

DME DME Assessment Results for LUNNI2 path ESENT_LUNNI_

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KJAX STARS\KJAX LUNNI (RNAV) STAR\KJAX LUNNI2 (RNAV) STAR DME 06 FEB 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KJAX STARS\KJAX LUNNI (RNAV) STAR\FOR SUBMITTAL\DME\KJAX [IFPA] LUNNI2 20240206_0923 EST\ESENT_LUNNI_KJAX LUNNI2 RNAV STAR ESENT LUNNI 20240206_0923 EST.pdf
Procedure Name:	LUNNI2
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/06/2024 09:23 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
ESENT	WP	N32° 09' 28.13", W080° 55' 03.78"	15000	VNAV	240	FLY_BY	TF
BENTZ	WP	N31° 52' 13.64", W081° 00' 26.36"	15000	VNAV	240	FLY_BY	TF
CATSU	WP	N31° 13' 28.44", W081° 12' 41.79"	8000	VNAV	240	FLY_BY	TF
GOTBE_	WP	N30° 54' 57.44", W081° 16' 32.36"	8000	VNAV	240	FLY_BY	TF
LUNNI_	WP	N30° 50' 01.42", W081° 17' 33.53"	8000	VNAV	240	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KJAX [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

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DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SSI	N31° 03' 01.85", W081° 26' 45.47"	4.0 W	40	L	IFPA	NO	Enabled	71.2 %	71.2 %
2	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	15.8 %	15.8 %
3	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	IFPA	NO	Enabled	47.3 %	47.3 %
4	SAV	N32° 08' 46.56", W081° 11' 56.78"	6.0 W	130	H	IFPA	NO	Enabled	49.2 %	49.2 %
5	CHS	N32° 53' 39.55", W080° 02' 16.13"	5.0 W	130	H	IFPA	NO	Enabled	22.9 %	22.9 %
6	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	IFPA	NO	Enabled	88.8 %	88.8 %
7	AYS	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	L	IFPA	NO	Enabled	20.9 %	20.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SSI	SAV	CHS	AMG		
5.0	CHS	SAV	AMG			
5.6	SSI	SAV	CHS	AMG		
10.6	CHS	SAV	AMG			
13.3	CHS	SAV	AMG	CRG		
18.7	AMG	SAV				
33.3	AMG	SAV	SSI			
40.2	AMG	SSI				
48.4	CRG	AMG	SSI			
50.5	CRG	AMG	AYS	SSI		
67.6	CRG	AMG	SSI			
68.7	CRG	AMG	SSI	TAY		
72.6	CRG	SSI	TAY			

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Inertial Drift Segments

#	Start Location	End Location	Length [NM]
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Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
ESENT	BENTZ	SSI, SAV, CRG, AMG, CHS	
BENTZ	CATSU	SSI, SAV, CRG, AMG, AYS, CHS	
CATSU	GOTBE	SSI, CRG, AYS, AMG, TAY	
GOTBE	LUNNI	SSI, CRG, TAY	

User Data Files

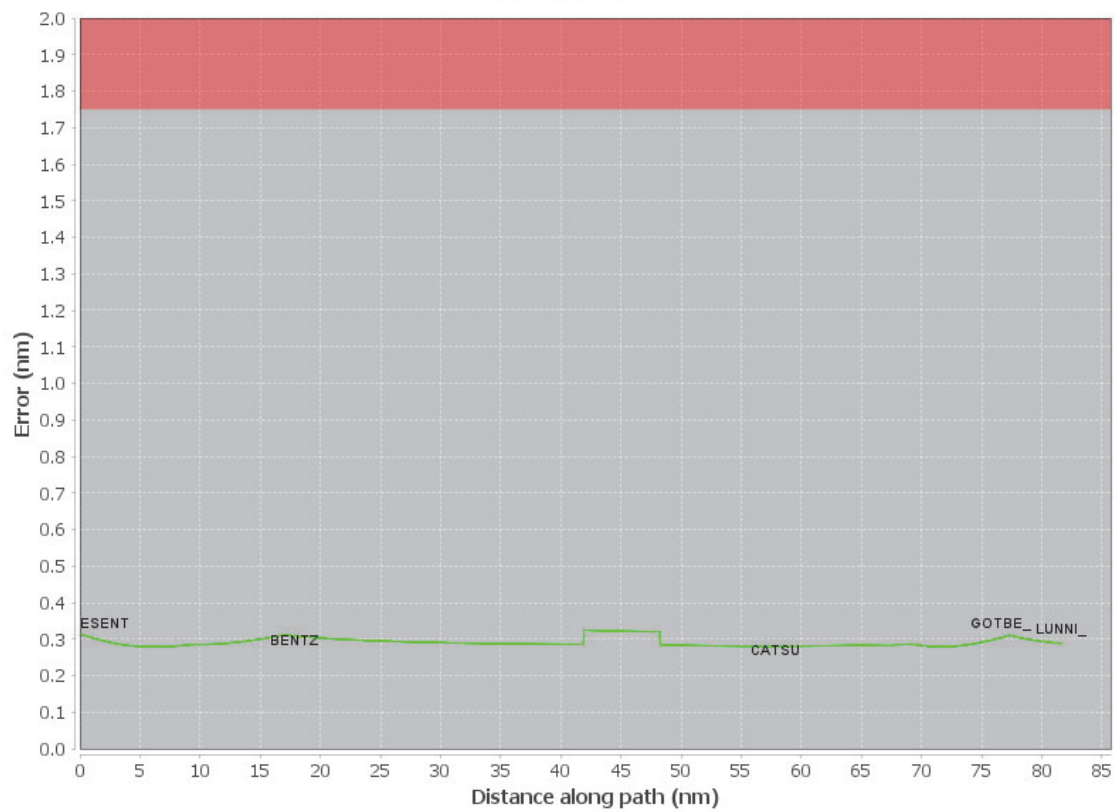
#	File Name
	None

User DMEs

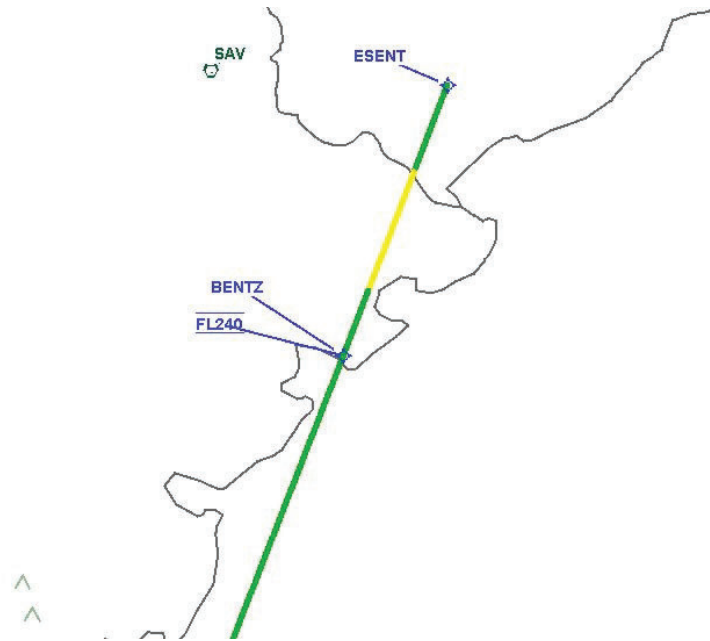
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	AMG FAA 704195-17 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-17	
ESV:		Bearing [True]: 56.0° to 118.0° Bearing [Mag]: 56.0° to 118.0°				Arc Distance: Out to 84.0 NM Altitude: 7000.0 to 19000.0 ft		
2	SSI FAA 712190-17 SSI [IFPA]	N31° 03' 01.85", W081° 26' 45.47"	4.0 W	40	5.9	109.8	SSI FAA 712190-17	
ESV:		Bearing [True]: 356.0° to 26.0° Bearing [Mag]: 360.0° to 30.0°				Arc Distance: Out to 91.0 NM Altitude: 6000.0 to 15000.0 ft		
3	CRG FAA 698166-25 CRG [IFPA]	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	41.9	114.5	CRG FAA 698166-25	
ESV:		Bearing [True]: 5.0° to 30.0° Bearing [Mag]: 8.0° to 33.0°				Arc Distance: Out to 65.0 NM Altitude: 6000.0 to 18000.0 ft		
4	TAY FAA 720642-25 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
5	AYS FAA 698108-7 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-7	
ESV:		Bearing [True]: 85.0° to 100.0° Bearing [Mag]: 85.0° to 100.0°				Arc Distance: Out to 75.0 NM Altitude: 7500.0 to 14500.0 ft		

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DME Error

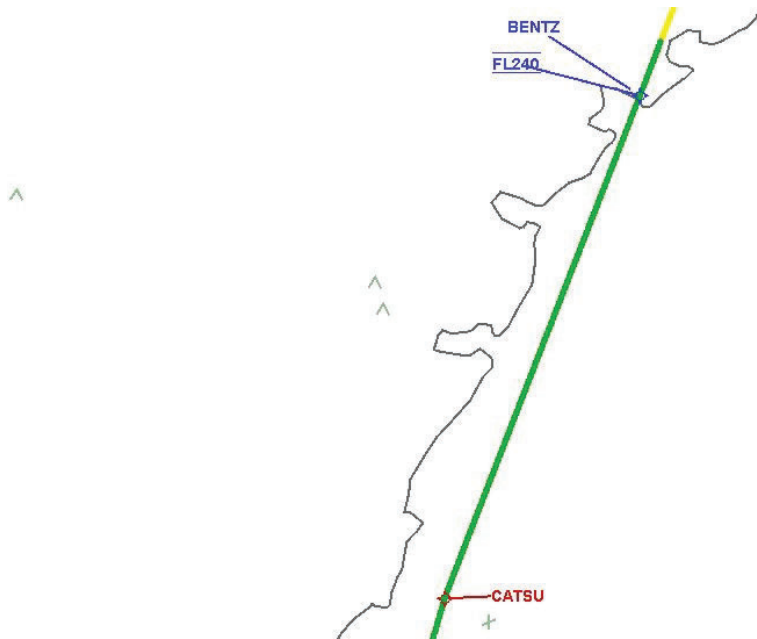


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Graphic Depiction 2



DME DME Assessment Results for LUNNI2 path ESENT_LUNNI_

Graphic Depiction 3

