30	31.28484	1.792509	10020	195.744	30
25.52805	2.942611	9502.832	192.1231	30	31.22078	1.856571	9999.4	195.5917	30
21.48256	6.988099	7999.4	180.5522	30	25.56165	7.515699	8179.648	182.1373	30
19.49457	8.976089	7260.6	174.8662	30	25.00111	8.07624	7999.4	180.6767	30
17.81679	10.65387	6637.085	169.756	30	19.52817	13.54918	6239.519	166.4158	30
16.12916	12.3415	6009.907	164.4557	30	18.78144	14.29591	5999.4	164.3493	30
16.10089	12.36977	5999.4	164.3643	30	17.8504	15.22695	5700.013	161.7727	30
14.80991	13.66075	5519.631	160.1903	30	16.16276	16.91459	5157.337	156.9638	30
14.04591	14.42475	5235.706	157.6673	30	14.84351	18.23384	4733.118	153.0995	30
13.4617	15.00896	5018.593	155.7105	30	14.07952	18.99783	4487.447	150.8163	30
12.8675	15.60316	4797.77	153.6947	30	13.4953	19.58205	4299.586	149.0469	30
12.46753	16.00312	4649.13	152.3228	30	12.9011	20.17625	4108.515	147.2253	30
11.2681	17.20256	4203.382	148.1325	30	12.56177	20.51558	3999.4	146.1742	30
10.71922	17.75144	3999.4	146.1493	30	12.50114	20.57621	3979.903	145.9864	30
9.673451	18.79721	3610.76	142.3707	30	11.3017	21.77565	3594.211	142.2064	30
8.074125	20.39653	3016.4	136.092	30	9.707056	23.37029	3081.436	137.0196	30
5.337546	23.13311	1999.4	125.3486	30	9.504806	23.57254	3016.4	136.3185	30
5.248748	23.22191	1966.4	125	30	6.342104	26.73525	1999.4	125.3557	30
3.208832	25.26183	1208.31	105.2448	30	6.23948	26.83787	1966.4	125	30
1.518969	26.95169	580.3103	85.48954	30	3.814432	29.26292	1208.31	105.2448	30
0.179161	28.2915	82.4	65.73431	30	1.805527	31.27182	580.3103	85.48954	30
0.136107	28.33455	66.4	65	30	0.212766	32.86458	82.4	65.73431	30
0.001646	28.46901	16.4	65	30	0.161583	32.91577	66.4	65	30
0	28.47066	16.4	0	0	0.001646	33.0757	16.4	65	30
0	28.47066	16.4	65	30	0	33.07735	16.4	0	0
					0	33.07735	16.4	65	30

NOTES:

AFE – Airport Field Elevation

Cumulative Distance – cumulative distance starting near 6,000 ft. AFE

Distance – cumulative distance starting at the approach end of Runway 27

FT. – feet

KTS - knots

LBS – pounds

NM – nautical miles

SOURCE: Harris Miller Miller and Hanson, November 2019.



U.S. Department
of Transportation
**Federal Aviation
Administration**

Office of Environment and Energy

800 Independence Ave., S.W.
Washington, D.C. 20591

2/10/2020

Gail Campos
Environmental Protection Specialist
Federal Aviation Administration
Las Angeles Airports District Office
777 S. Aviation Blvd, Ste. 150
El Segundo, CA 90245

Dear Gail,

The Office of Environment and Energy (AEE) has received the memo from Ricondo & Associates Inc. on behalf of San Diego International Airport, dated December 2019 (final version received January 30, 2020) referencing the San Diego International Airport, 14 CFR Part 150 Noise Exposure Map (NEM) and Noise Compatibility Program (NCP) update; requesting approval for non-standard inputs for use with AEDT 2d.

AEE has reviewed the proposed non-standard inputs requests and **approves**:

- 1) Use of the updated Boeing 737800 ANP data (U_737800) provided through the AEDT Support Website via AEDT2d ASIF. Use of this updated ANP data is approved for use with AEDT Boeing 737-800 airframes only and cannot be applied to additional substitutions without further approval.
- 2) Use of modified non-standard ANP arrival profiles, which include a 3.5-degree glideslope to SAN Runway 27. Approval for these modified arrival profiles is granted when used with the standard AEDT2d Equipment IDs assigned to the ANP types listed below, but cannot be applied to additional substitutions without further approval.

717200	737300	737400	737500	737700	U_737800*	747400	757300	767300	777200
777300	1900D	7378MAX	757PW	767CF6	7773ER	7878R	A319-131	A320-211	A320-232
A321-232	A330-301	A330-343	A340-211	BD-700-1A10	BD-700-1A11	BEC58P	CIT3	CL600	CL601
CNA172	CNA182	CNA206	CNA208	CNA20T	CNA441	CNA500	CNA510	CNA525C	CNA55B
CNA560U	CNA560XL	CNA680	CNA750	COMSEP	CRJ9-ER	DC1030	DC870	DHC6	DHC8
DHC830	DO328	ECLIPSE50	EMB145	EMB175	EMB190	GASEPF	GASEPV	GIIB	GIV
GV	IA1125	LEAR25	LEAR35	MD83	MD9025	MU3001	PA28	T41	

*use of the modified 3.5 degree glide slope arrival profile with the updated 737800 ANP data as approved in 1), is approved.

Please understand that this approval is limited to this particular 14 CFR Part 150 NEM/NCP update for San Diego International Airport, and for use with AEDT 2d only. Further non-standard AEDT inputs for additional projects at this or any other site will require separate approval.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Donald Scata', written over a light blue circular stamp.

Donald Scata
Manager
AEE-100/Noise Division

cc: Mike Hines APP-400