

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\JINOS_CAMJO\KRSW CSHEL7 SID JINOS CAMJO 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
JINOS	WP	N28° 28' 46.00", W082° 08' 52.00"	10000	VNAV	200	FLY_BY	TF
DOFFY	WP	N29° 15' 22.73", W082° 31' 38.10"	10000	VNAV	200	FLY_BY	TF
CAMJO	WP	N30° 30' 32.00", W082° 41' 11.00"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	7.1 %	7 %
2	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	65 %	65.1 %
3	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	41.3 %	41.3 %
4	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	2.8 %	2.8 %
5	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	1.5 %	1.5 %
6	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	59.8 %	59.8 %
7	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	62.9 %	62.9 %
8	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	51.9 %	51.9 %
9	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	60.8 %	60.8 %
10	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	29.9 %	29.9 %
11	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MLB	SRQ	OCF	OMN	LAL	
1.2	MLB	SRQ	OMN	LAL		
3.8	MLB	SRQ	OMN	LAL	OCF	
8.9	MLB	SRQ	OCF	OMN		
25.4	OCF	MLB	TAY	OMN	SRQ	
35.1	OCF	MLB	SRQ			
37.8	TAY	OMN	SRQ	OCF		
39.5	OMN	GNV	TAY	OCF	SRQ	
46.2	OCF	GNV	CTY	SRQ		
52.1	CTY	GNV	OCF	TAY	OMN	
66.6	OCF	GNV	CTY			
69.1	TAY	CTY	OCF	GNV	OMN	
79.3	TAY	GNV	CTY	OMN		
86.7	TAY	GNV	CTY			
101.7	TAY	GNV				
104.4						
111.6	GNV	TAY				
116.0	GNV	TAY	CTY			
122.5	GNV	TAY	CTY	OTK		
124.1	GNV	TAY	CTY	OTK	PZD	
125.9	CTY	OTK	PZD	GNV		
126.0	CTY	OTK	TAY	GNV	PZD	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 09' 00.48", W082° 38' 25.42"	N30° 16' 08.78", W082° 39' 20.20"	7.1653

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
JINOS	DOFFY	OMN, MLB, SRQ, OCF, LAL, CTY, TAY, GNV	
DOFFY	CAMJO	OMN, OCF, SRQ, OTK, CTY, PZD, TAY, GNV	

User Data Files

#	File Name
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None	
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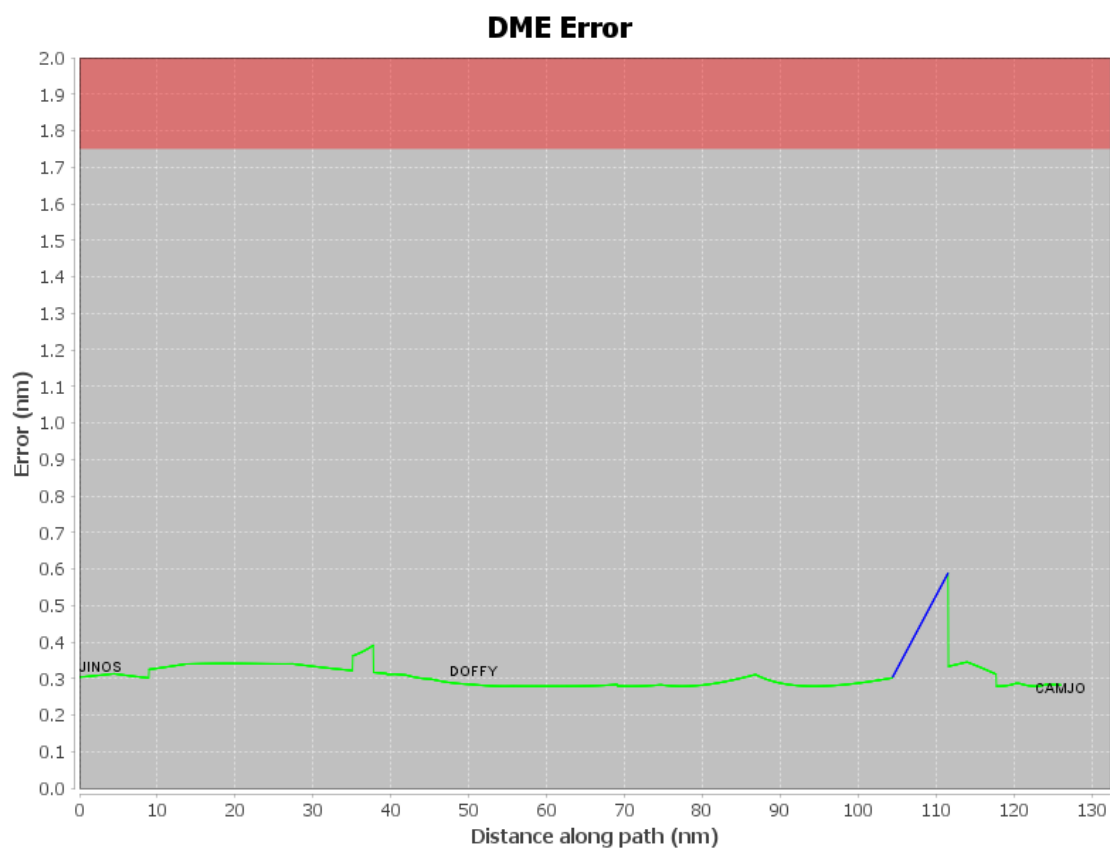
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

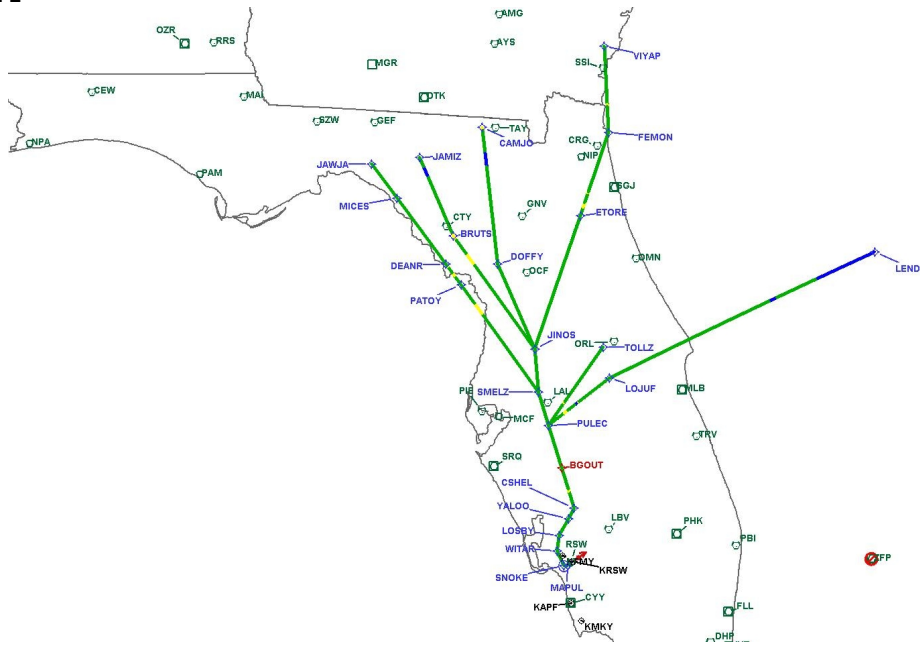
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
	ESV:	Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO



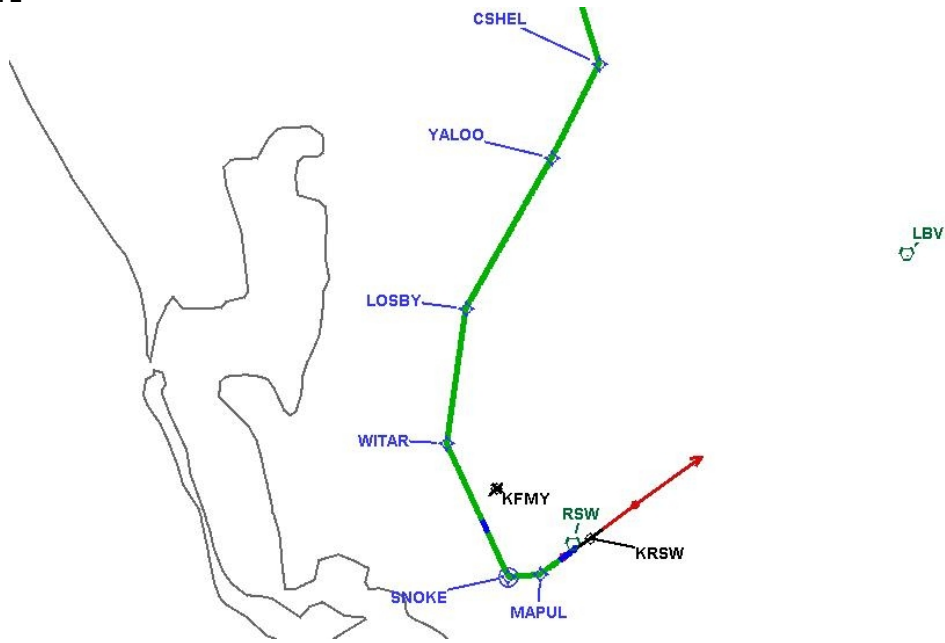
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 1



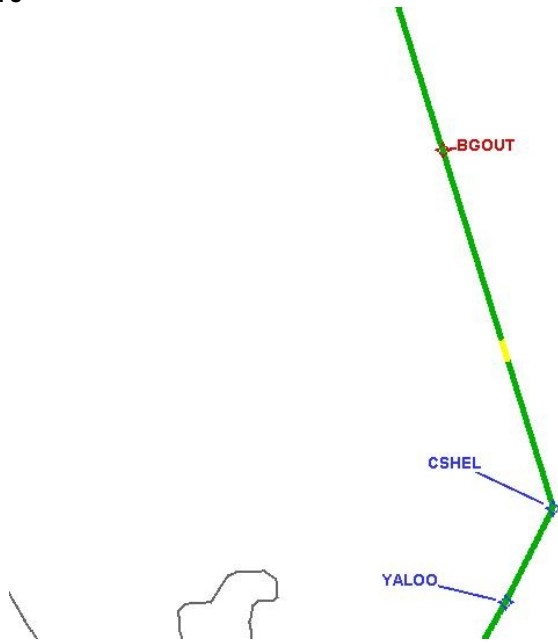
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 2



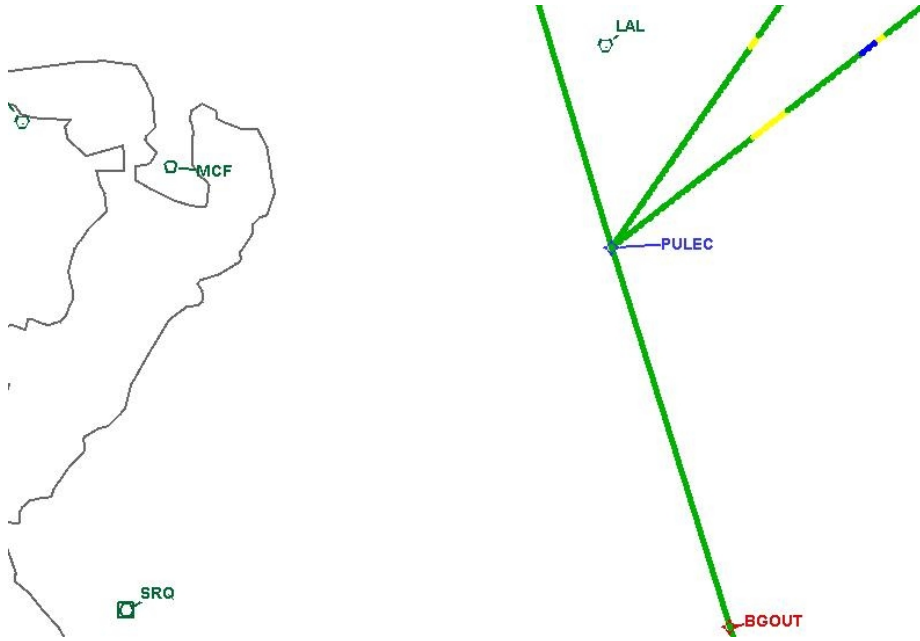
Graphic Depiction 3

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO



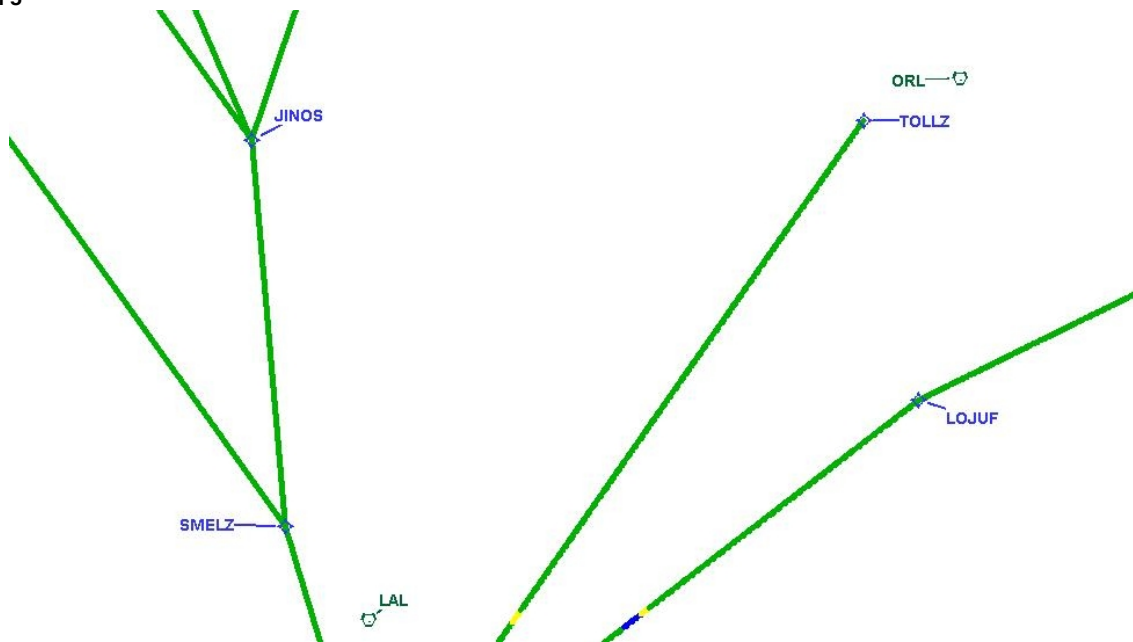
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 4



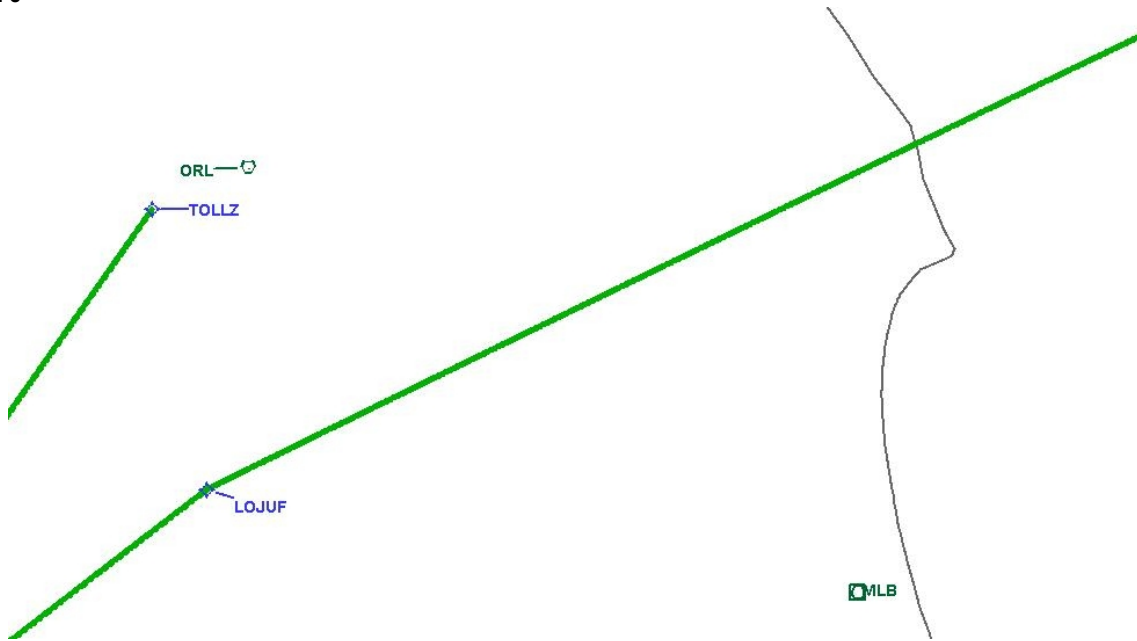
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 5



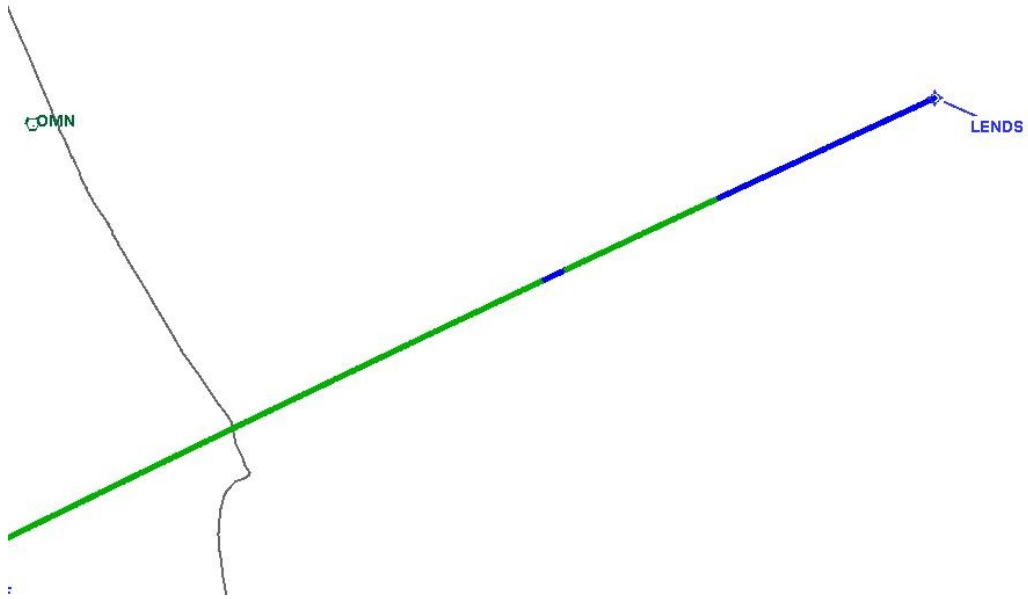
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 6



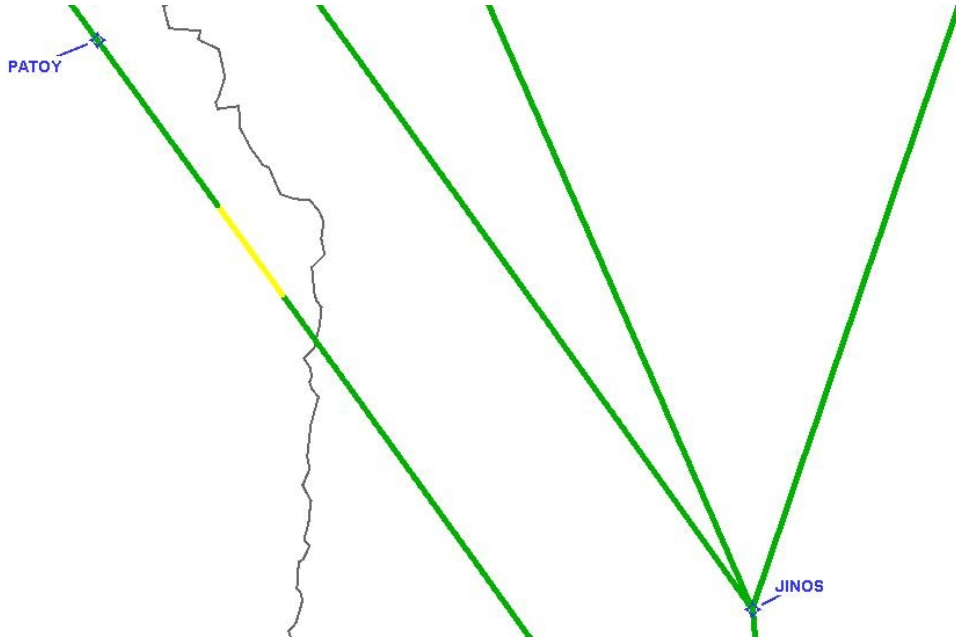
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 7



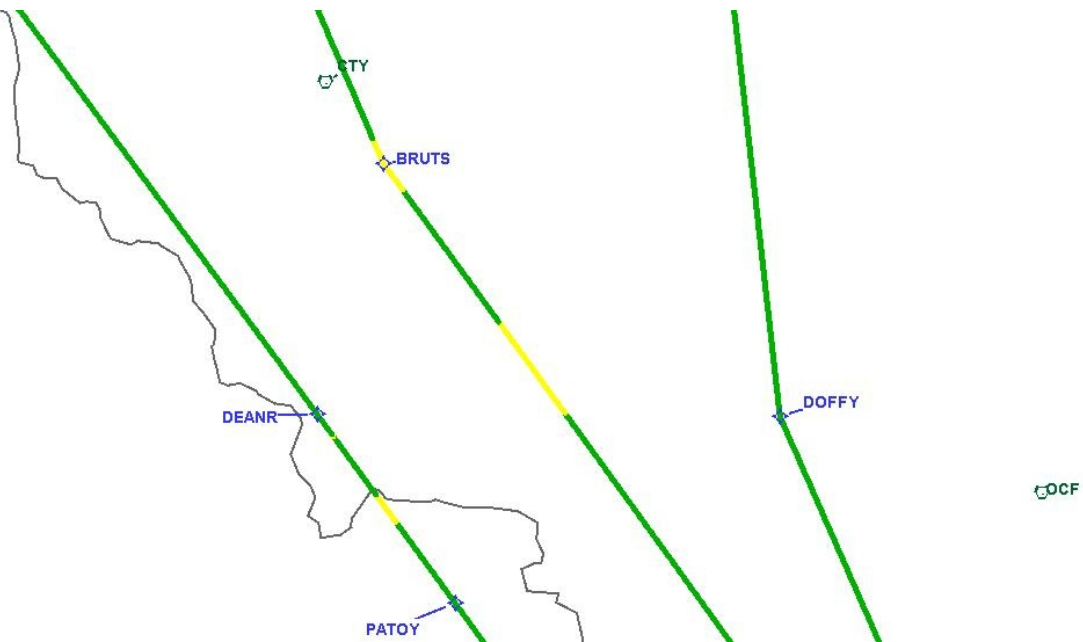
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 8



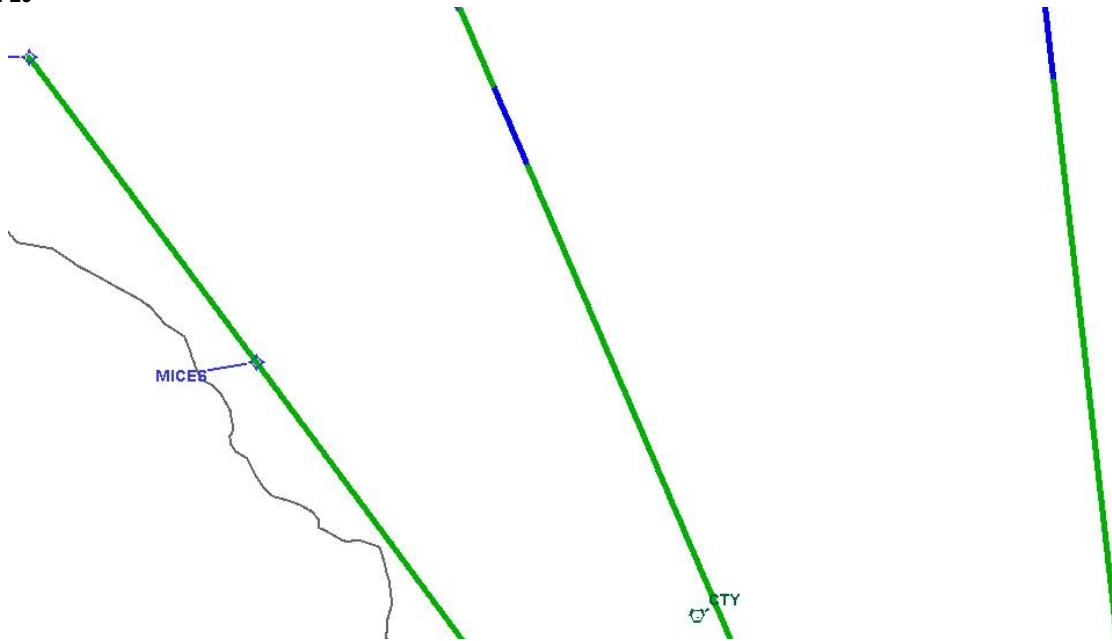
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 9



DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

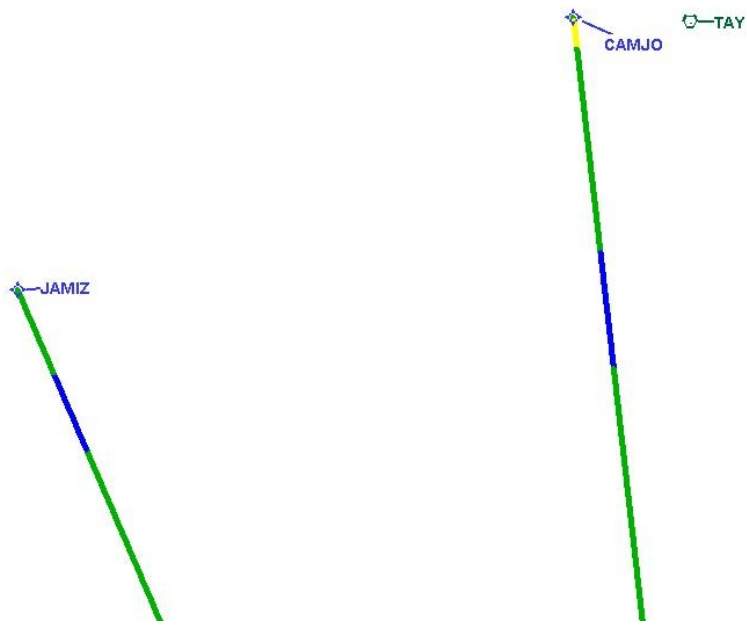
Graphic Depiction 10



Graphic Depiction 11

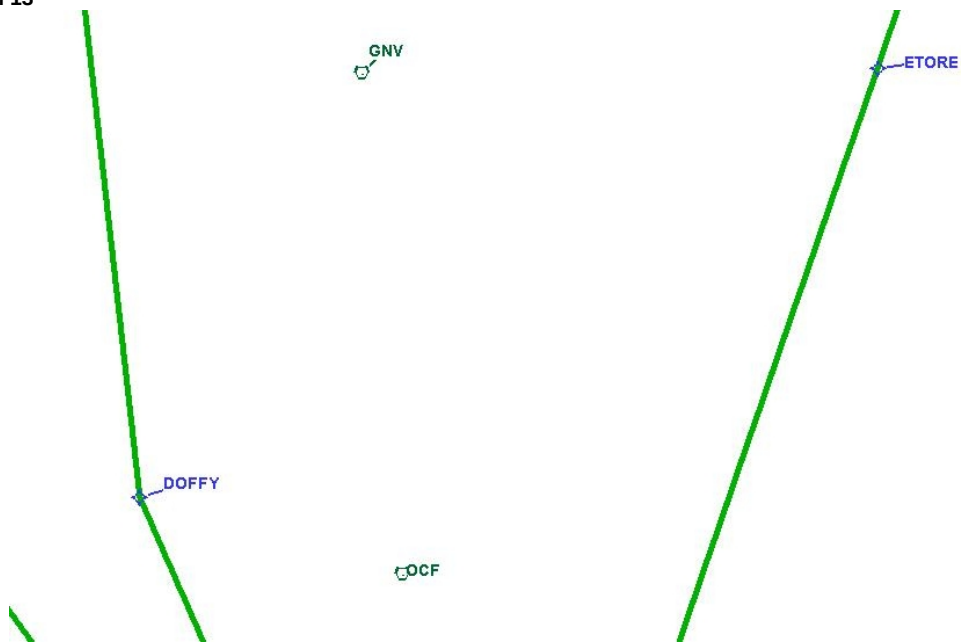


DME DME Assessment Results for CSHEL7 path JINOS_CAMJO



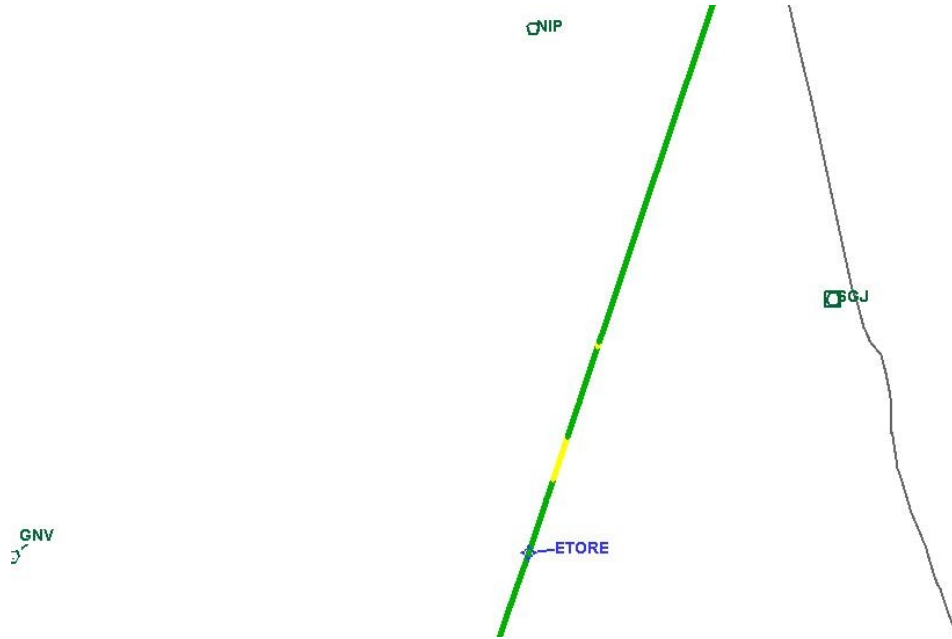
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 13



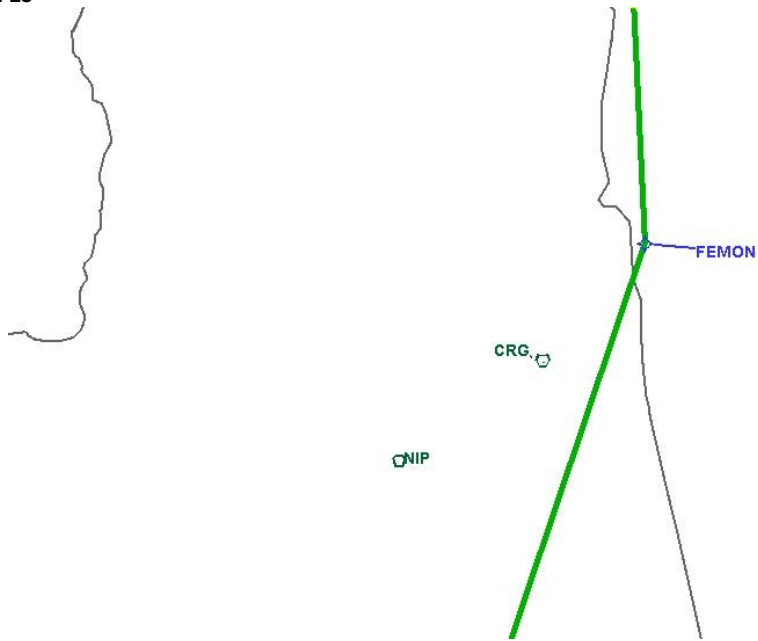
Graphic Depiction 14

DME DME Assessment Results for CSHEL7 path JINOS_CAMJO



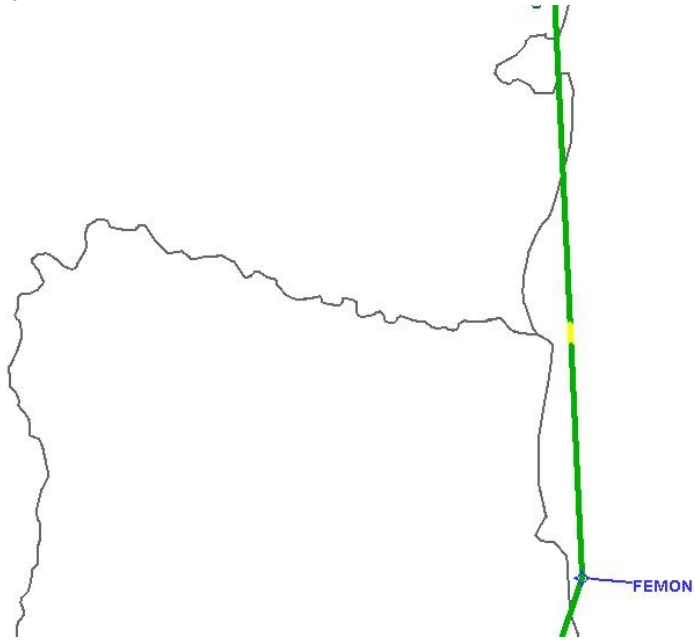
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 15



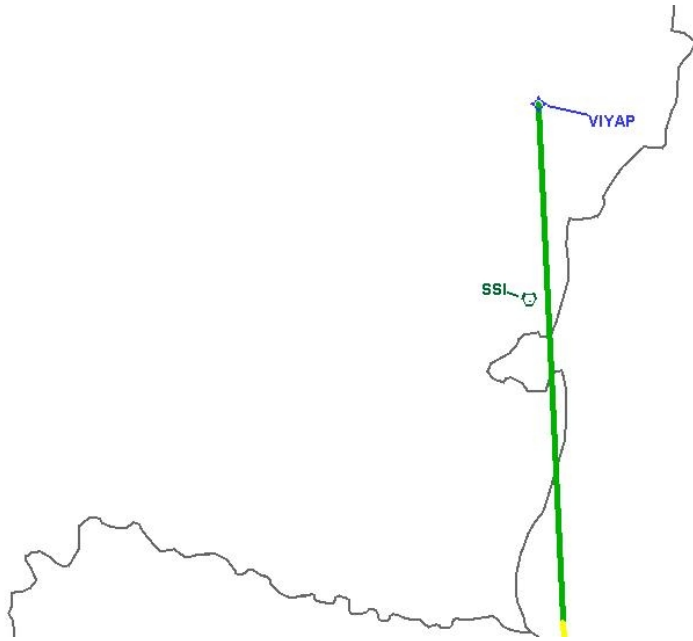
DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 16



DME DME Assessment Results for CSHEL7 path JINOS_CAMJO

Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\JINOS_JAMIZ\KRSW CSHEL7 SID JINOS JAMIZ 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
JINOS	WP	N28° 28' 46.00", W082° 08' 52.00"	10000	VNAV	200	FLY_BY	TF
BRUTS	WP	N29° 30' 58.00", W082° 58' 57.00"	10000	VNAV	200	FLY_BY	TF
JAMIZ	WP	N30° 13' 46.91", W083° 19' 27.78"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	7.1 %	7.1 %
2	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	59.1 %	59.1 %
3	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	47.3 %	47.3 %
4	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	0.8 %	0.8 %
5	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	4.6 %	4.6 %
6	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled	4.6 %	4.6 %
7	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	43.6 %	43.6 %
8	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	43.3 %	43.3 %
9	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	50.5 %	50.5 %
10	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	52.7 %	52.6 %
11	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	27.4 %	27.4 %
12	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MLB	SRQ	OCF	OMN	LAL	
1.6	MLB	SRQ	OMN	LAL		
5.2	OMN	LAL	MLB	SRQ	OCF	
8.7	MLB	SRQ	OCF	OMN		
29.1	OMN	SRQ	OCF	MLB	TAY	
30.5	OCF	MLB	SRQ			
33.6	TAY	OMN	SRQ	OCF		
42.4	OCF	CTY	OMN	TAY	SRQ	
56.4	TAY	OCF	OMN	CTY		
56.5	TAY	OCF	CTY			
57.1	CTY	GNV	OCF	SRQ		
58.7	CTY	GNV	OCF			
64.0	GNV	CTY	TAY	OCF		
68.2	GNV	CTY	TAY			
77.6	TAY	GNV				
84.9	GNV	CTY	TAY			
110.0	TAY	CTY				
110.5	TAY	CTY	PZD			
111.5						
116.7	GEF	OTK				
122.3	GEF	OTK	PZD			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 03' 49.66", W083° 14' 39.91"	N30° 08' 35.99", W083° 16' 57.79"	5.1613

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
JINOS	BRUTS	OMN, MLB, SRQ, OCF, LAL, CTY, TAY, GNV	
BRUTS	JAMIZ	OTK, CTY, GEF, PZD, TAY, GNV	

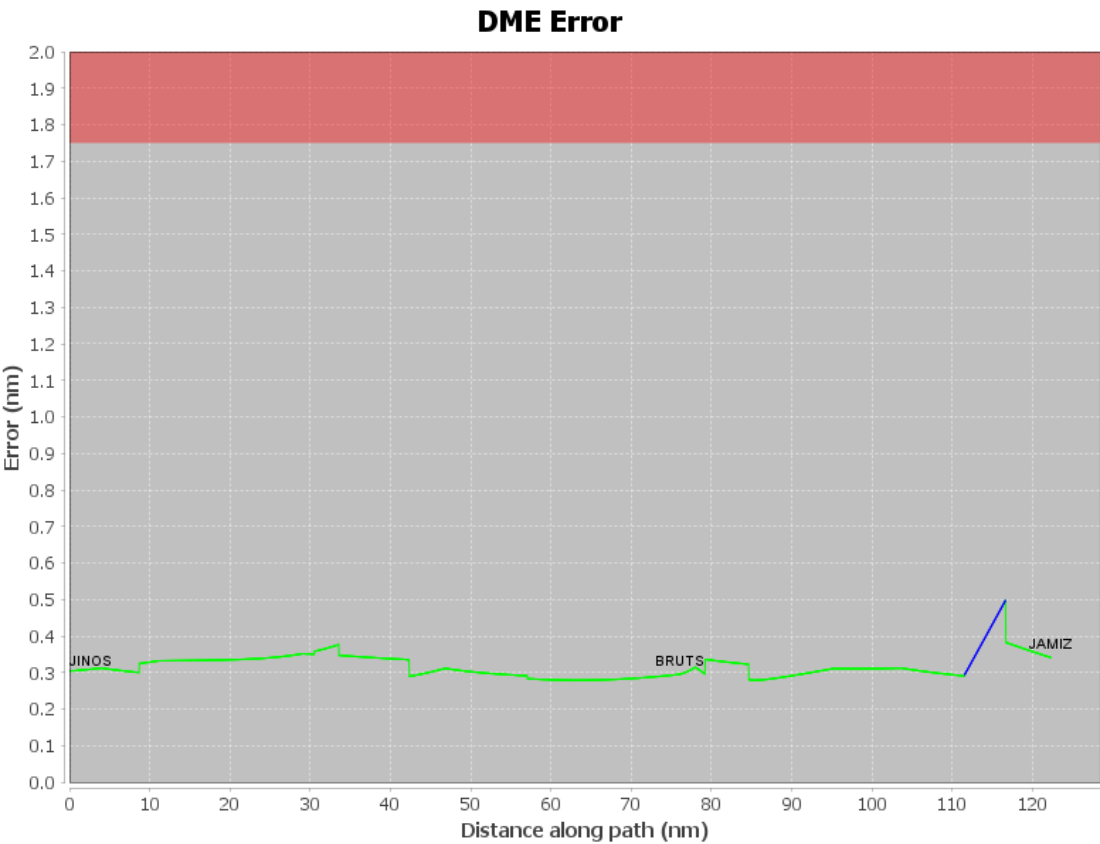
User Data Files	
#	File Name
None	

DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

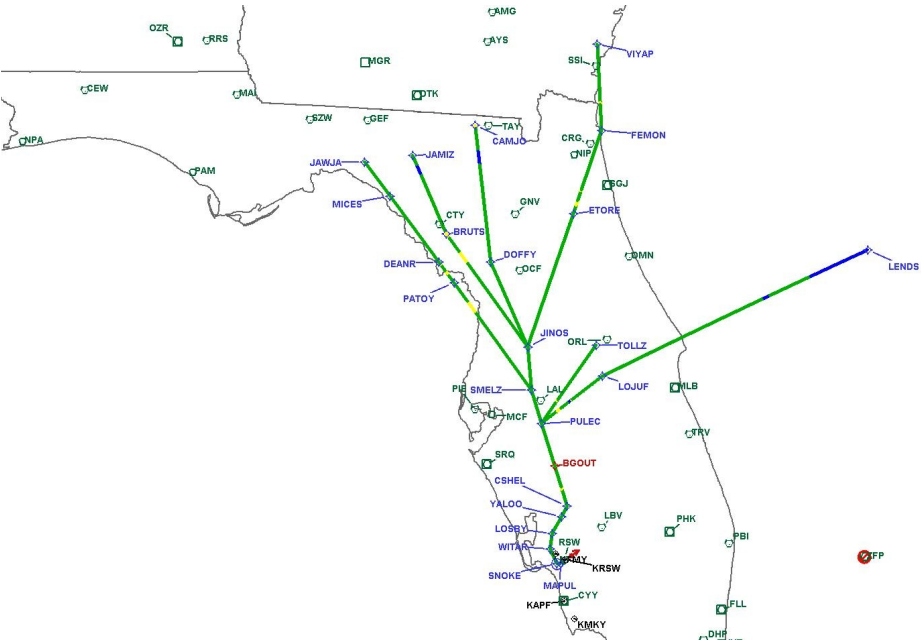
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
ESV:		Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
ESV:		Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		



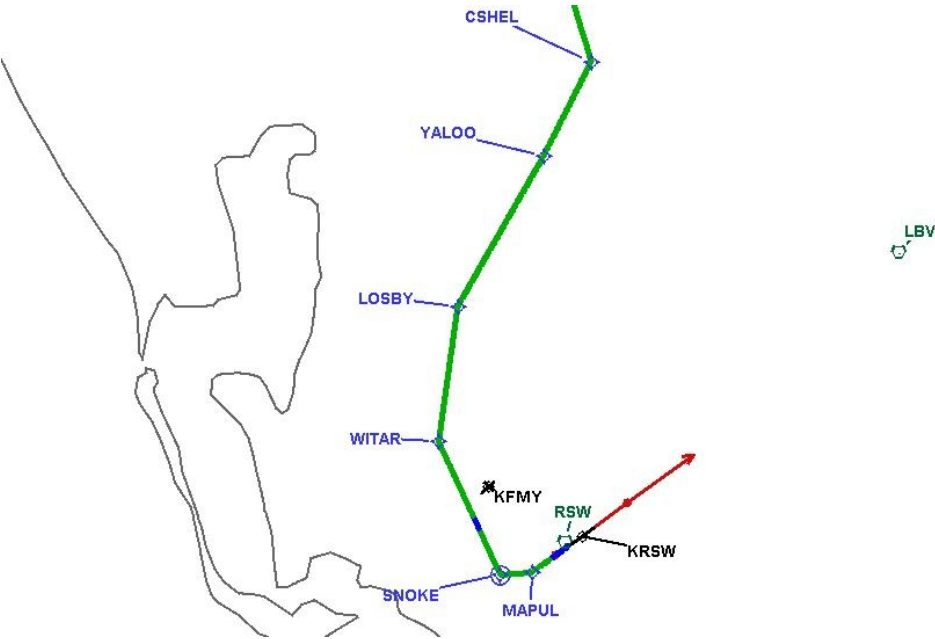
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 1



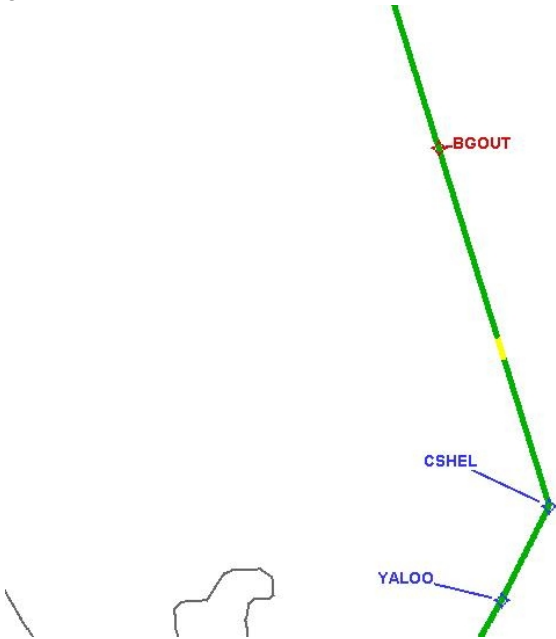
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 2



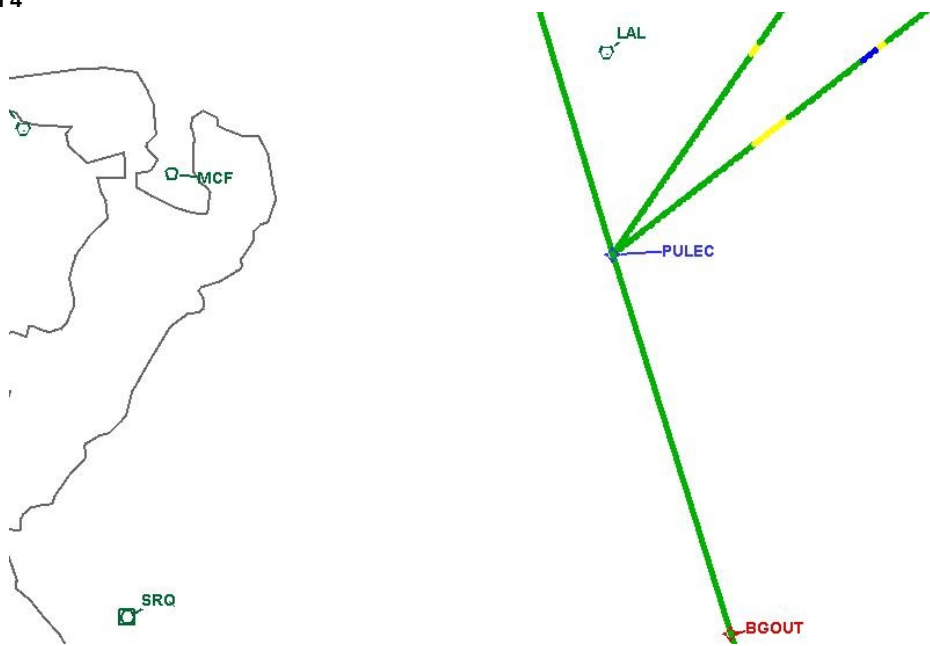
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 3



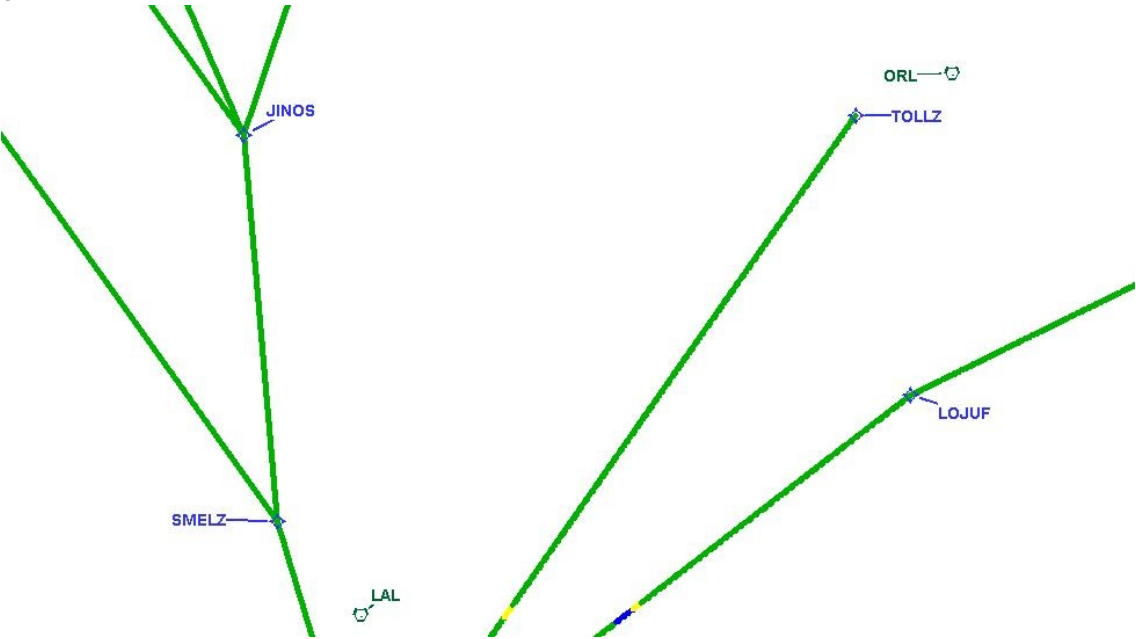
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 4

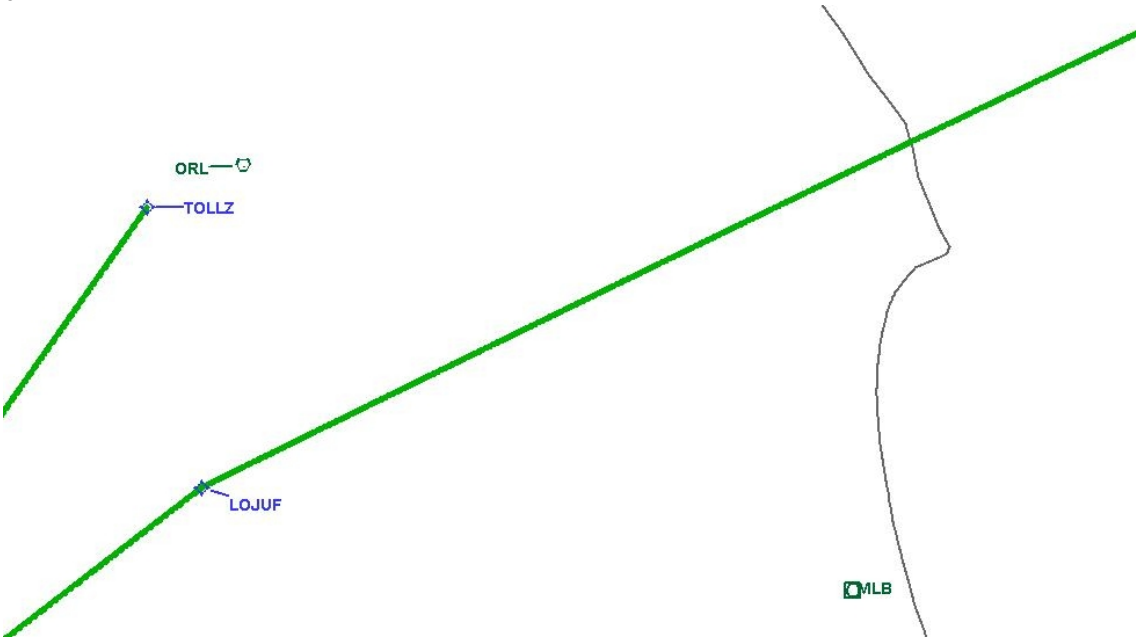


DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

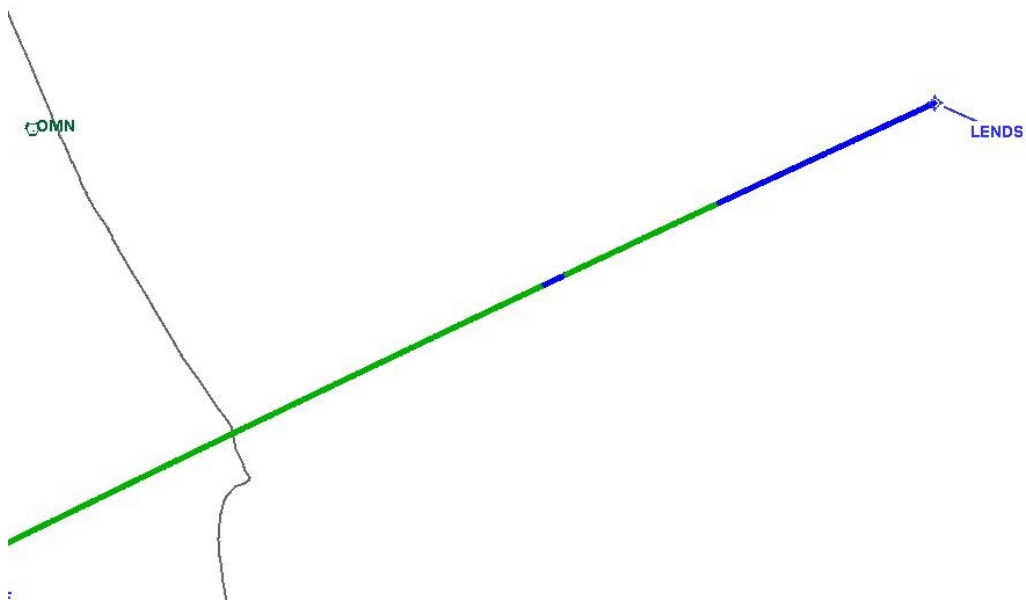
Graphic Depiction 5



Graphic Depiction 6



Graphic Depiction 7



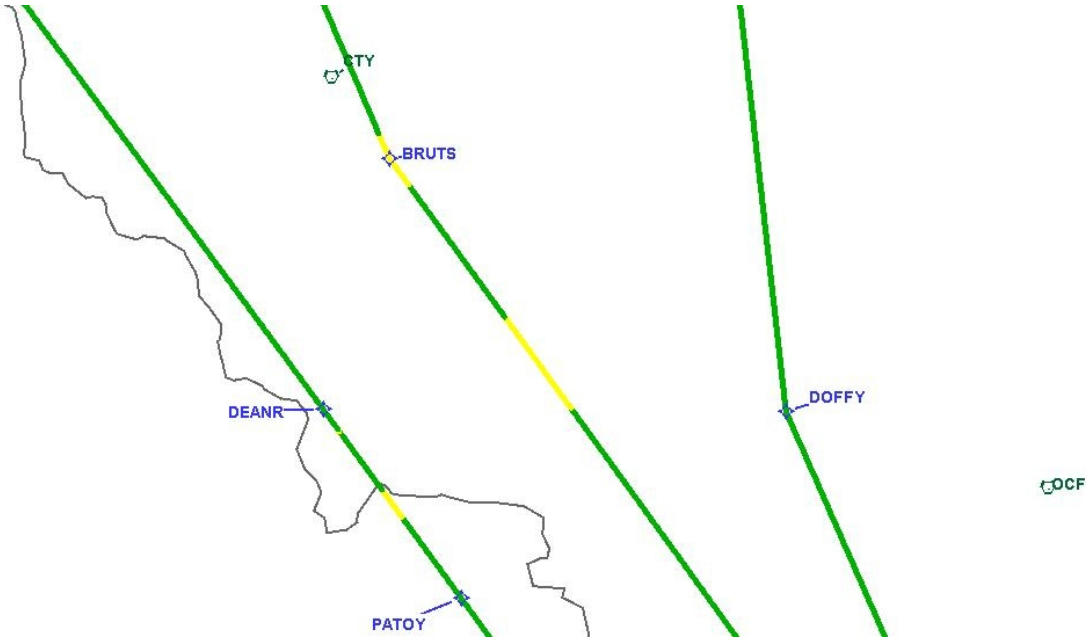
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 8



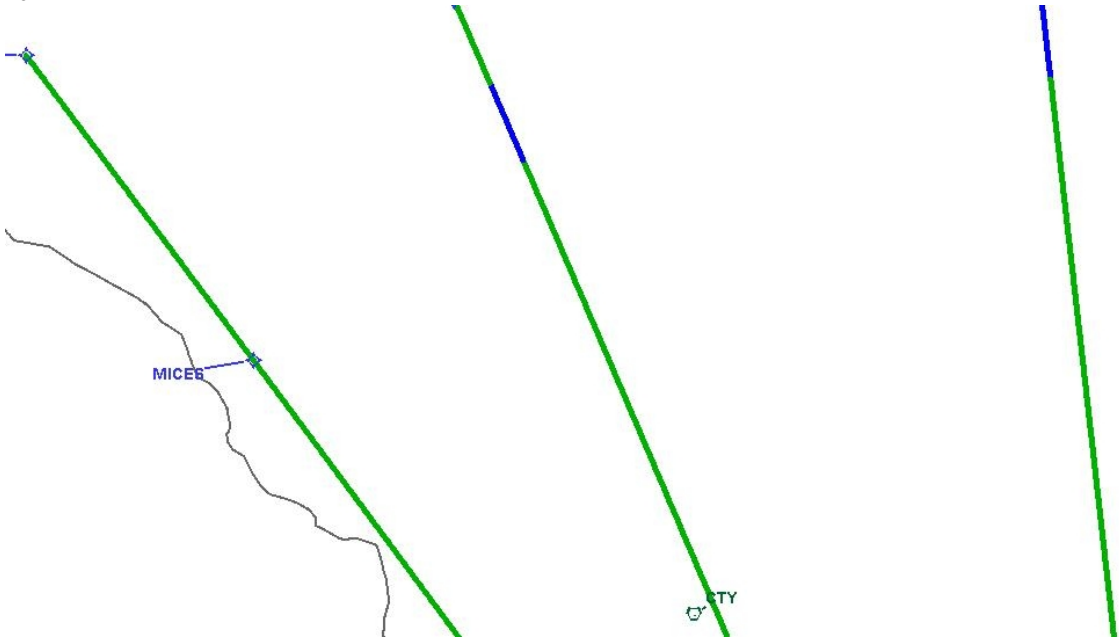
DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 9

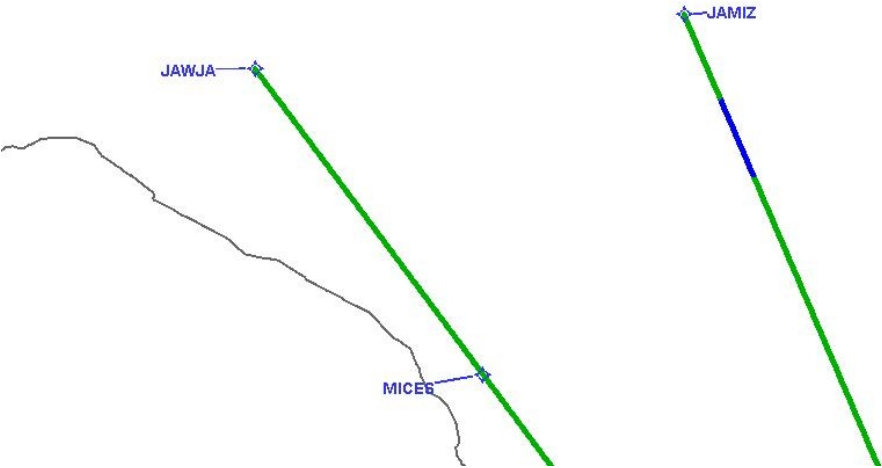


DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

Graphic Depiction 10

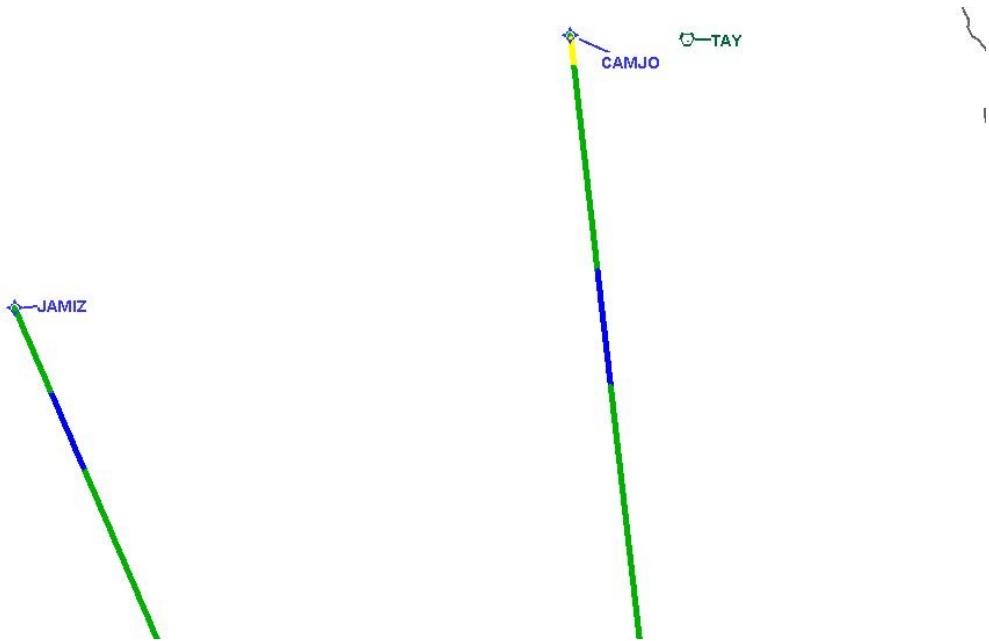


Graphic Depiction 11

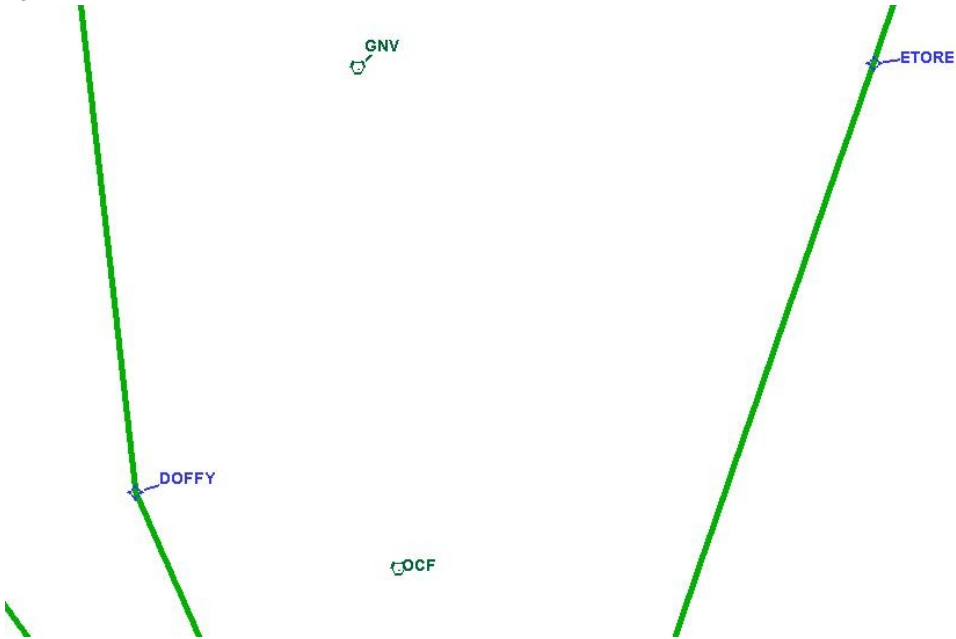


DME DME Assessment Results for CSHEL7 path JINOS_JAMIZ

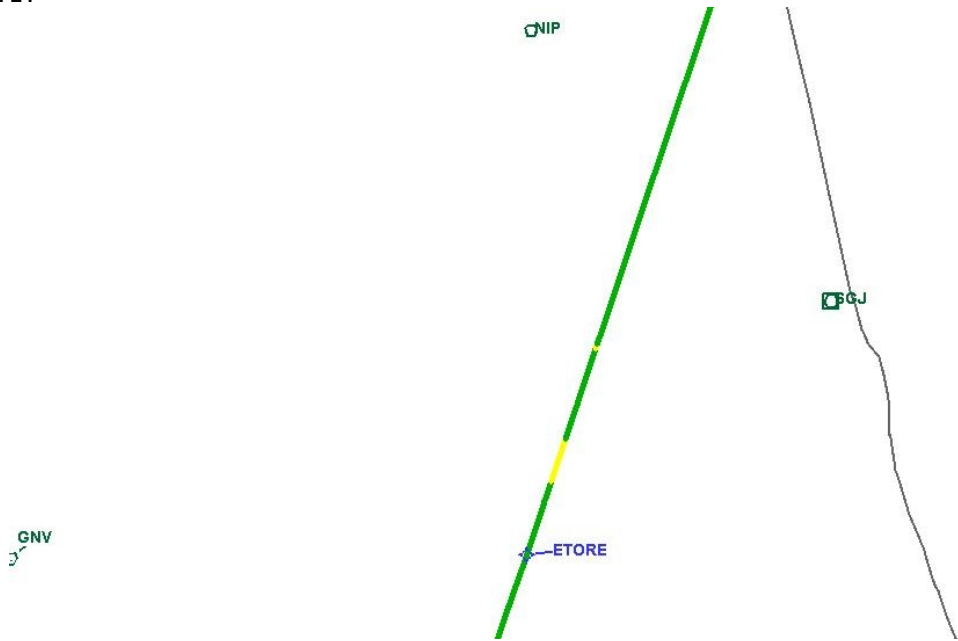
Graphic Depiction 12



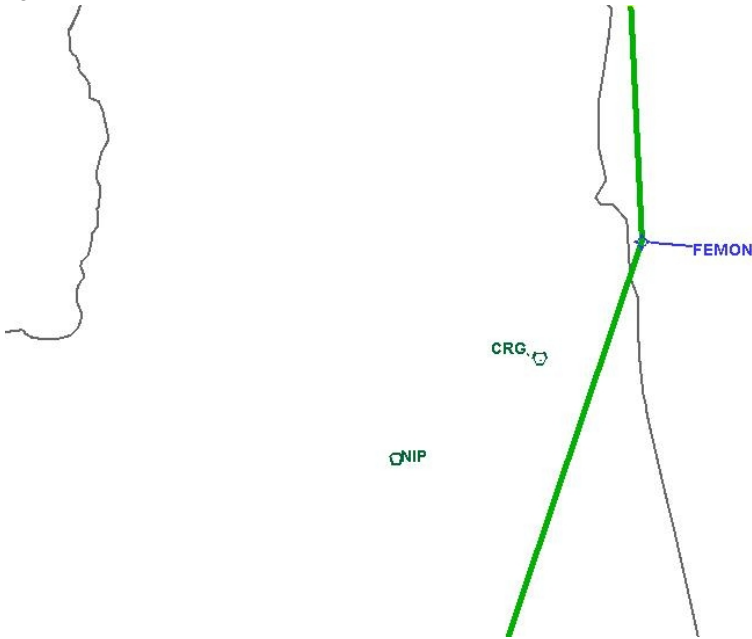
Graphic Depiction 13



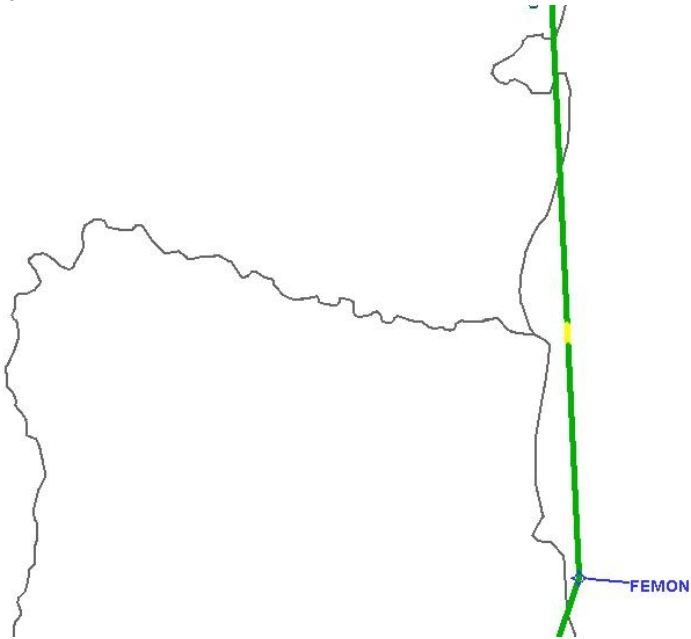
Graphic Depiction 14



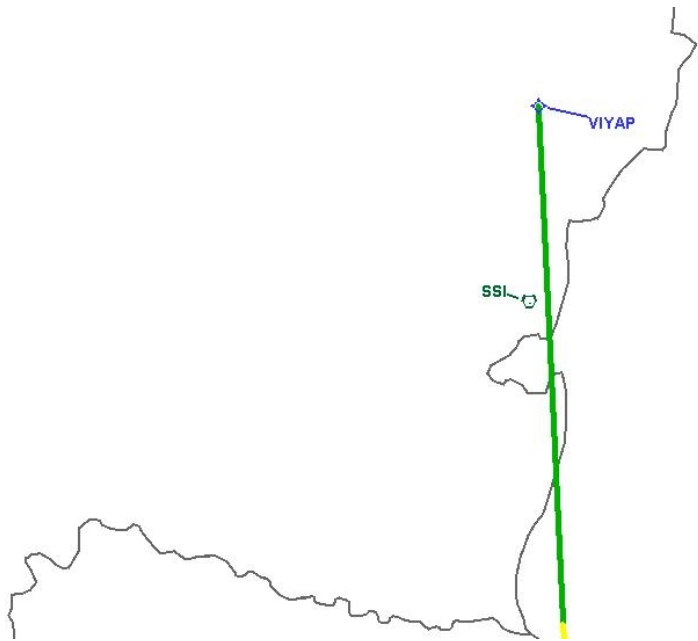
Graphic Depiction 15



Graphic Depiction 16



Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\KRSW-RW24-DER_JAWJA\KRSW CSHEL7 SID RW24 JAWJA 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KRSW:RW24:DER	WP	N26° 31' 35.35", W081° 46' 12.07"	26.6	VNAV	130	FLY_OVER	TF
MAPUL	WP	N26° 29' 56.53", W081° 48' 43.76"	888.6	VNAV	200	FLY_BY	TF
SNOKE	WP	N26° 29' 48.12", W081° 50' 57.19"	1800	VNAV	220	FLY_OVER	TF
WITAR	WP	N26° 37' 59.82", W081° 55' 11.52"	3602.4	VNAV	220	FLY_BY	TF
LOSBY	WP	N26° 46' 18.14", W081° 53' 53.36"	5275	VNAV	220	FLY_BY	TF
YALOO	WP	N26° 55' 35.85", W081° 47' 56.89"	6000	VNAV	220	FLY_BY	TF
CSHEL	WP	N27° 01' 24.32", W081° 44' 40.82"	6000	VNAV	200	FLY_BY	TF
BGOUT	WP	N27° 23' 26.44", W081° 52' 18.13"	6000	VNAV	200	FLY_BY	TF
PULEC	WP	N27° 46' 45.95", W082° 00' 25.70"	8000	VNAV	200	FLY_BY	TF
SMELZ	WP	N28° 04' 59.00", W082° 06' 34.00"	10000	VNAV	200	FLY_BY	TF
PATTOY	WP	N29° 03' 52.49", W082° 54' 00.09"	10000	VNAV	200	FLY_BY	TF
DEANR	WP	N29° 15' 30.40", W083° 03' 30.24"	10000	VNAV	200	FLY_BY	TF
MICES	WP	N29° 51' 37.65", W083° 33' 18.30"	10000	VNAV	200	FLY_BY	TF
JAWJA	WP	N30° 10' 25.55", W083° 48' 58.94"	10000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 530.0 ft MSL 200.0 ft/NM							

DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Flyability	
Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	500.0 ft/NM up to 530.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

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:	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:	ZFP

DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	66.2 %	66.1 %
2	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	IFPA	NO	Enabled	13.7 %	14.3 %
3	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	10.6 %	10.5 %
4	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	27.1 %	26.9 %
5	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	15.5 %	16.5 %
6	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	24.6 %	24.4 %
7	CYY	N26° 09' 12.34", W081° 46' 41.17"	3.0 W	25	T	IFPA	NO	Enabled	2.4 %	2.4 %
8	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	29.6 %	29.4 %
9	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	64.6 %	64.9 %
10	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	7.3 %	7.2 %
11	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled	7 %	6.9 %
12	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	7.3 %	7.2 %
13	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	18.1 %	18 %
14	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	26.9 %	26.6 %
15	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	19.2 %	20.1 %
16	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	15.3 %	15.2 %
17	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	38.6 %	38.3 %
18	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled	0.8 %	0.7 %
19	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.4	LBV	CYY				
3.6	RSW	CYY	LBV			
4.9	LBV	CYY				
7.8						
8.6	RSW	LBV				
12.2	LBV	SRQ	RSW			
15.8	LBV	SRQ	RSW	PHK		
24.0	LAL	LBV	PHK	RSW	SRQ	
28.0	RSW	LBV	SRQ			
29.3	PHK	RSW	LAL	LBV	SRQ	
48.9	RSW	SRQ	LBV	MLB		
50.2	LAL	SRQ	PHK			
53.5	LBV	MLB	LAL	SRQ	PHK	
55.8	LBV	MLB	SRQ			
58.0	LAL	SRQ	MLB			
71.1	LAL	SRQ	MLB	MCF		
87.4	LAL	MCF	PIE	MLB	SRQ	
95.8	OCF	MCF	PIE	MLB	SRQ	
101.7	LAL	SRQ	MCF	MLB	PIE	
134.1	MLB	MCF	SRQ	LAL		
134.5	MLB	SRQ	LAL			
137.7	OMN	LAL	MLB	SRQ		
147.1	LAL	OCF	OMN	MLB	SRQ	
149.9	LAL	OCF	MLB	SRQ		
150.3	OCF	MLB	SRQ			
151.7	LAL	OCF	SRQ			
158.5	LAL	OCF	OMN	SRQ		
161.6	LAL	OCF	OMN	SRQ	TAY	
165.2	LAL	OCF	SRQ	TAY		
171.8	OCF	CTY	LAL	SRQ	TAY	
178.7	TAY	LAL				
183.8	OCF	CTY	TAY	SRQ	LAL	
185.8	TAY	LAL				
190.3	TAY	LAL	CTY	SRQ		
190.4	LAL	GNV	CTY	SRQ	TAY	
190.5	LAL	GNV	CTY	TAY		
207.8	TAY	GNV				
210.9	TAY	GNV	CTY			
224.9	OTK	GNV	CTY	TAY		
237.9	OTK	GNV	CTY			
240.8	OTK	GNV	CTY	PZD		
241.6	OTK	GNV	CTY	GEF	PZD	
244.9	OTK	GNV	GEF	PZD		
250.0	OTK	CTY	GNV	GEF	PZD	
252.2	GNV	GEF	CTY	PZD		
257.7	GNV	GEF	SZW	CTY	PZD	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 31' 34.08", W081° 46' 14.02"	N26° 30' 45.76", W081° 47' 28.21"	1.3688
2	N26° 32' 30.93", W081° 52' 21.33"	N26° 33' 17.44", W081° 52' 45.38"	0.8525

DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KRSW:RW24:DER	MAPUL	LBV, CYV	
MAPUL	SNOKE	LBV, CYV, RSW	
SNOKE	WITAR	LBV, CYV, SRQ, RSW	
WITAR	LOSBY	LBV, PHK, SRQ, RSW	
LOSBY	YALOO	LBV, PHK, SRQ, LAL, RSW	
YALOO	CSHEL	LBV, PHK, SRQ, LAL, RSW	
CSHEL	BGOUT	LBV, PHK, MLB, SRQ, LAL, RSW	
BGOUT	PULEC	MCF, MLB, SRQ, LAL	
PULEC	SMELZ	MCF, MLB, SRQ, OCF, LAL, PIE	
SMELZ	PATOT	MCF, OMN, MLB, SRQ, OCF, LAL, CTY, PIE, TAY	
PATOT	DEANR	OCF, SRQ, LAL, CTY, TAY, GNV	
DEANR	MICES	LAL, OTK, CTY, TAY, GNV	
MICES	JAWJA	SZW, OTK, CTY, GEF, PZD, TAY, GNV	

User Data Files	
#	File Name
None	

DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

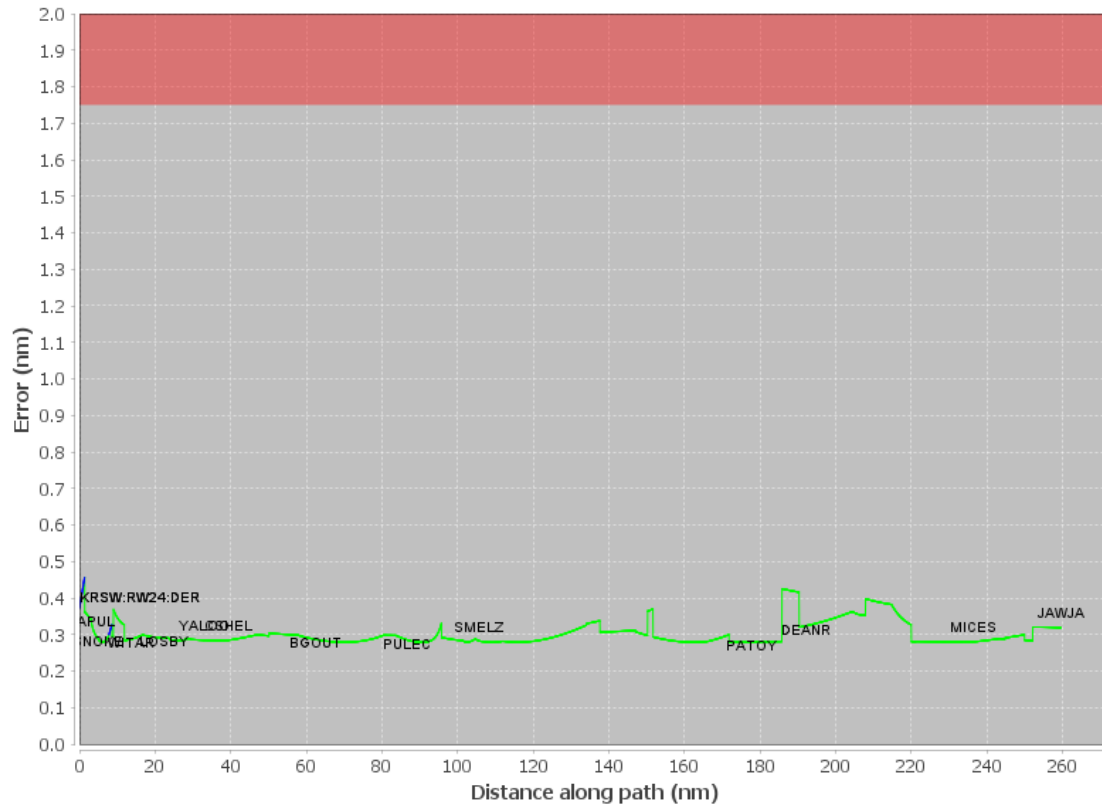
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
ESV:		Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
ESV:		Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

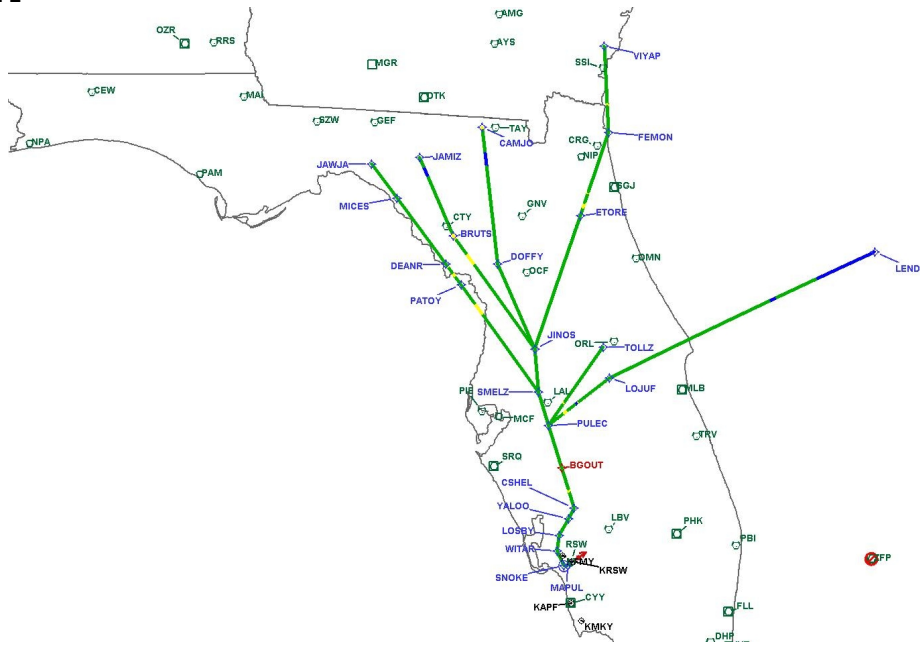
DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

DME Error



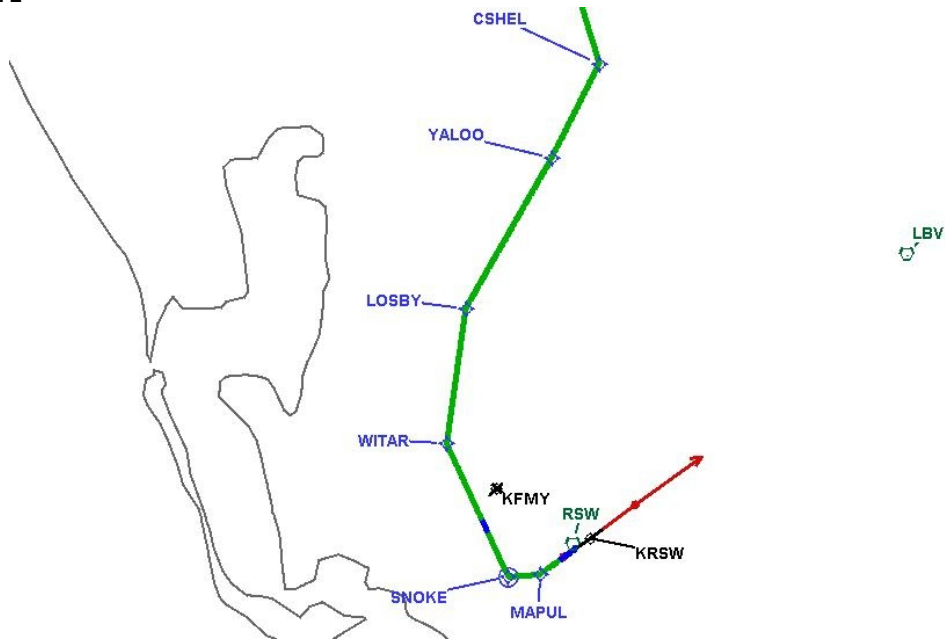
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Graphic Depiction 1

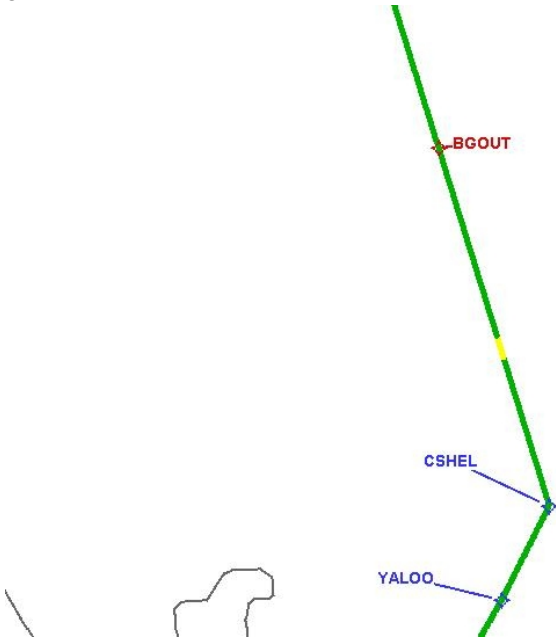


DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Graphic Depiction 2

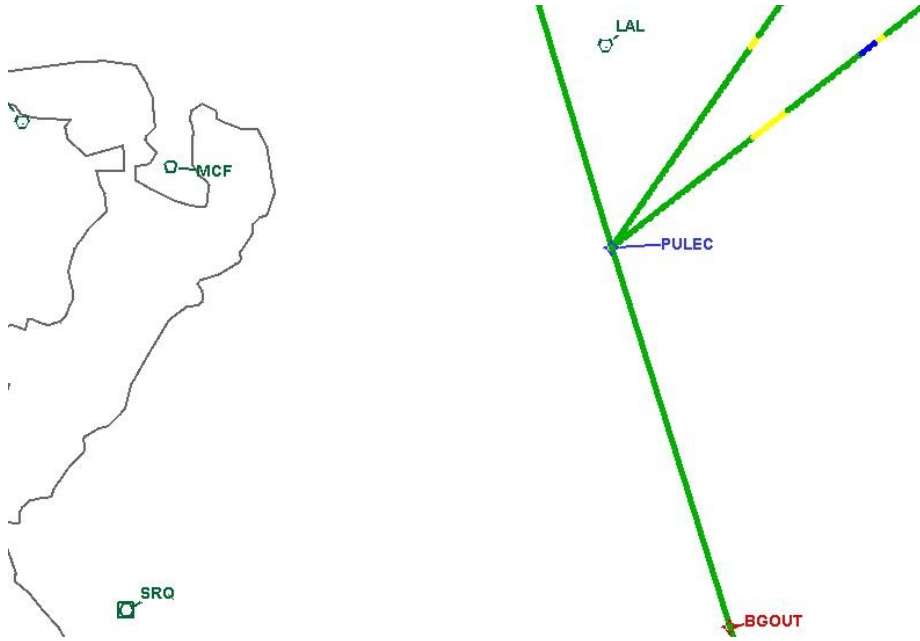


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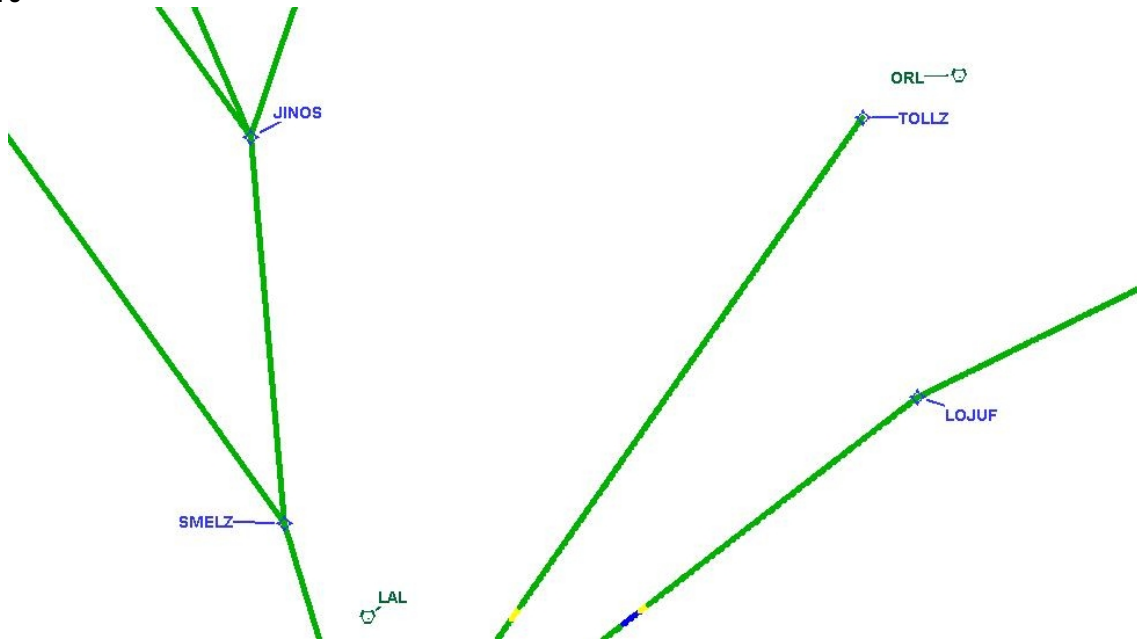
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Graphic Depiction 4



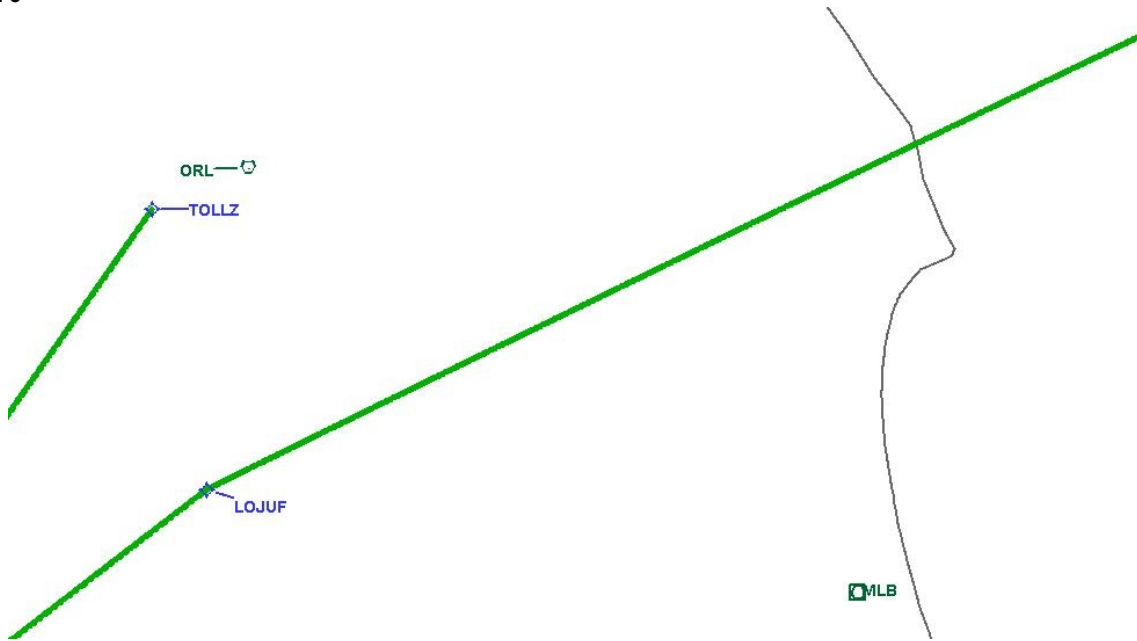
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Graphic Depiction 5



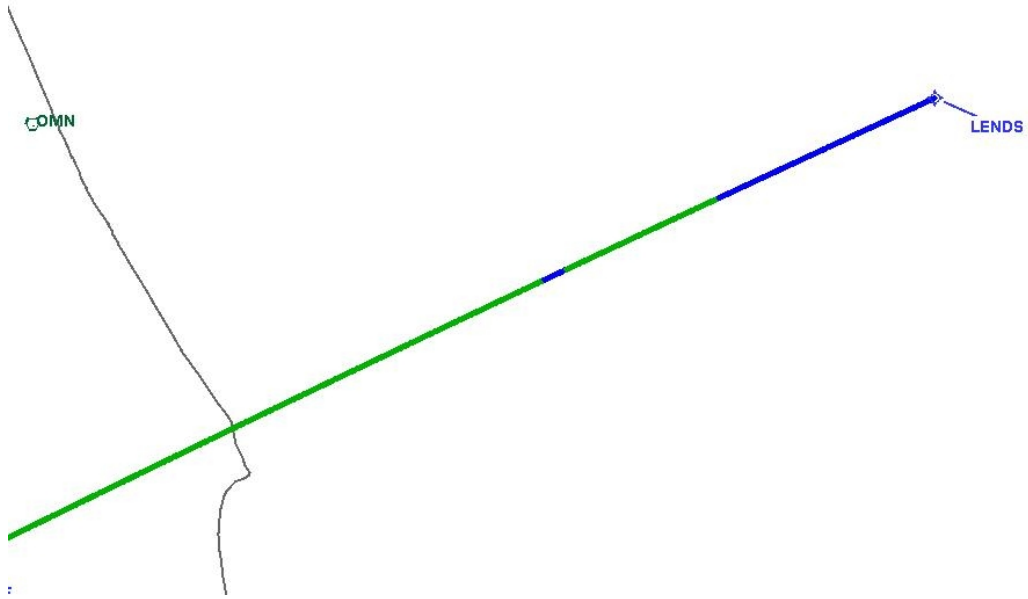
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Graphic Depiction 6



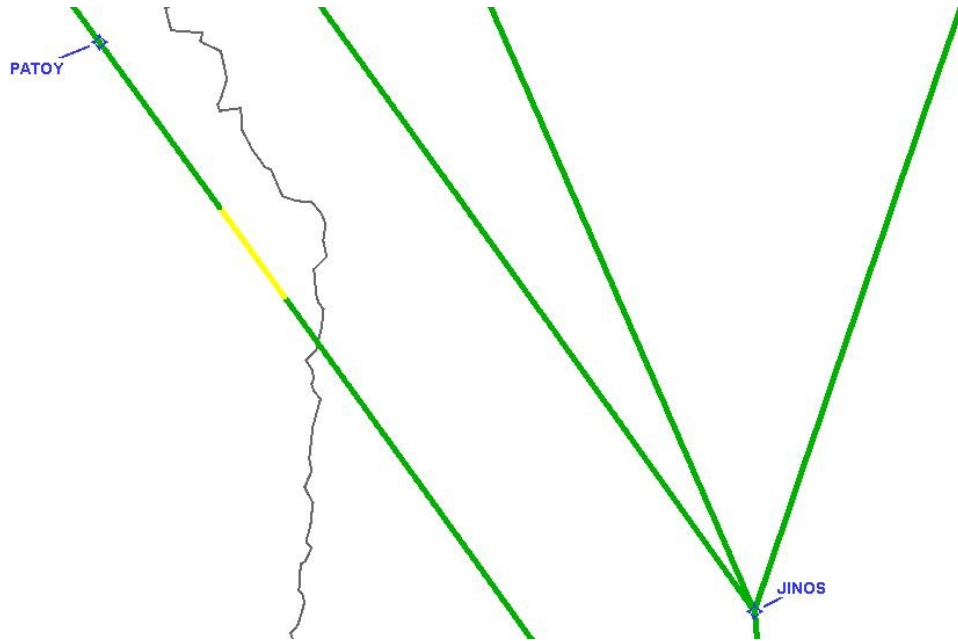
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Graphic Depiction 7



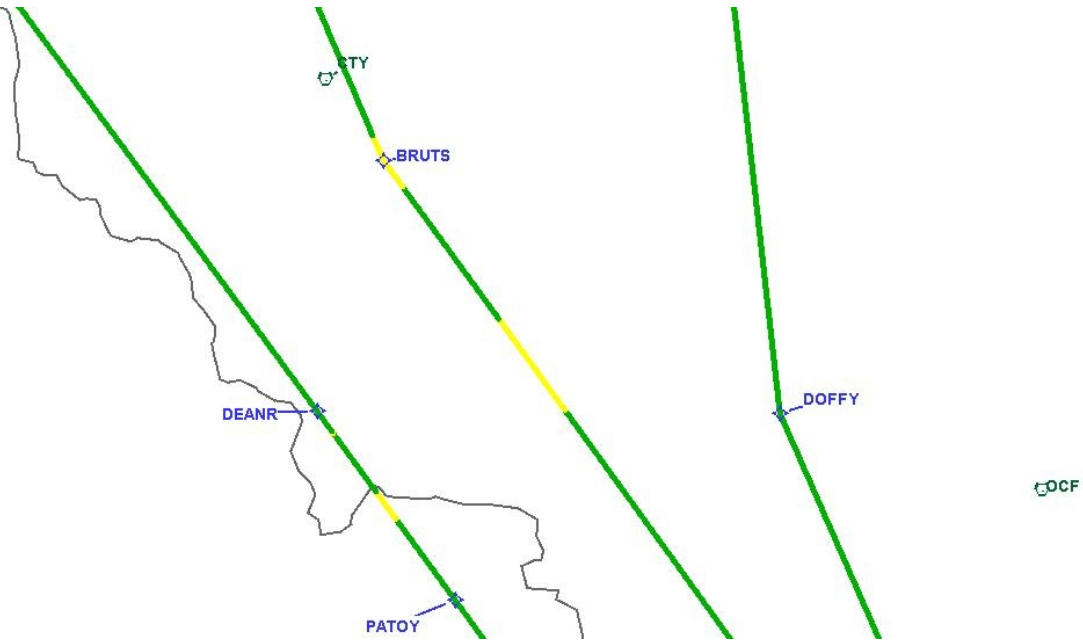
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Graphic Depiction 8



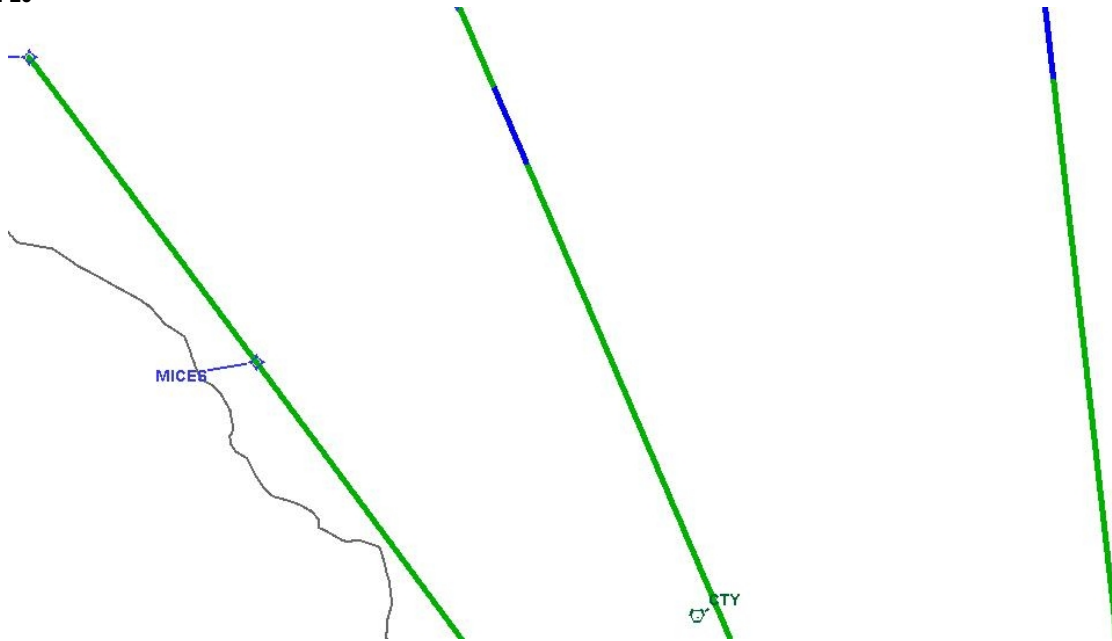
DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Graphic Depiction 9



DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Graphic Depiction 10

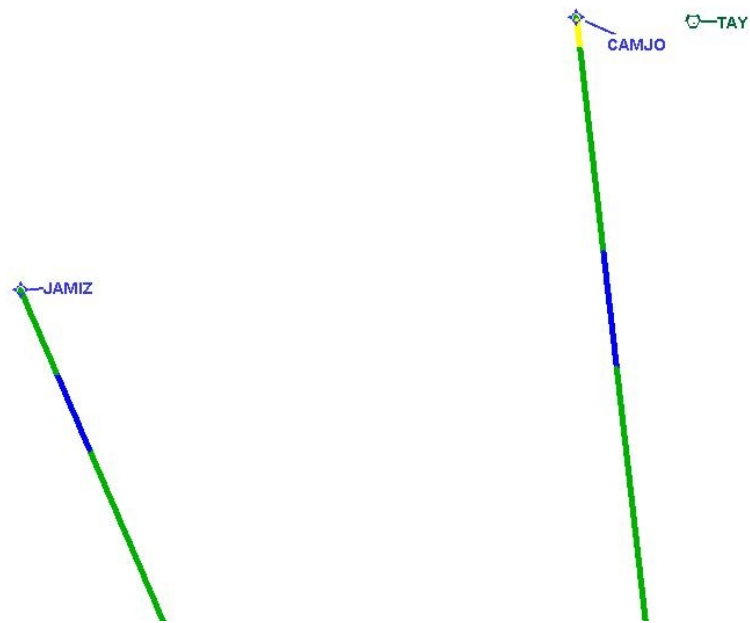


Graphic Depiction 11



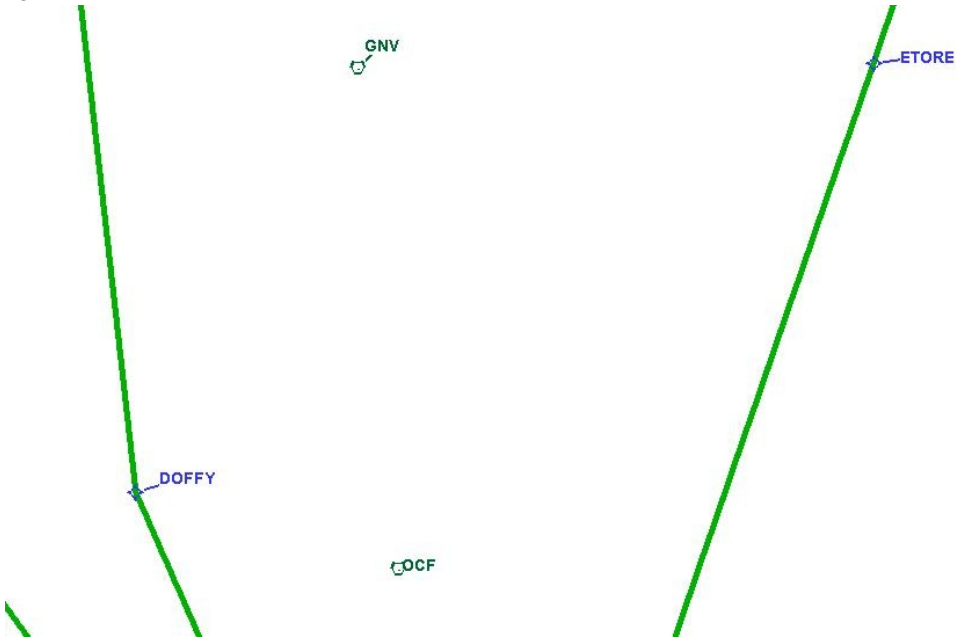
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Graphic Depiction 12



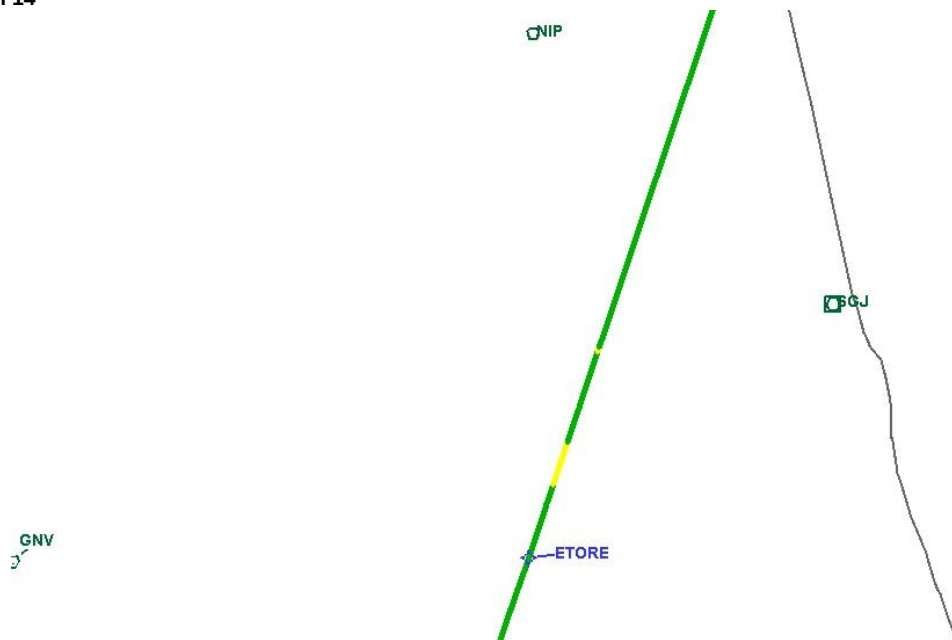
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Graphic Depiction 13



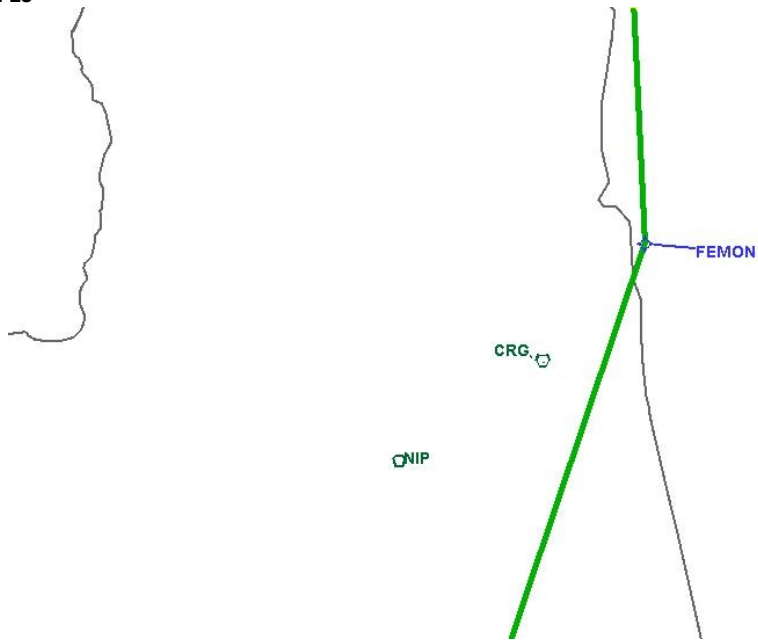
DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Graphic Depiction 14

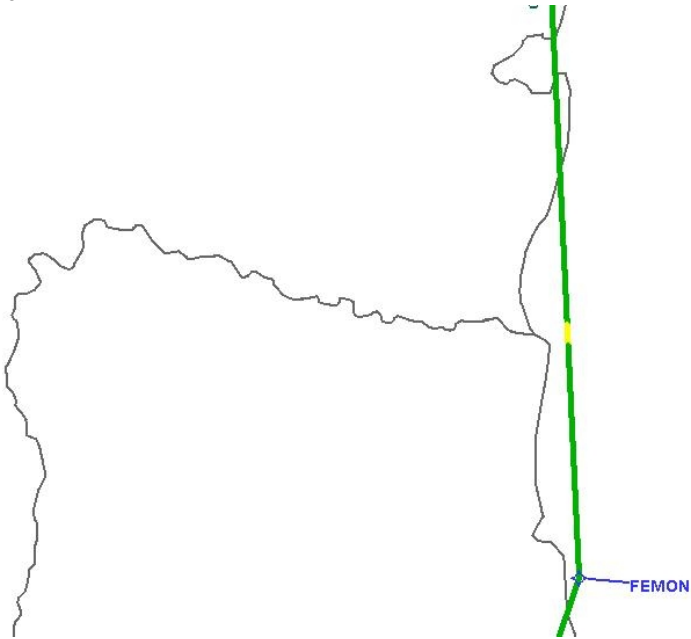


DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Graphic Depiction 15

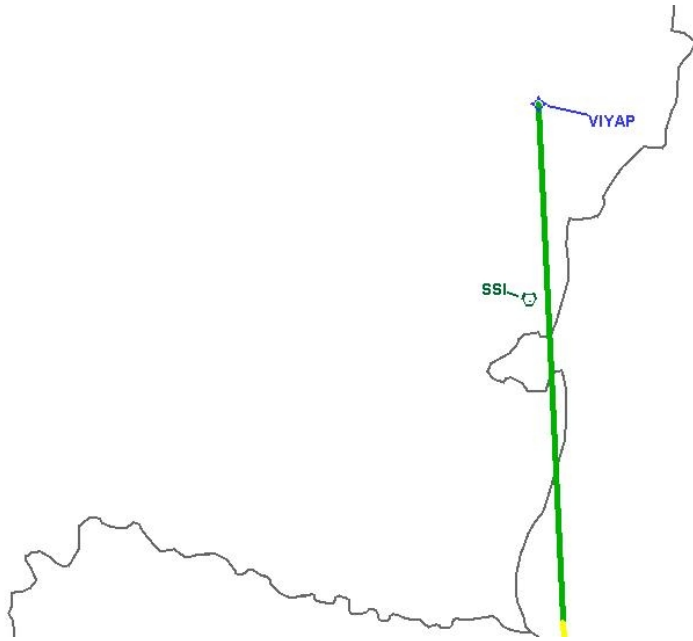


Graphic Depiction 16



DME DME Assessment Results for CSHEL7 path KRSW:RW24:DER_JAWJA

Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path PULEC_LENDS

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\PULEC_LENDS\KRSW CSHEL7 SID PULEC LENDS 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PULEC	WP	N27° 46' 45.95", W082° 00' 25.70"	8000	VNAV	200	FLY_BY	TF
LOJUF	WP	N28° 12' 42.90", W081° 22' 56.61"	12000	VNAV	240	FLY_BY	TF
LENDS	WP	N29° 21' 57.39", W078° 40' 12.35"	16000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path PULEC_LENDS

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	24.9 %	22 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	47.6 %	45.6 %
3	TRV	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	H	IFPA	NO	Enabled	9.2 %	9.5 %
4	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	37.8 %	39.4 %
5	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	0.1 %	0.1 %
6	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	5.8 %	5 %
7	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	77.8 %	77.6 %
8	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	7.8 %	6.7 %
9	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	66.7 %	67.4 %
10	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LAL	MCF	PIE	MLB	SRQ	
0.2	LAL	MCF	MLB	SRQ		
10.9	LAL	SRQ	MCF			
10.9	LAL	SRQ	MLB	MCF		
13.6	LAL	SRQ				
19.3						
20.7	LAL	ORL	MLB	SRQ		
21.3	OCF	MLB	SRQ	LAL	ORL	
31.4	ORL	MLB	LAL	SRQ		
45.5	ORL	MLB	SRQ			
54.6	OMN	MLB	ORL	SRQ		
71.0	MLB	SRQ	ORL			
86.3	ORL	MLB	OMN	SRQ		
93.1	ORL	MLB	OMN			
125.3	ORL	MLB				
139.3						
142.7	ORL	TRV				
142.9	TRV	OMN	MLB	ORL		
154.9	MLB	OMN				
159.7	TRV	OMN	MLB	ORL		
164.5	TRV	OMN	MLB			
166.9						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N27° 58' 42.03", W081° 43' 15.37"	N27° 59' 31.34", W081° 42' 04.17"	1.3324
2	N28° 55' 29.25", W079° 43' 45.55"	N28° 56' 59.43", W079° 40' 11.82"	3.4664
3	N29° 07' 24.56", W079° 15' 21.07"	N29° 21' 57.39", W078° 40' 12.35"	33.9974

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PULEC	LOJUF	MCF, MLB, SRQ, OCF, LAL, ORL, PIE	
LOJUF	LENDS	OMN, MLB, SRQ, LAL, ORL, TRV	

User Data Files

#	File Name
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None	
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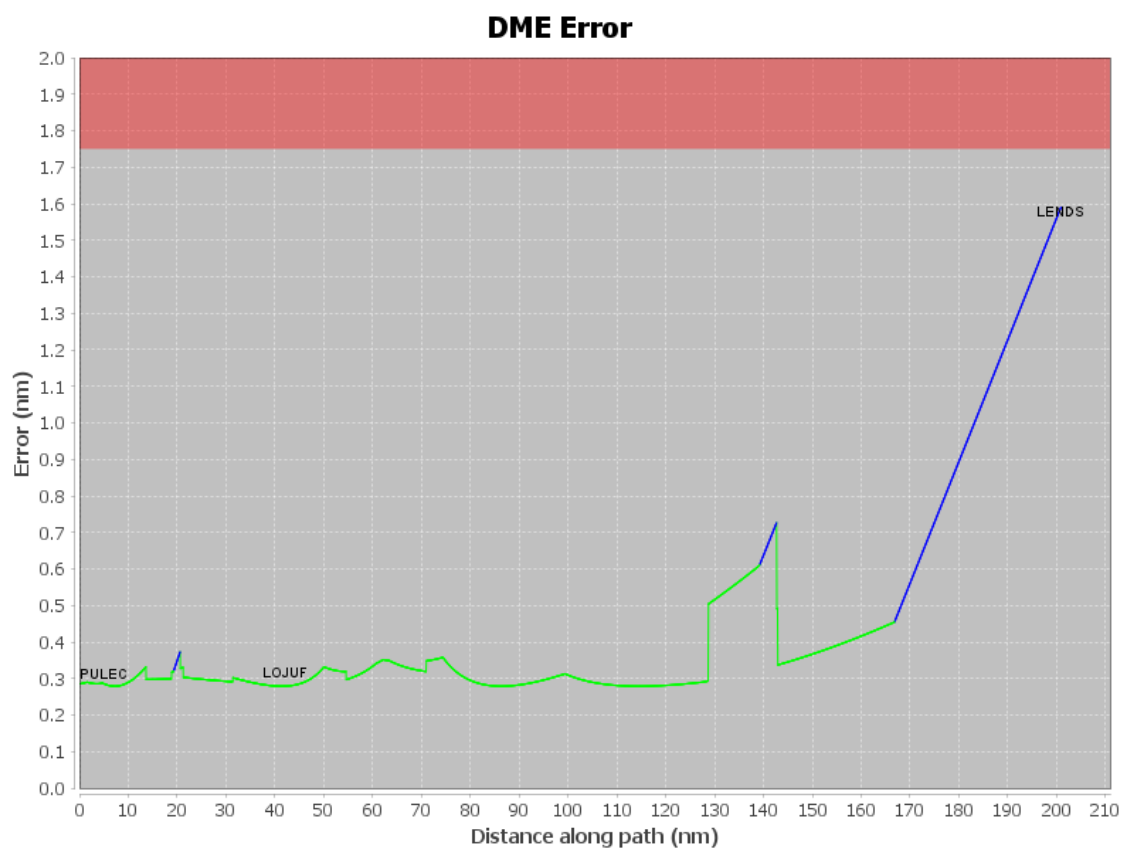
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

DME DME Assessment Results for CSHEL7 path PULEC_LENDS

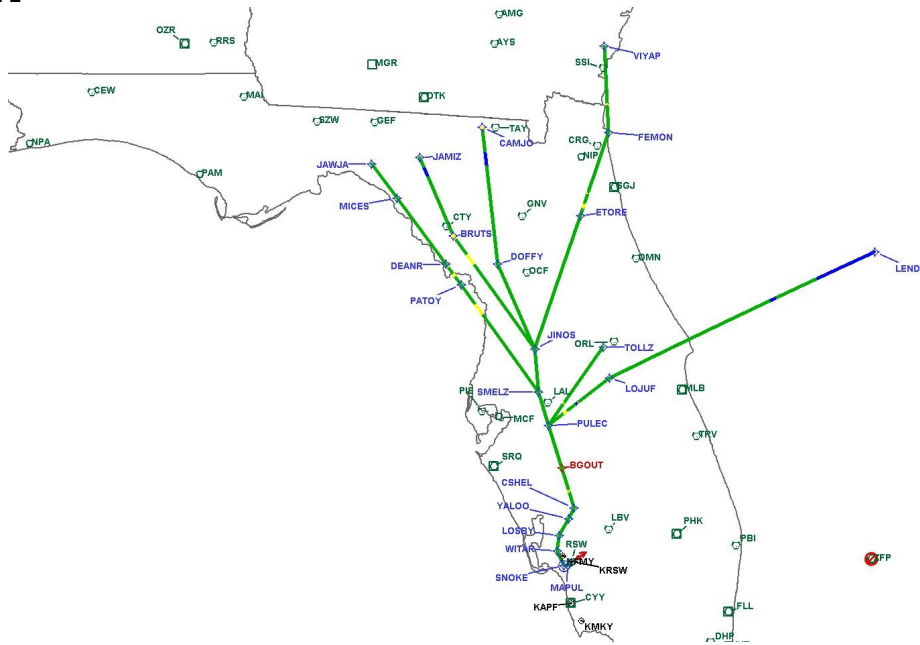
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
ESV:		Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
ESV:		Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

DME DME Assessment Results for CSHEL7 path PULEC_LENDS



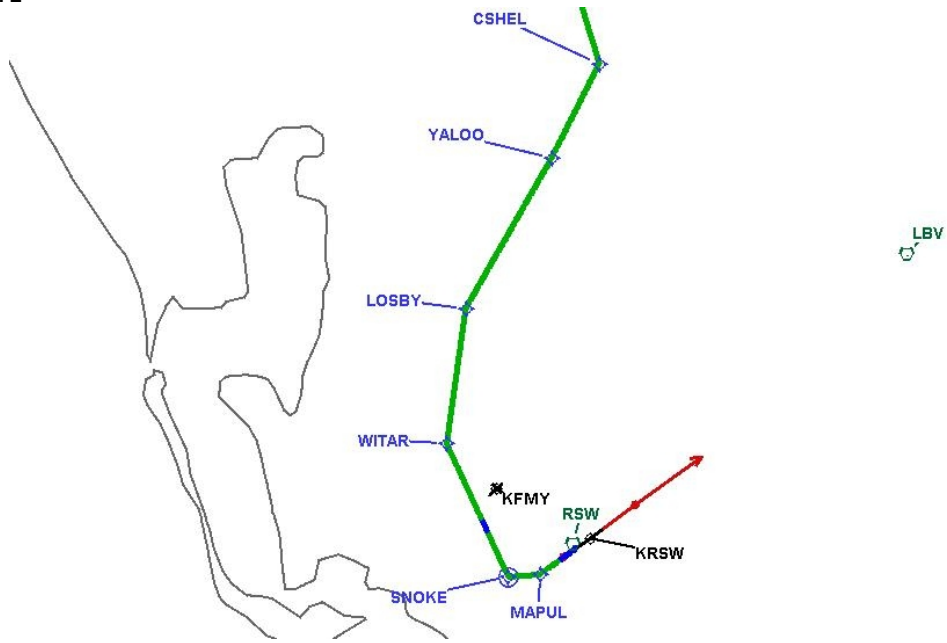
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 1



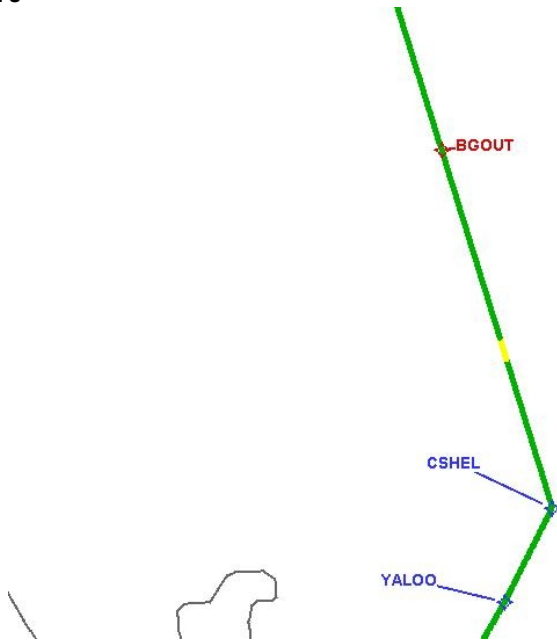
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 2



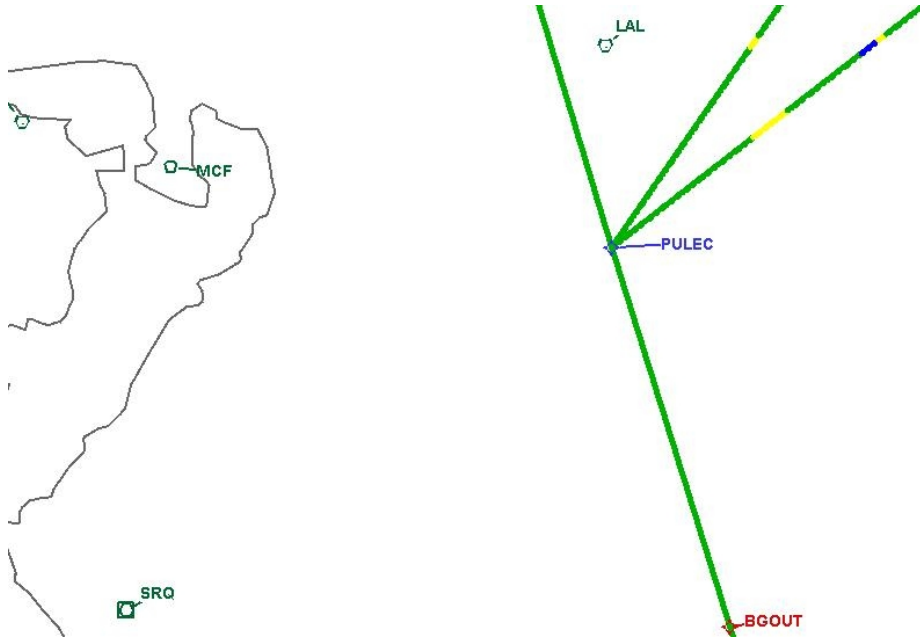
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 3



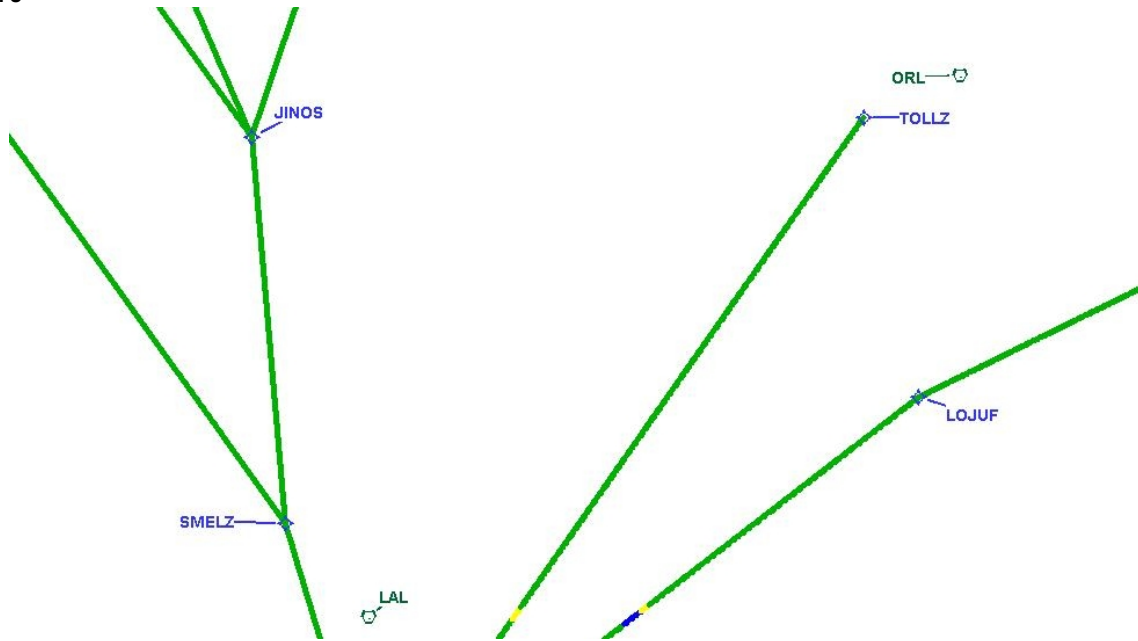
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 4



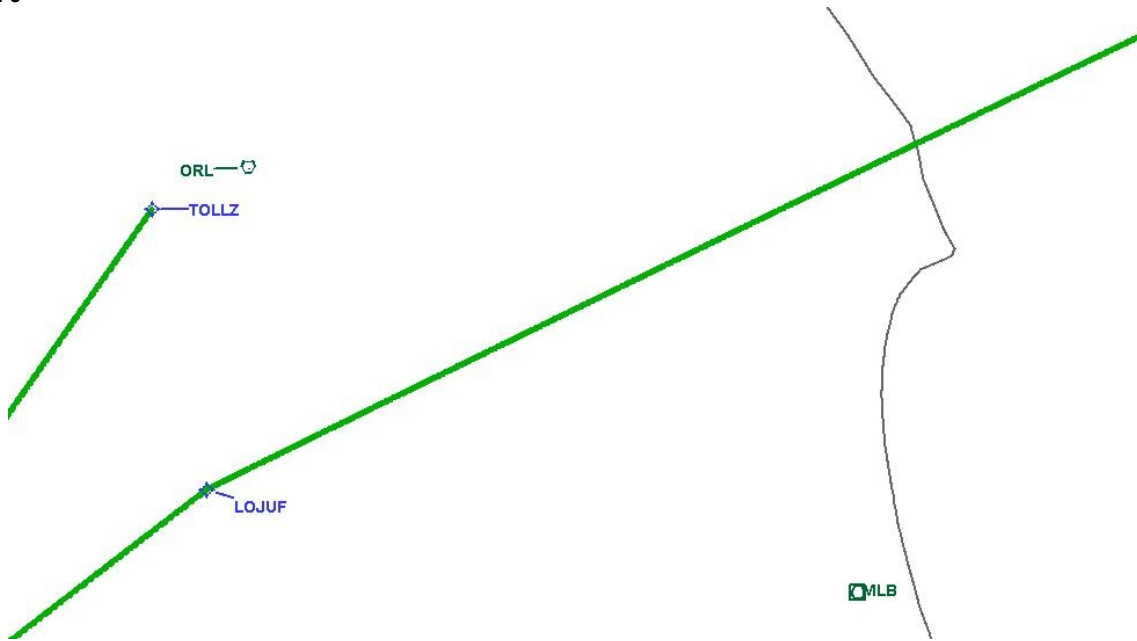
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 5



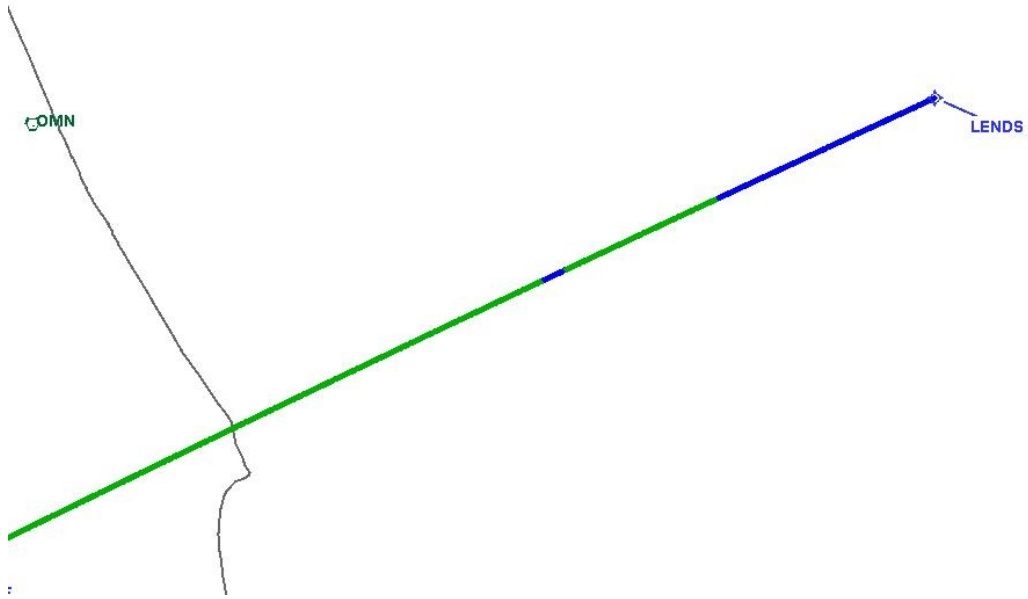
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 6



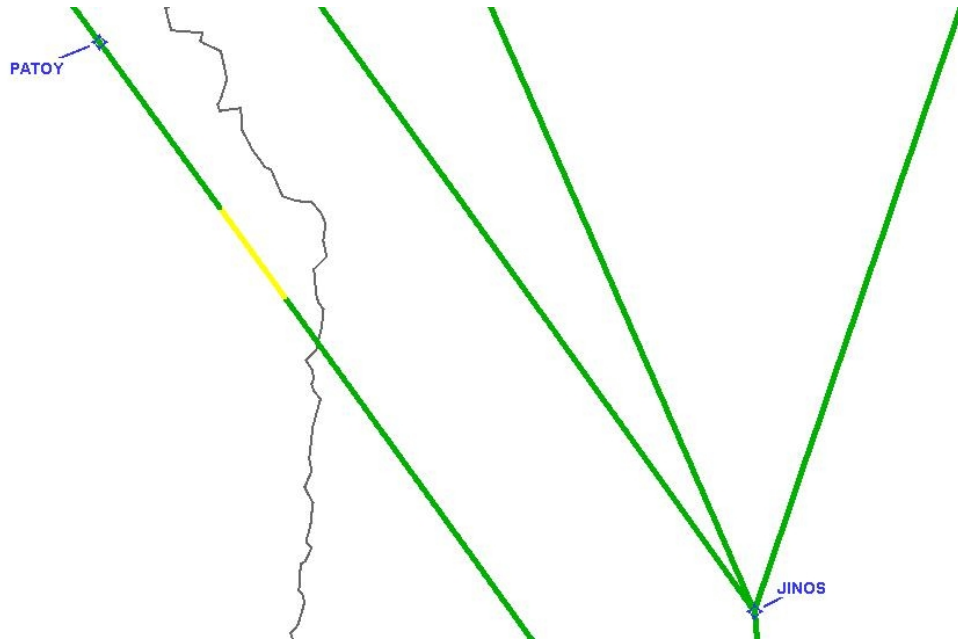
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 7



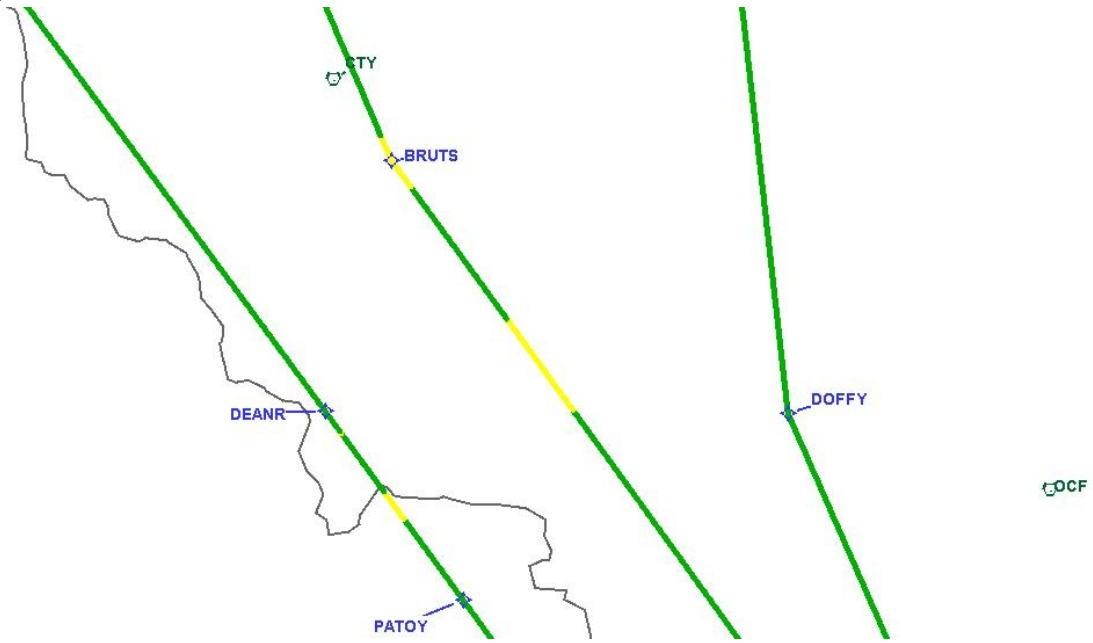
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 8



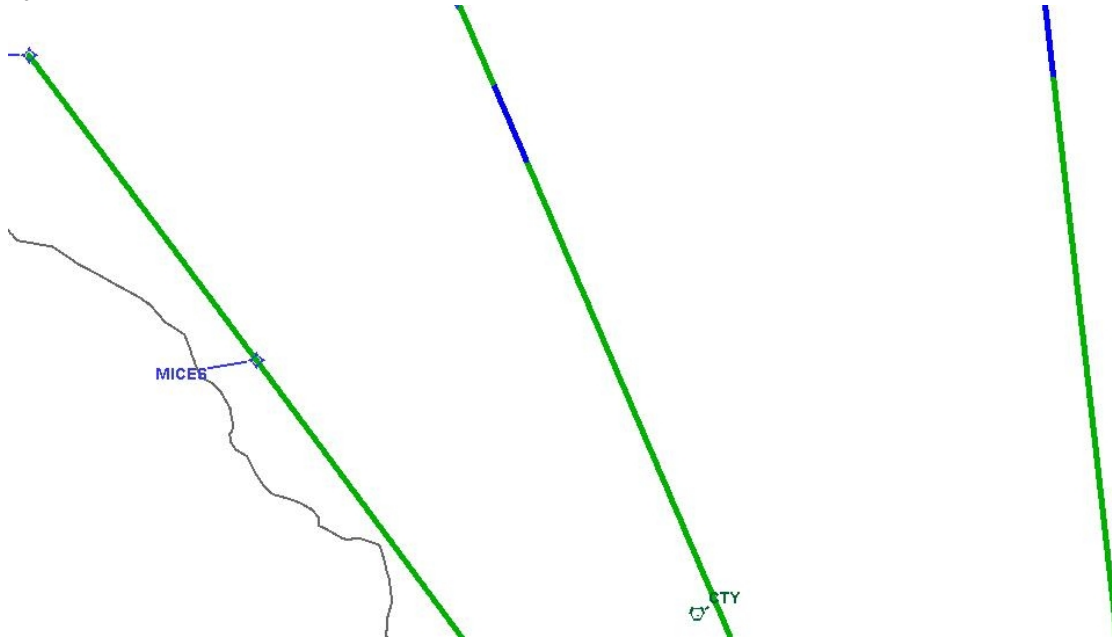
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 9



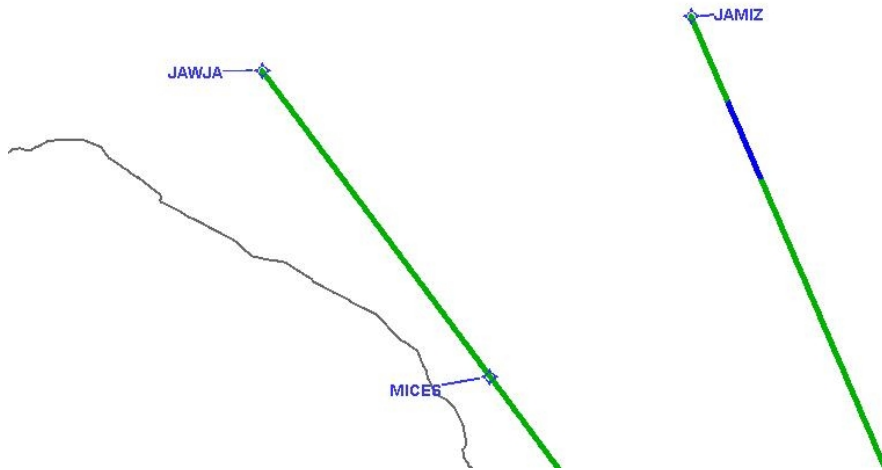
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 10

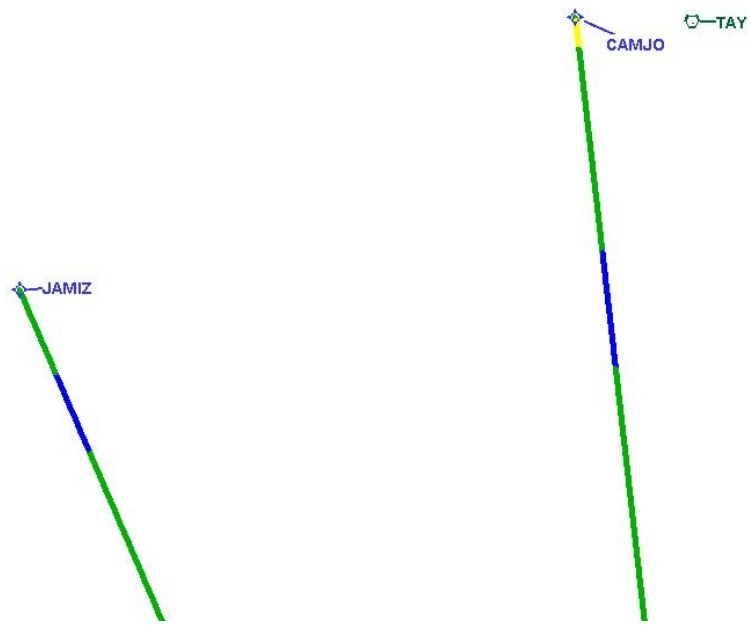


DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 11

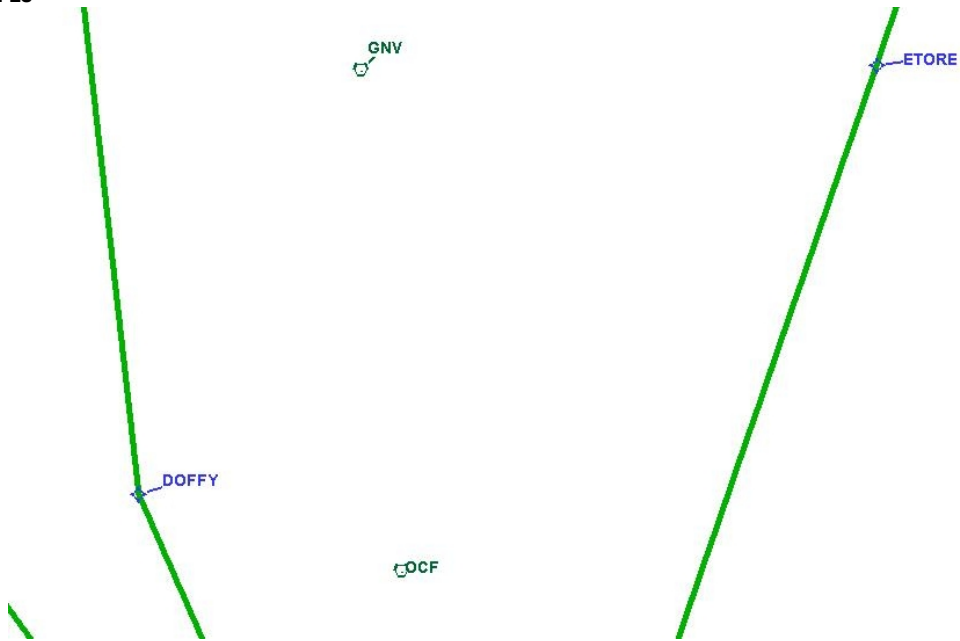


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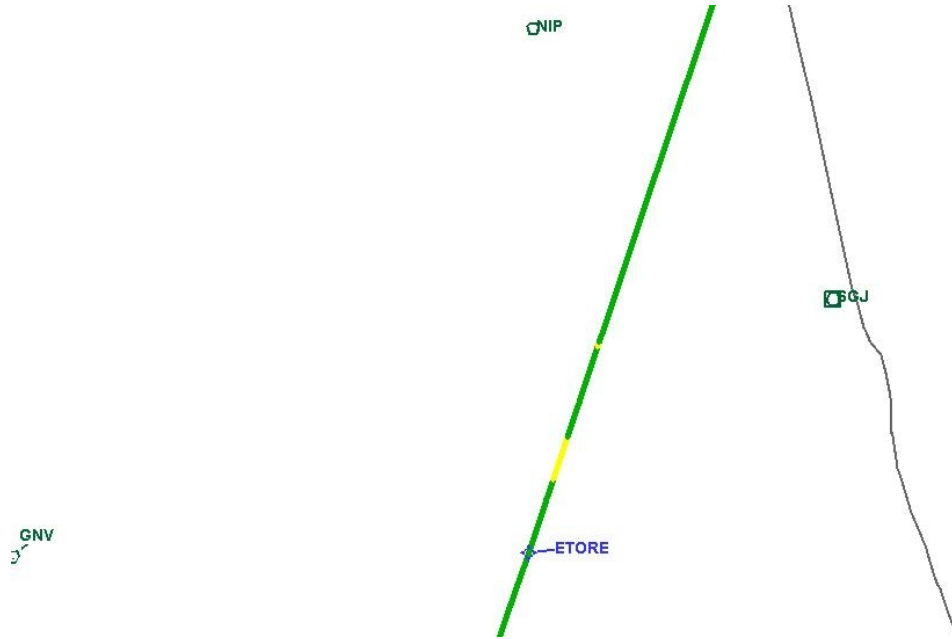
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 13



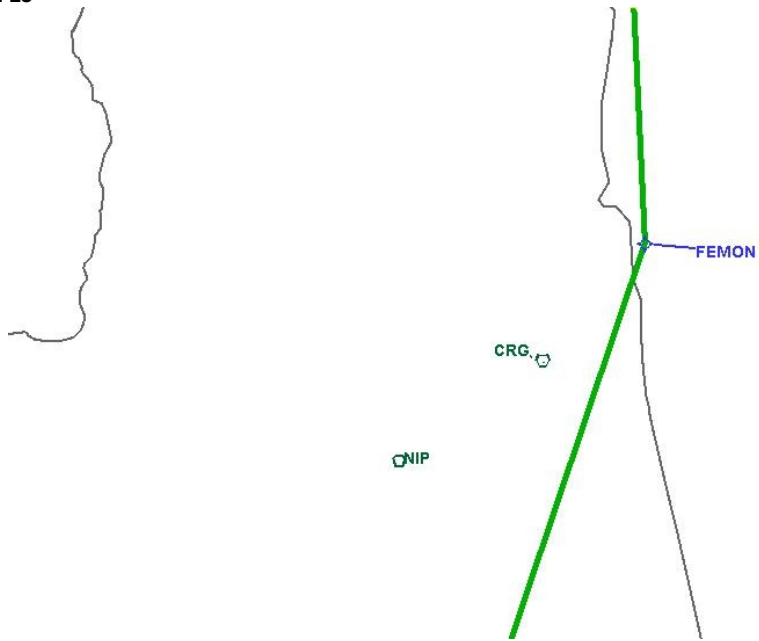
Graphic Depiction 14

DME DME Assessment Results for CSHEL7 path PULEC_LENDS



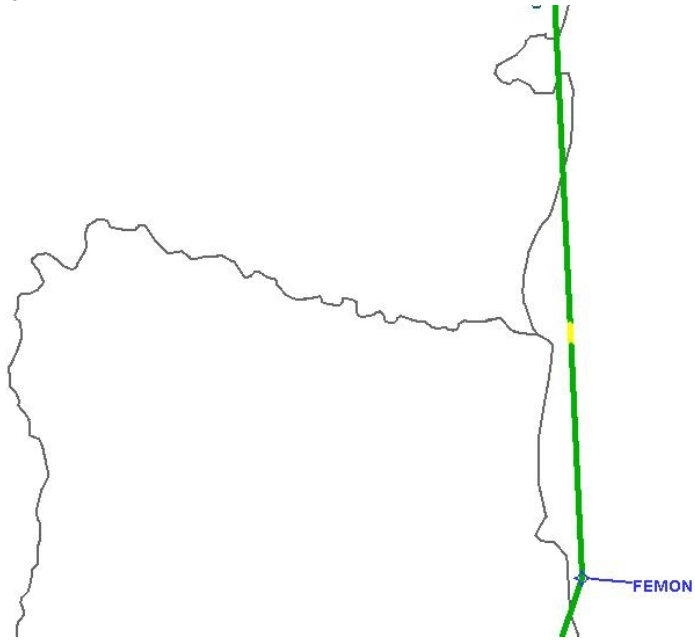
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 15



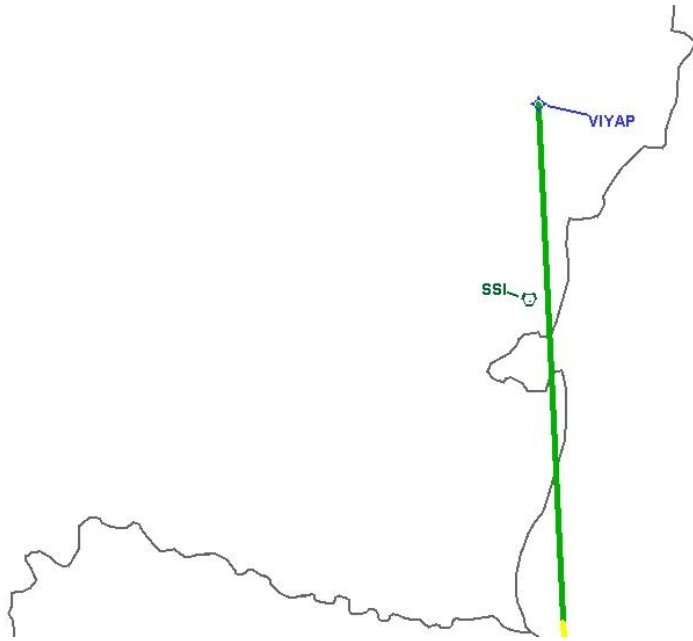
DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 16



DME DME Assessment Results for CSHEL7 path PULEC_LENDS

Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\PULEC_TOLLZ\KRSW CSHEL7 SID PULEC TOLLZ 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PULEC	WP	N27° 46' 45.95", W082° 00' 25.70"	8000	VNAV	200	FLY_BY	TF
TOLLZ	WP	N28° 29' 57.84", W081° 26' 43.18"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	92.3 %	92.3 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	100 %	100 %
3	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	78.9 %	78.9 %
4	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	99.3 %	99.3 %
5	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	31.4 %	31.4 %
6	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	64.6 %	64.6 %
7	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LAL	MCF	MLB	SRQ		
10.7	LAL	SRQ	MCF			
11.1	OCF	MLB	MCF	LAL	SRQ	
16.5	OCF	LAL	MLB	SRQ		
18.6	OCF	LAL	MLB	SRQ	ORL	
48.4	OCF	ORL	SRQ	MLB		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PULEC	TOLLZ	MCF, MLB, SRQ, OCF, LAL, ORL	

User Data Files

#	File Name
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None	
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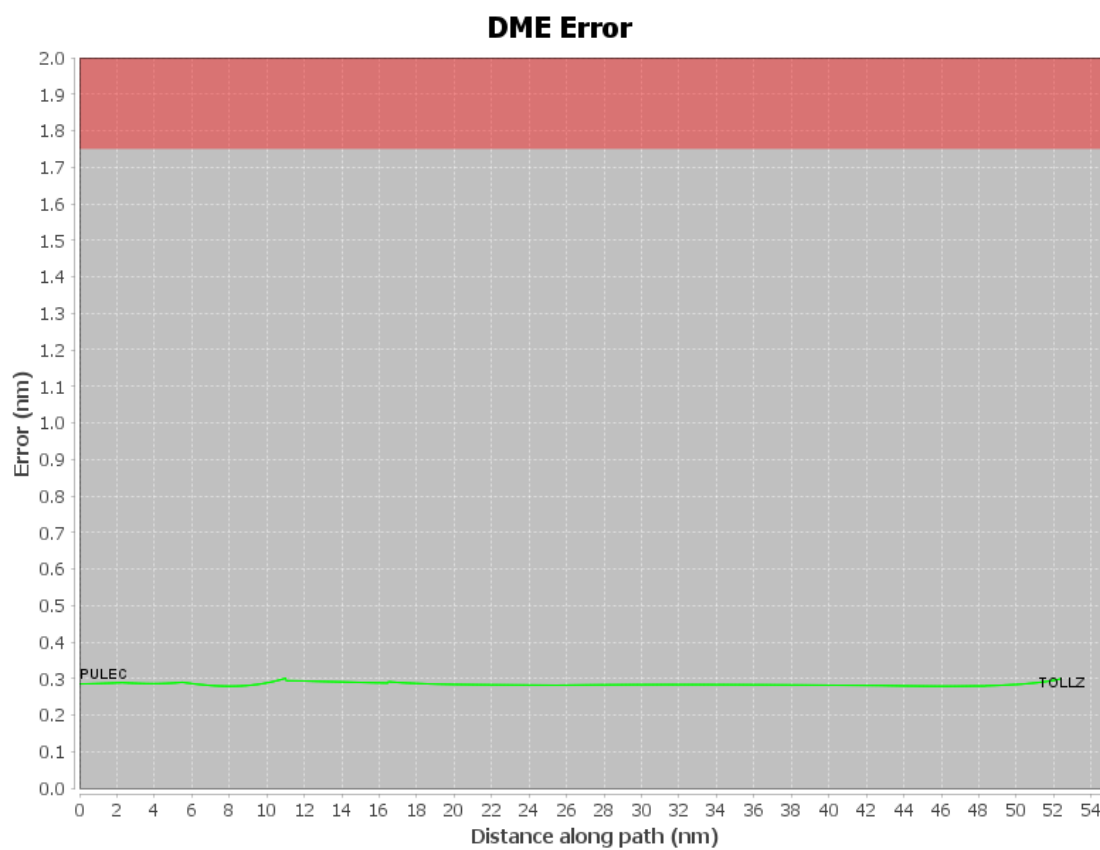
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

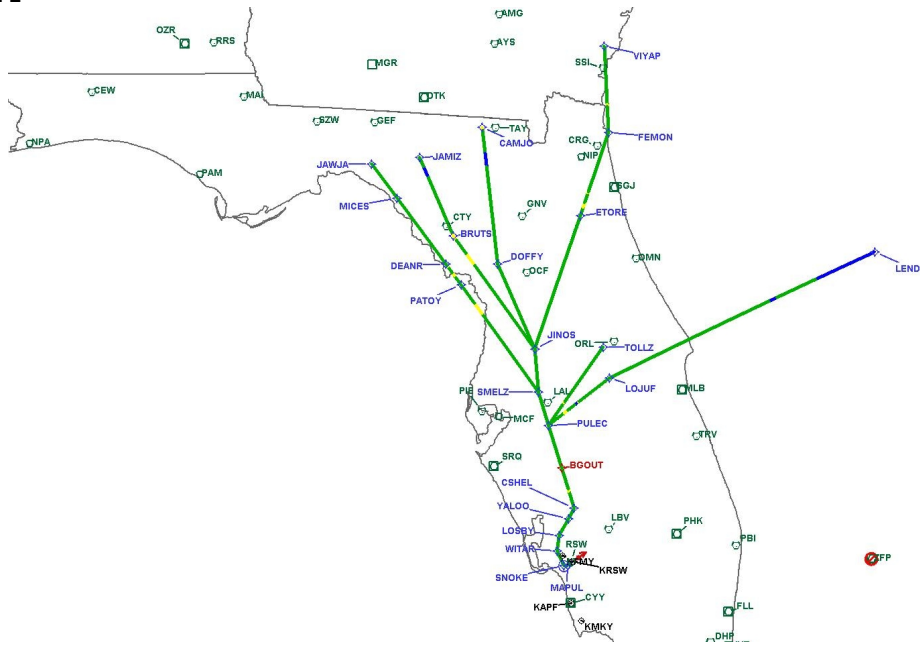
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
	ESV:	Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ



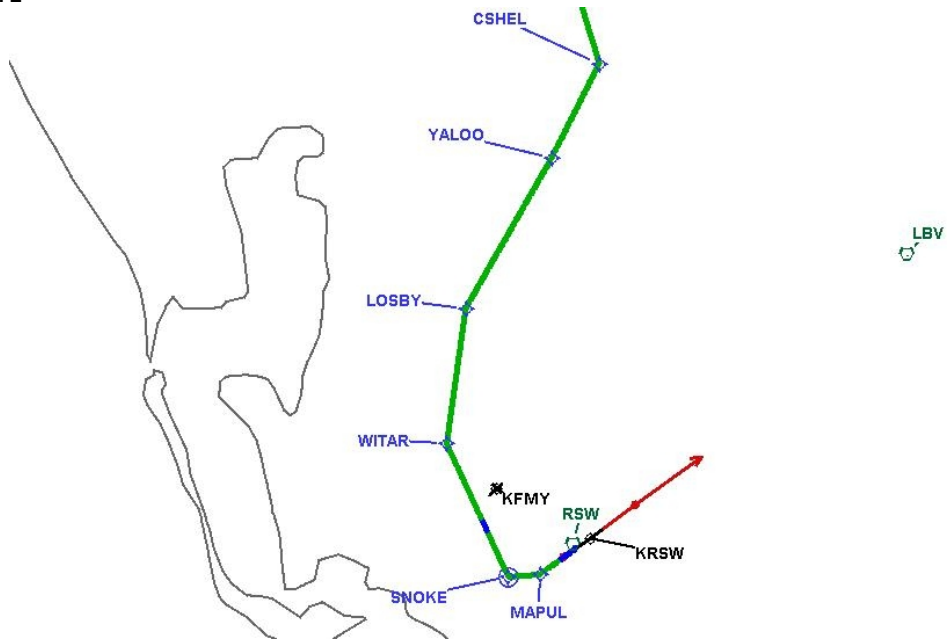
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 1



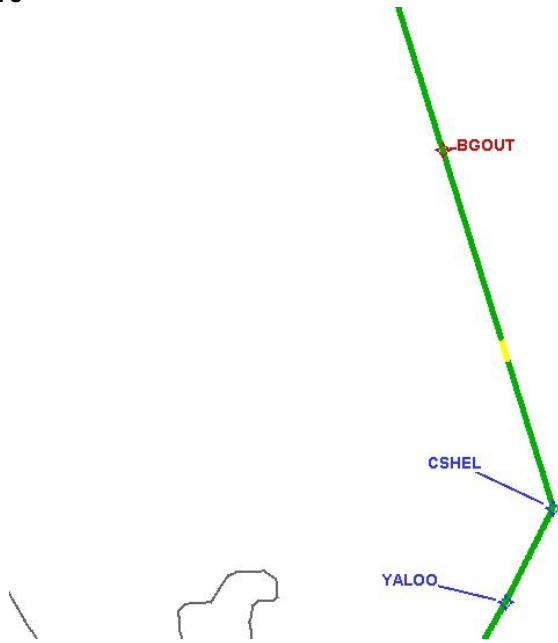
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 2



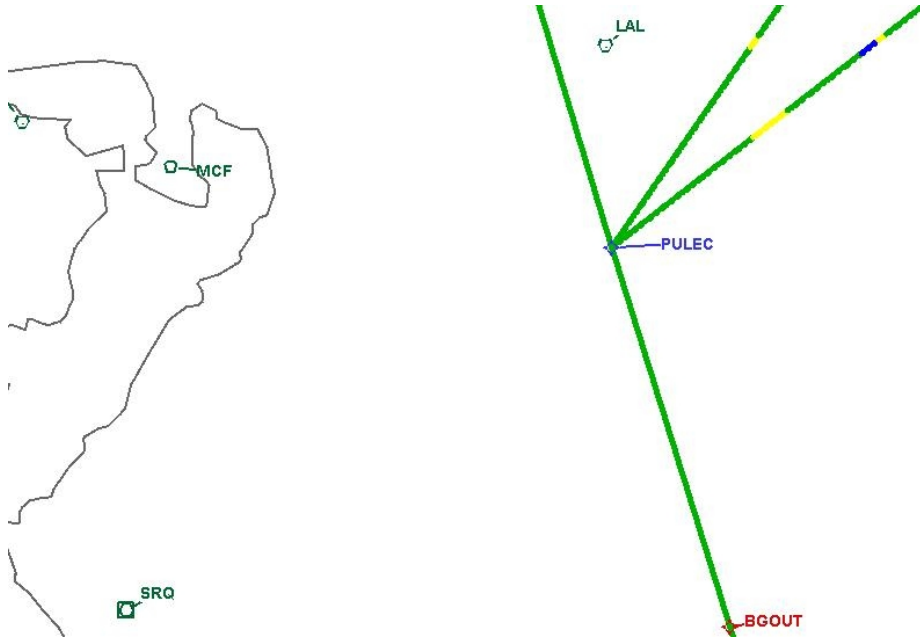
Graphic Depiction 3

DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ



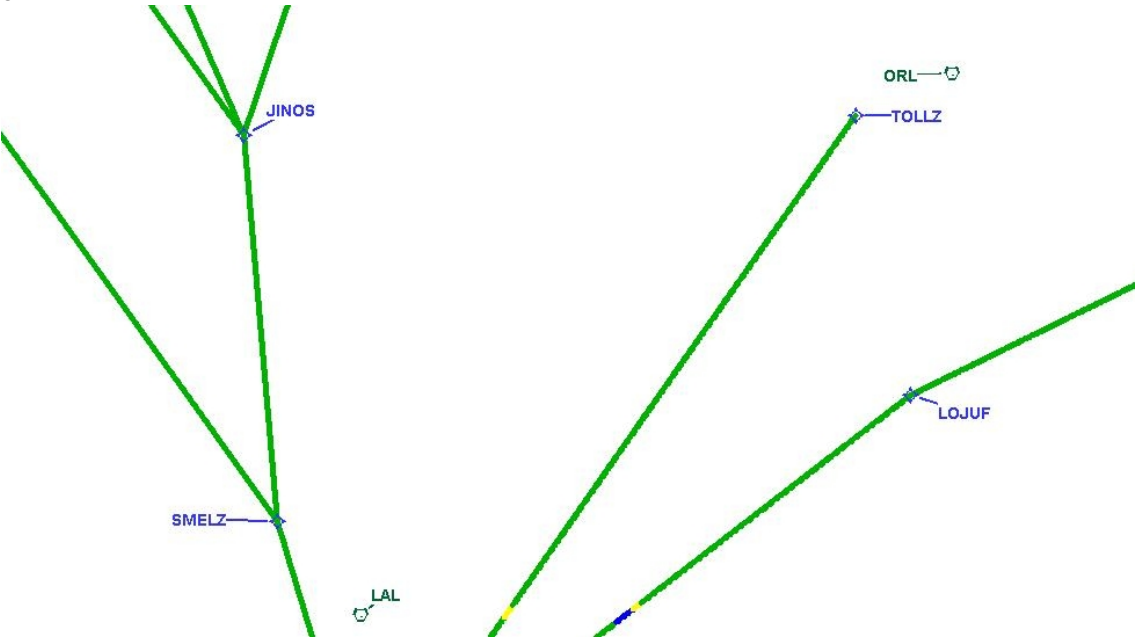
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 4



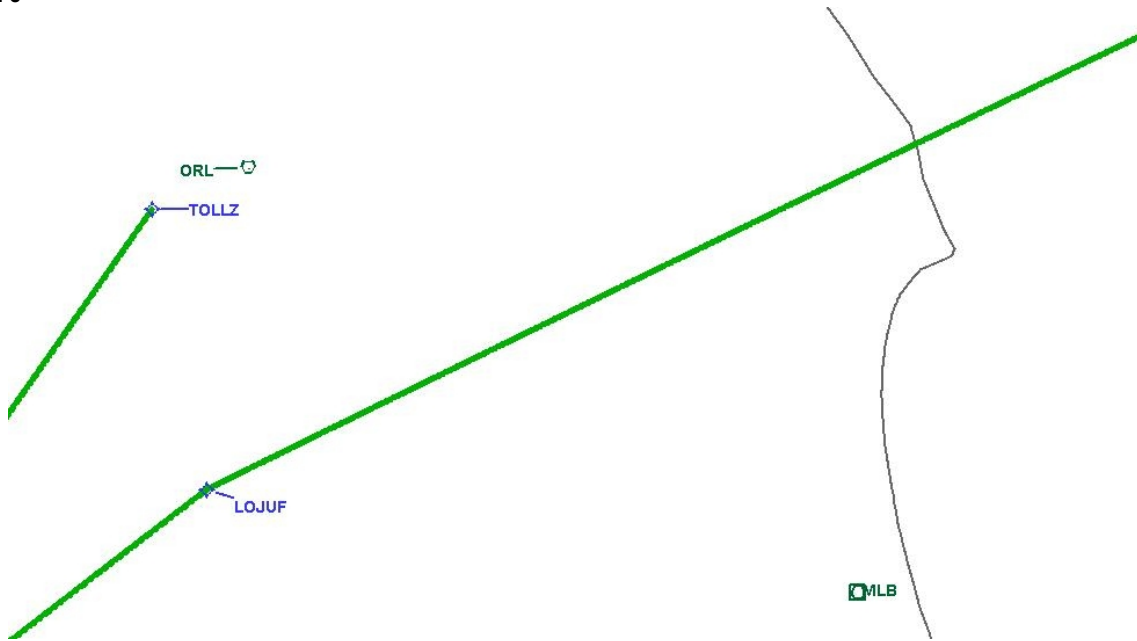
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 5



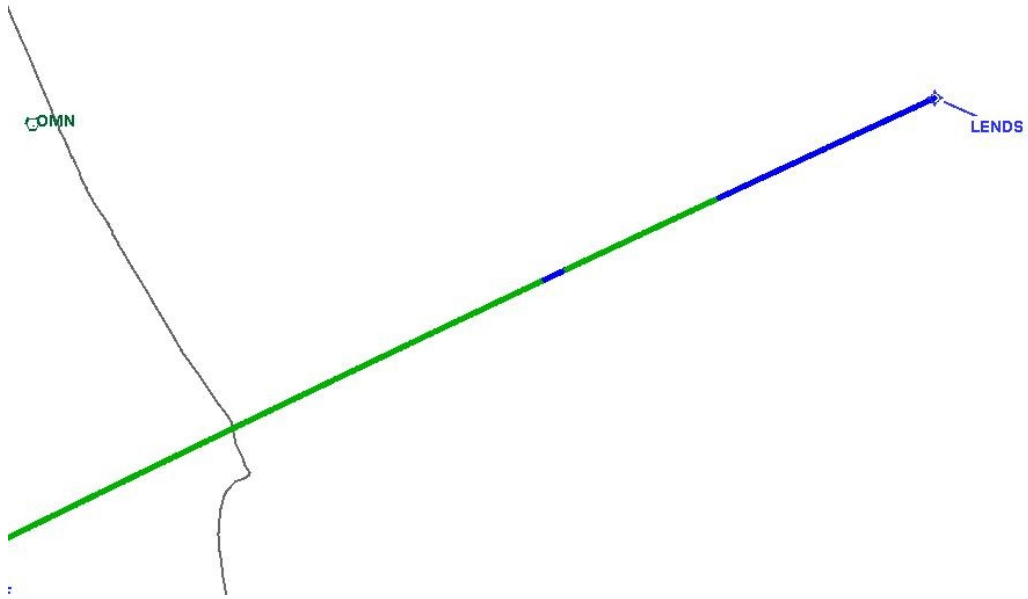
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 6



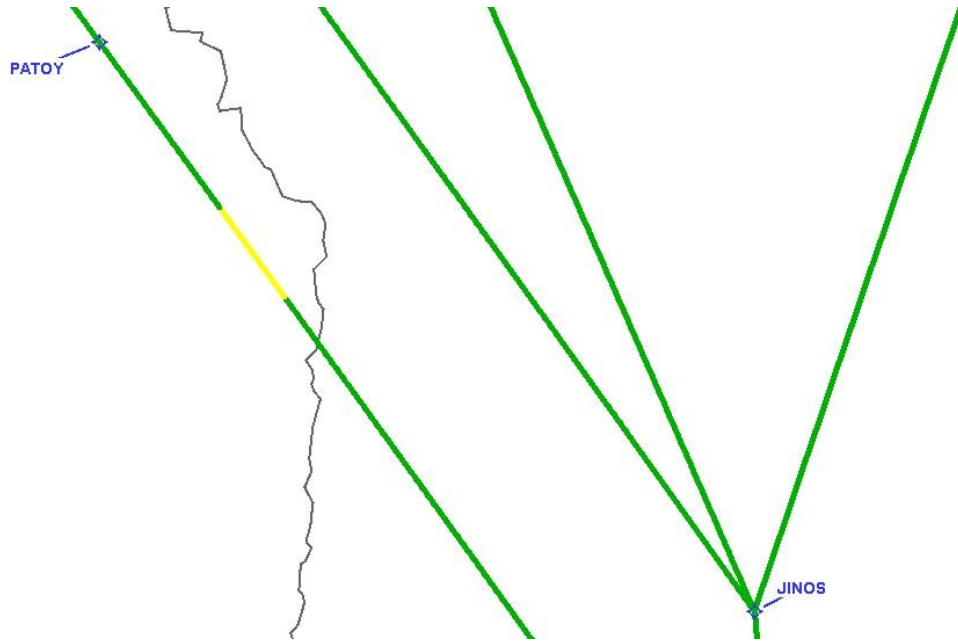
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 7



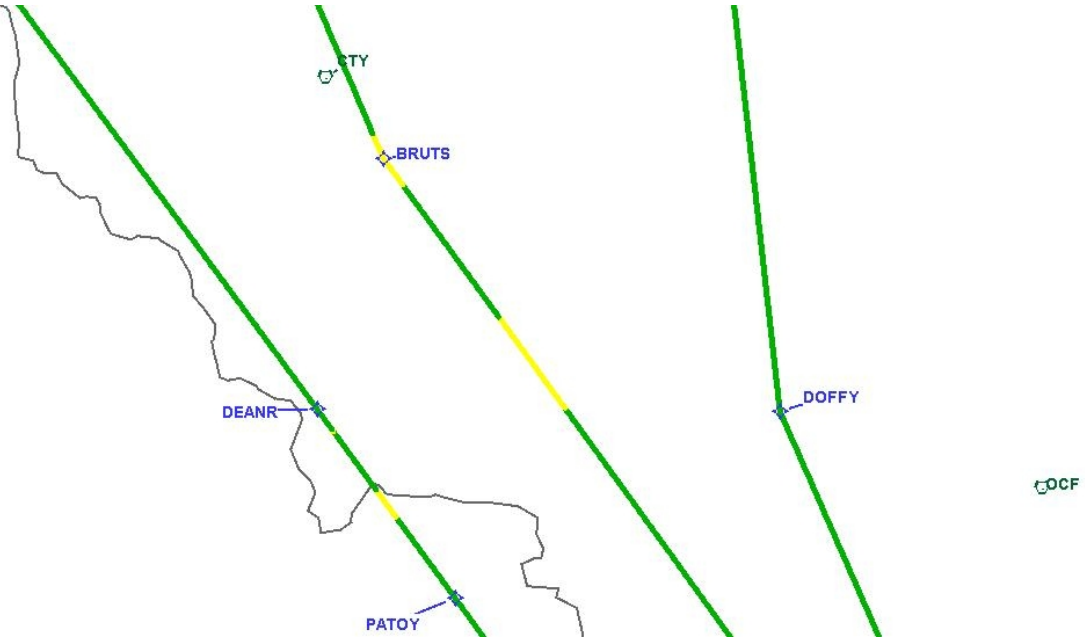
Graphic Depiction 8

DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ



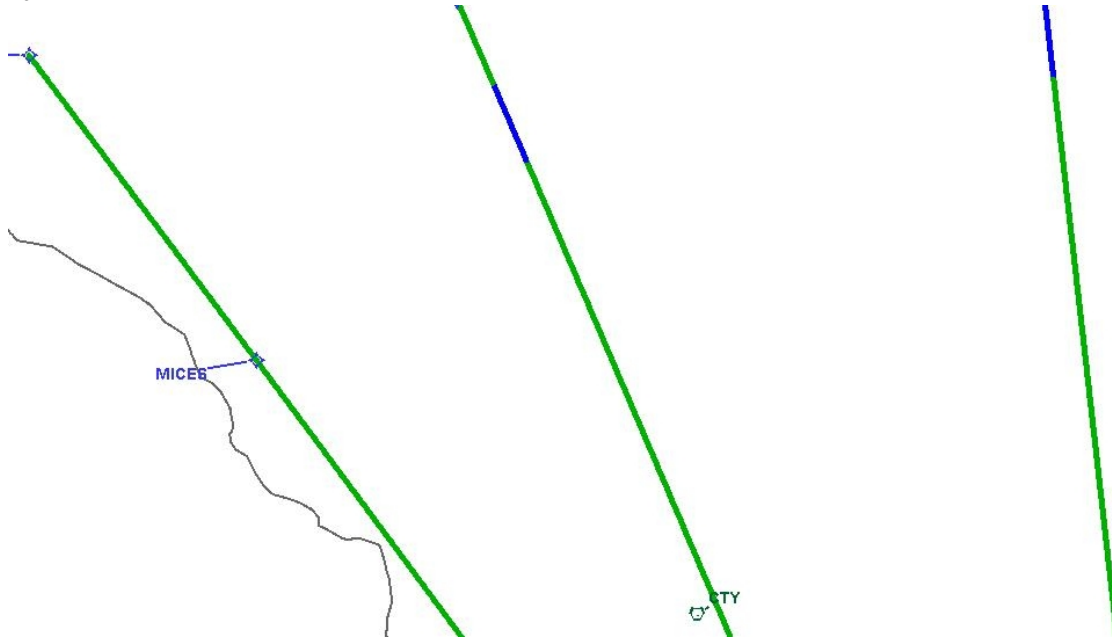
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 9

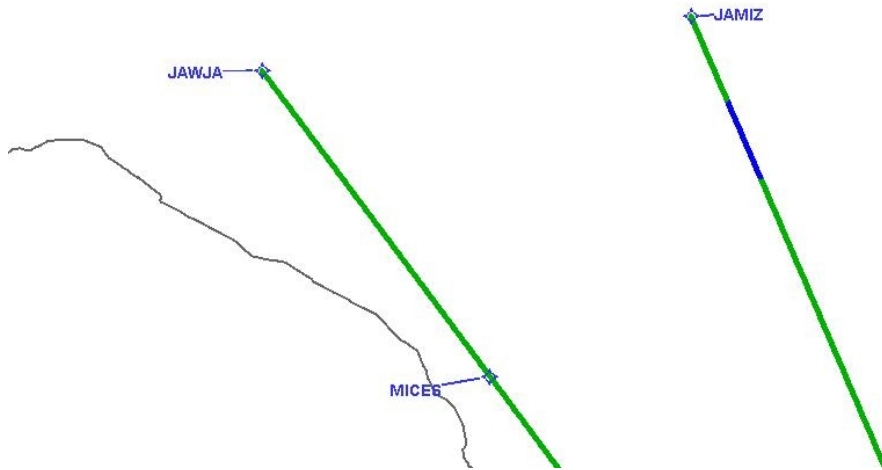


DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

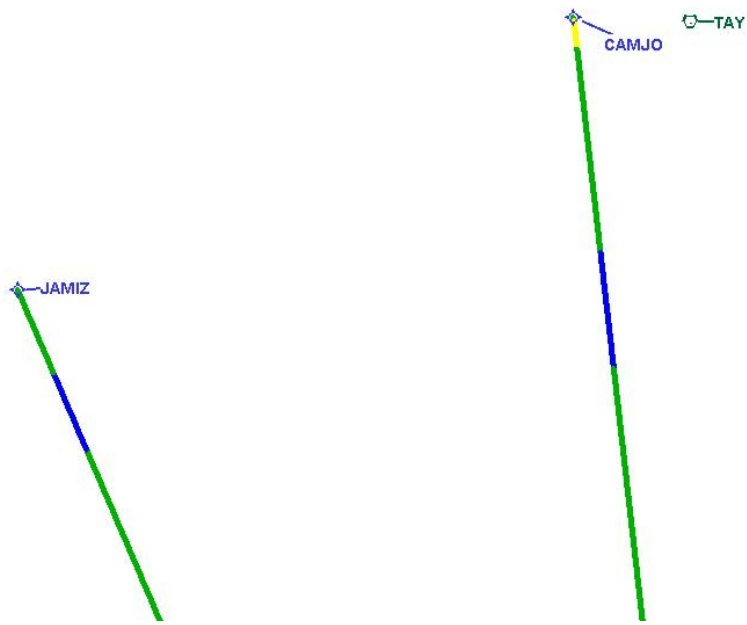
Graphic Depiction 10



Graphic Depiction 11

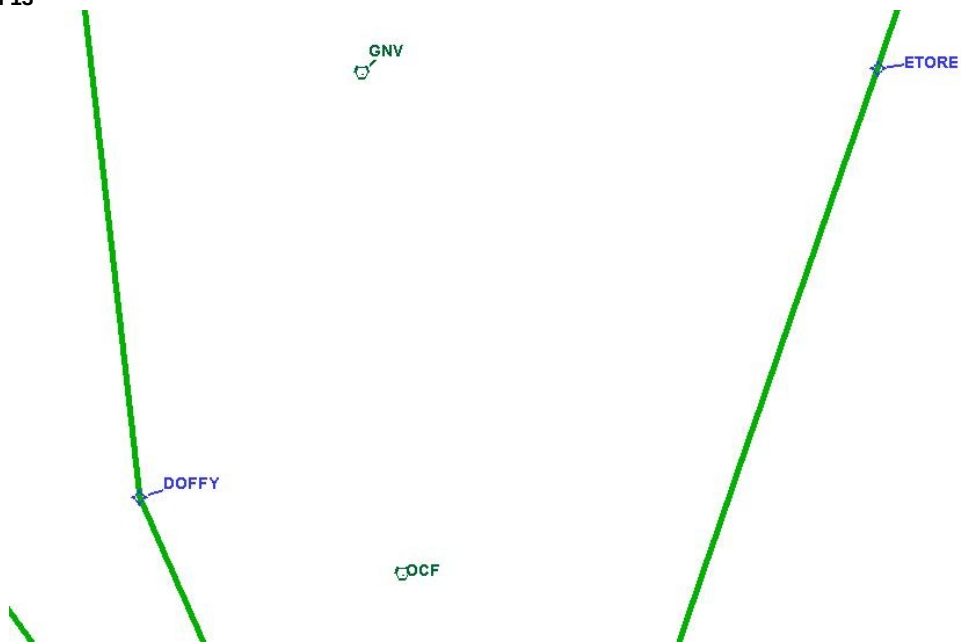


DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ



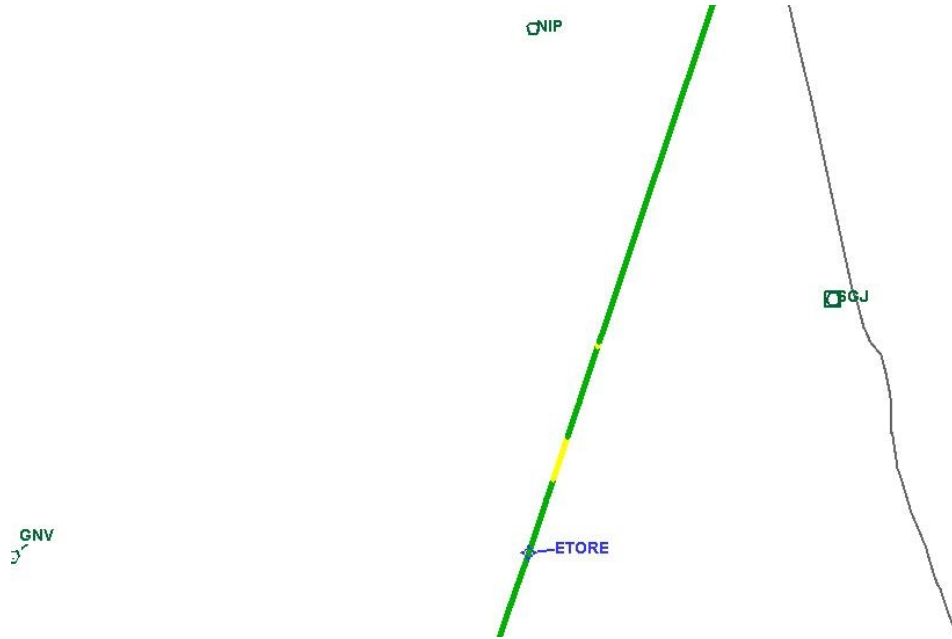
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 13



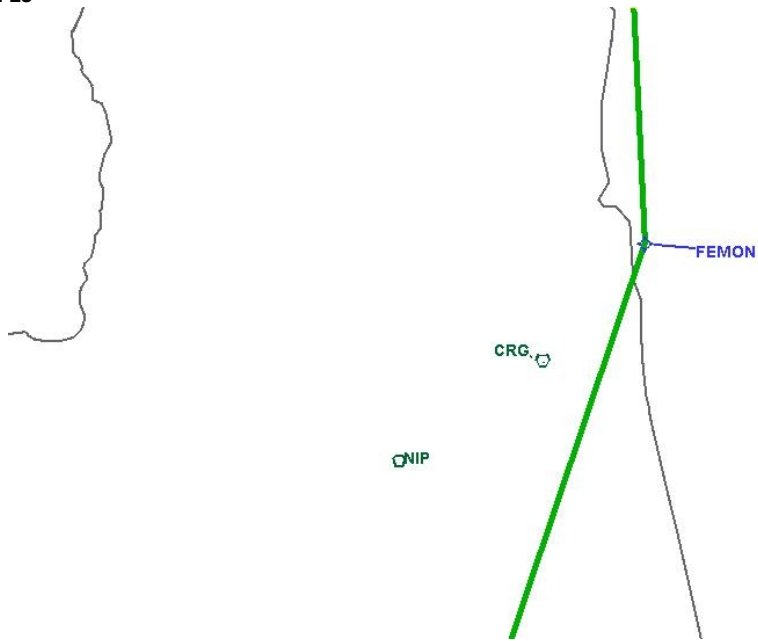
Graphic Depiction 14

DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ



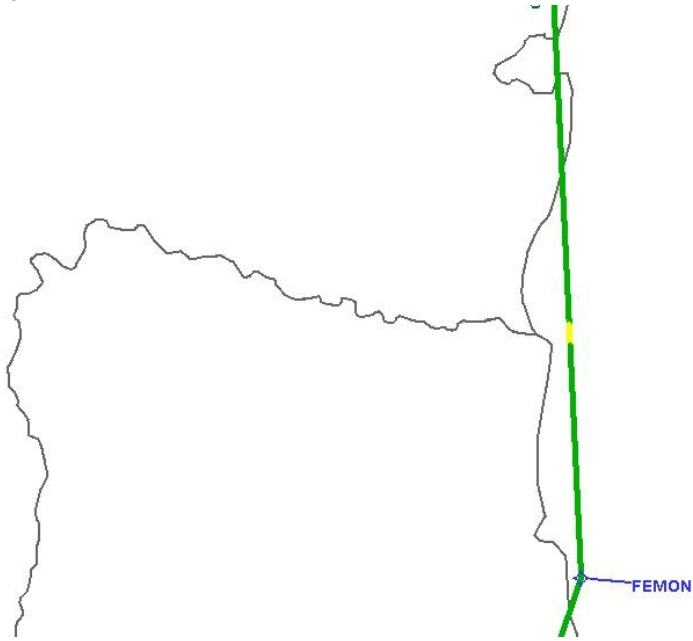
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 15



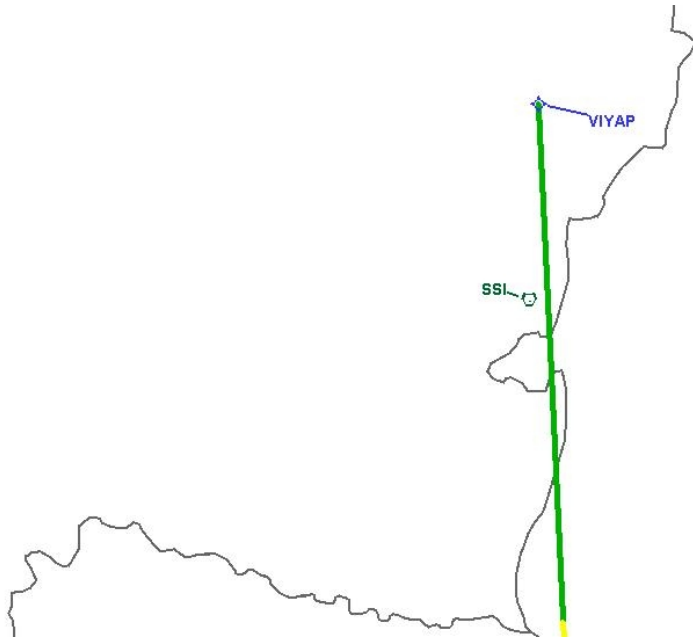
DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 16



DME DME Assessment Results for CSHEL7 path PULEC_TOLLZ

Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\SMELZ_VIYAP\KRSW CSHEL7 SID SMELZ VIYAP 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
SMELZ	WP	N28° 04' 59.00", W082° 06' 34.00"	10000	VNAV	200	FLY_BY	TF
JINOS	WP	N28° 28' 46.00", W082° 08' 52.00"	10000	VNAV	200	FLY_BY	TF
ETORE	WP	N29° 41' 49.00", W081° 40' 47.75"	10000	VNAV	200	FLY_BY	TF
FEMON	WP	N30° 27' 31.57", W081° 23' 36.20"	10000	VNAV	200	FLY_BY	TF
VIYAP	WP	N31° 15' 08.15", W081° 26' 08.18"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	16.6 %	16.6 %
2	SSI	N31° 03' 01.85", W081° 26' 45.47"	4.0 W	40	L	IFPA	NO	Enabled	22.2 %	22.2 %
3	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Enabled	29 %	29 %
4	SGJ	N29° 57' 24.23", W081° 19' 48.77"	6.0 W	25	T	IFPA	NO	Enabled	16.5 %	16.5 %
5	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	9.4 %	9.4 %
6	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	5.9 %	5.9 %
7	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	16.5 %	16.5 %
8	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	IFPA	NO	Enabled	37.5 %	37.5 %
9	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	35 %	35 %
10	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	38.3 %	38.3 %
11	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	5.6 %	5.6 %
12	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	22.8 %	22.8 %
13	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	39.3 %	39.3 %
14	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	51.1 %	51.1 %
15	AYS	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	L	IFPA	NO	Enabled	36.6 %	36.6 %
16	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LAL	MCF	SRQ	PIE	MLB	
11.0	MLB	SRQ	LAL	MCF		
18.5	MLB	SRQ	LAL			
18.9	MLB	SRQ	OCF	OMN	LAL	
32.6	OMN	OCF	MLB	SRQ		
41.4	MLB	SRQ	OCF			
43.6	OMN	OCF	MLB	SRQ		
64.1	OCF	SRQ	MLB			
68.4	OCF	GNV	SRQ	MLB		
68.7	OMN	GNV	OCF	MLB		
93.2	OCF	GNV	MLB			
96.0	ORL	GNV	OMN	MLB		
100.3	ORL	GNV	OMN			
100.8	GNV	CRG	ORL	OMN		
102.4	OMN	SGJ	GNV	CRG	ORL	
103.5	ORL	GNV	CRG	SGJ		
105.4	SGJ	OMN	GNV	CRG		
105.9	ORL	GNV	CRG	SGJ		
108.2	GNV	CRG	SGJ			
113.1	SGJ	CRG				
114.0	NIP	SGJ	GNV	CRG		
114.3	NIP	SGJ	CRG	AYS		
120.9	SGJ	CRG	NIP			
121.9	SGJ	CRG	AYS	NIP		
124.5	SGJ	CRG	NIP			
126.3	NIP	CRG				
131.3	NIP	CRG	SGJ	AYS		
137.1	NIP	SGJ	AYS			
139.9	AYS	NIP				
143.0	AYS	NIP	CRG			
145.7	AYS	CRG	NIP	SSI		
163.8	AYS	NIP	TAY	SSI	CRG	
171.0	TAY	SSI	AYS	CRG		
173.9	TAY	SSI	CRG			
176.0	AYS	CRG	TAY	SSI		
180.1	AYS	CRG	TAY			
180.4	TAY	AYS				
187.0	AYS	SSI	TAY			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SMELZ	JINOS	MCF, OMN, MLB, SRQ, OCF, LAL, PIE	
JINOS	ETORE	OMN, MLB, SRQ, OCF, LAL, ORL, GNV	
ETORE	FEMON	OMN, NIP, SGJ, ORL, SSI, CRG, AYS, GNV	
FEMON	VIYAP	NIP, SSI, CRG, AYS, TAY	

User Data Files

#	File Name
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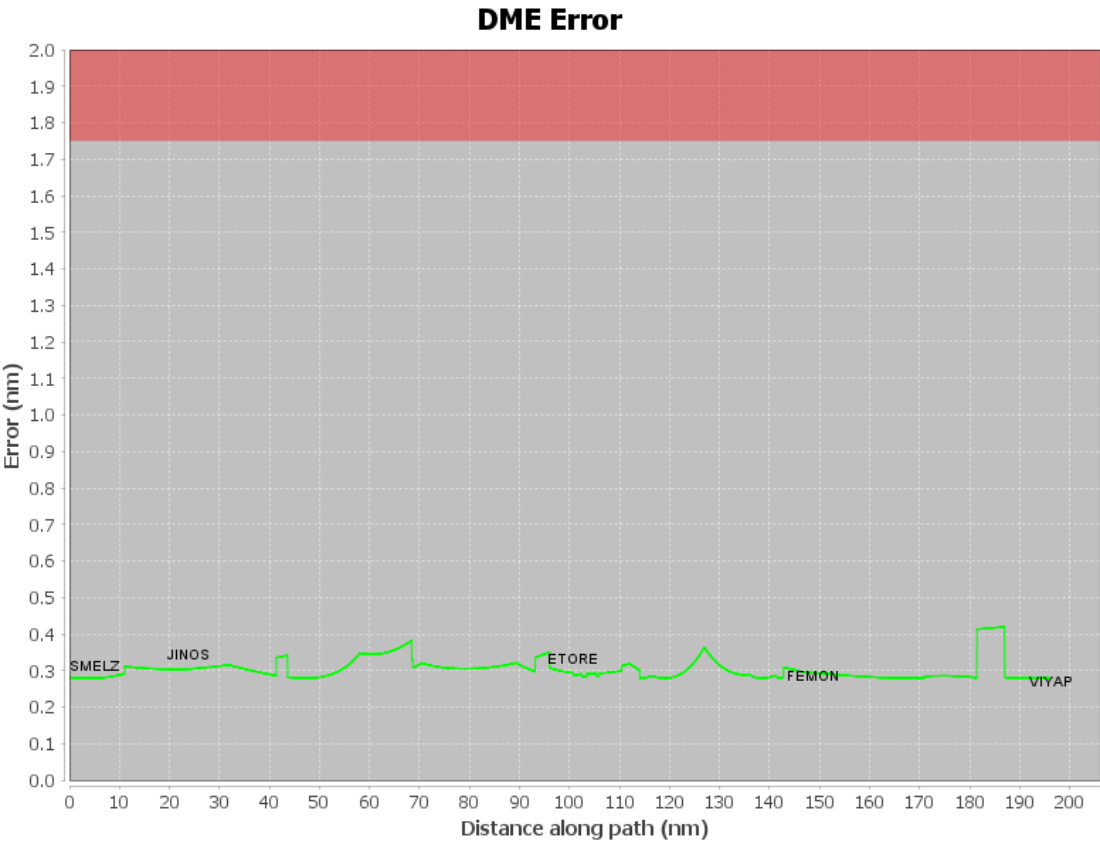
None

DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

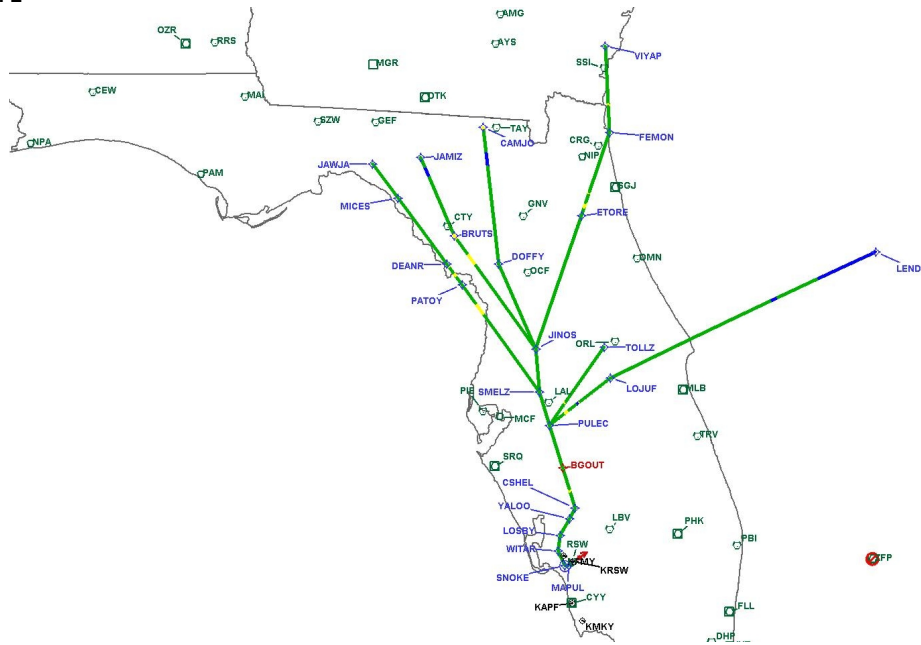
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
	ESV:	Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

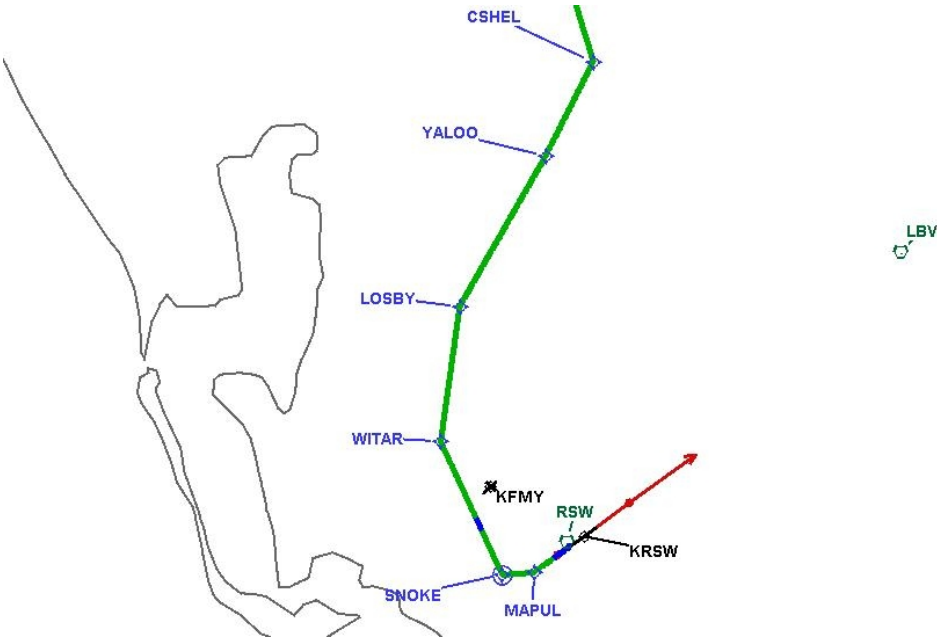


Graphic Depiction 1

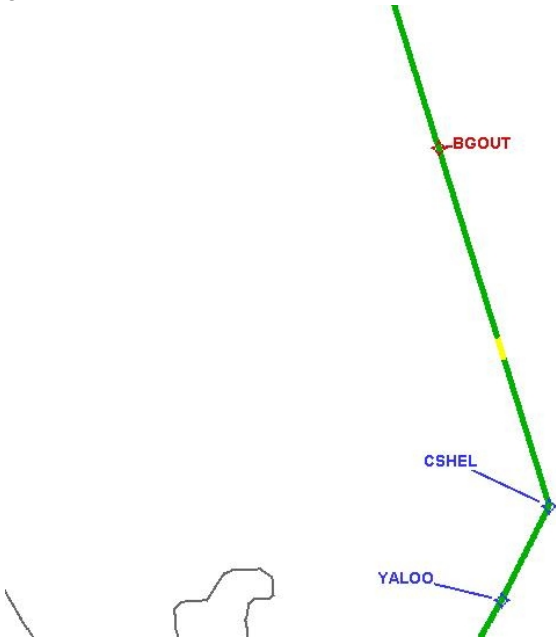


DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

Graphic Depiction 2

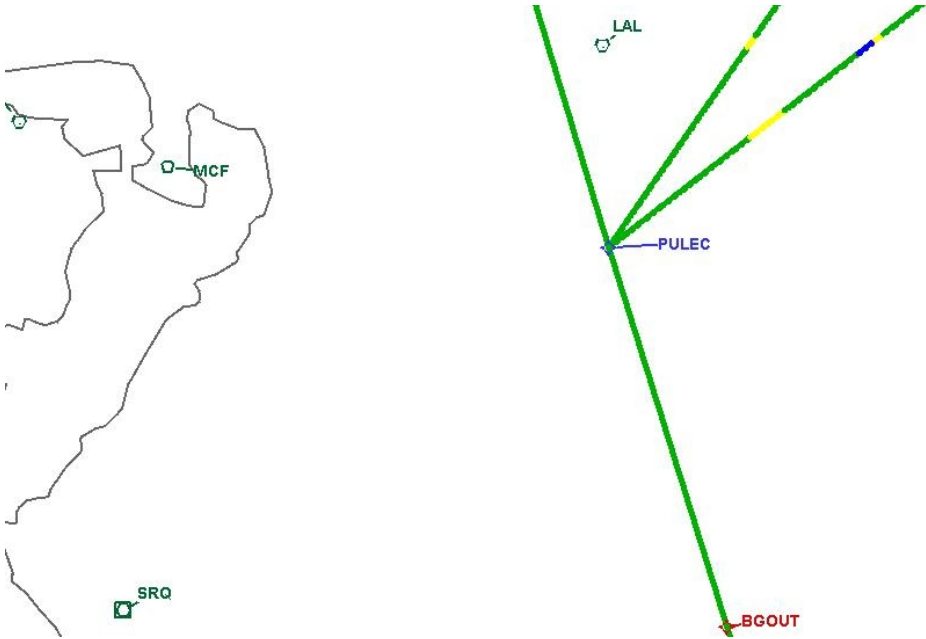


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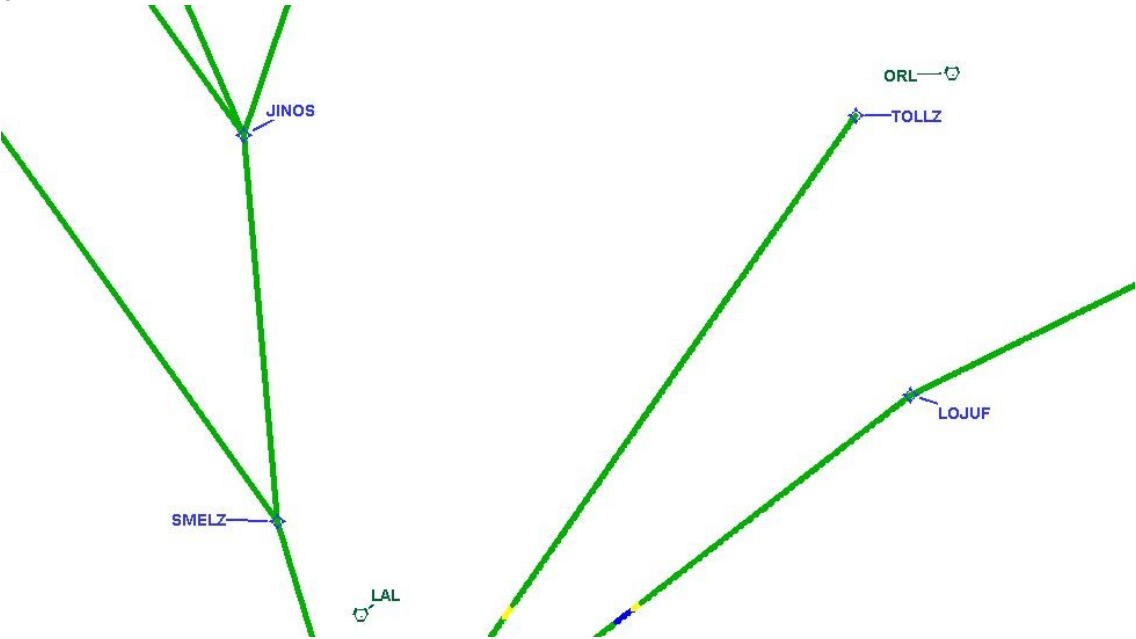
DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

Graphic Depiction 4

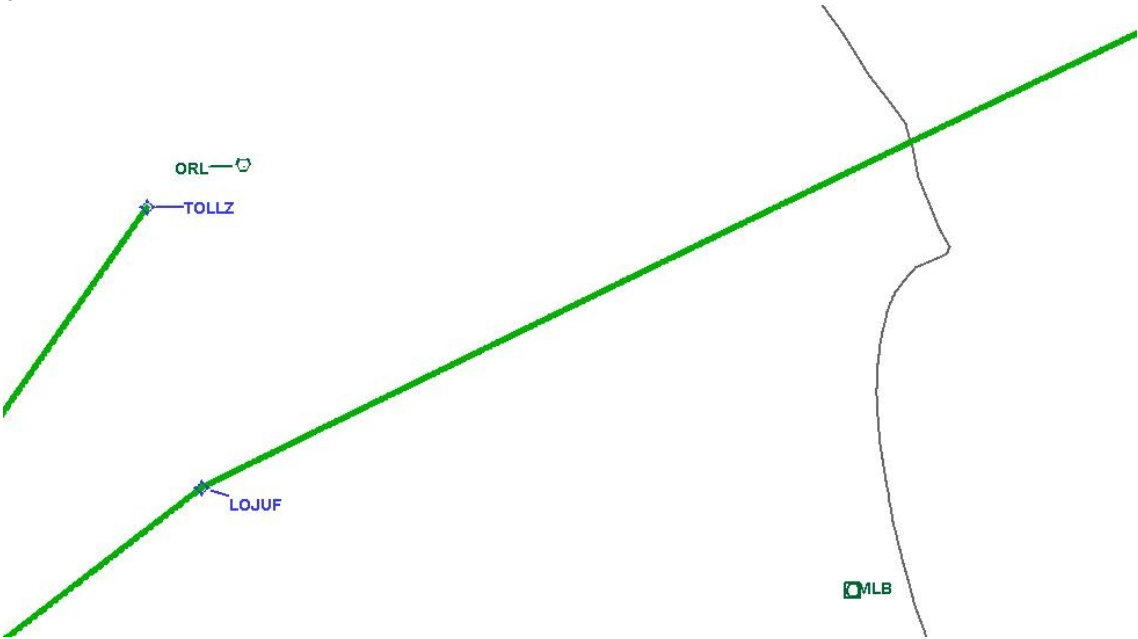


DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

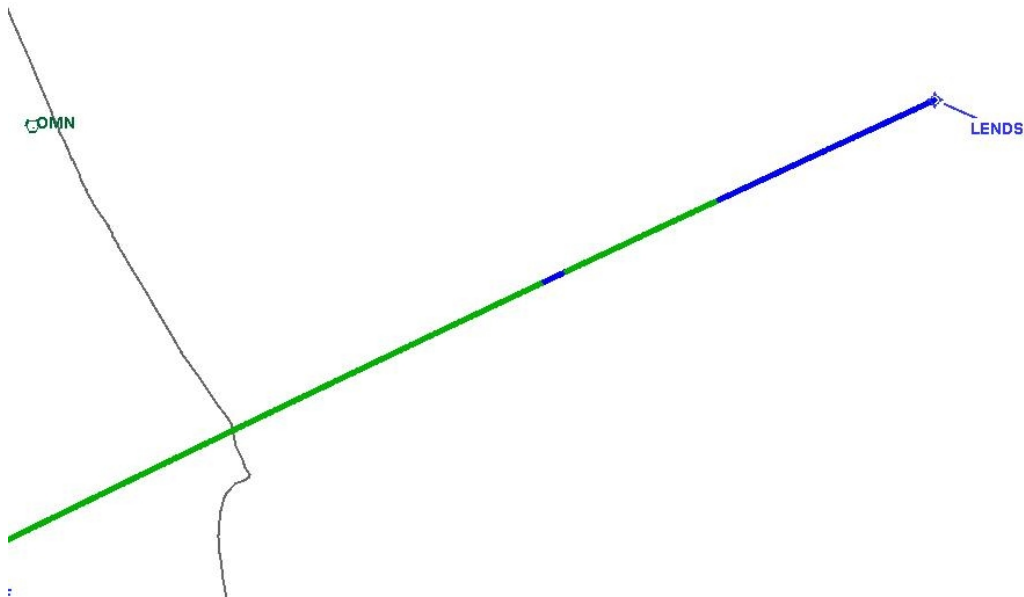
Graphic Depiction 5



Graphic Depiction 6



Graphic Depiction 7



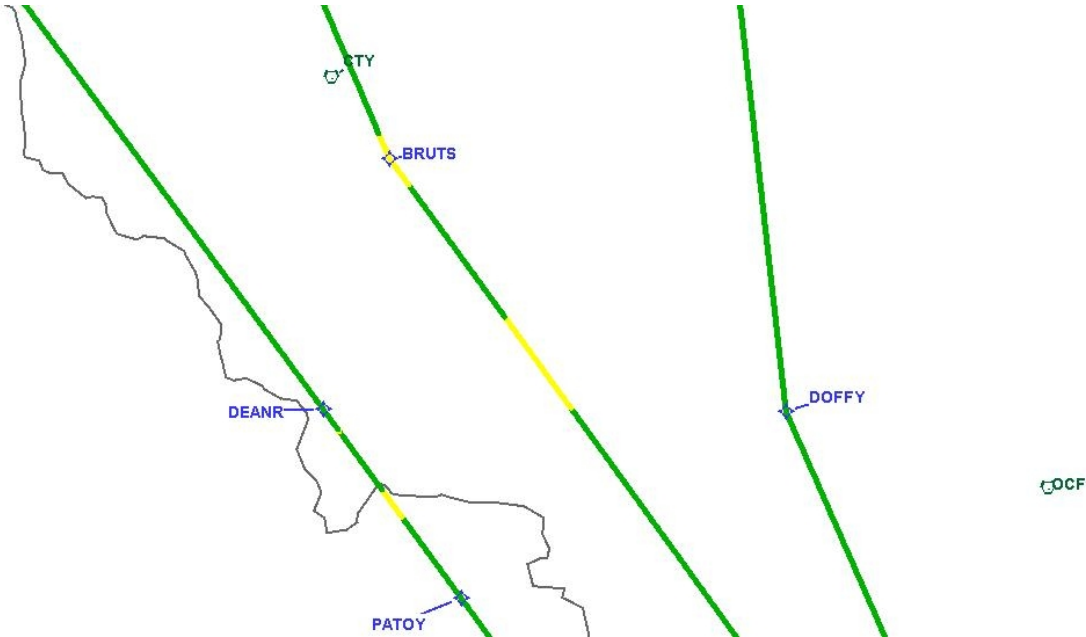
DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

Graphic Depiction 8

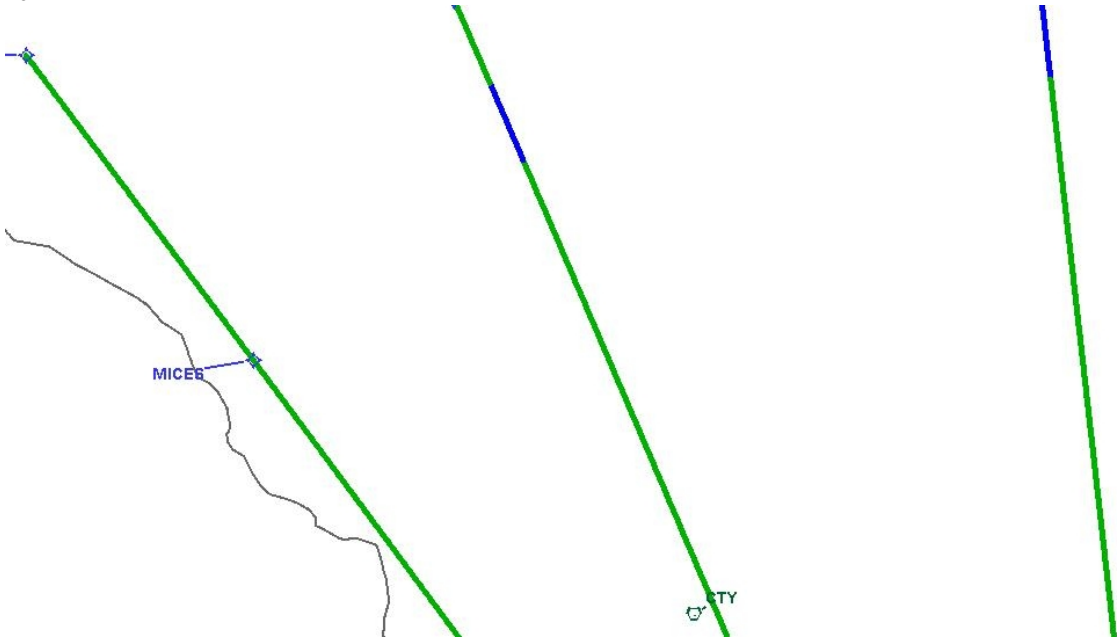


DME DME Assessment Results for CSHEL7 path SMELZ_VIYAP

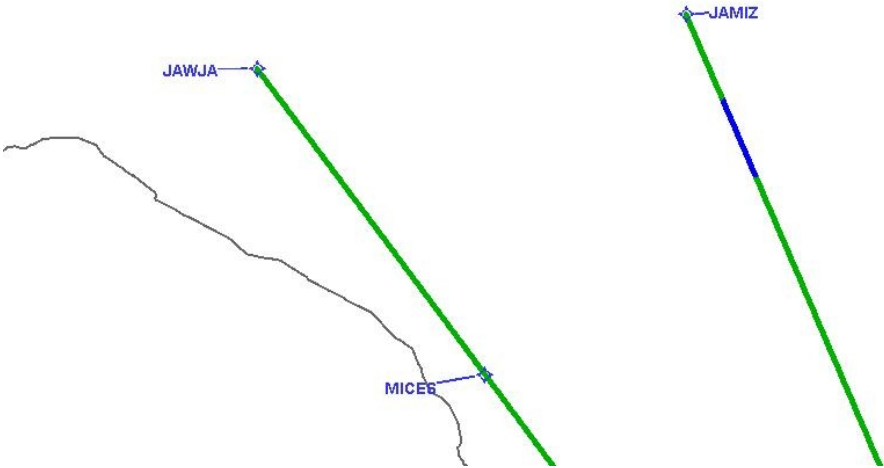
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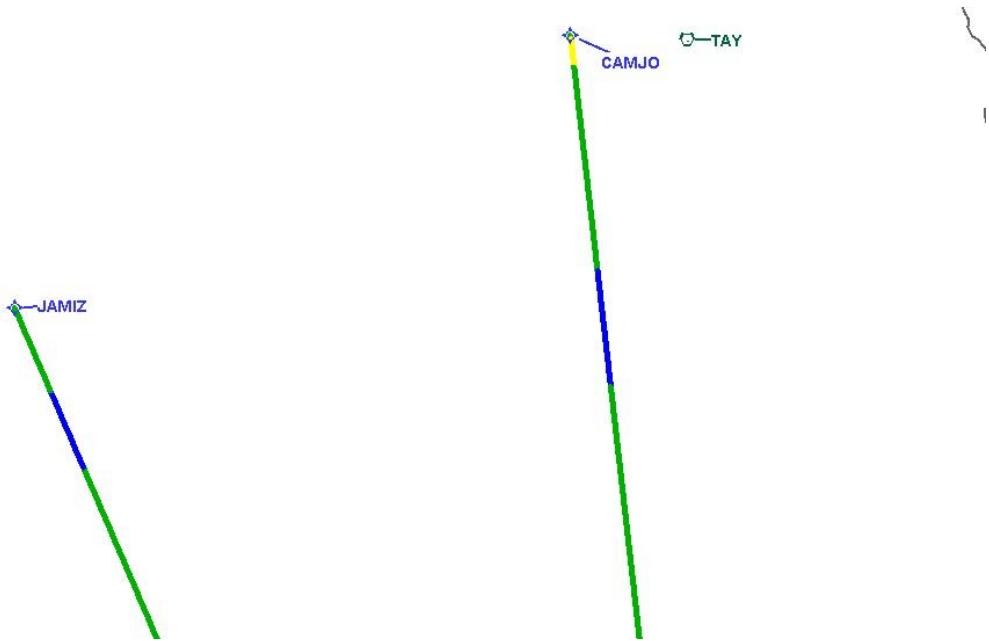
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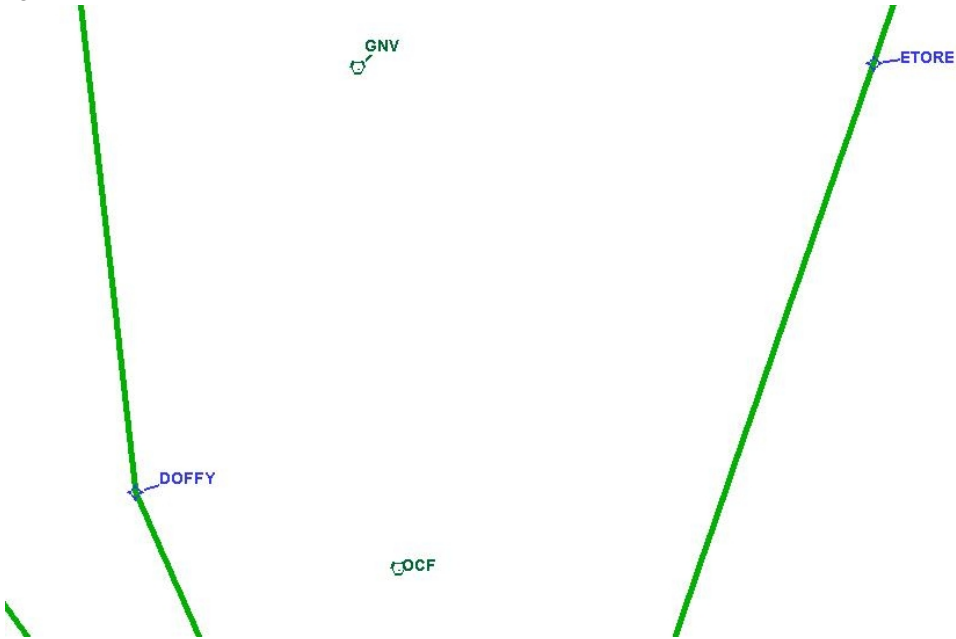
Graphic Depiction 11



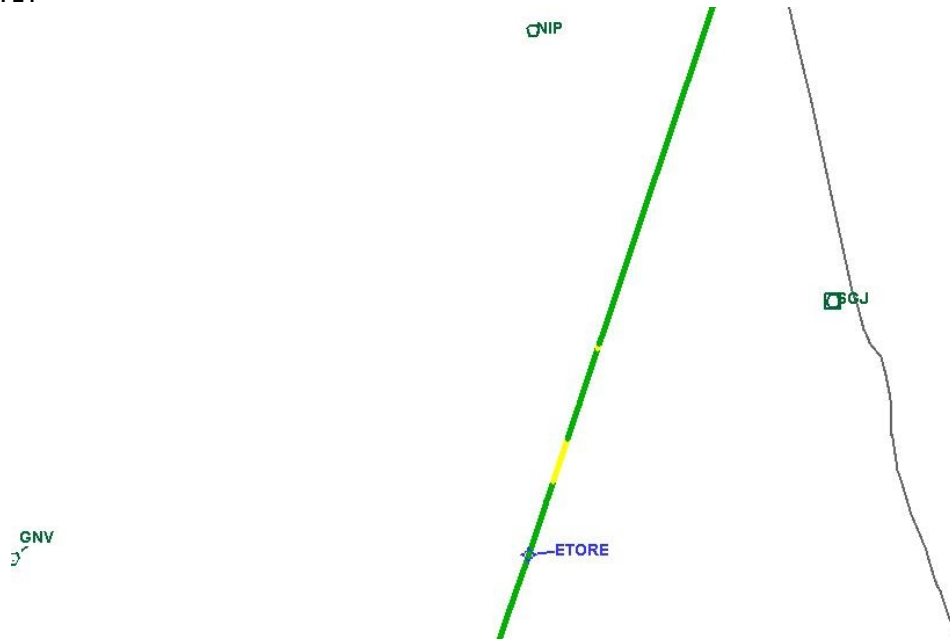
Graphic Depiction 12



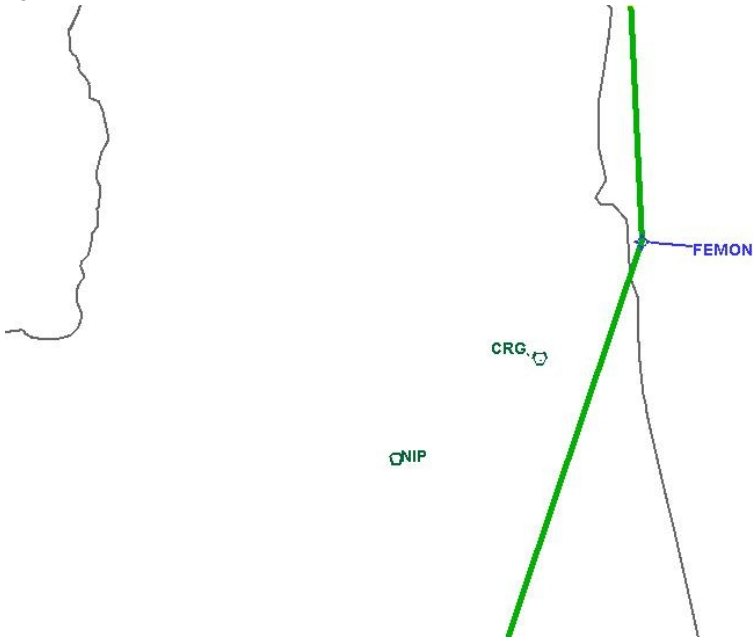
Graphic Depiction 13



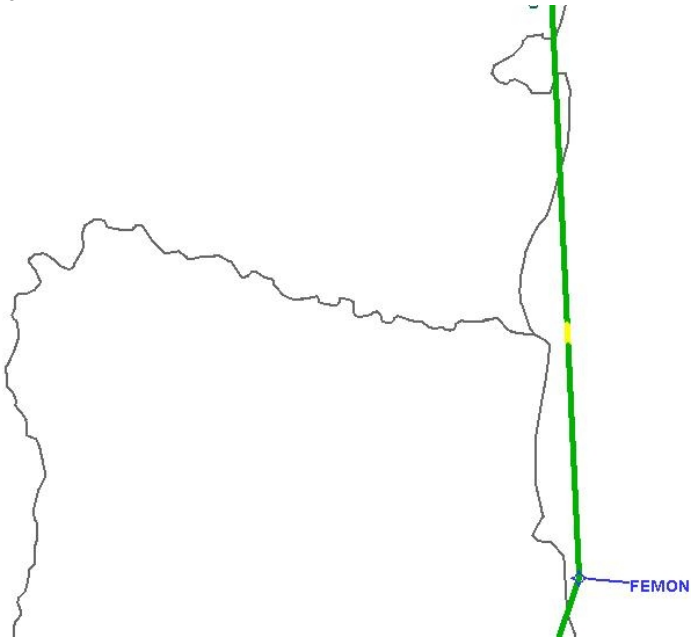
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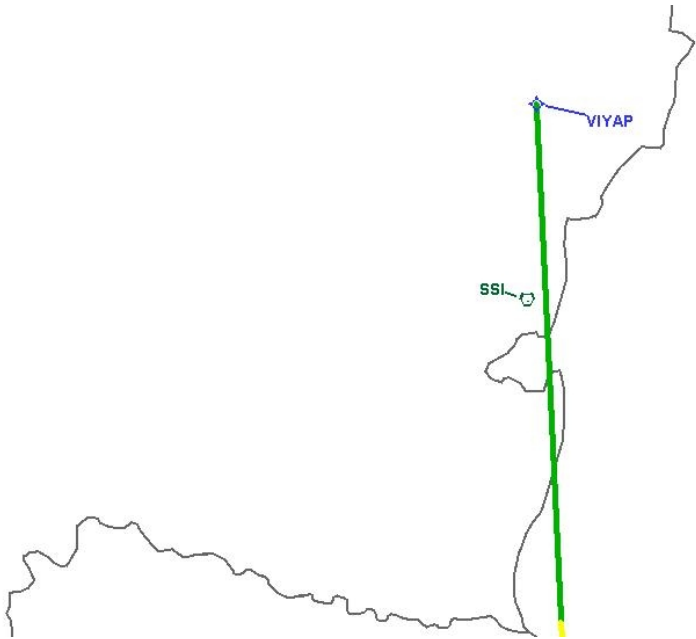
Graphic Depiction 15



Graphic Depiction 16



Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\CAMJO_JINOS\KRSW CSHEL7 SID CAMJO JINOS 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
CAMJO	WP	N30° 30' 32.00", W082° 41' 11.00"	10000	VNAV	200	FLY_BY	TF
DOFFY	WP	N29° 15' 22.73", W082° 31' 38.10"	10000	VNAV	200	FLY_BY	TF
JINOS	WP	N28° 28' 46.00", W082° 08' 52.00"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	65 %	65.1 %
2	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	7.1 %	7 %
3	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	1.5 %	1.5 %
4	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	2.8 %	2.8 %
5	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	41.3 %	41.3 %
6	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	59.8 %	59.8 %
7	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	62.9 %	62.9 %
8	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	51.9 %	51.9 %
9	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	60.8 %	60.8 %
10	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	29.9 %	29.9 %
11	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CTY	OTK	TAY	GNV	PZD	
0.1	CTY	OTK	PZD	GNV		
0.2	CTY	OTK	TAY	GNV	PZD	
2.0	GNV	TAY	CTY	OTK		
3.6	GNV	TAY	CTY			
10.1	GNV	TAY				
14.5						
21.7	TAY	GNV				
24.4	CTY	GNV	TAY			
39.4	TAY	GNV	CTY	OMN		
46.8	TAY	GNV	OCF	CTY	OMN	
57.0	OCF	GNV	CTY			
59.5	OCF	GNV	TAY	CTY	OMN	
74.0	CTY	GNV	OCF	SRQ		
79.9	OCF	GNV	TAY	OMN	SRQ	
86.6	TAY	OMN	OCF	SRQ		
88.3	OCF	MLB	SRQ			
91.0	TAY	OMN	SRQ	OCF	MLB	
100.7	OCF	MLB	OMN	SRQ		
117.1	OMN	LAL	MLB	SRQ	OCF	
122.3	MLB	SRQ	OMN	LAL		
124.9	MLB	SRQ	OMN	LAL	OCF	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 16' 05.46", W082° 39' 19.77"	N30° 08' 57.16", W082° 38' 25.00"	7.1653

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CAMJO	DOFFY	OMN, OCF, SRQ, OTK, CTY, PZD, TAY, GNV	
DOFFY	JINOS	OMN, MLB, OCF, SRQ, LAL, CTY, TAY, GNV	

User Data Files

#	File Name
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None

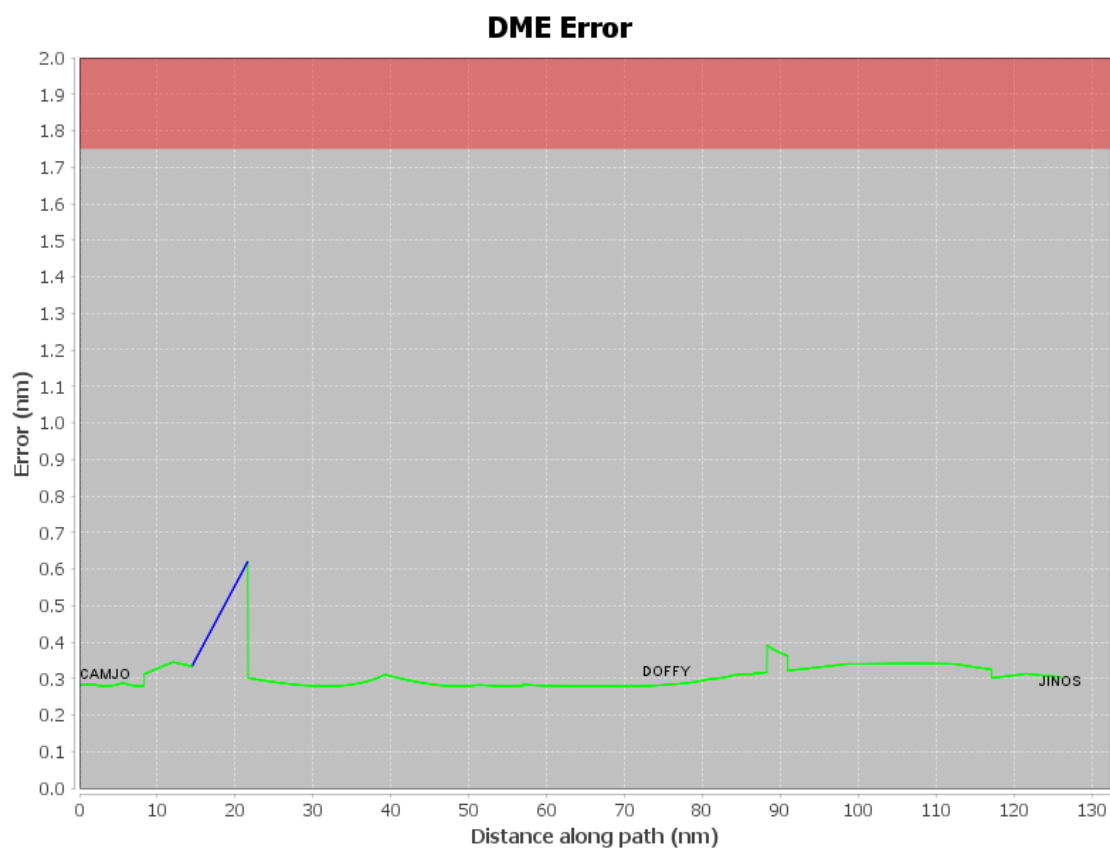
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

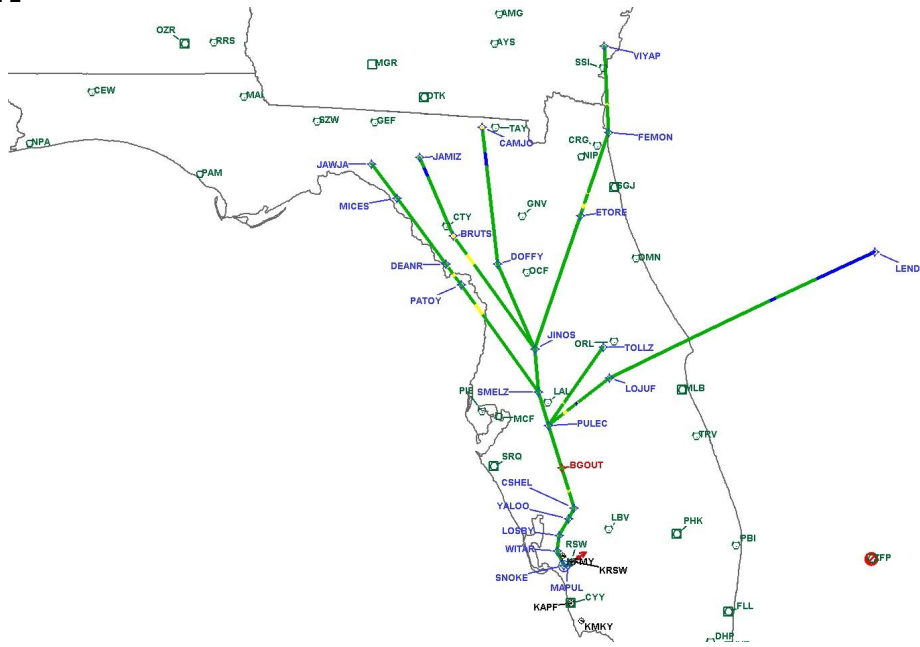
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
	ESV:	Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

DME DME Assessment Results for CSHEL7 path CAMJO_JINOS



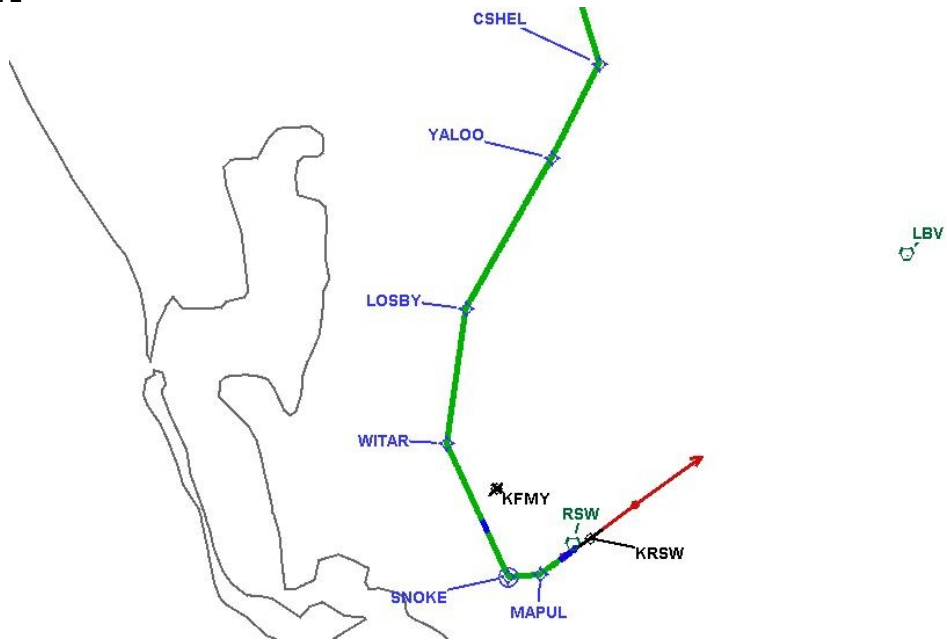
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 1



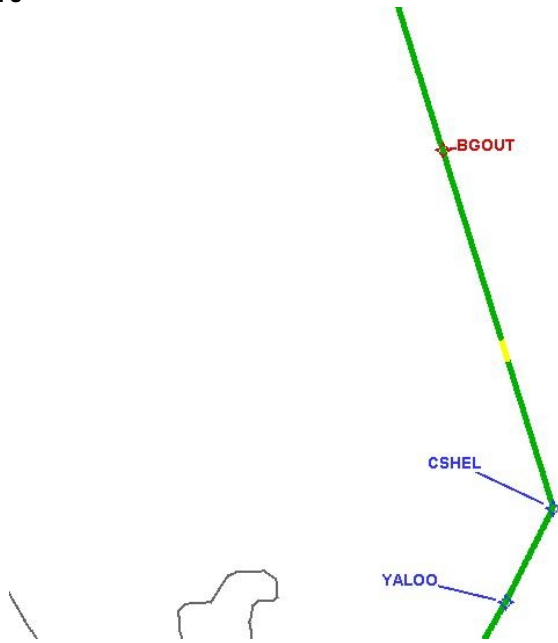
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 2



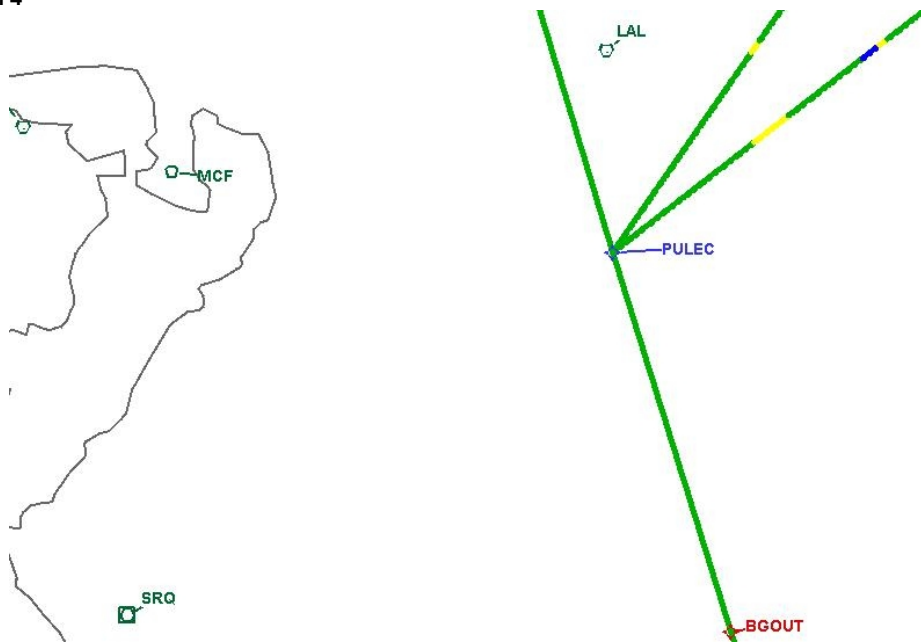
Graphic Depiction 3

DME DME Assessment Results for CSHEL7 path CAMJO_JINOS



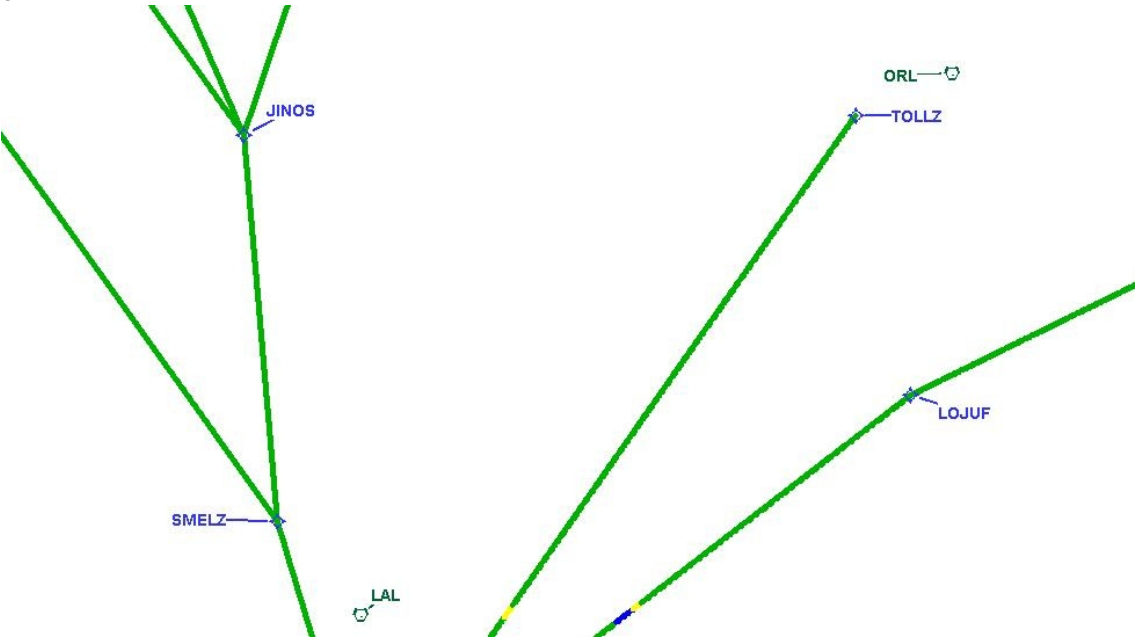
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 4



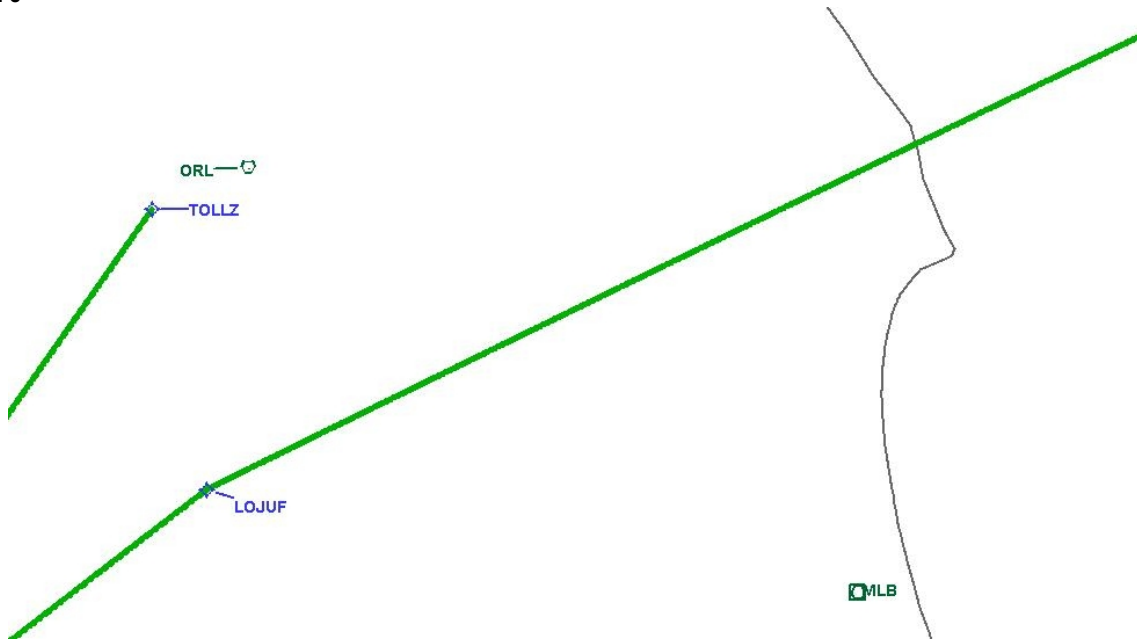
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 5



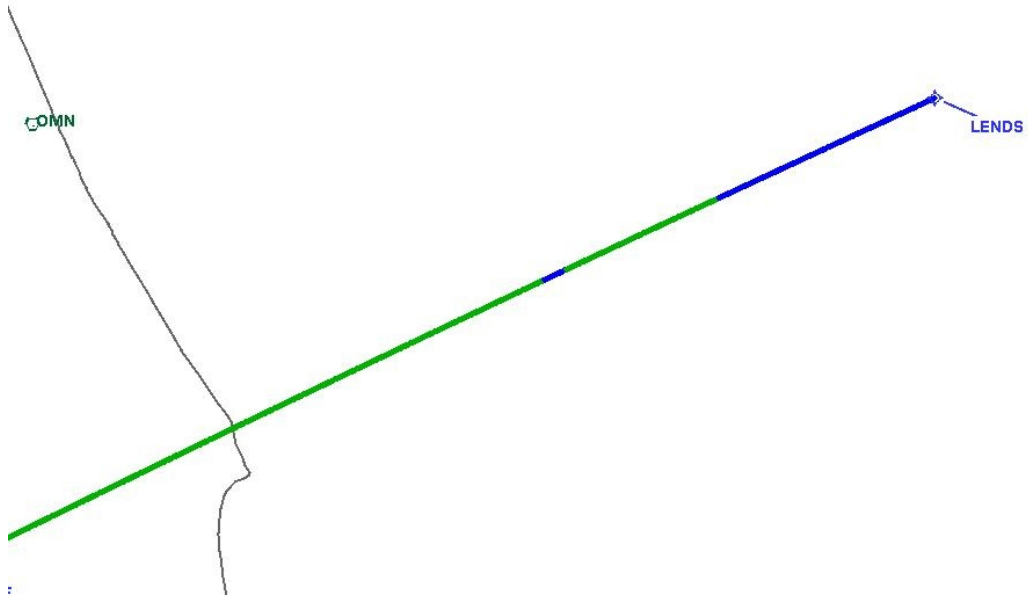
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 6



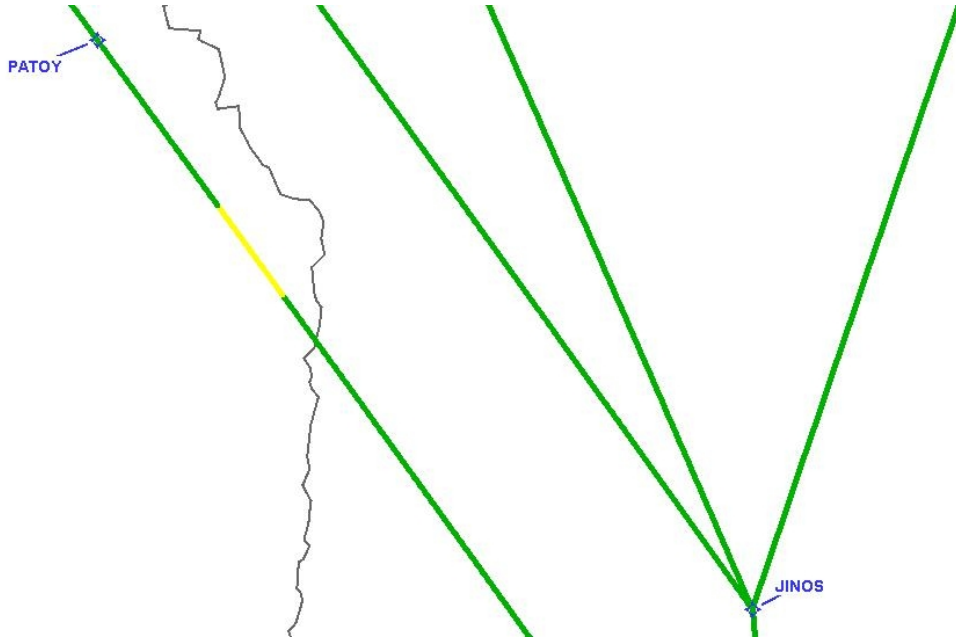
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 7



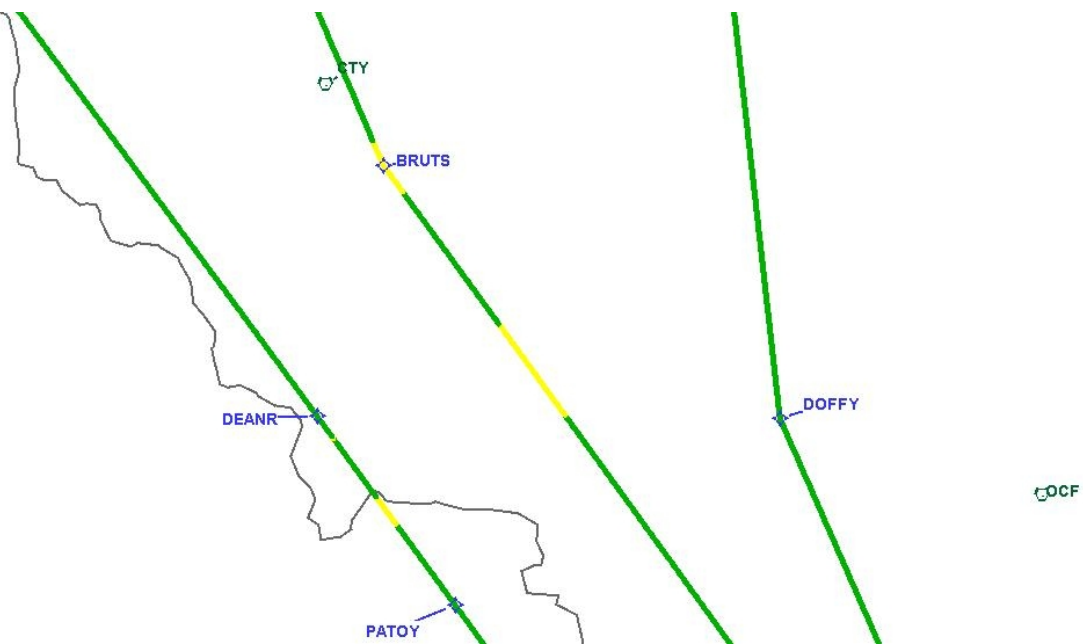
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 8



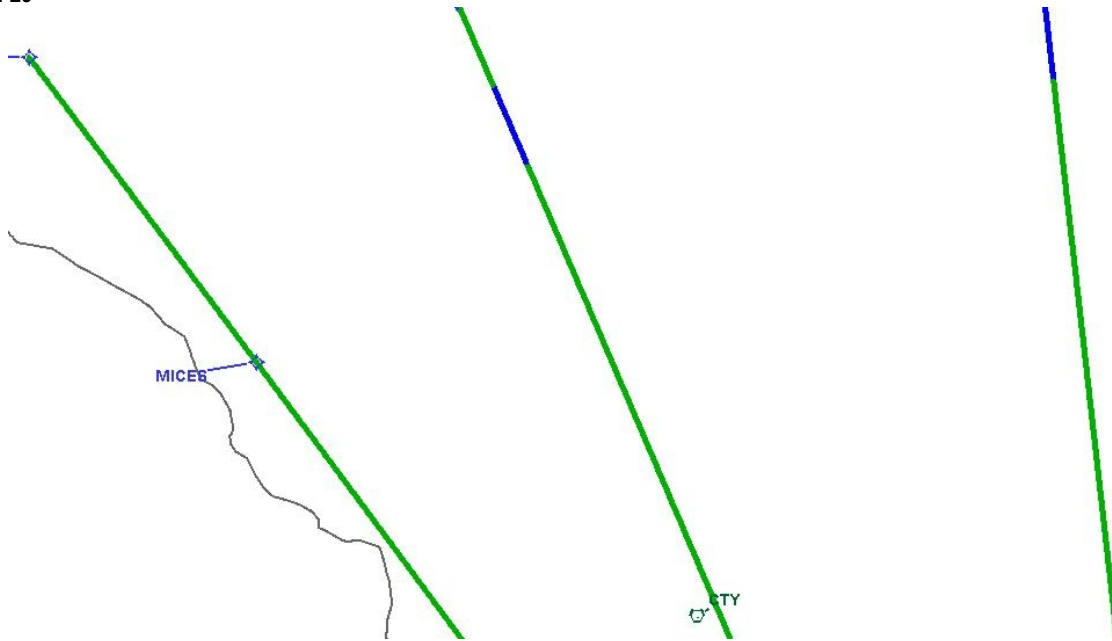
DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 9

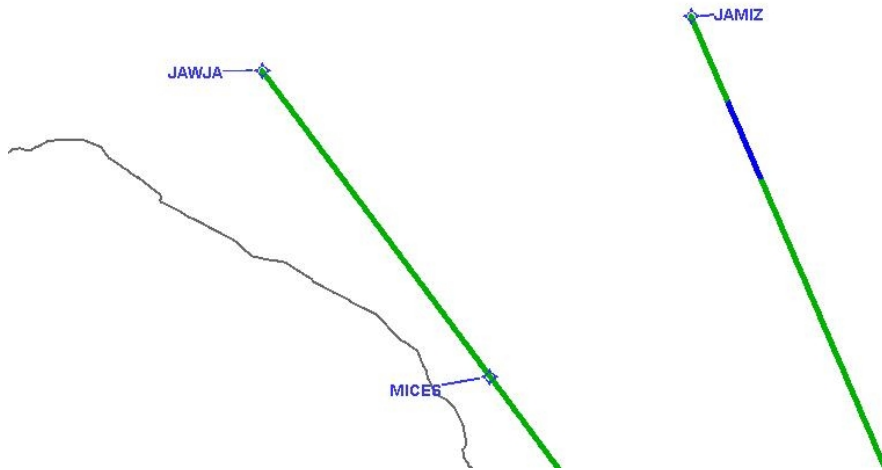


DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

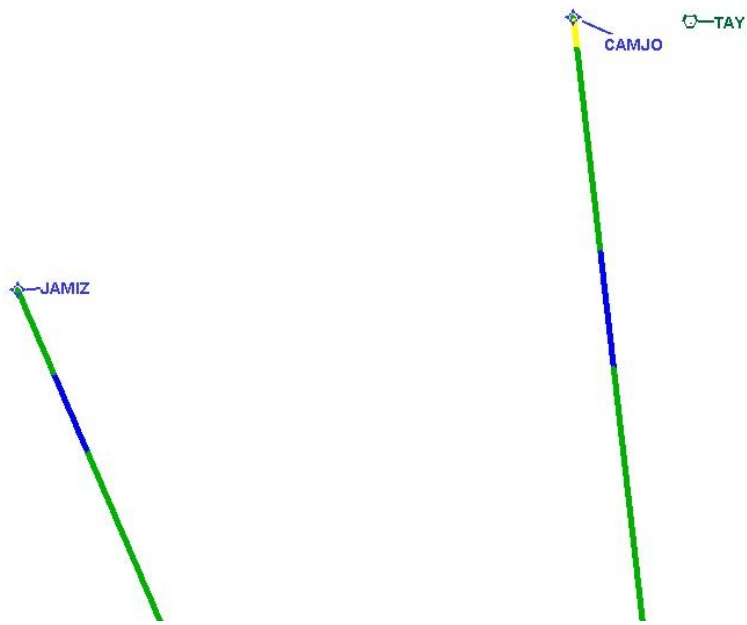
Graphic Depiction 10



Graphic Depiction 11

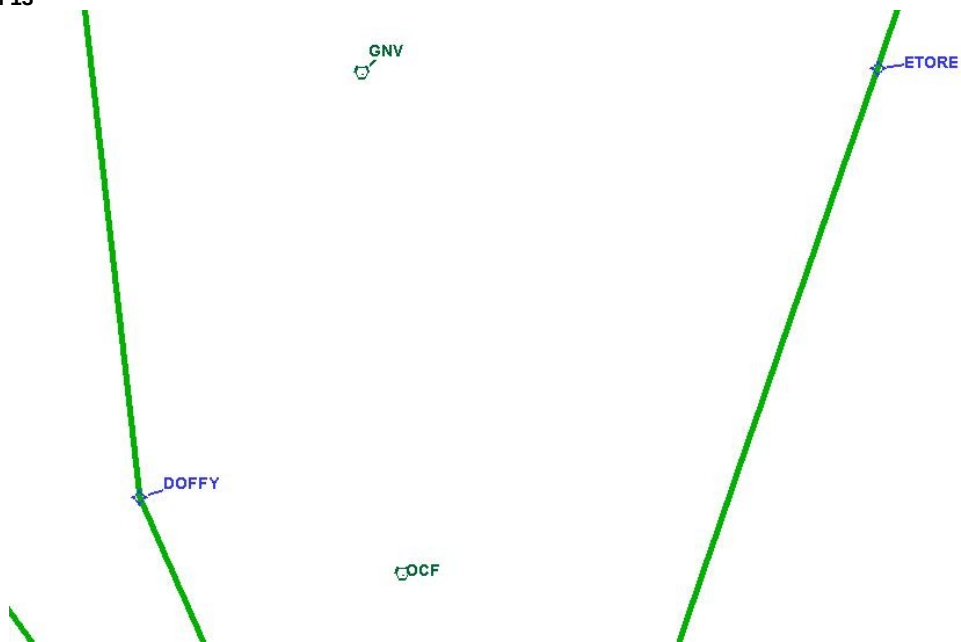


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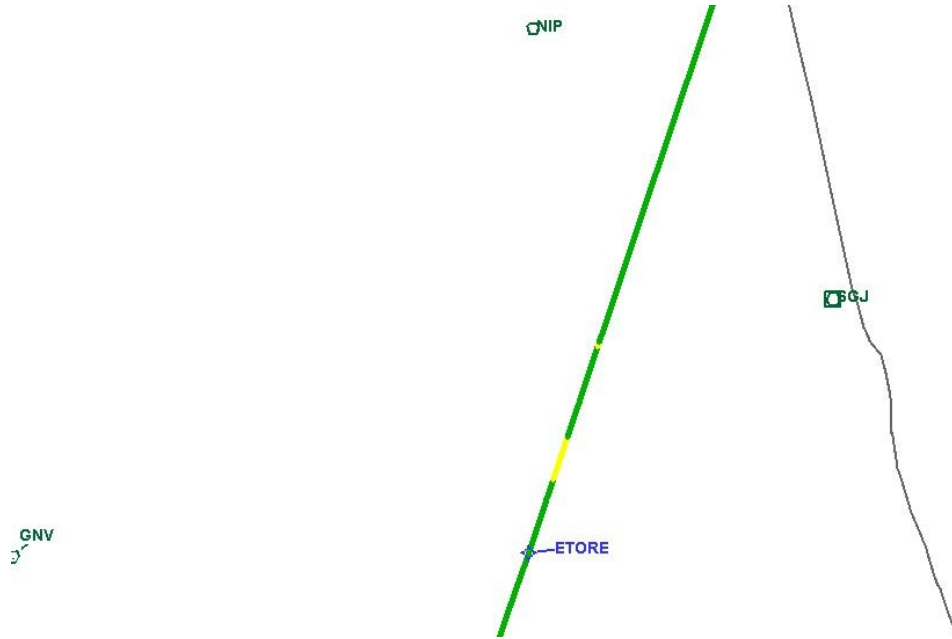


DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 13

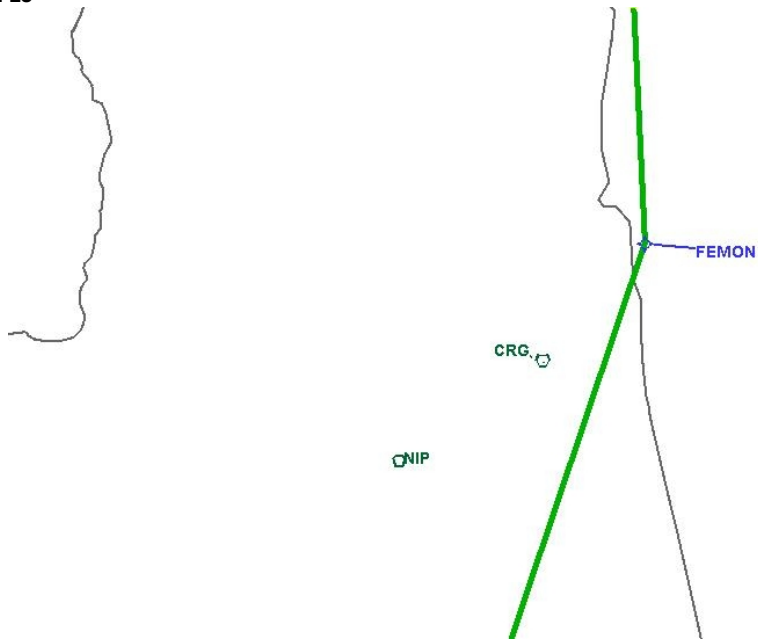


DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

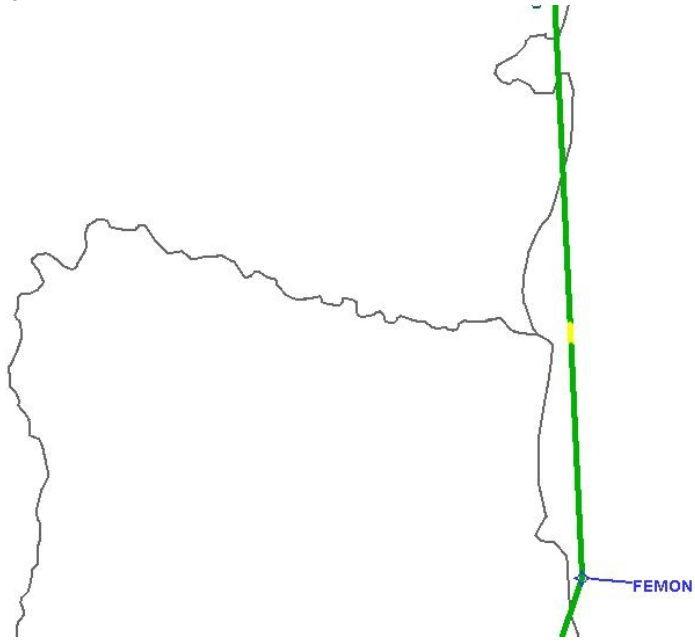


DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 15

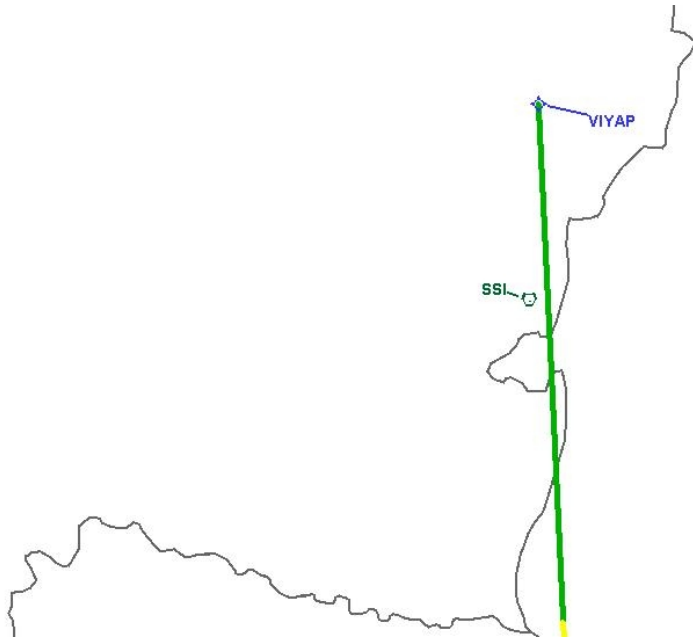


Graphic Depiction 16



DME DME Assessment Results for CSHEL7 path CAMJO_JINOS

Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\JAWJA_SMELZ\KRSW CSHEL7 SID JAWJA SMELZ 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
JAWJA	WP	N30° 10' 25.55", W083° 48' 58.94"	10000	VNAV	200	FLY_BY	TF
MICES	WP	N29° 51' 37.65", W083° 33' 18.30"	10000	VNAV	200	FLY_BY	TF
DEANR	WP	N29° 15' 30.40", W083° 03' 30.24"	10000	VNAV	200	FLY_BY	TF
PAToy	WP	N29° 03' 52.49", W082° 54' 00.09"	10000	VNAV	200	FLY_BY	TF
SMELZ	WP	N28° 04' 59.00", W082° 06' 34.00"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

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:	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:	ZFP

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	65.4 %	65.4 %
2	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	17.7 %	17.7 %
3	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	45.4 %	45.4 %
4	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	18.7 %	18.7 %
5	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	49.5 %	49.5 %
6	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	12.2 %	12.2 %
7	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	48.8 %	48.8 %
8	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled	11.7 %	11.7 %
9	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	12.2 %	12.2 %
10	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	45 %	45 %
11	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	18.4 %	18.4 %
12	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	21.8 %	21.8 %
13	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	29.9 %	29.9 %
14	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled	1.3 %	1.3 %
15	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GNV	GEF	SZW	CTY	PZD	
2.0	GNV	GEF	CTY	PZD		
7.5	OTK	CTY	GNV	GEF	PZD	
9.6	OTK	GNV	GEF	PZD		
14.8	OTK	CTY	GNV	GEF	PZD	
18.0	OTK	GNV	CTY	PZD		
18.8	OTK	GNV	CTY			
21.8	OTK	GNV	CTY	TAY		
34.8	TAY	CTY	GNV			
48.8	TAY	GNV				
51.8	LAL	CTY	GNV	TAY		
69.2	LAL	GNV	CTY	SRQ	TAY	
69.3	TAY	LAL	CTY	SRQ		
69.4	TAY	LAL				
73.8	OCF	CTY	TAY	SRQ	LAL	
75.9	TAY	LAL				
80.9	OCF	CTY	LAL	TAY	SRQ	
87.8	LAL	OCF	SRQ	TAY		
94.5	LAL	OCF	OMN	SRQ	TAY	
98.1	LAL	OCF	OMN	SRQ		
101.2	LAL	OCF	SRQ			
107.9	OCF	MLB	SRQ			
109.4	LAL	OCF	MLB	SRQ		
109.8	LAL	OCF	OMN	SRQ	MLB	
112.6	OMN	LAL	SRQ	MLB		
122.0	MLB	SRQ	LAL			
125.2	MLB	MCF	SRQ	LAL		
125.6	LAL	PIE	MLB	MCF	SRQ	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
JAWJA	MICES	SZW, OTK, GEF, CTY, PZD, TAY, GNV	
MICES	DEANR	LAL, OTK, CTY, TAY, GNV	
DEANR	PATTOY	SRQ, OCF, LAL, CTY, TAY, GNV	
PATTOY	SMELZ	OMN, MCF, MLB, OCF, SRQ, LAL, CTY, TAY, PIE	

User Data Files

#	File Name
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None	
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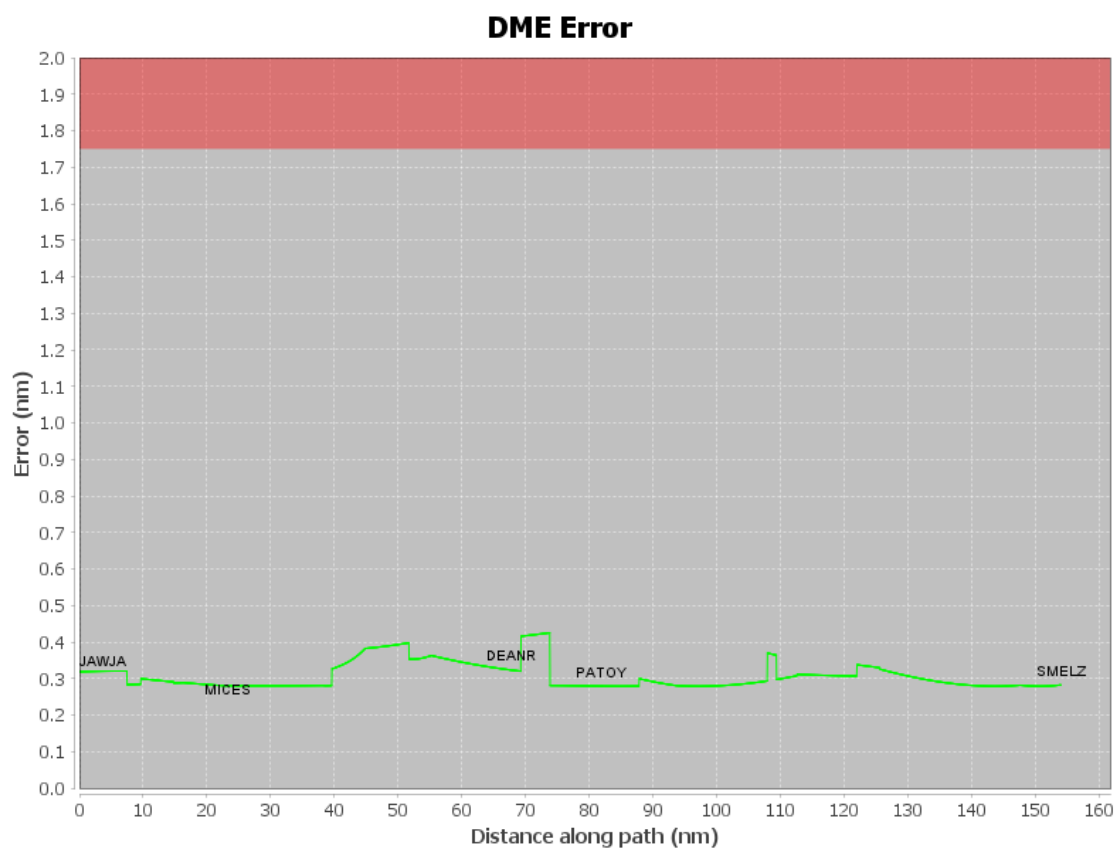
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

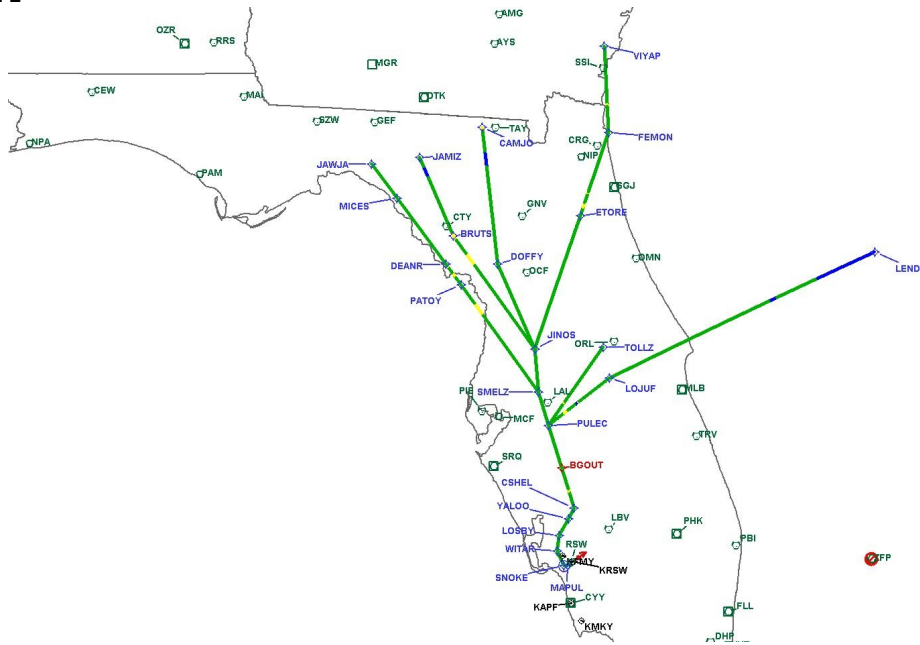
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
ESV:		Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°				Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft		
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
ESV:		Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft		

DME DME Assessment Results for CSHEL7 path JAWJA_SME LZ

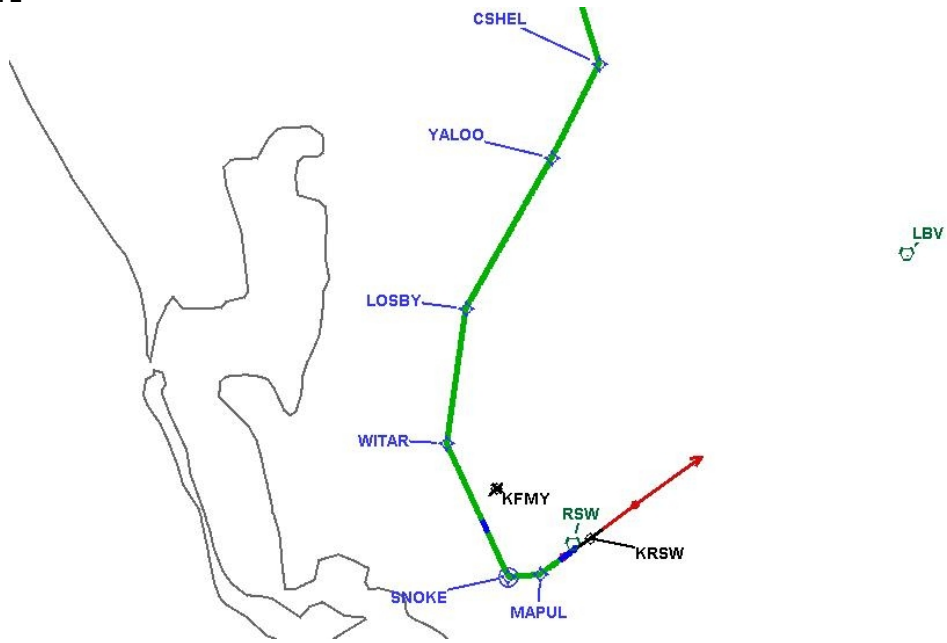


Graphic Depiction 1



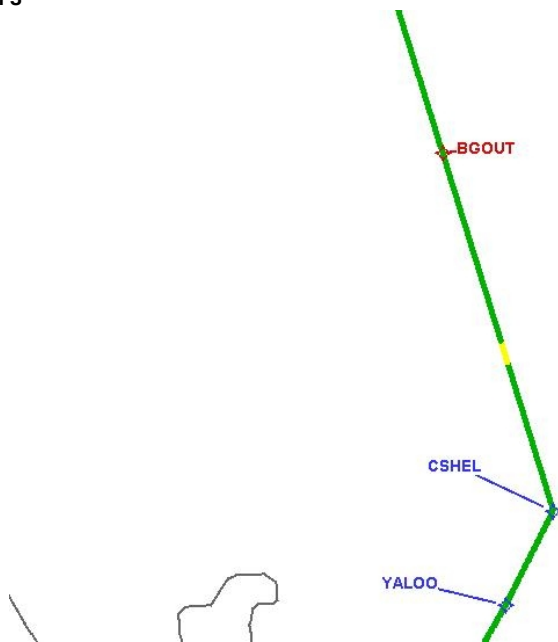
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 2



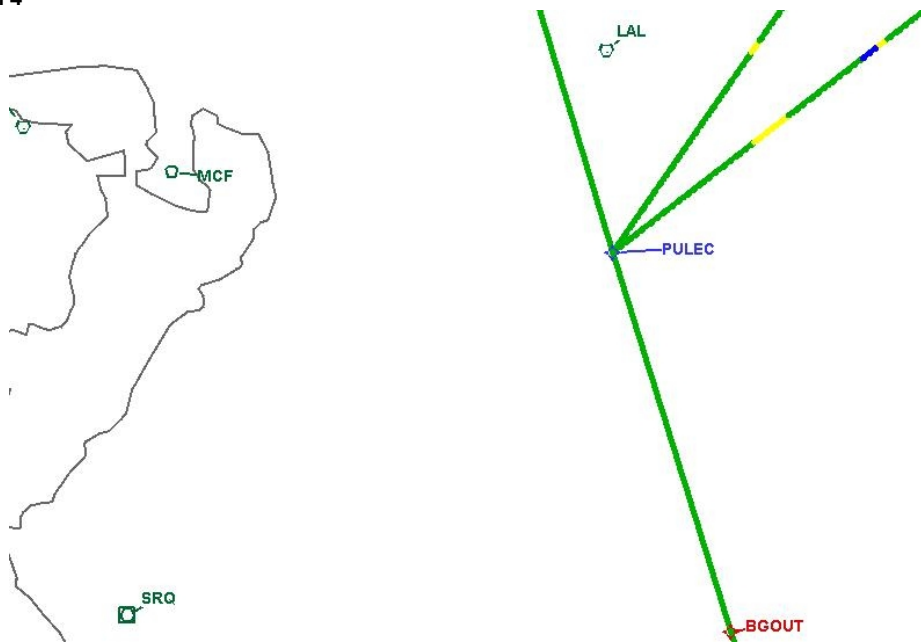
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 3



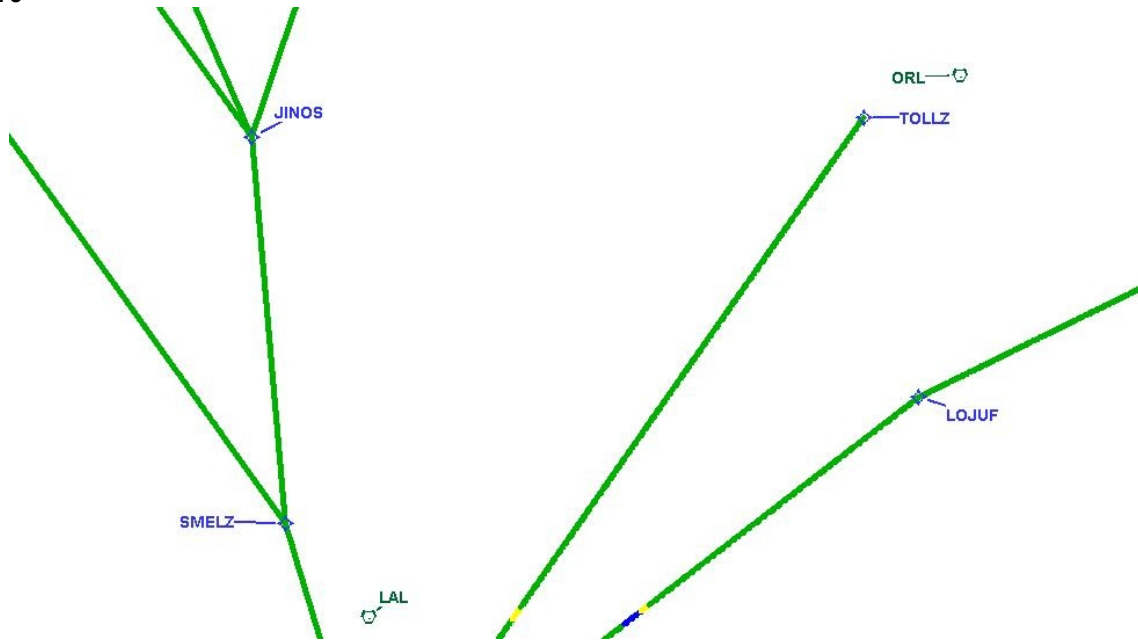
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 4



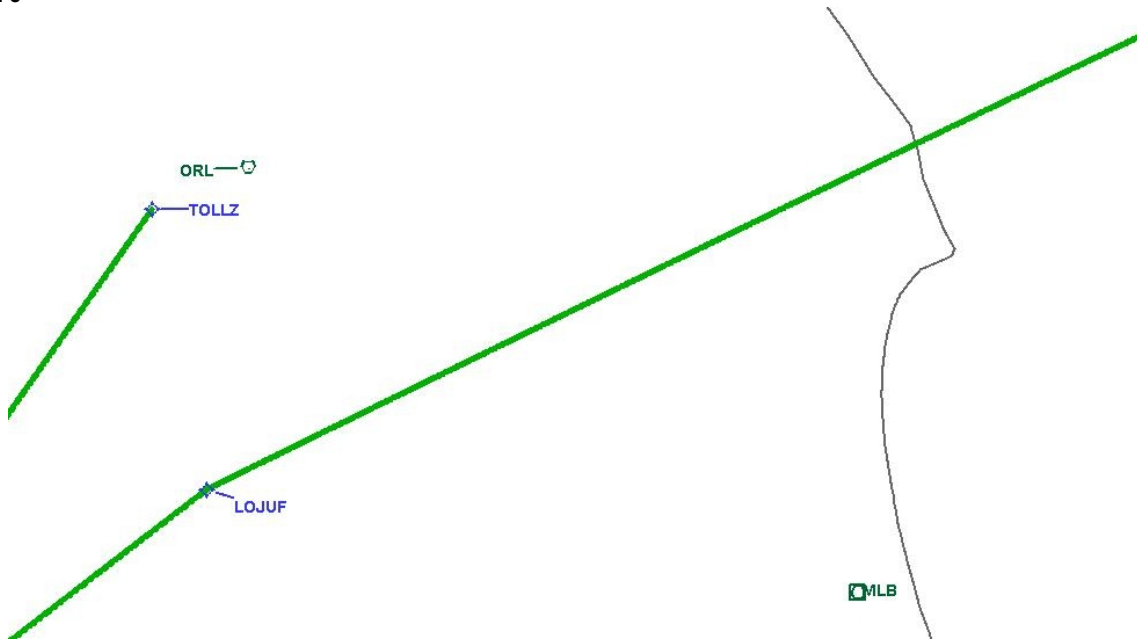
DME DME Assessment Results for CSHEL7 path JAWJA_SME LZ

Graphic Depiction 5



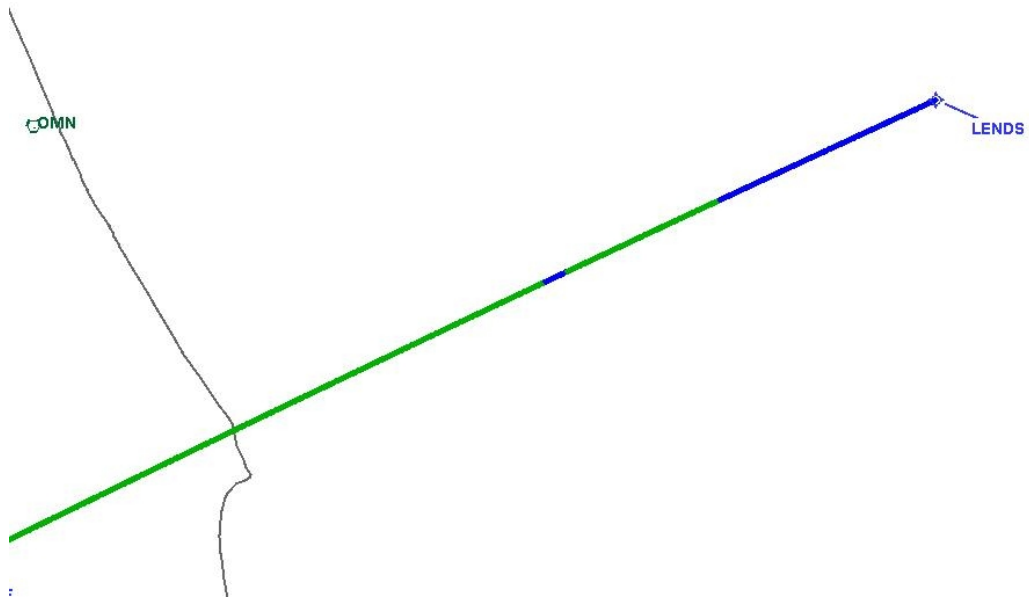
DME DME Assessment Results for CSHEL7 path JAWJA_SME LZ

Graphic Depiction 6



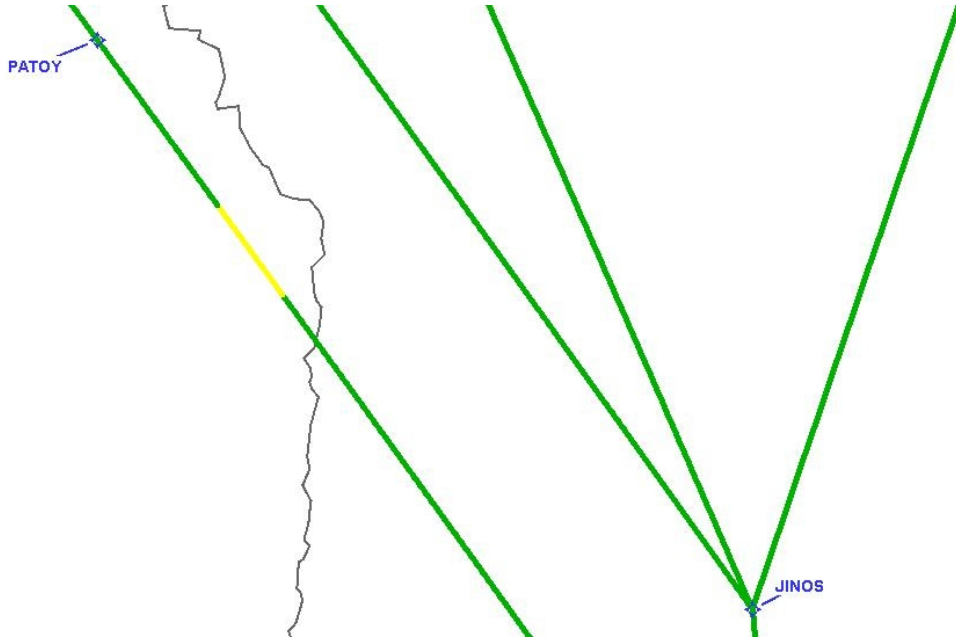
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 7



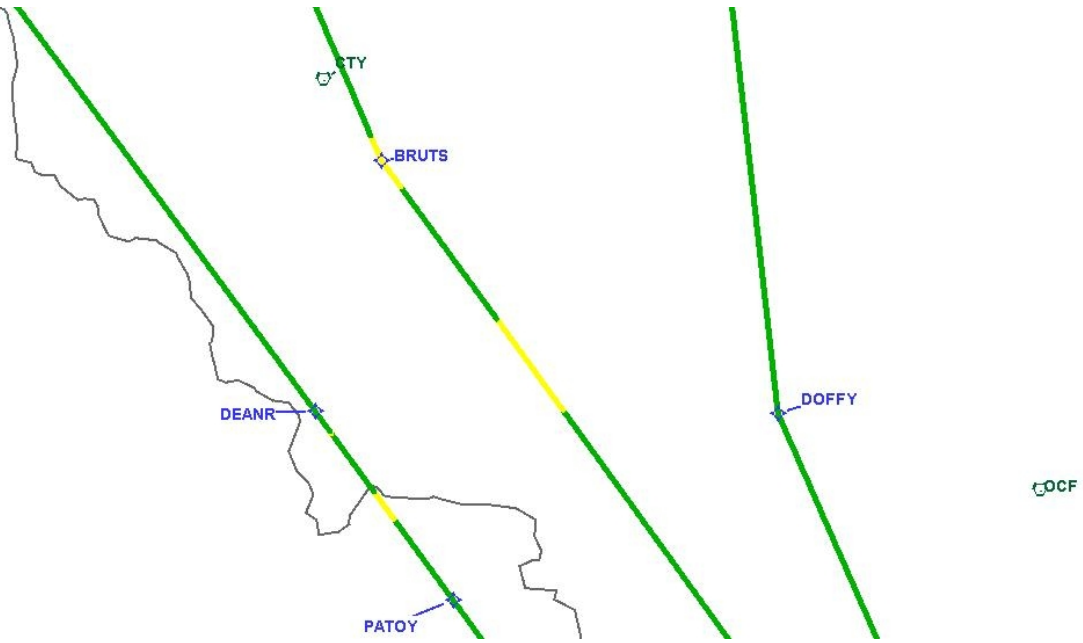
DME DME Assessment Results for CSHEL7 path JAWJA_SMEZ

Graphic Depiction 8



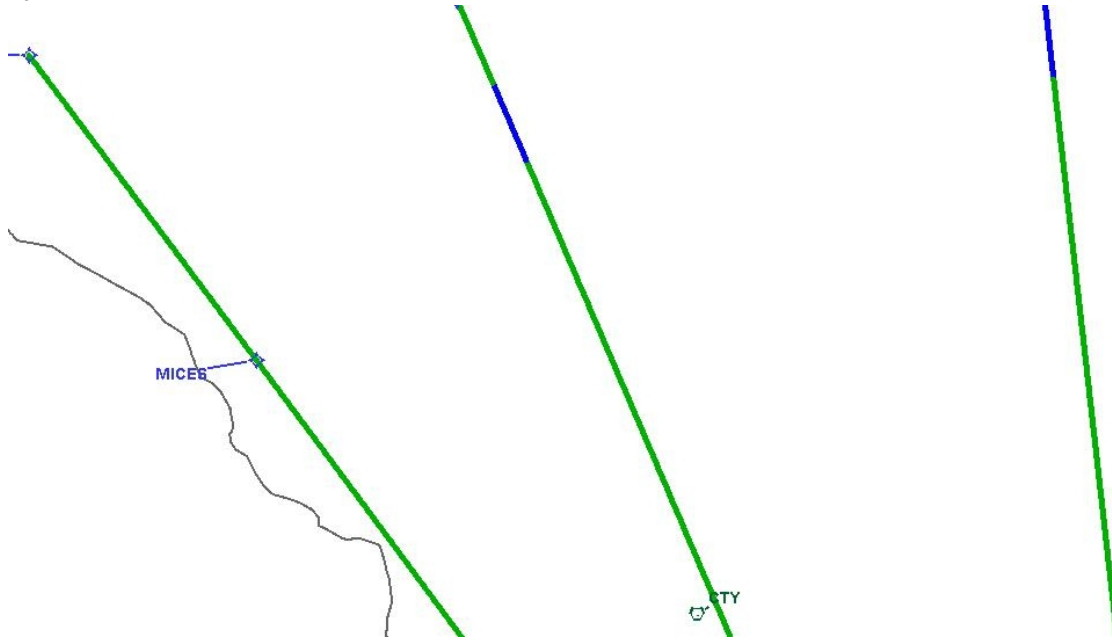
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 9



DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

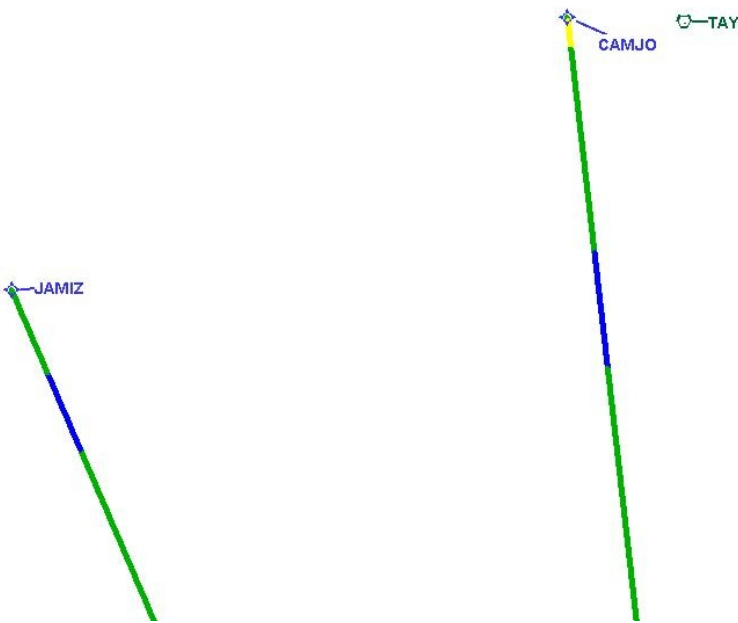
Graphic Depiction 10



DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

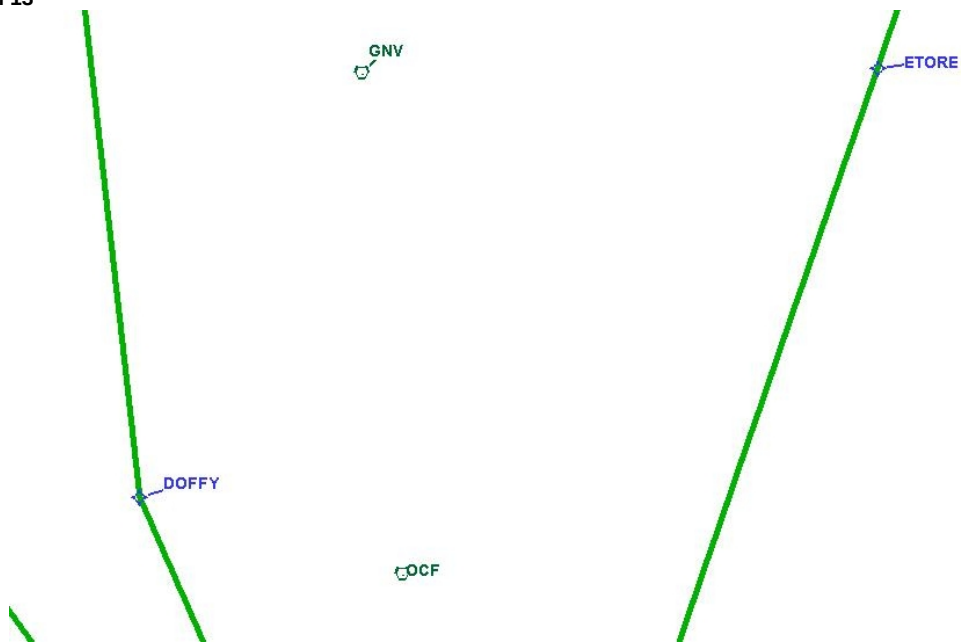
Graphic Depiction 11



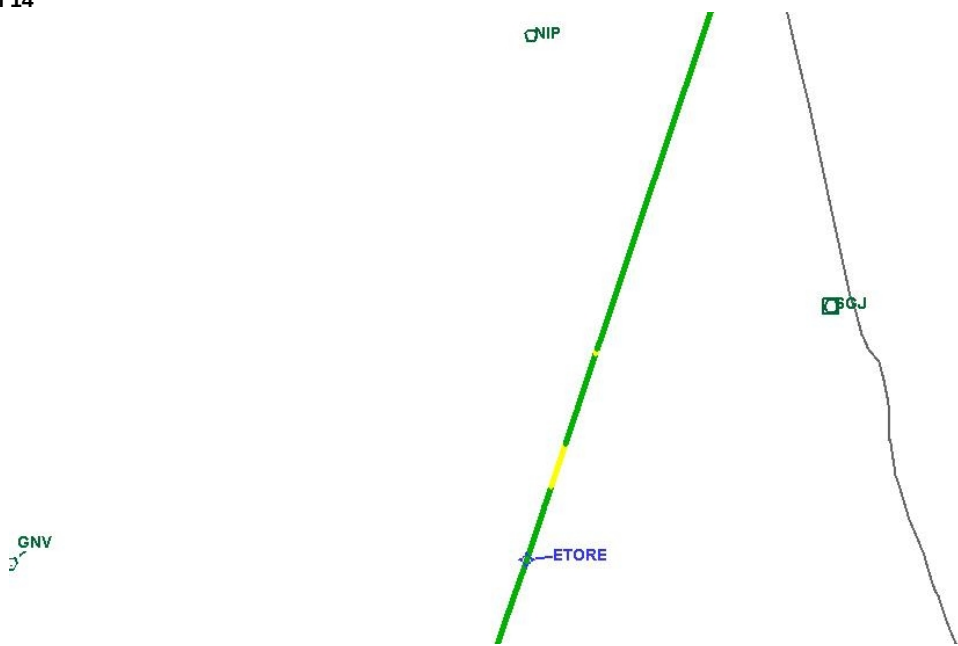


DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 13

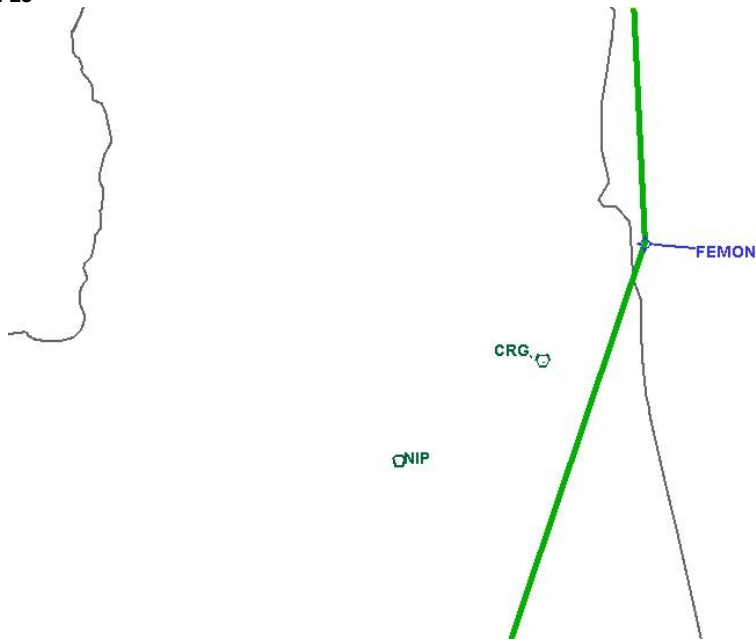


Graphic Depiction 14



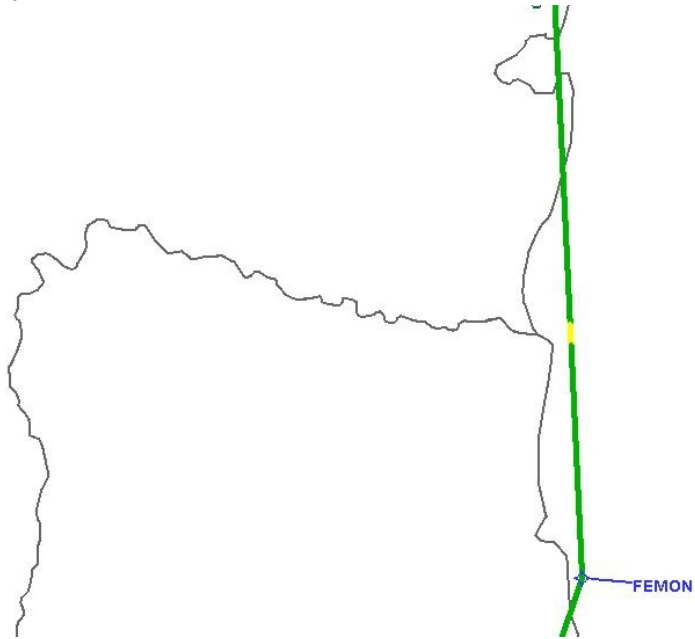
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 15



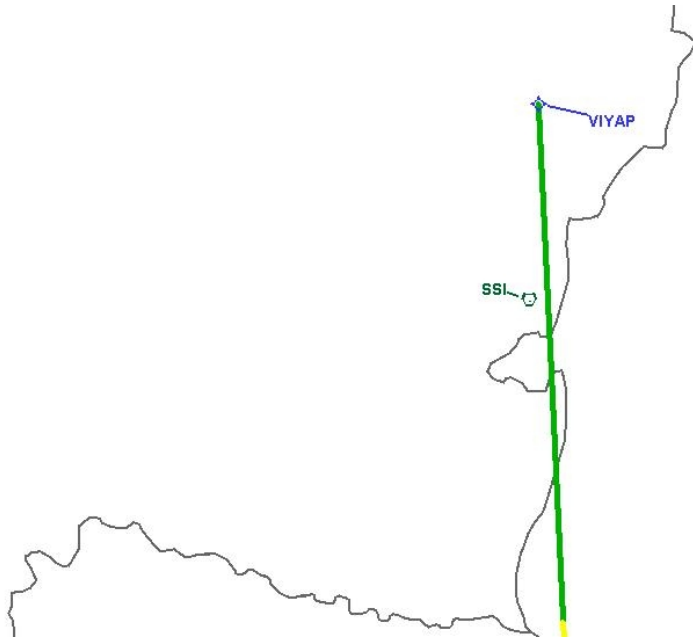
DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 16



DME DME Assessment Results for CSHEL7 path JAWJA_SMELZ

Graphic Depiction 17



DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

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\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\KRSW CSHEL7 (RNAV) SID DME 24 NOV 2023.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\ZJX_ZMA VOR MON\KRSW CSHEL7 SID\FOR SUBMITTAL\KRSW [IFPA] CSHEL7 20231124_0832 EST\VIYAP_JINOS\KRSW CSHEL7 SID VIYAP JINOS 20231124_0832 EST.pdf
Procedure Name:	CSHEL7
Software: DmeDmePlugin:	7.2.1
Date/Time:	11/24/2023 08:32 EST
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

NO REVERSE RUN FROM JAMIZ TO JINOS DUE TO LACK OF DME/DME RESOLUTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
VIYAP	WP	N31° 15' 08.15", W081° 26' 08.18"	10000	VNAV	200	FLY_BY	TF
FEMON	WP	N30° 27' 31.57", W081° 23' 36.20"	10000	VNAV	200	FLY_BY	TF
ETORE	WP	N29° 41' 49.00", W081° 40' 47.75"	10000	VNAV	200	FLY_BY	TF
JINOS	WP	N28° 28' 46.00", W082° 08' 52.00"	10000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KRSW [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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

DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

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:	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:	ZFP

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	25.2 %	25.2 %
2	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	5.1 %	5.1 %
3	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Enabled	33 %	33 %
4	SGJ	N29° 57' 24.23", W081° 19' 48.77"	6.0 W	25	T	IFPA	NO	Enabled	18.8 %	18.8 %
5	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	6.7 %	6.7 %
6	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	18.8 %	18.8 %
7	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	IFPA	NO	Enabled	42.6 %	42.6 %
8	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	26 %	26 %
9	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	40.7 %	40.7 %
10	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	26 %	26 %
11	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	41.9 %	41.9 %
12	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	44.3 %	44.3 %
13	AYS	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	L	IFPA	NO	Enabled	41.7 %	41.7 %
14	ZFP	N26° 33' 19.25", W078° 41' 52.25"	3.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AYS	SSI	TAY			
9.3	TAY	AYS				
15.9	AYS	CRG	TAY			
16.2	TAY	SSI	AYS	CRG		
20.3	TAY	SSI	CRG			
22.4	TAY	SSI	AYS	CRG		
25.3	AYS	NIP	TAY	SSI	CRG	
32.5	AYS	NIP	CRG	SSI		
50.5	AYS	CRG	NIP			
53.3	AYS	NIP				
56.4	NIP	SGJ	AYS			
59.2	NIP	SGJ	CRG	AYS		
65.0	NIP	CRG				
70.0	SGJ	CRG	NIP			
71.8	SGJ	CRG	NIP	AYS		
74.4	SGJ	CRG	NIP			
75.4	SGJ	CRG	NIP	AYS		
82.0	NIP	SGJ	GNV	CRG		
82.3	SGJ	CRG				
83.2	SGJ	CRG	GNV			
88.1	ORL	GNV	CRG	SGJ		
90.4	SGJ	OMN	GNV	CRG		
90.9	ORL	GNV	CRG	SGJ		
92.8	OMN	SGJ	ORL	GNV	CRG	
93.9	GNV	CRG	ORL	OMN		
95.5	ORL	GNV	OMN			
96.0	ORL	GNV	MLB	OMN		
100.2	OCF	GNV	MLB			
103.1	OCF	OMN	GNV	MLB		
127.6	OCF	GNV	SRQ	MLB		
127.8	OCF	SRQ	MLB			
132.2	OCF	SRQ	OMN	MLB		
152.7	MLB	SRQ	OCF			
154.9	OMN	OCF	MLB	SRQ		
163.7	OMN	OCF	MLB	SRQ	LAL	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
VIYAP	FEMON	NIP, SSI, CRG, AYS, TAY	
FEMON	ETORE	OMN, NIP, SGJ, SSI, ORL, CRG, AYS, GNV	
ETORE	JINOS	OMN, MLB, OCF, SRQ, LAL, ORL, GNV	

User Data Files

#	File Name
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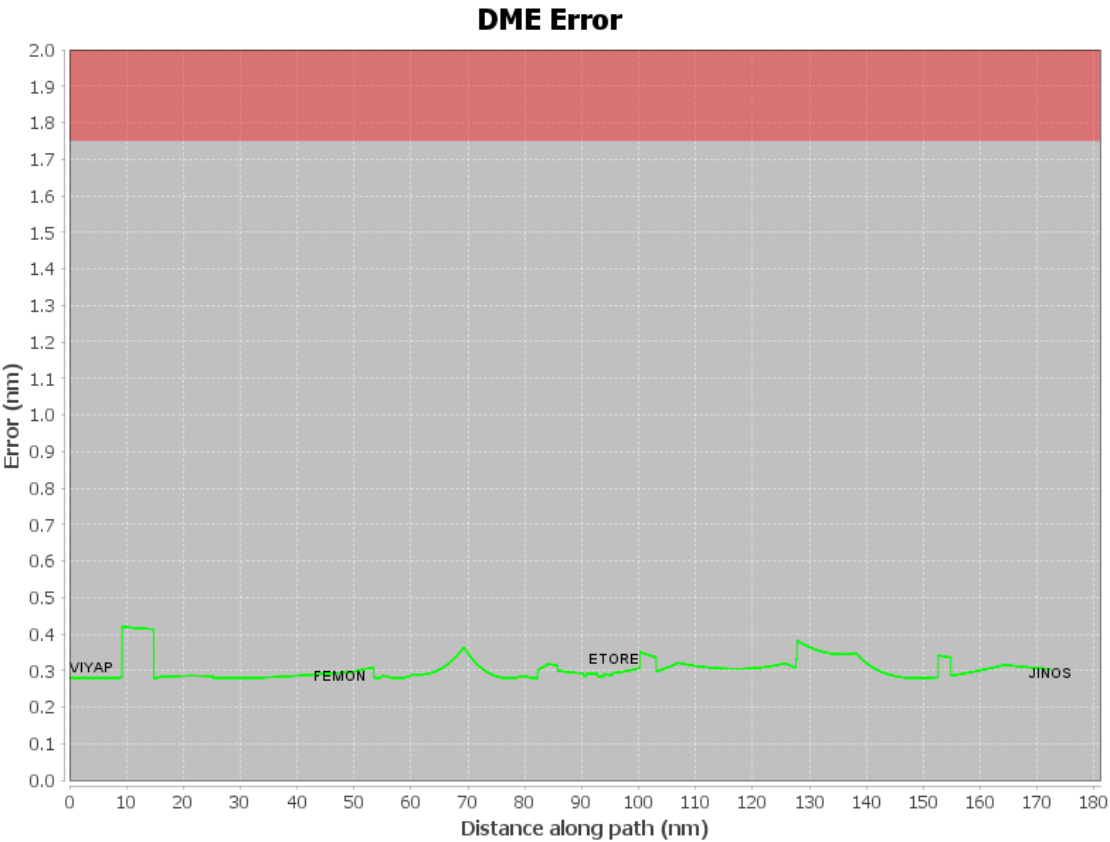
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DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
4	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
5	ORL FAA 694096-49 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-49	
ESV:		Bearing [True]: 335.0° to 350.0° Bearing [Mag]: 335.0° to 350.0°				Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 14500.0 ft		
6	ORL FAA 694096-72 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-72	
ESV:		Bearing [True]: 60.0° to 135.0° Bearing [Mag]: 60.0° to 135.0°				Arc Distance: Out to 113.0 NM Altitude: 9000.0 to 18000.0 ft		
7	OCF FAA 714002-35 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-35	
ESV:		Bearing [True]: 70.0° to 180.0° Bearing [Mag]: 70.0° to 180.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 18000.0 ft		
8	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		
9	AYS FAA 698108-6 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-6	
ESV:		Bearing [True]: 80.0° to 131.0° Bearing [Mag]: 80.0° to 131.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
10	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
11	LAL FAA 704224-61 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-61	
ESV:		Bearing [True]: 154.0° to 177.0° Bearing [Mag]: 153.0° to 176.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15000.0 ft		
12	TRV FAA 704266-78 TRV [IFPA]	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	19.5	117.3	TRV FAA 704266-78	
ESV:		Bearing [True]: 33.0° to 93.0° Bearing [Mag]: 40.0° to 100.0°				Arc Distance: Out to 113.0 NM Altitude: 8900.0 to 18000.0 ft		
13	AYS FAA 698108-8 AYS [IFPA]	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	154.8	110.2	AYS FAA 698108-8	
ESV:		Bearing [True]: 110.0° to 150.0° Bearing [Mag]: 110.0° to 150.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		
14	OMN FAA 694106-23 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-23	
ESV:		Bearing [True]: 113.0° to 187.0° Bearing [Mag]: 113.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 ft		
15	TAY FAA 720642-32 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-32	
ESV:		Bearing [True]: 206.0° to 235.0° Bearing [Mag]: 209.0° to 238.0°				Arc Distance: Out to 86.0 NM Altitude: 10000.0 to 23000.0 ft		
16	GNV FAA 704230-50 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-50	
ESV:		Bearing [True]: 236.0° to 296.0° Bearing [Mag]: 240.0° to 300.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
17	LAL FAA 704224-101 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	

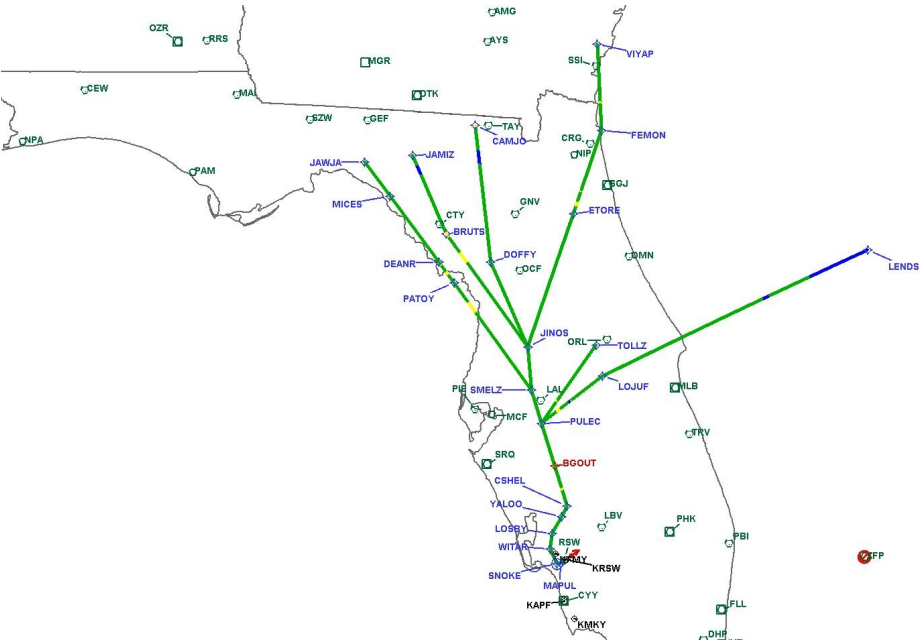
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 291.0° to 331.0° Bearing [Mag]: 290.0° to 330.0°					Arc Distance: Out to 110.0 NM Altitude: 8600.0 to 18000.0 ft	
18	PHK FAA 900991-30 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-30	
	ESV:	Bearing [True]: 235.0° to 300.0° Bearing [Mag]: 235.0° to 300.0°					Arc Distance: Out to 80.0 NM Altitude: 4000.0 to 15000.0 ft	



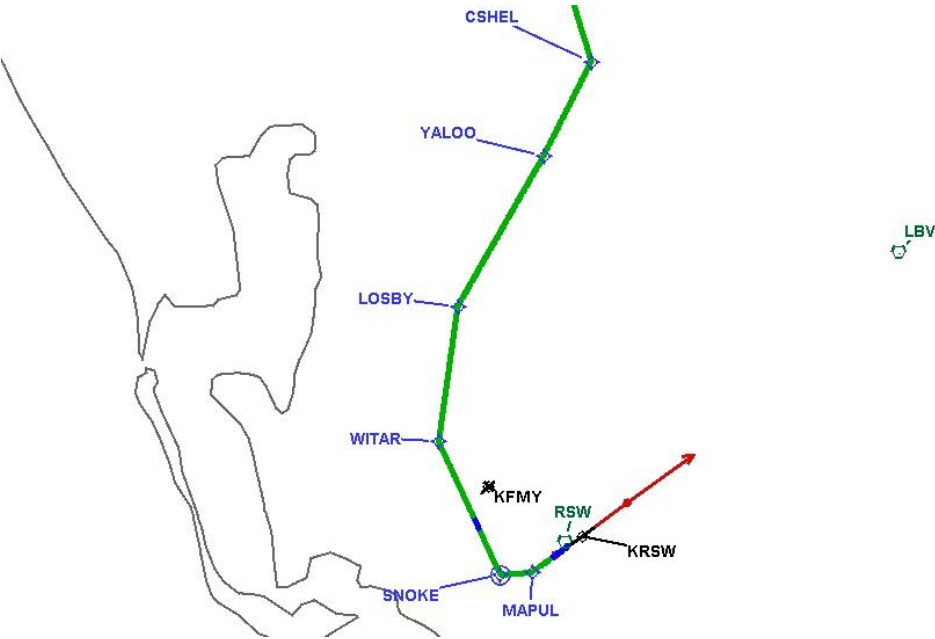
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Graphic Depiction 1



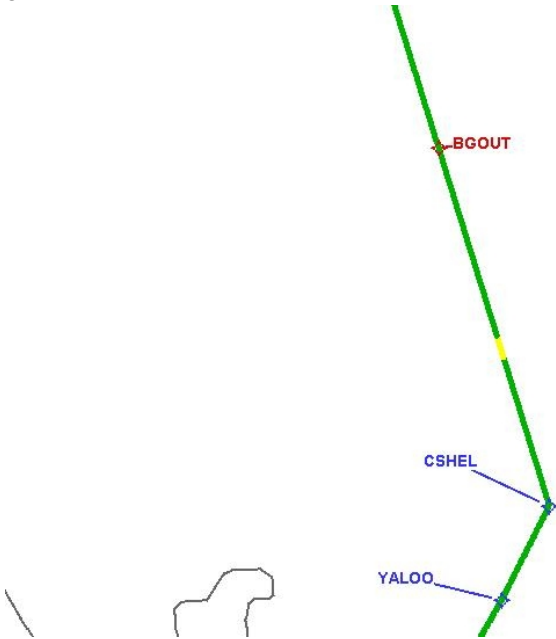
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Graphic Depiction 2



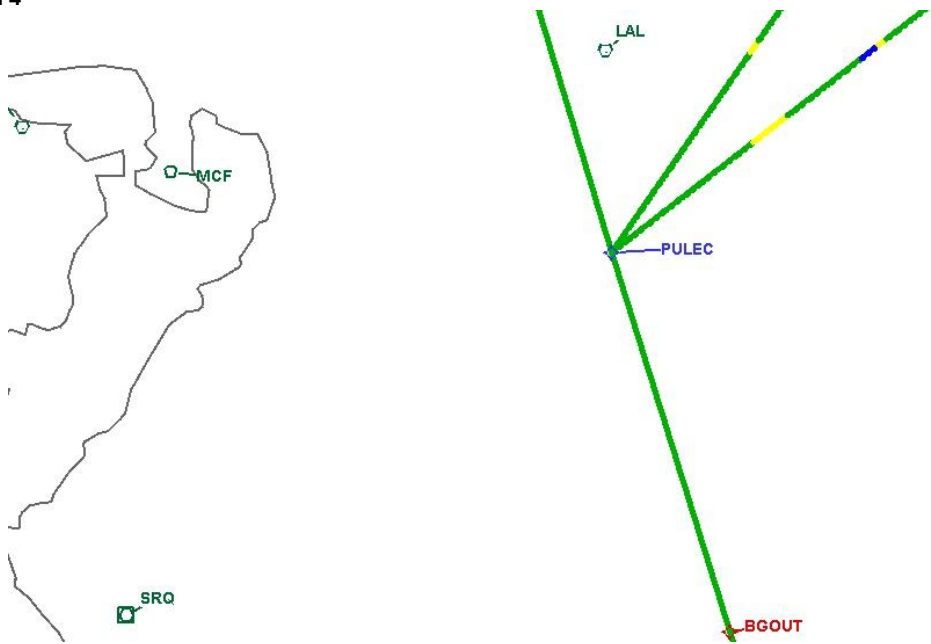
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Graphic Depiction 3



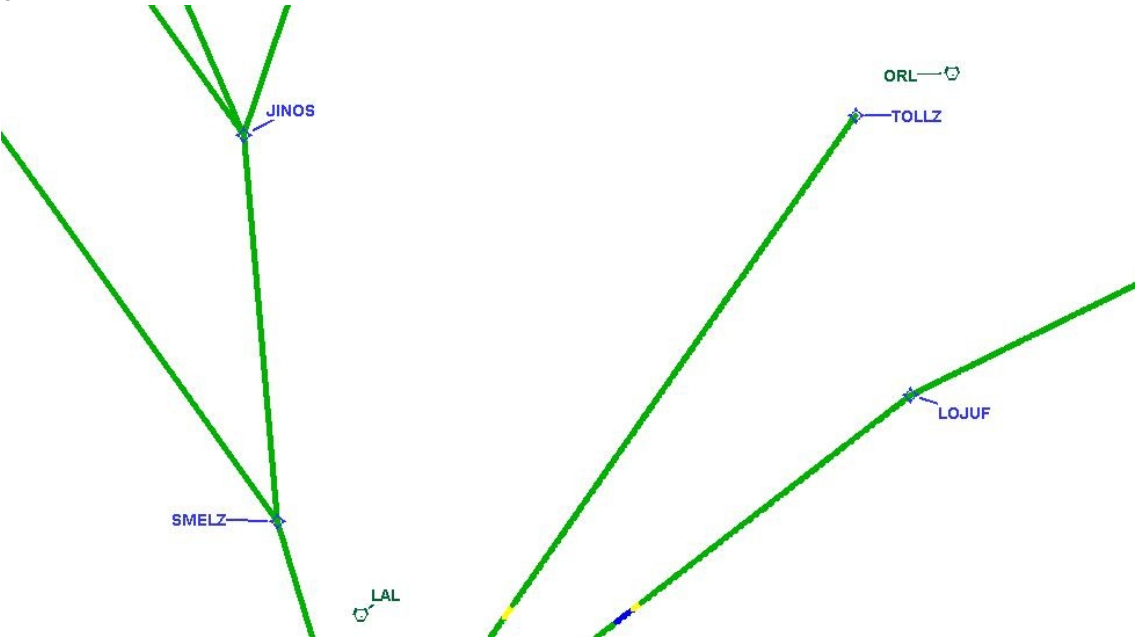
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Graphic Depiction 4

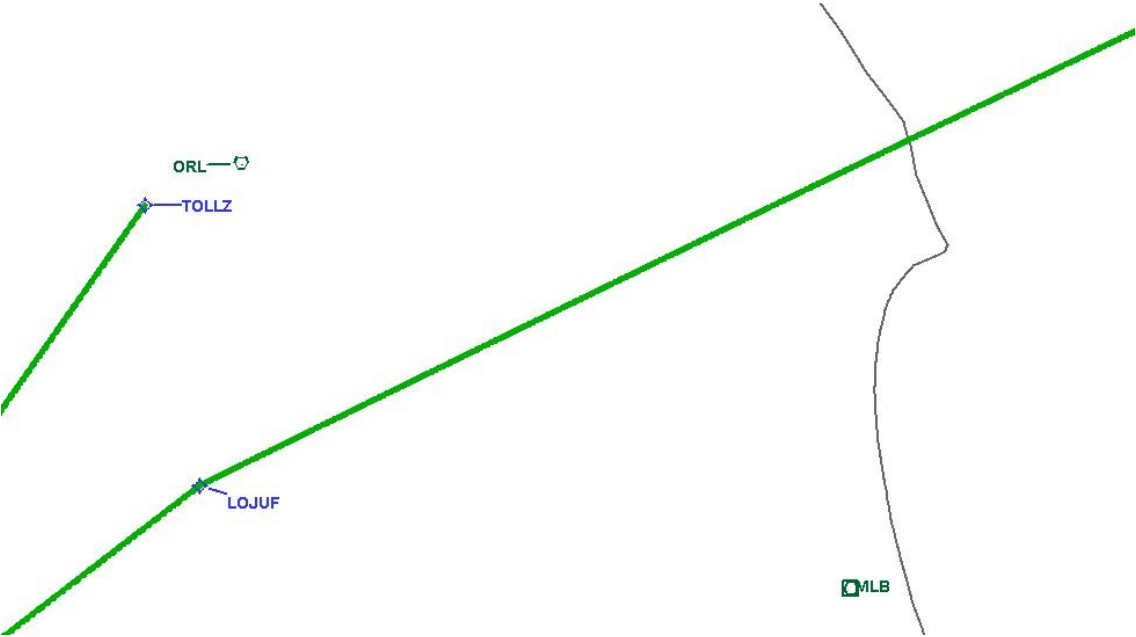


DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

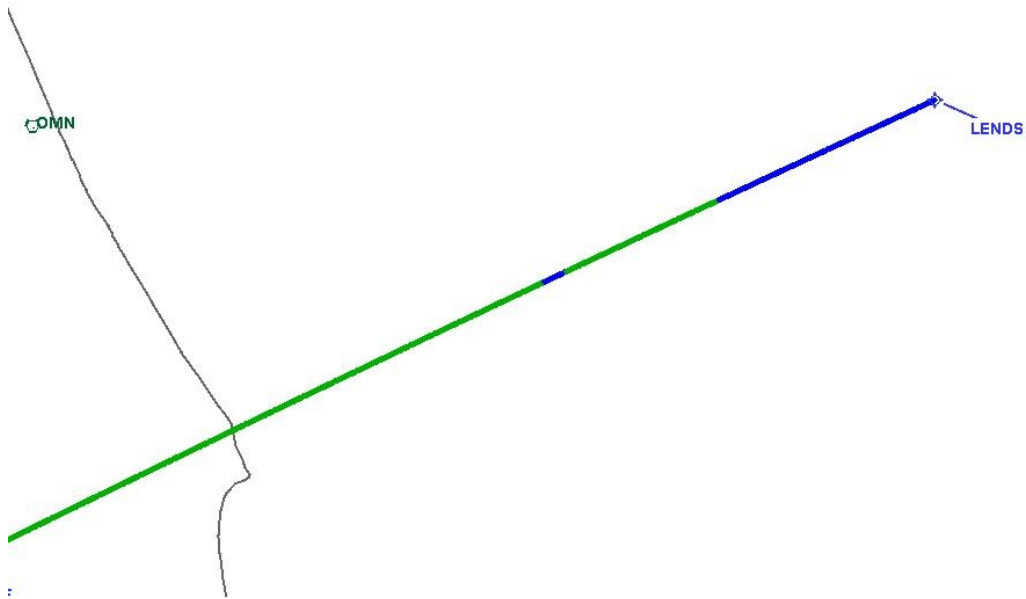
Graphic Depiction 5



Graphic Depiction 6



Graphic Depiction 7



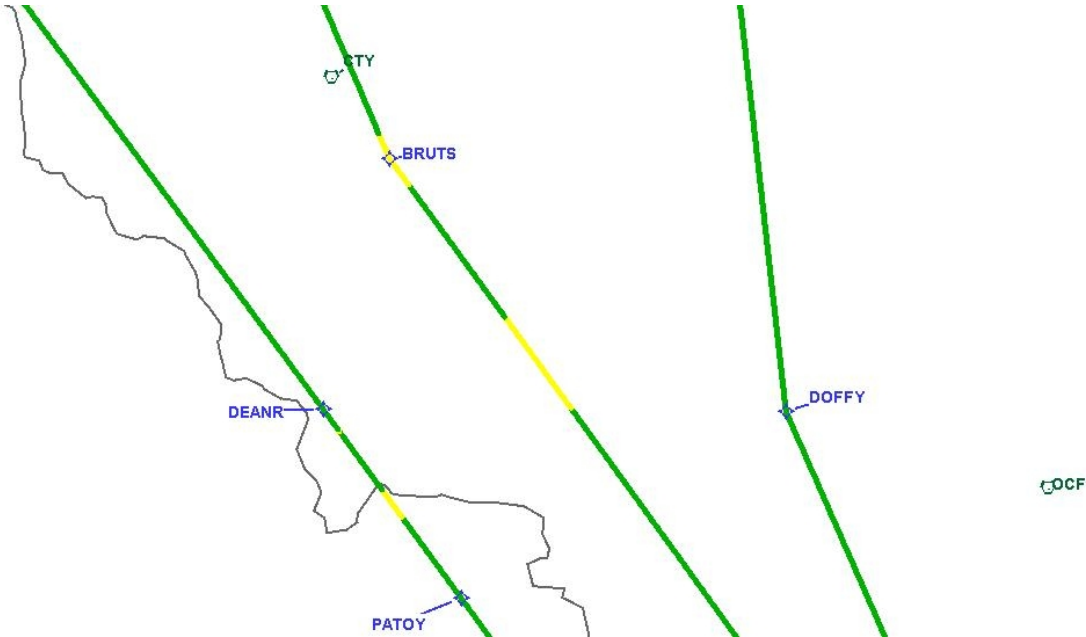
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Graphic Depiction 8



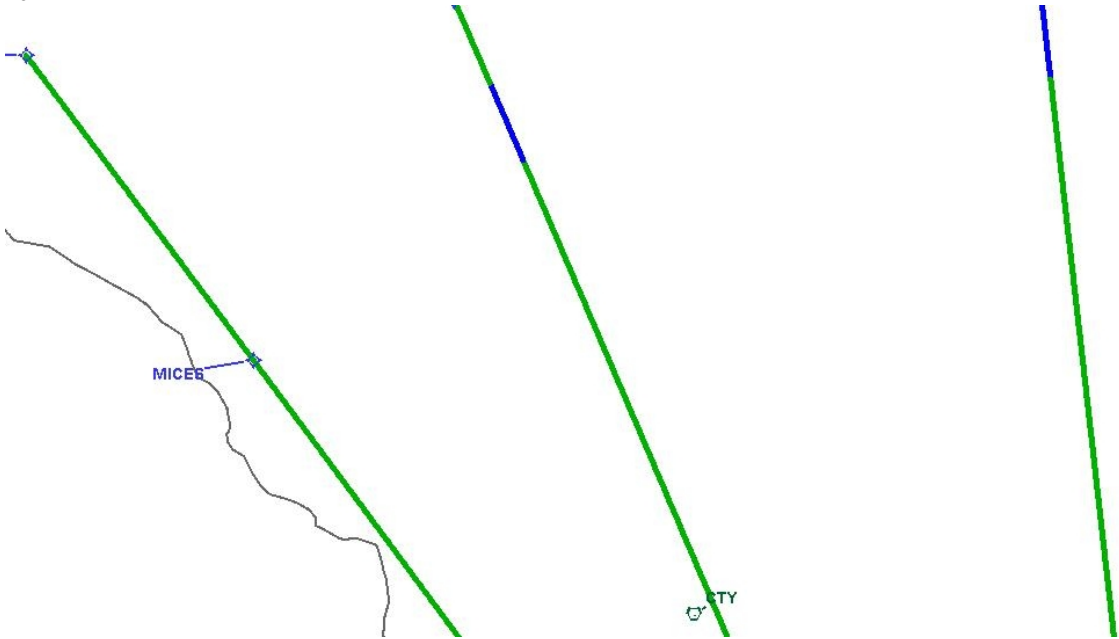
DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

Graphic Depiction 9



DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

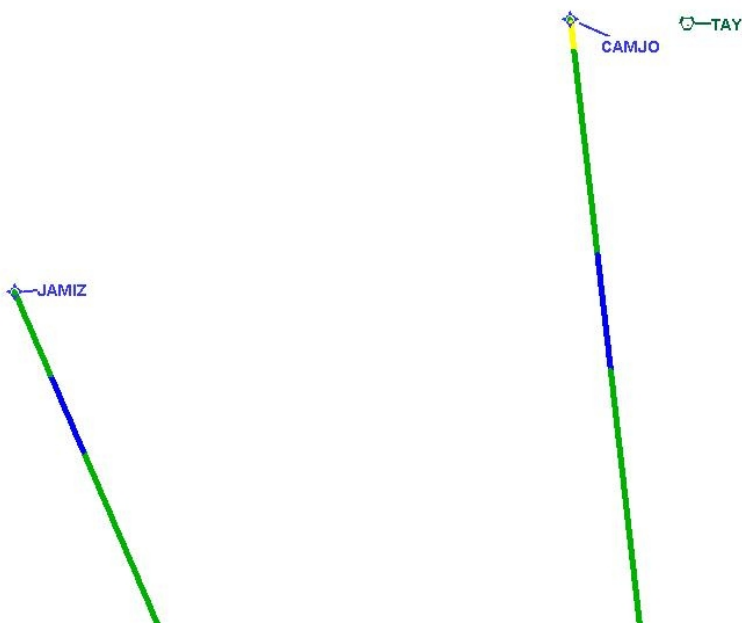
Graphic Depiction 10



Graphic Depiction 11

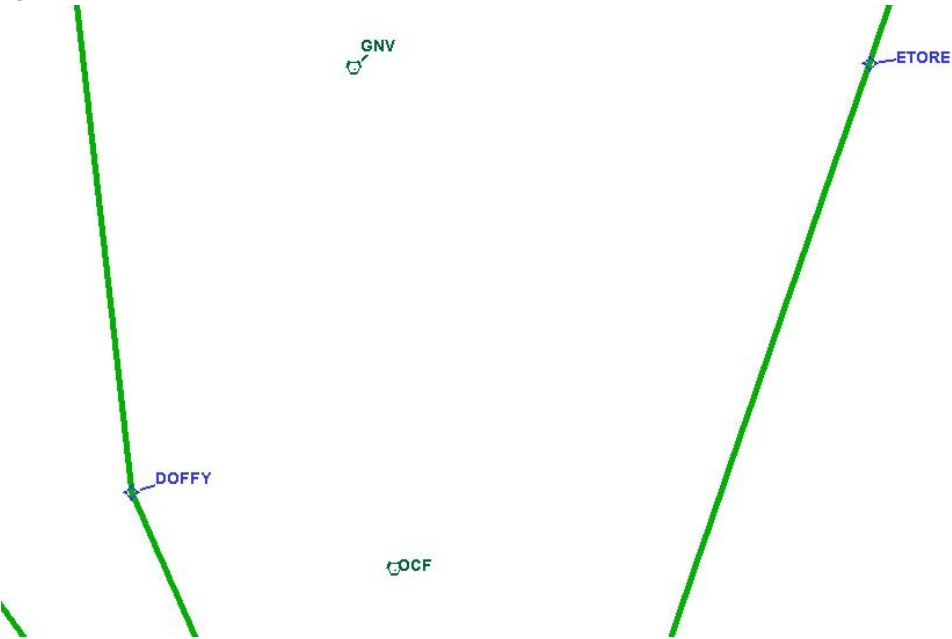


Graphic Depiction 12

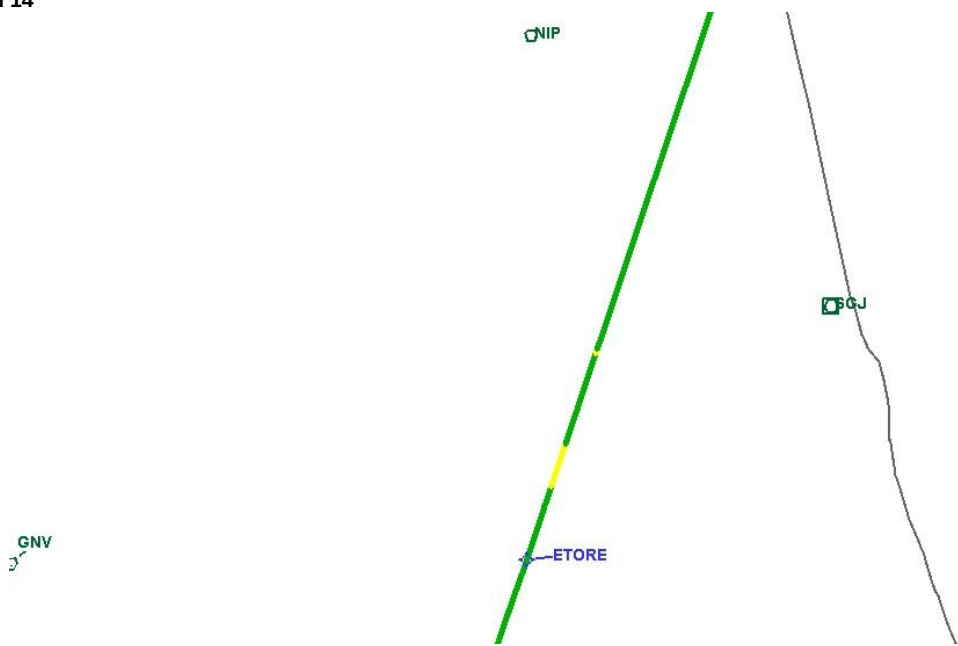


DME DME Assessment Results for CSHEL7 path VIYAP_JINOS

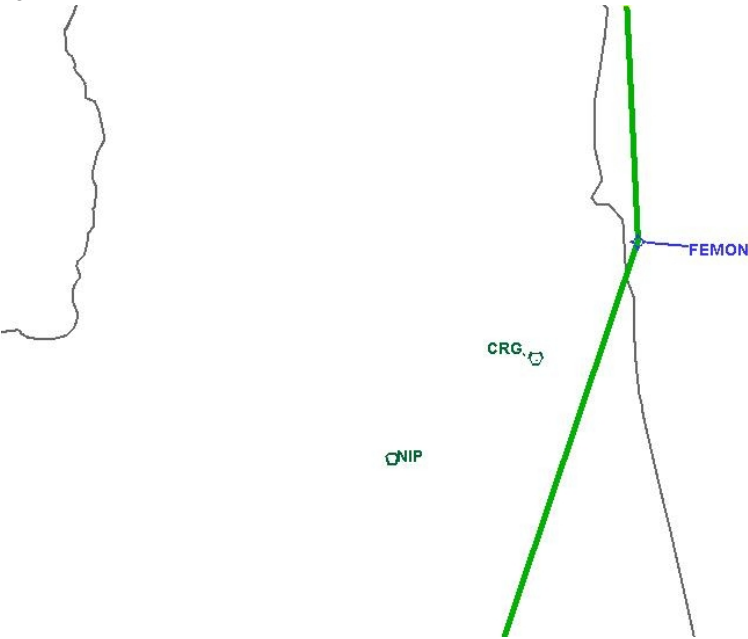
Graphic Depiction 13



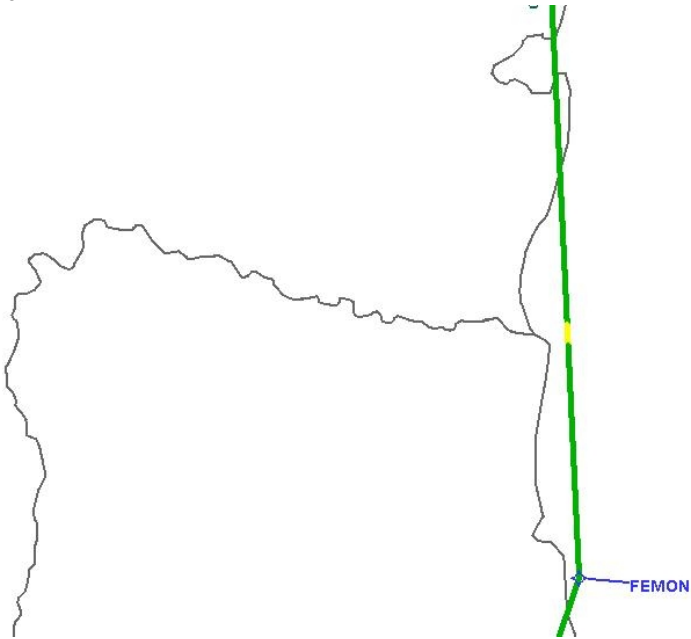
Graphic Depiction 14



Graphic Depiction 15



Graphic Depiction 16



Graphic Depiction 17

