

## DME DME Assessment Results for CSHEL8 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\KRSW\KRSW CSHEL8 SID\KRSW CSHEL8 (RNAV) SID DME 05 DEC 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KRSW\KRSW CSHEL8 SID\DME\KRSW [IFPA] CSHEL8 20241205_1127 EST\KRSW-RW24-DER_JAWJA\KRSW CSHEL8 SID RW24 JAWJA 20241205_1127 EST.pdf
Procedure Name:	CSHEL8
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/05/2024 11:27 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

**DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA**

<b>Flight Plan</b>							
<b>Name</b>	<b>Type</b>	<b>Lat/Lon</b>	<b>Altitude (ft)</b>	<b>VNAV Mode</b>	<b>Ground Speed (kts)</b>	<b>Turn Type</b>	<b>Leg Type</b>
KRSW:RW24:DER	WP	N26° 31' 35.348900000", W081° 46' 12.069200000"	26.6	VNAV	130	FLY_OVER	TF
MAPUL	WP	N26° 29' 56.530000000", W081° 48' 43.760000000"	888.6	VNAV	200	FLY_BY	TF
SNOKE	WP	N26° 29' 48.120000000", W081° 50' 57.190000000"	1800	VNAV	220	FLY_OVER	TF
WITAR	WP	N26° 37' 59.820000000", W081° 55' 11.520000000"	3602.4	VNAV	220	FLY_BY	TF
LOSBY	WP	N26° 46' 18.140000000", W081° 53' 53.360000000"	5275	VNAV	220	FLY_BY	TF
YALOO	WP	N26° 55' 35.850000000", W081° 47' 56.890000000"	6000	VNAV	220	FLY_BY	TF
CSHEL	WP	N27° 01' 24.320000000", W081° 44' 40.820000000"	6000	VNAV	200	FLY_BY	TF
BGOUT	WP	N27° 23' 26.440000000", W081° 52' 18.130000000"	6000	VNAV	200	FLY_BY	TF
PULEC	WP	N27° 46' 45.950000000", W082° 00' 25.700000000"	8000	VNAV	200	FLY_BY	TF
SMELZ	WP	N28° 04' 59.000000000", W082° 06' 34.000000000"	10000	VNAV	200	FLY_BY	TF
JINOS	WP	N28° 28' 46.000000000", W082° 08' 52.000000000"	10000	VNAV	200	FLY_BY	TF
PAToy	WP	N29° 03' 52.490000000", W082° 54' 00.090000000"	10000	VNAV	200	FLY_BY	TF
DEANR	WP	N29° 15' 30.400000000", W083° 03' 30.240000000"	10000	VNAV	200	FLY_BY	TF
MICES	WP	N29° 51' 37.650000000", W083° 33' 18.300000000"	10000	VNAV	200	FLY_BY	TF
JAWJA	WP	N30° 10' 25.550000000", W083° 48' 58.940000000"	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 CSHEL8 path KRSW:RW24:DER\_JAWJA**

<b>Flyability</b>	
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

<b>DME/DME</b>	
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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

**DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	LBV	N26° 49' 41.466000000", W081° 23' 29.178000000"	1.0 E	40	L		NO	Enabled	18.8 %	19.8 %
2	CYY	N26° 09' 12.338900000", W081° 46' 41.171500000"	3.0 W	25	T		NO	Enabled	2.4 %	2.4 %
3	MLB	N28° 06' 19.120000000", W080° 38' 06.460000000"	7.0 W	130	DH		NO	Enabled	41.8 %	41.5 %
4	OTK	N30° 46' 49.605700000", W083° 16' 47.017000000"	2.0 W	130	H		NO	Enabled	10.4 %	10.3 %
5	CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	2.0 W	40	L		NO	Enabled	26.6 %	26.3 %
6	GEF	N30° 33' 04.830000000", W083° 46' 59.278000000"	1.0 E	40	L		NO	Enabled	6.9 %	6.8 %
7	PIE	N27° 54' 27.951800000", W082° 41' 03.513100000"	5.0 W	130	H		NO	Enabled	11.2 %	11.1 %
8	TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	H		NO	Enabled	30.1 %	29.8 %
9	GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	4.0 W	40	L		NO	Enabled	26.4 %	26.2 %
10	MCF	N27° 51' 40.180000000", W082° 30' 48.640000000"	6.0 W	40	L		NO	Enabled	20.3 %	20.1 %
11	OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	0.0 E	130	H		NO	Enabled	14.8 %	14.6 %
12	SZW	N30° 33' 22.417900000", W084° 22' 26.191600000"	2.0 E	130	H		NO	Enabled	0.7 %	0.7 %
13	PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	0.0 E	130	H		NO	Enabled	13.4 %	14.1 %
14	SRQ	N27° 24' 25.255800000", W082° 33' 49.184700000"	5.0 W	130	DH		NO	Enabled	65.2 %	65.6 %
15	OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	0.0 E	40	L		NO	Enabled	23.2 %	23 %
16	LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	H		NO	Enabled	58.3 %	58.3 %
17	RSW	N26° 31' 47.592100000", W081° 46' 32.766600000"	2.0 W	130	H		NO	Enabled	15.2 %	16.2 %
18	PZD	N31° 39' 18.741000000", W084° 17' 35.161700000"	2.0 W	130	DH		NO	Enabled	7.2 %	7.1 %

**DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0						
1.4	LBV	CYY				
3.6	CYY	RSW	LBV			
4.9	LBV	CYY				
7.8						
8.6	LBV	RSW				
12.2	LBV	SRQ	RSW			
15.8	LBV	SRQ	RSW	PHK		
24.0	LAL	LBV	PHK	RSW	SRQ	
28.0	LBV	RSW	SRQ			
29.3	PHK	RSW	LAL	LBV	SRQ	
48.9	RSW	SRQ	MLB	LBV		
50.2	LAL	SRQ	PHK			
53.5	MLB	LBV	LAL	SRQ	PHK	
55.7	MLB	LBV	SRQ			
58.0	LAL	SRQ	MLB			
71.1	SRQ	LAL	MLB	MCF		
87.4	MCF	LAL	PIE	MLB	SRQ	
95.8	OCF	MCF	PIE	MLB	SRQ	
101.7	SRQ	LAL	MCF	MLB	PIE	
116.7	MLB	SRQ	MCF	LAL		
124.2	MLB	SRQ	LAL			
124.5	MLB	SRQ	OCF	OMN	LAL	
131.5	MLB	SRQ	OMN	LAL		
137.2	OMN	LAL	MLB	SRQ	OCF	
138.3	MLB	SRQ	OCF	OMN		
156.7	MLB	OCF	SRQ			
161.9	LAL	OCF	OMN	SRQ		
161.9	LAL	OCF	OMN	SRQ	TAY	
165.4	LAL	OCF	OMN	SRQ		
167.1	LAL	OCF	OMN	SRQ	TAY	
168.6	LAL	OCF	SRQ	TAY		
176.7	CTY	OCF	LAL	SRQ	TAY	
183.4	TAY	LAL				
188.4	CTY	OCF	TAY	SRQ	LAL	
190.5	TAY	LAL				
194.9	TAY	LAL	CTY	SRQ		
195.0	LAL	GNV	CTY	SRQ	TAY	
195.1	LAL	GNV	CTY	TAY		
212.5	TAY	GNV				
215.5	TAY	GNV	CTY			
229.5	GNV	OTK	CTY	TAY		
242.5	GNV	OTK	CTY			
245.5	GNV	OTK	CTY	PZD		
246.3	GNV	OTK	CTY	GEF	PZD	
249.5	GNV	OTK	GEF	PZD		
254.7	OTK	CTY	GNV	GEF	PZD	
256.8	GNV	GEF	CTY	PZD		
262.3	GNV	GEF	SZW	CTY	PZD	

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>
1	N26° 31' 34.080097454", W081° 46' 14.017543516"	N26° 30' 45.756854043", W081° 47' 28.207916414"	1.3688
2	N26° 32' 30.927569967", W081° 52' 21.327106599"	N26° 33' 17.441294966", W081° 52' 45.378396579"	0.8525

**DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA**

**Available DMEs by Waypoints**

<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
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	JINOS	MCF, OMN, MLB, SRQ, OCF, LAL, PIE	
JINOS	PATTOY	OMN, MLB, SRQ, OCF, LAL, CTY, TAY	
PATTOY	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
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None

**DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA**

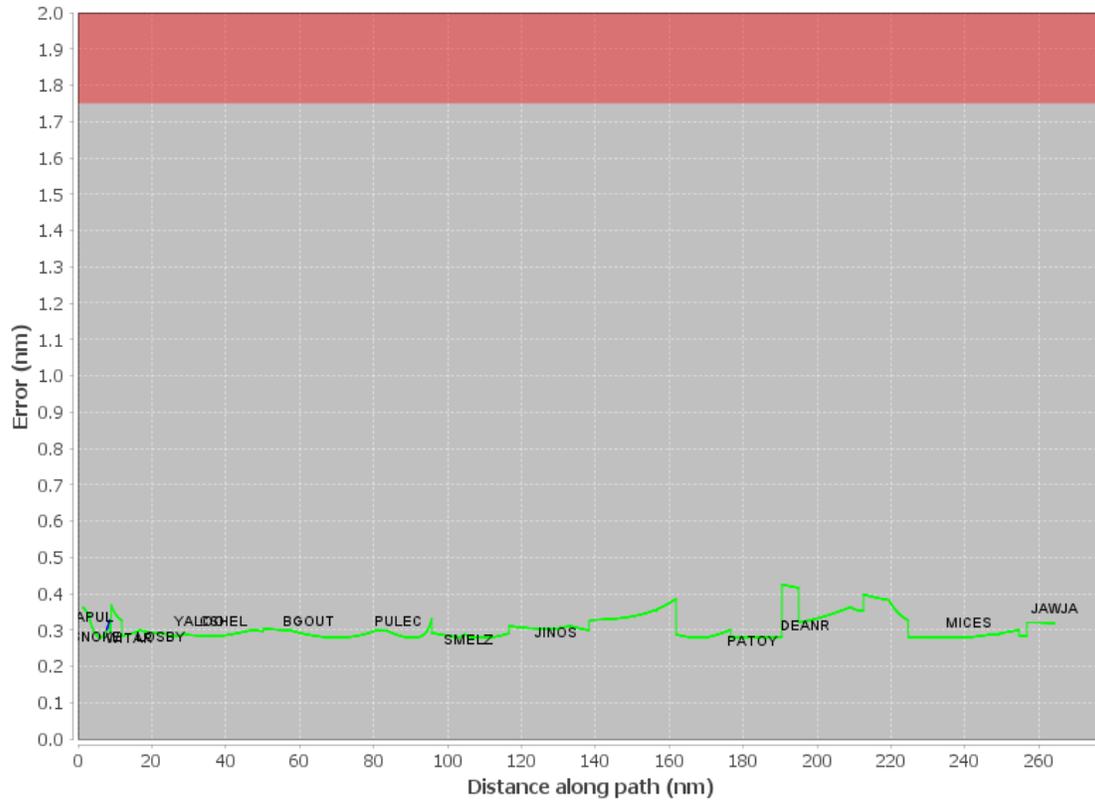
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TAY FAA 720642-25 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
2	GNV FAA 704230-38 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
3	TAY FAA 720642-33 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
4	OCF FAA 714002-35 OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	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		
5	TRV FAA 704266-78 TRV	N27° 40' 42.325600000", W080° 29' 23.012100000"	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		
6	LAL FAA 704224-101 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	
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		
7	GNV FAA 704230-50 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
8	TAY FAA 720642-32 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
9	AYS FAA 698108-6 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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	AYS FAA 698108-8 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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		
11	OTK FAA 872007-16 OTK	N30° 46' 49.599000000", W083° 16' 47.024000000"	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		
12	CTY FAA 704013-24 CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	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		

**DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA**

<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	OMN FAA 694106-23 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
14	ORL FAA 694096-49 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
15	ORL FAA 694096-72 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
16	OMN FAA 694106-18 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
17	LAL FAA 704224-61 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	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		
18	PHK FAA 900991-30 PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	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 CSHEL8 path KRSW:RW24:DER\_JAWJA

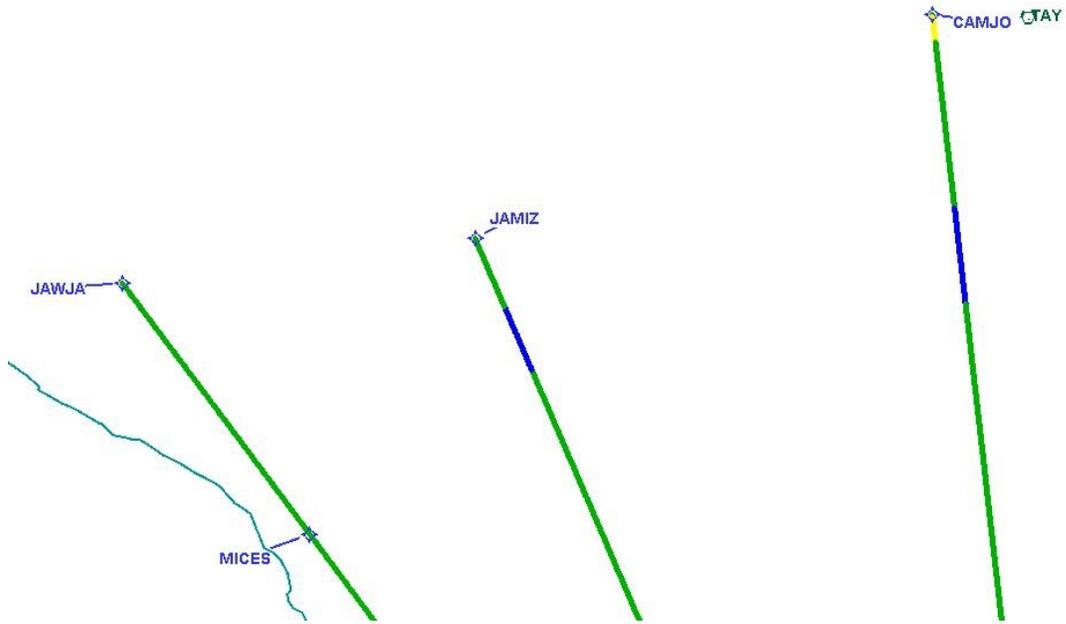
## DME Error





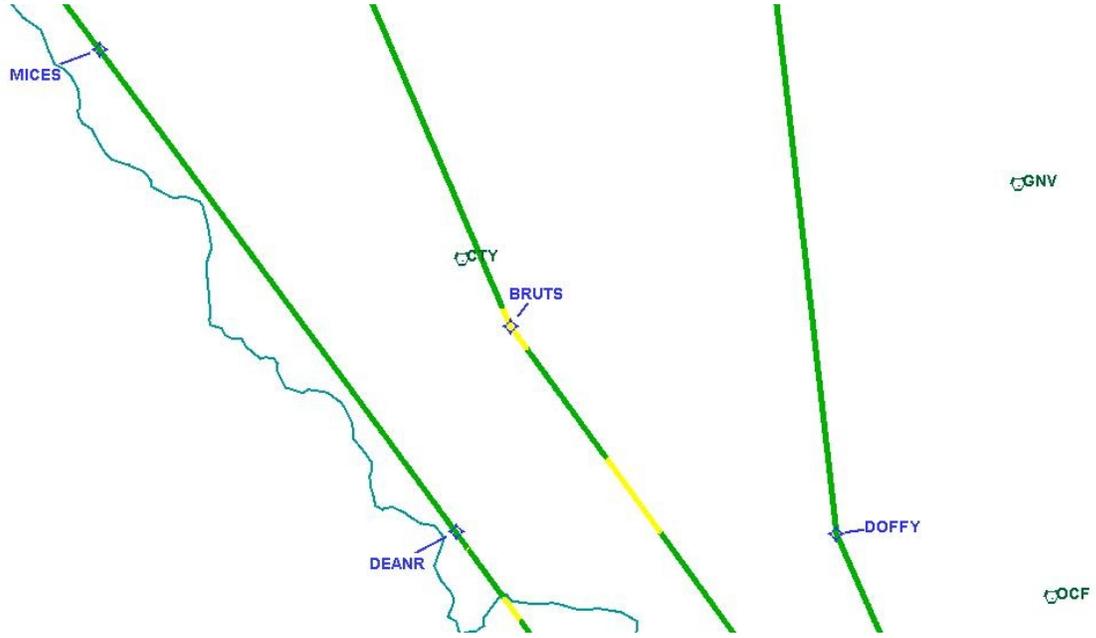
# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 2



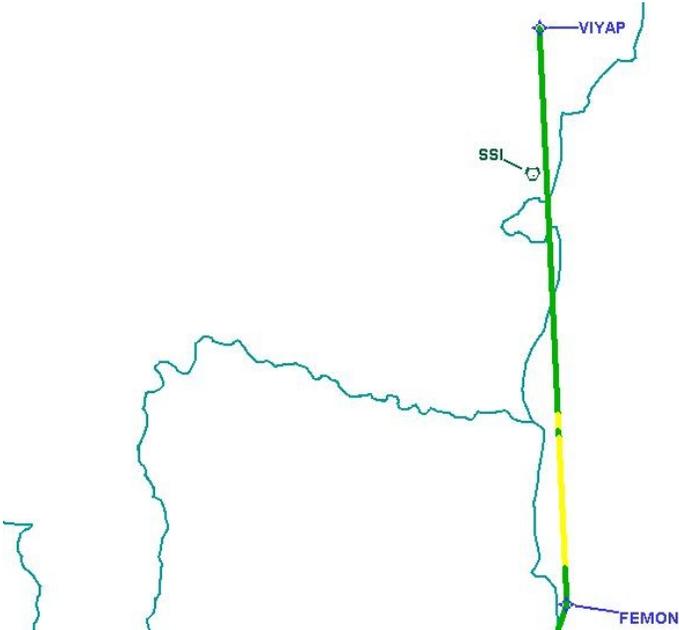
# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 3



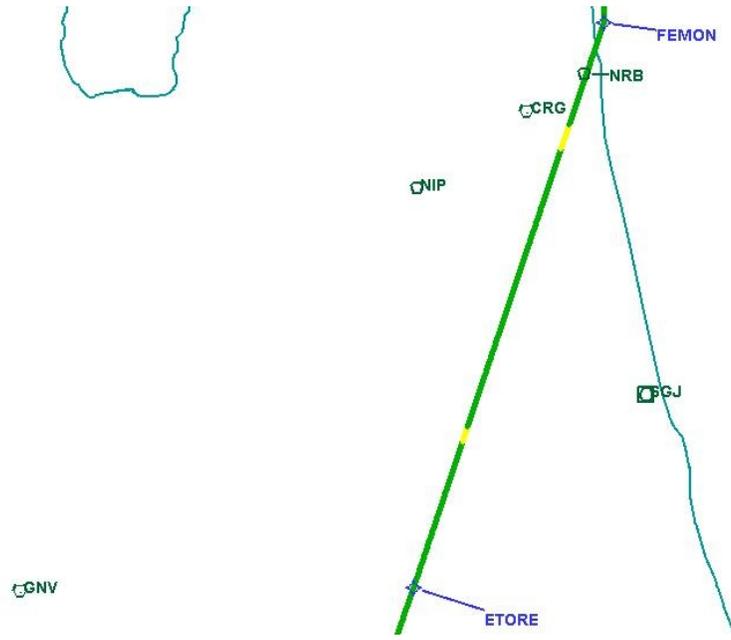
DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 4



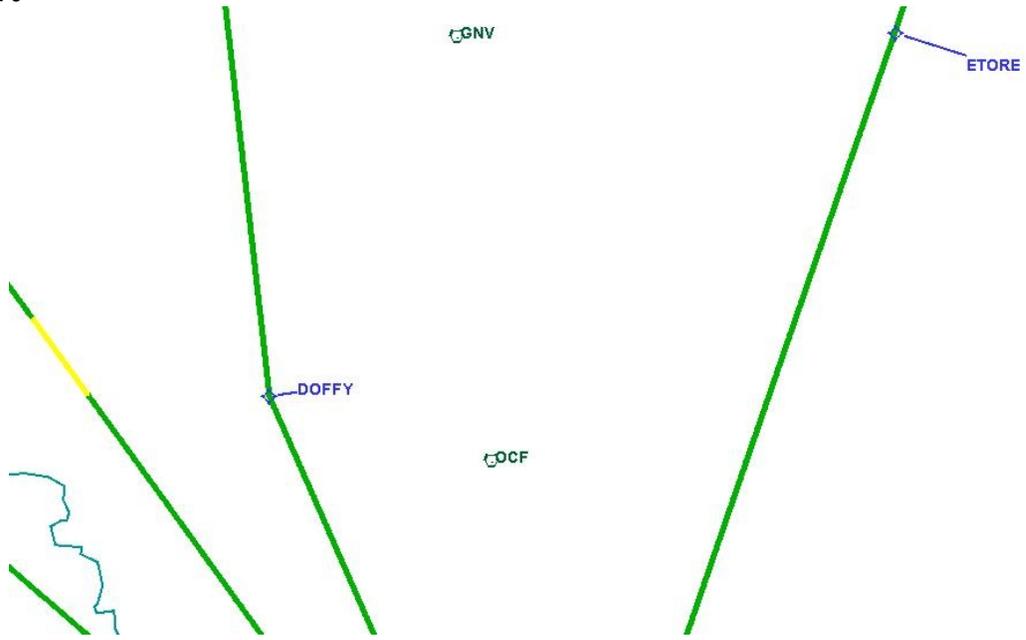
# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 5



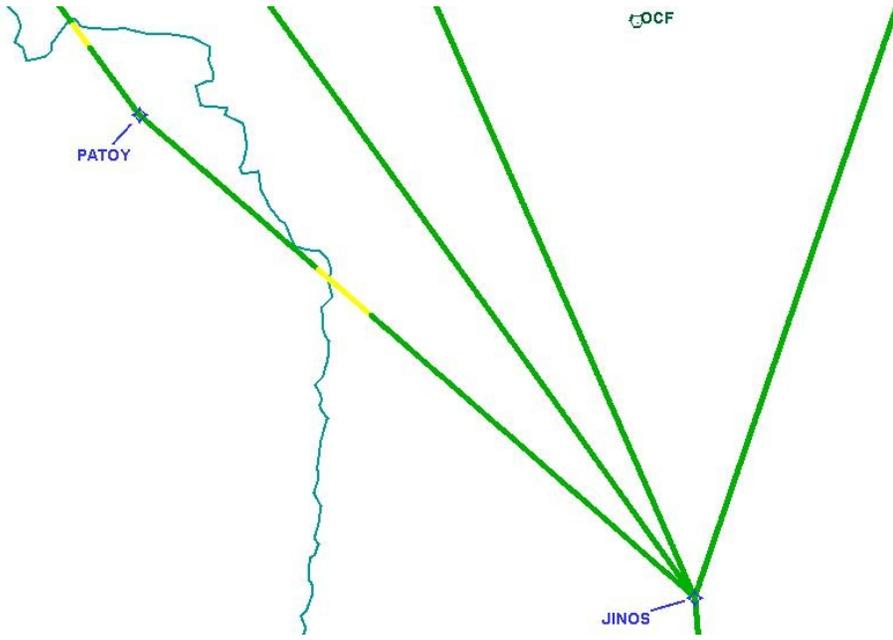
# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 6

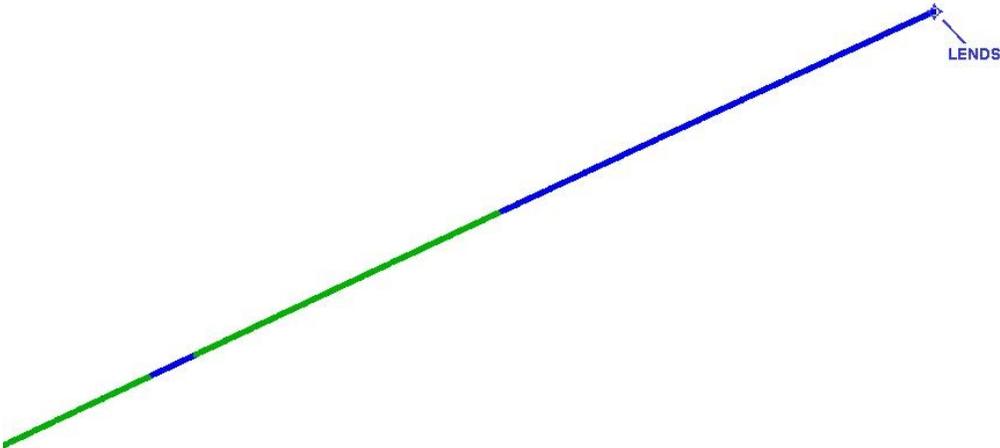


DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 7

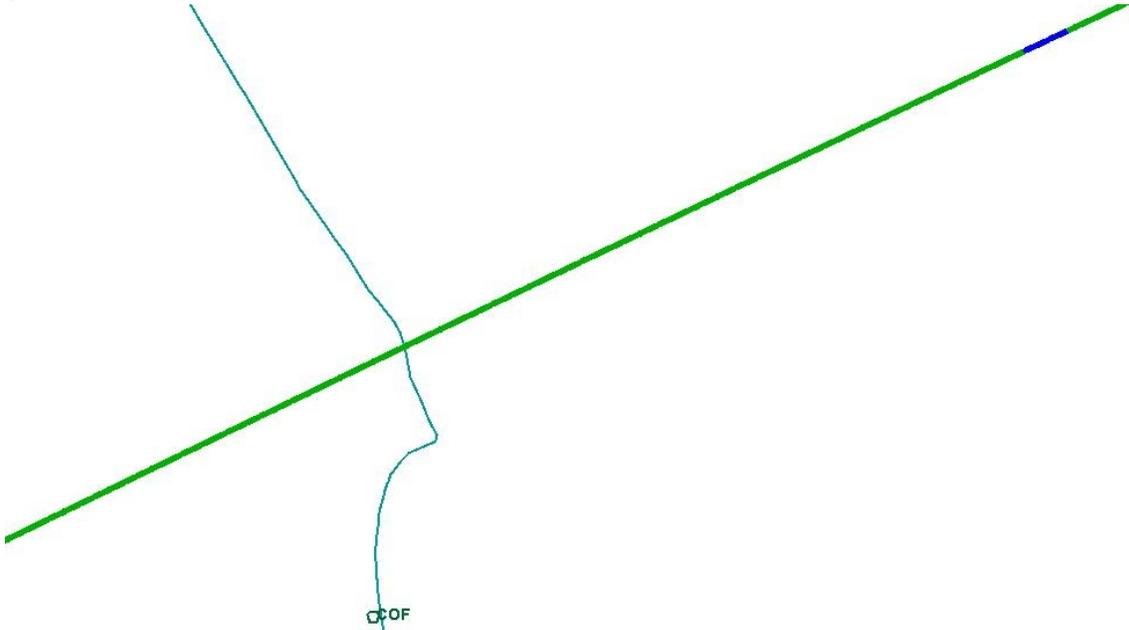


Graphic Depiction 8



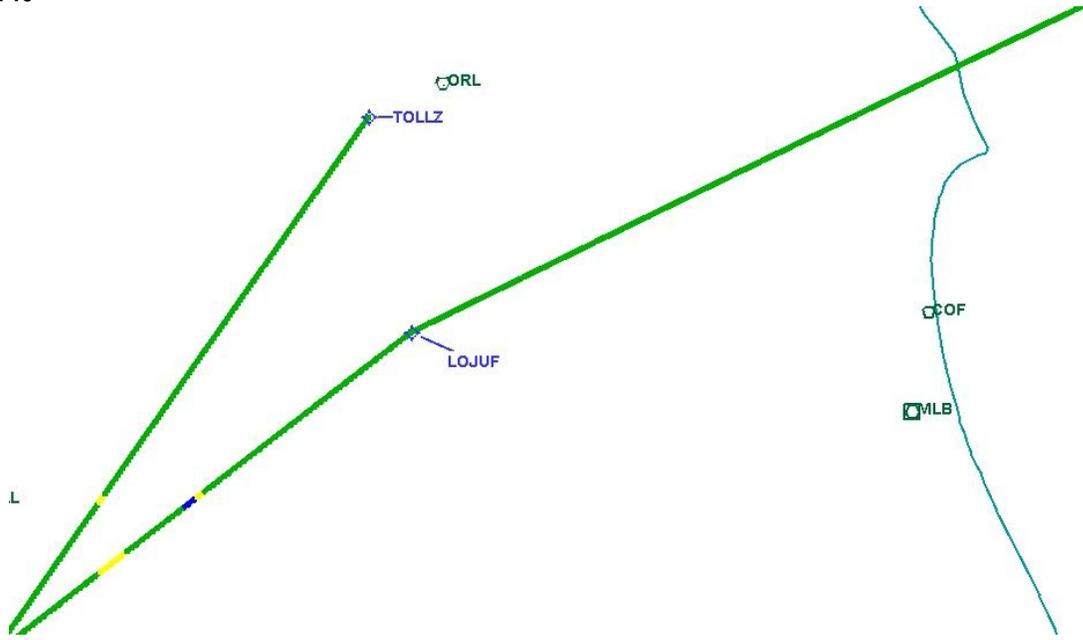
DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 9



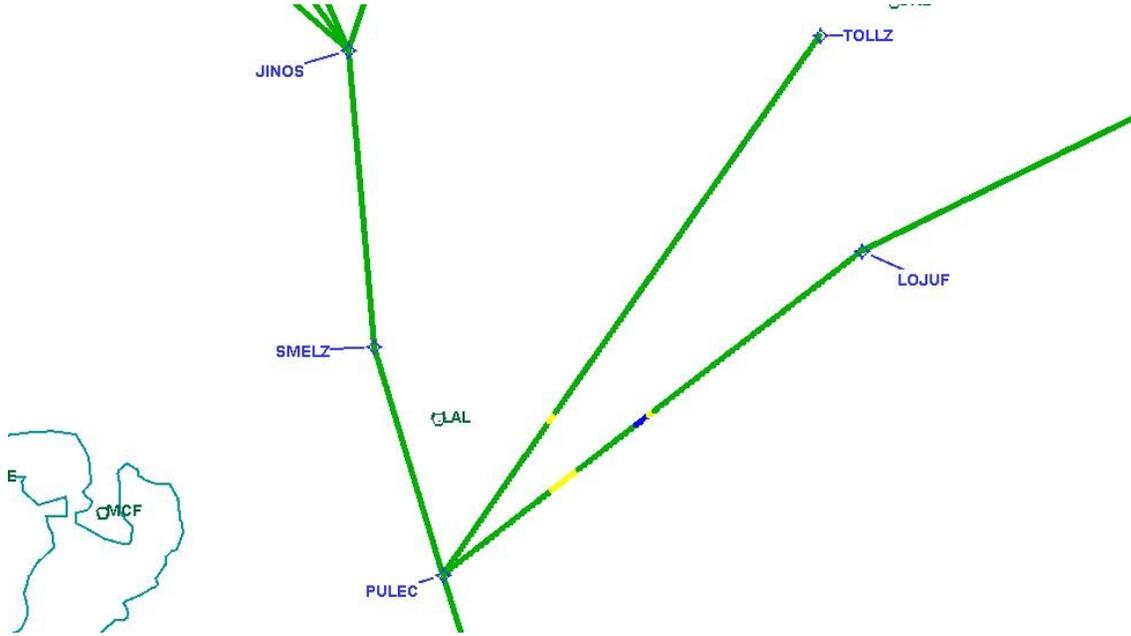
DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 10



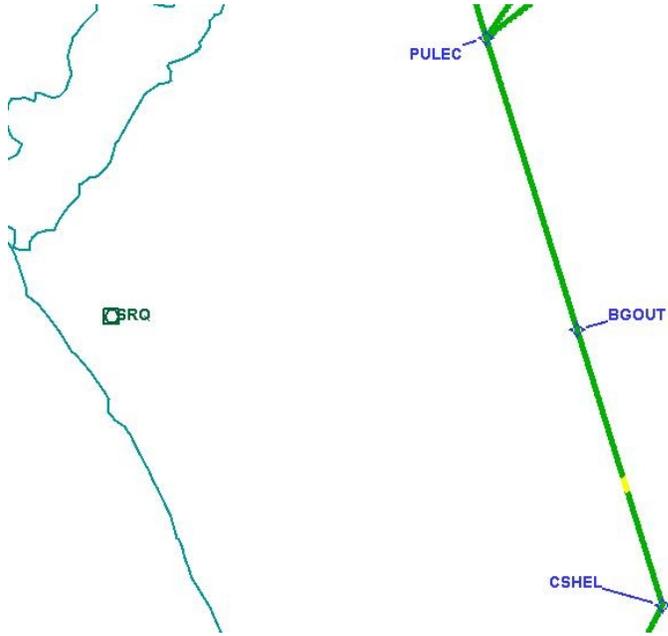
# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 11



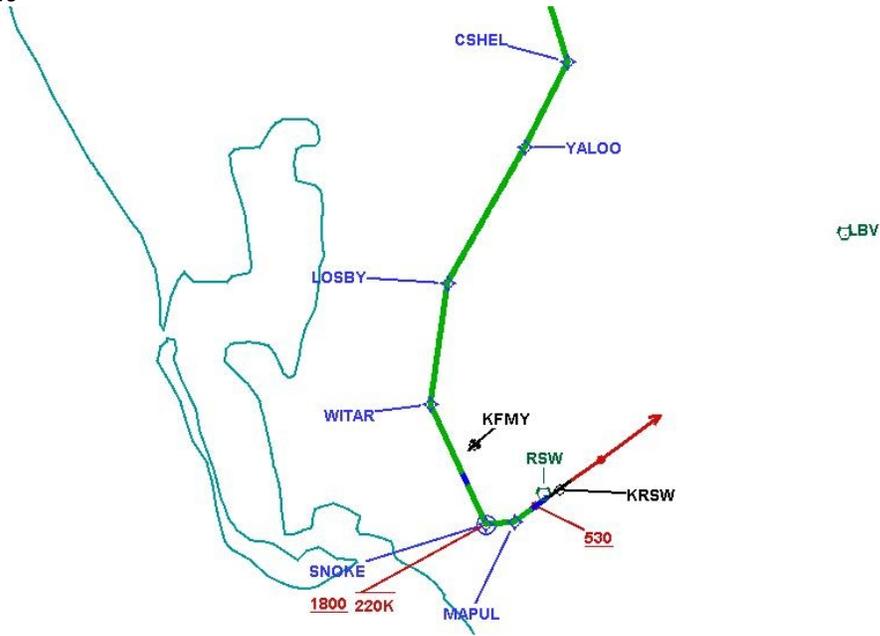
# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 12



# DME DME Assessment Results for CSHEL8 path KRSW:RW24:DER\_JAWJA

Graphic Depiction 13



## DME DME Assessment Results for CSHEL8 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\KRSW\KRSW CSHEL8 SID\KRSW CSHEL8 (RNAV) SID DME 05 DEC 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KRSW\KRSW CSHEL8 SID\DME\KRSW [IFPA] CSHEL8 20241205_1127 EST\JINOS_JAMIZ\KRSW CSHEL8 SID JINOS JAMIZ 20241205_1127 EST.pdf
Procedure Name:	CSHEL8
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/05/2024 11:27 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
JINOS	WP	N28° 28' 46.000000000", W082° 08' 52.000000000"	10000	VNAV	200	FLY_BY	TF
BRUTS	WP	N29° 30' 58.000000000", W082° 58' 57.000000000"	10000	VNAV	200	FLY_BY	TF
JAMIZ	WP	N30° 13' 46.910000000", W083° 19' 27.780000000"	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 CSHEL8 path JINOS\_JAMIZ**

<b>DME/DME</b>	
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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

**DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	0.0 E	130	H		NO	Enabled	43.6 %	43.6 %
2	MLB	N28° 06' 19.120000000", W080° 38' 06.460000000"	7.0 W	130	DH		NO	Enabled	27.4 %	27.4 %
3	SRQ	N27° 24' 25.255800000", W082° 33' 49.184700000"	5.0 W	130	DH		NO	Enabled	47.3 %	47.3 %
4	OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	0.0 E	40	L		NO	Enabled	52.7 %	52.6 %
5	LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	H		NO	Enabled	7.1 %	7.1 %
6	OTK	N30° 46' 49.605700000", W083° 16' 47.017000000"	2.0 W	130	H		NO	Enabled	4.6 %	4.6 %
7	CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	2.0 W	40	L		NO	Enabled	50.5 %	50.5 %
8	GEF	N30° 33' 04.830000000", W083° 46' 59.278000000"	1.0 E	40	L		NO	Enabled	4.6 %	4.6 %
9	PZD	N31° 39' 18.741000000", W084° 17' 35.161700000"	2.0 W	130	DH		NO	Enabled	0.8 %	0.8 %
10	TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	H		NO	Enabled	59.1 %	59.1 %
11	GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	4.0 W	40	L		NO	Enabled	43.3 %	43.3 %

**DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
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	MLB	OCF	TAY	
30.5	MLB	OCF	SRQ			
33.6	TAY	OMN	SRQ	OCF		
42.4	CTY	OCF	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	OTK	GEF				
122.3	OTK	GEF	PZD			

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>
1	N30° 03' 49.656261456", W083° 14' 39.913826897"	N30° 08' 35.992386550", W083° 16' 57.791324746"	5.1613

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

**User Data Files**

#	File Name
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None

**DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ**

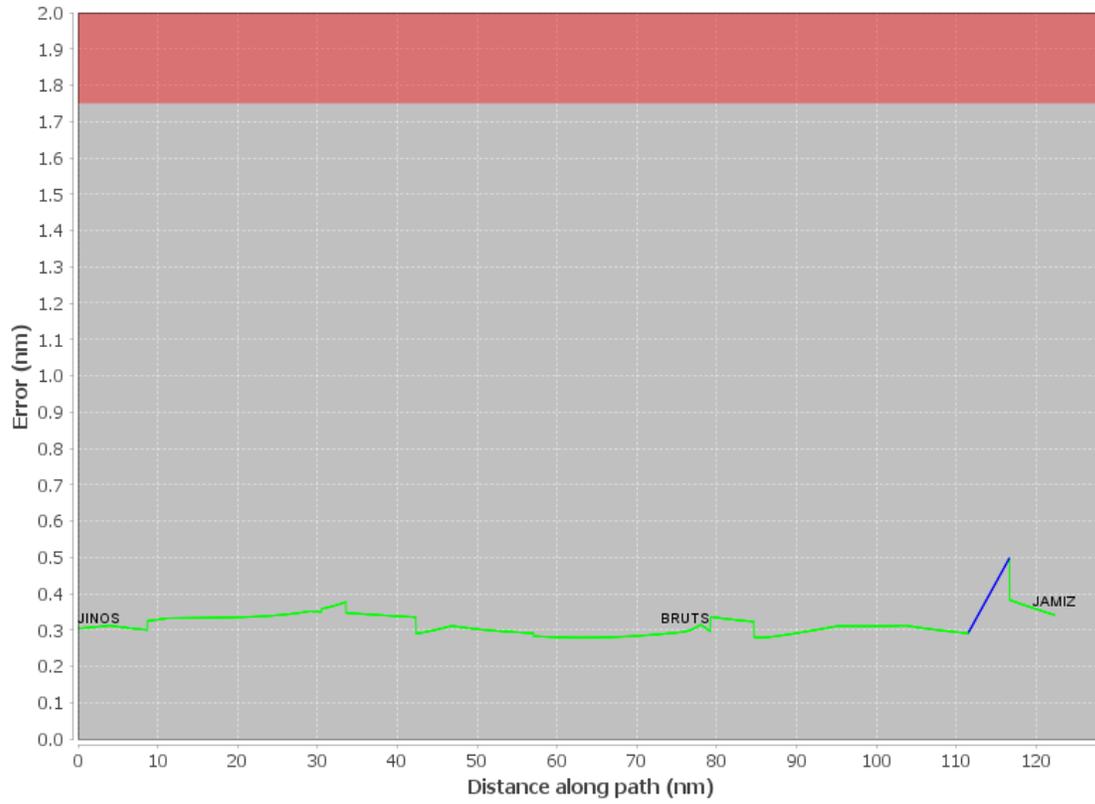
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TAY FAA 720642-25 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
2	GNV FAA 704230-38 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
3	TAY FAA 720642-33 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
4	OCF FAA 714002-35 OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	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		
5	TRV FAA 704266-78 TRV	N27° 40' 42.325600000", W080° 29' 23.012100000"	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		
6	LAL FAA 704224-101 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	
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		
7	GNV FAA 704230-50 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
8	TAY FAA 720642-32 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
9	AYS FAA 698108-6 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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	AYS FAA 698108-8 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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		
11	OTK FAA 872007-16 OTK	N30° 46' 49.599000000", W083° 16' 47.024000000"	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		
12	CTY FAA 704013-24 CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	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		

**DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ**

<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	OMN FAA 694106-23 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
14	ORL FAA 694096-49 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
15	ORL FAA 694096-72 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
16	OMN FAA 694106-18 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
17	LAL FAA 704224-61 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	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		
18	PHK FAA 900991-30 PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	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 CSHEL8 path JINOS\_JAMIZ

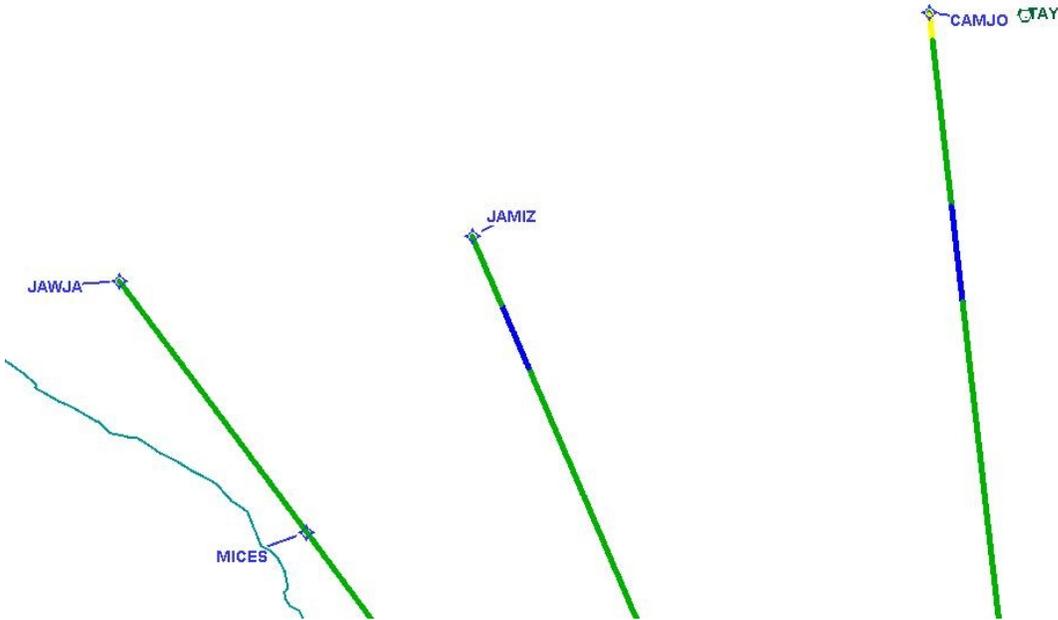
## DME Error





DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 2



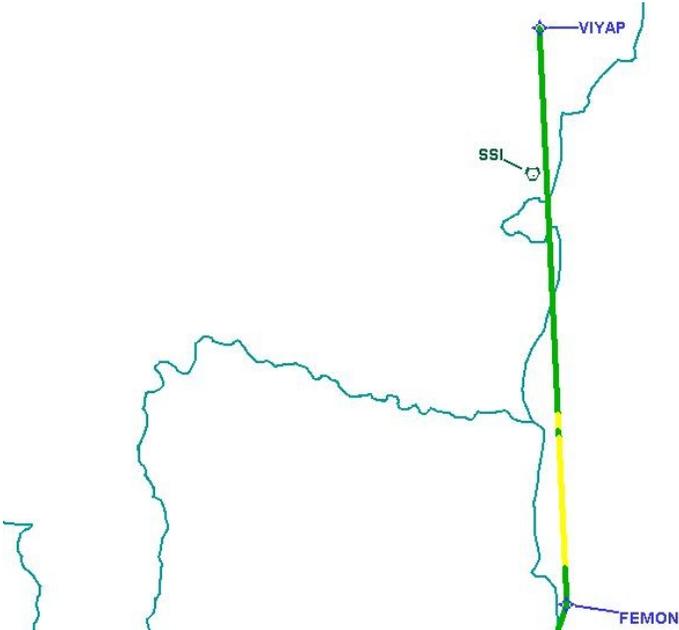
# DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 3



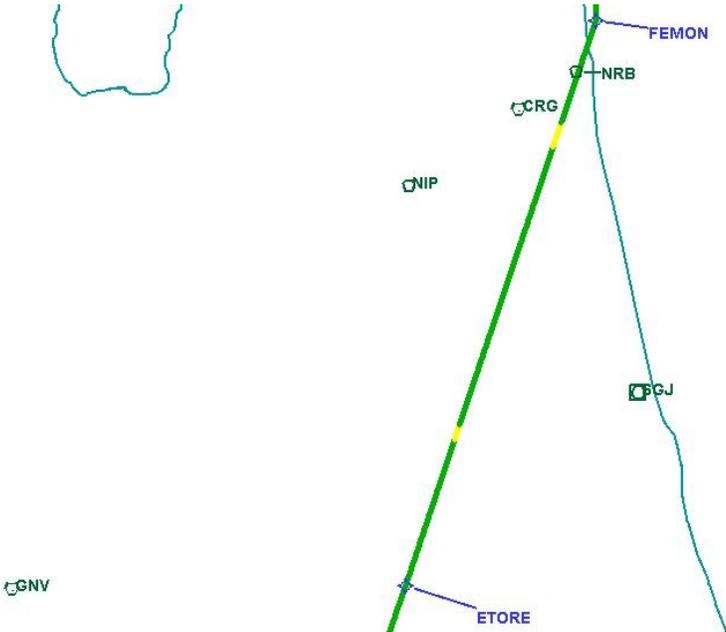
DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 4



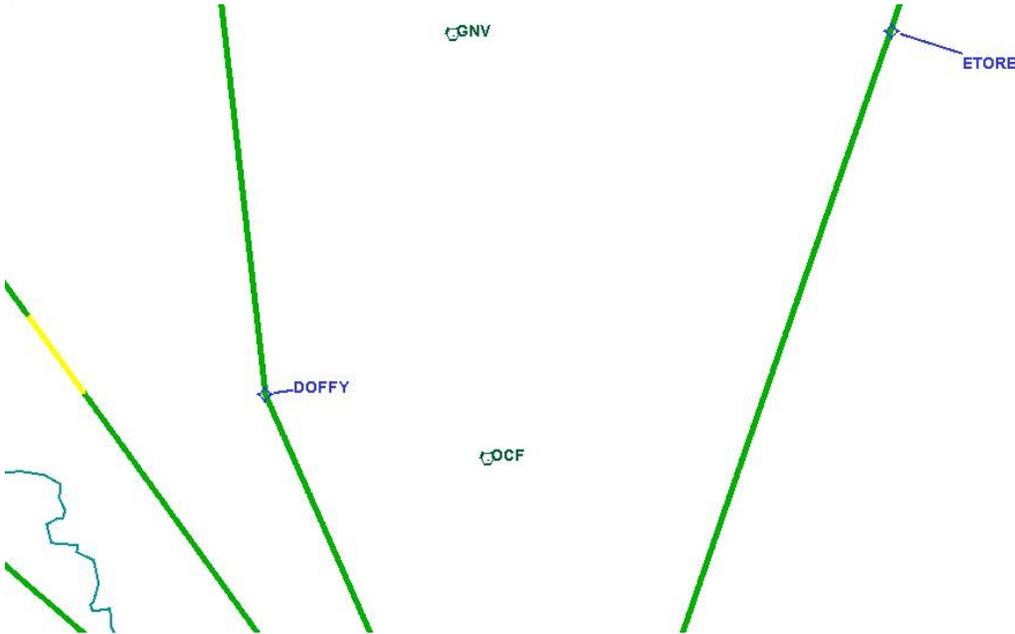
DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 5



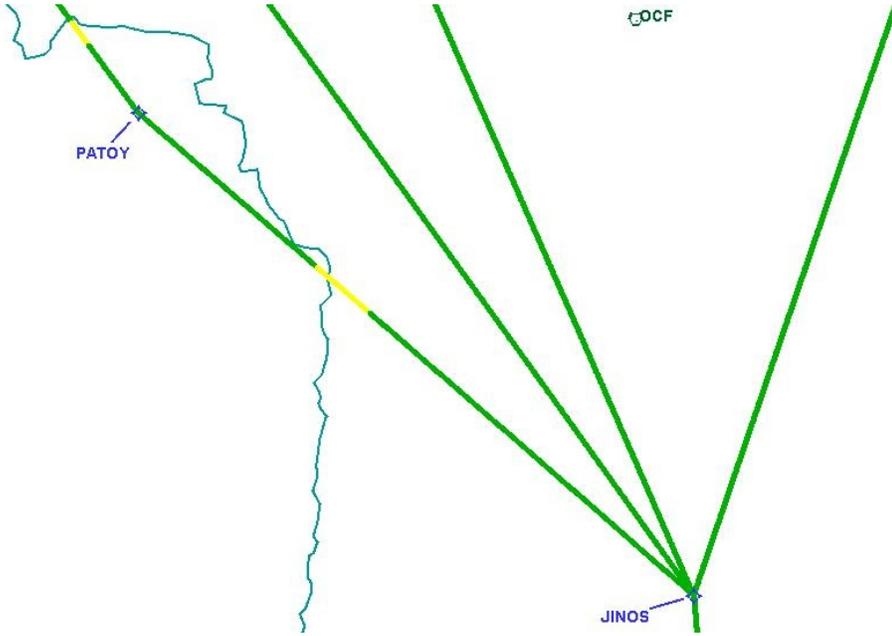
DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 6

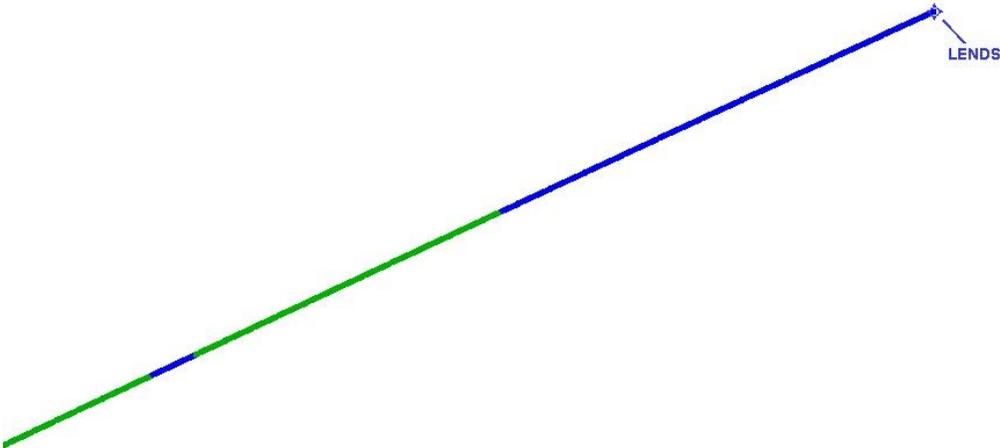


DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 7

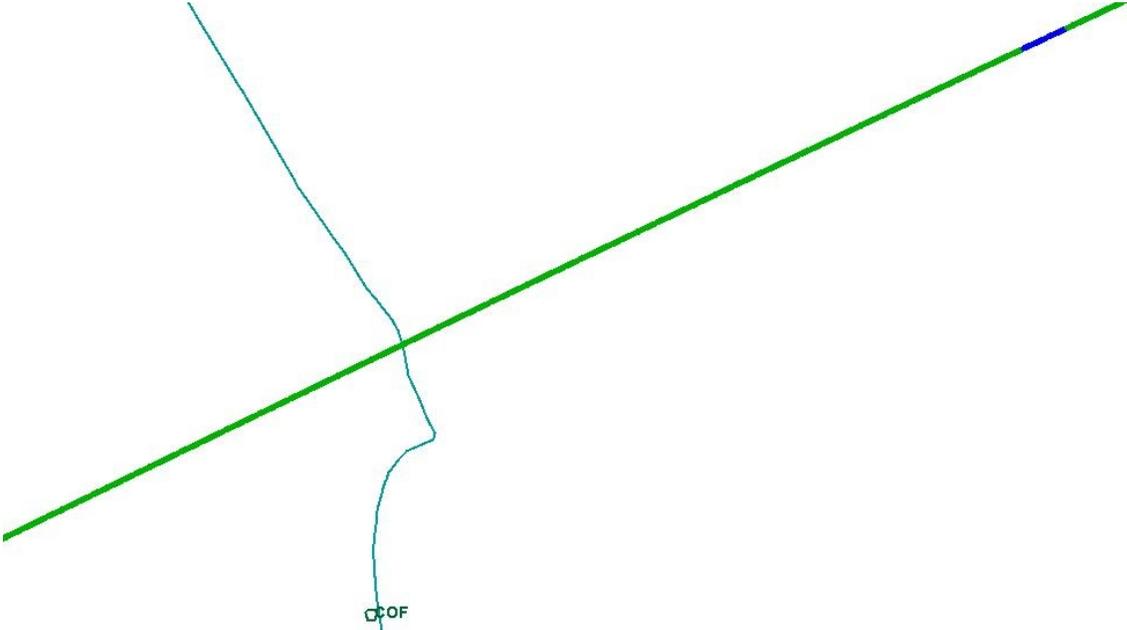


Graphic Depiction 8



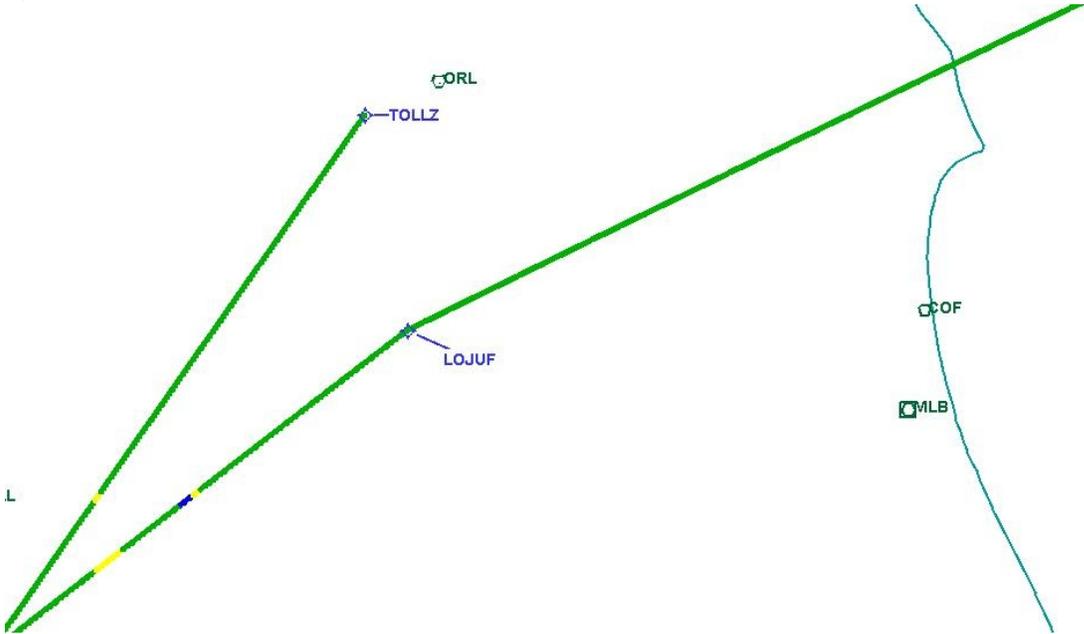
DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 9



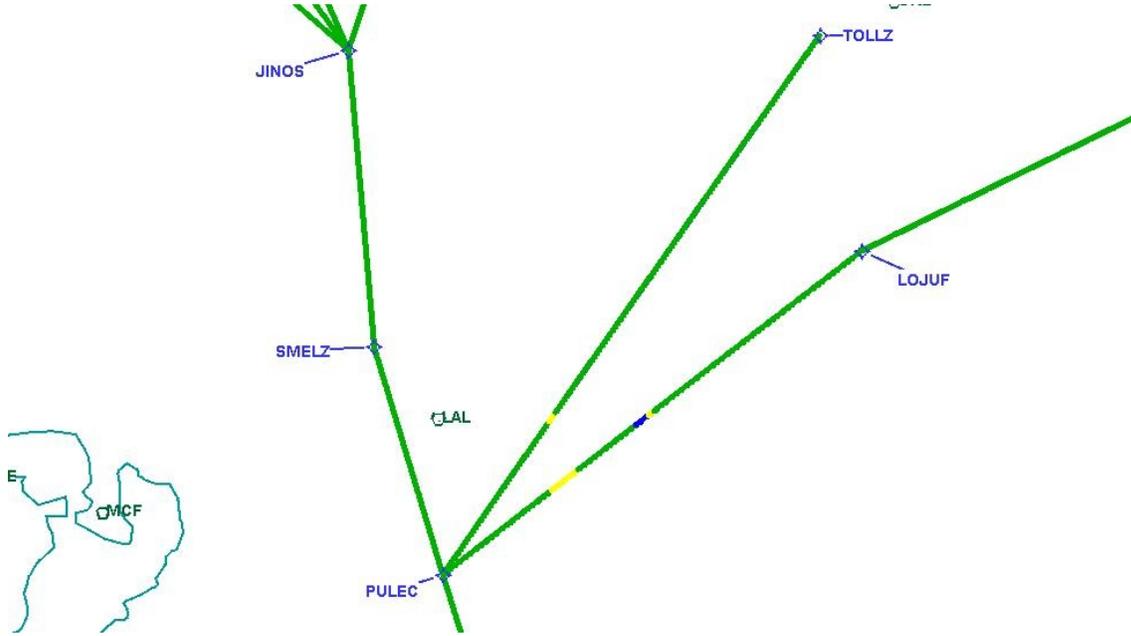
DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 10



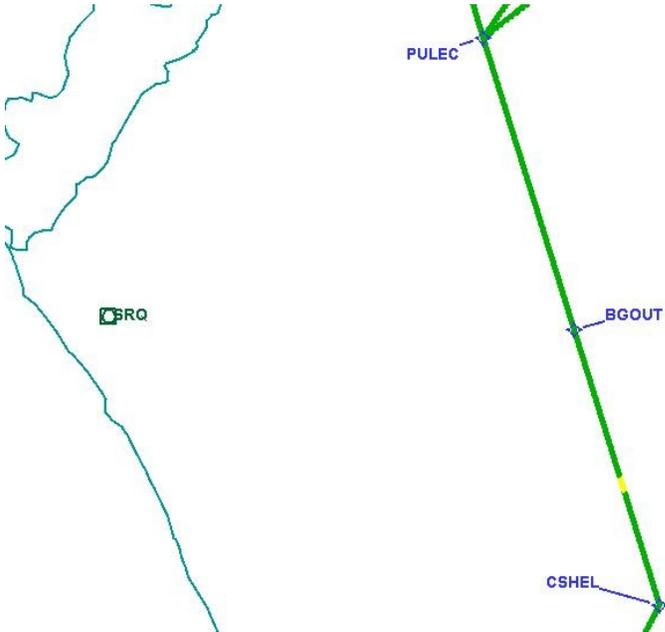
# DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 11



DME DME Assessment Results for CSHEL8 path JINOS\_JAMIZ

Graphic Depiction 12





## DME DME Assessment Results for CSHEL8 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\KRSW\KRSW CSHEL8 SID\KRSW CSHEL8 (RNAV) SID DME 05 DEC 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KRSW\KRSW CSHEL8 SID\DME\KRSW [IFPA] CSHEL8 20241205_1127 EST\JINOS_CAMJO\KRSW CSHEL8 SID JINOS CAMJO 20241205_1127 EST.pdf
Procedure Name:	CSHEL8
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/05/2024 11:27 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
JINOS	WP	N28° 28' 46.000000000", W082° 08' 52.000000000"	10000	VNAV	200	FLY_BY	TF
DOFFY	WP	N29° 15' 22.730000000", W082° 31' 38.100000000"	10000	VNAV	200	FLY_BY	TF
CAMJO	WP	N30° 30' 32.000000000", W082° 41' 11.000000000"	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 CSHEL8 path JINOS\_CAMJO**

<b>DME/DME</b>	
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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

**DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	0.0 E	130	H		NO	Enabled	59.8 %	59.8 %
2	MLB	N28° 06' 19.120000000", W080° 38' 06.460000000"	7.0 W	130	DH		NO	Enabled	29.9 %	29.9 %
3	SRQ	N27° 24' 25.255800000", W082° 33' 49.184700000"	5.0 W	130	DH		NO	Enabled	41.3 %	41.3 %
4	OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	0.0 E	40	L		NO	Enabled	60.8 %	60.8 %
5	LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	H		NO	Enabled	7.1 %	7 %
6	OTK	N30° 46' 49.605700000", W083° 16' 47.017000000"	2.0 W	130	H		NO	Enabled	2.8 %	2.8 %
7	VAD	N30° 57' 36.300000000", W083° 11' 36.430000000"	3.0 W	130	H		NO	Enabled	1.4 %	1.4 %
8	CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	2.0 W	40	L		NO	Enabled	51.9 %	51.9 %
9	PZD	N31° 39' 18.741000000", W084° 17' 35.161700000"	2.0 W	130	DH		NO	Enabled	1.5 %	1.5 %
10	TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	H		NO	Enabled	65 %	65.1 %
11	GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	4.0 W	40	L		NO	Enabled	62.9 %	62.9 %

**DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
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	MLB	OCF	TAY	OMN	SRQ	
35.1	MLB	OCF	SRQ			
37.8	TAY	OMN	SRQ	OCF		
39.5	OMN	GNV	TAY	OCF	SRQ	
46.2	GNV	OCF	CTY	SRQ		
52.1	CTY	GNV	OCF	TAY	OMN	
66.6	GNV	OCF	CTY			
69.1	TAY	CTY	GNV	OCF	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	VAD	PZD
125.9	CTY	OTK	PZD	GNV		
126.0	CTY	OTK	TAY	GNV	PZD	

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>
1	N30° 09' 00.475303839", W082° 38' 25.420874131"	N30° 16' 08.784426172", W082° 39' 20.196538232"	7.1653

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

**User Data Files**

#	File Name
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None

**DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO**

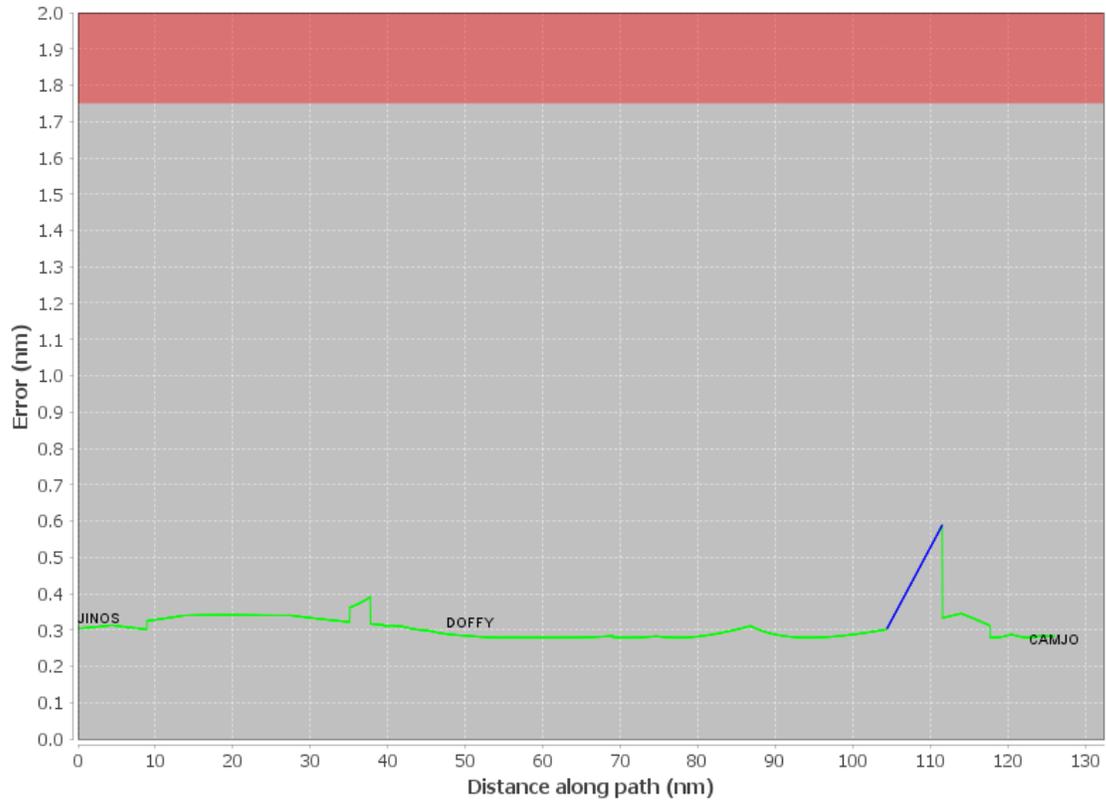
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TAY FAA 720642-25 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
2	GNV FAA 704230-38 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
3	TAY FAA 720642-33 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
4	OCF FAA 714002-35 OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	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		
5	TRV FAA 704266-78 TRV	N27° 40' 42.325600000", W080° 29' 23.012100000"	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		
6	LAL FAA 704224-101 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	
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		
7	GNV FAA 704230-50 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
8	TAY FAA 720642-32 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
9	AYS FAA 698108-6 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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	AYS FAA 698108-8 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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		
11	OTK FAA 872007-16 OTK	N30° 46' 49.599000000", W083° 16' 47.024000000"	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		
12	CTY FAA 704013-24 CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	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		

**DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO**

<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	OMN FAA 694106-23 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
14	ORL FAA 694096-49 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
15	ORL FAA 694096-72 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
16	OMN FAA 694106-18 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
17	LAL FAA 704224-61 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	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		
18	PHK FAA 900991-30 PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	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 CSHEL8 path JINOS\_CAMJO

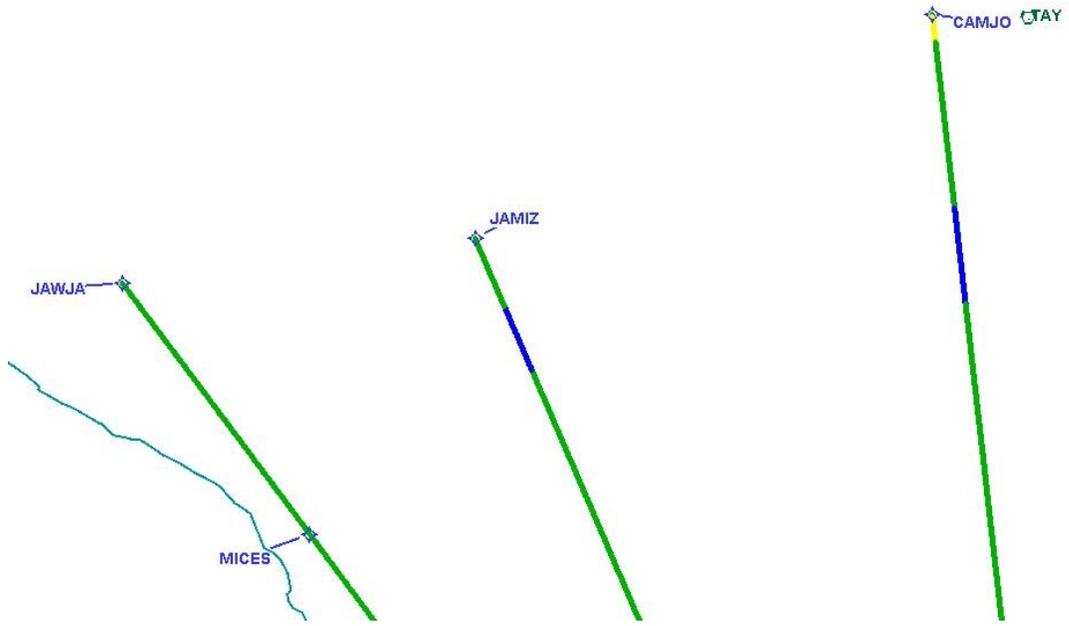
## DME Error





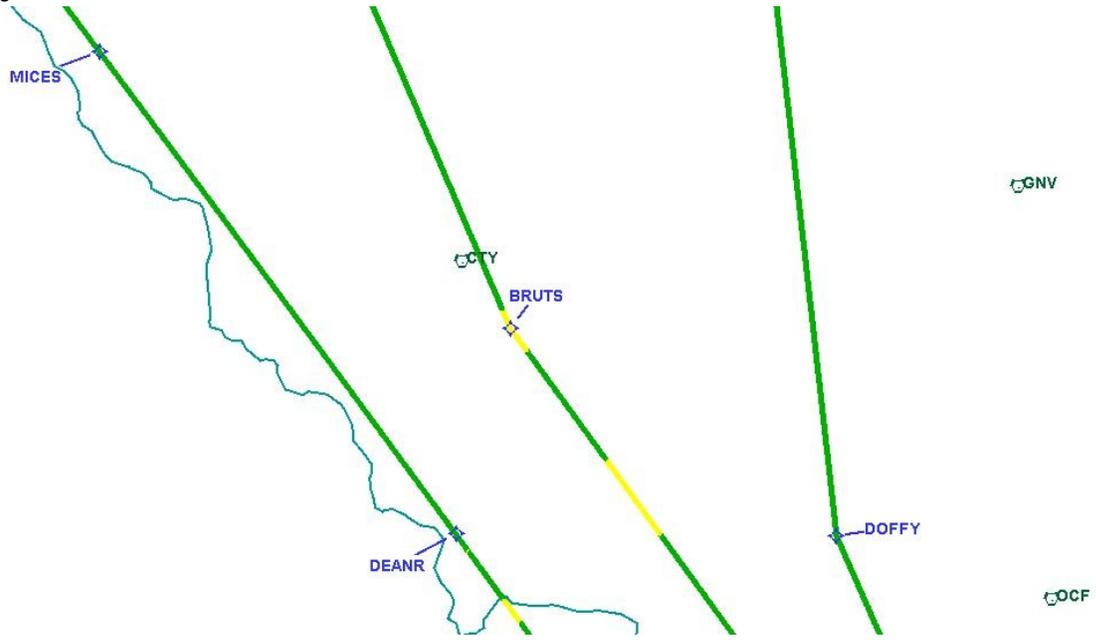
# DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 2



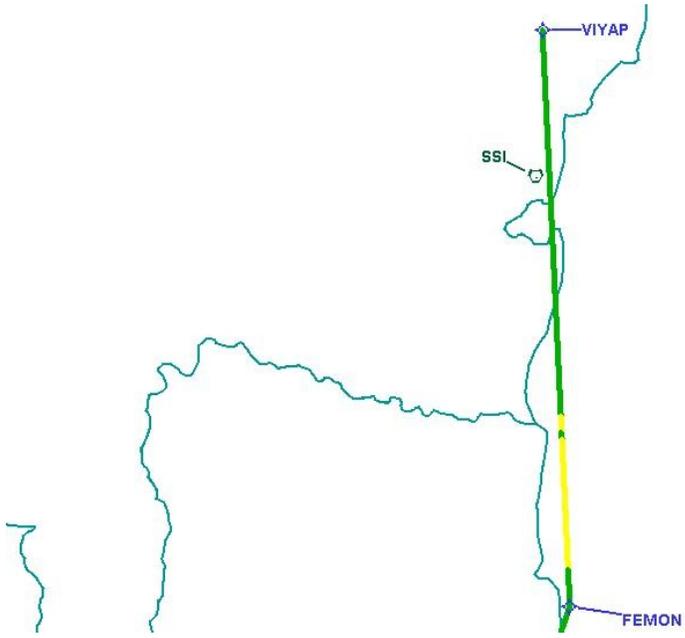
# DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 3



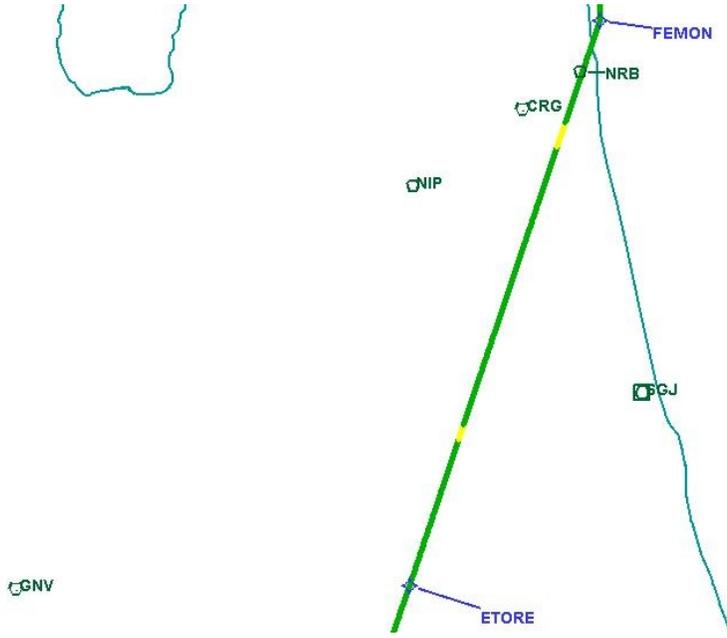
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 4



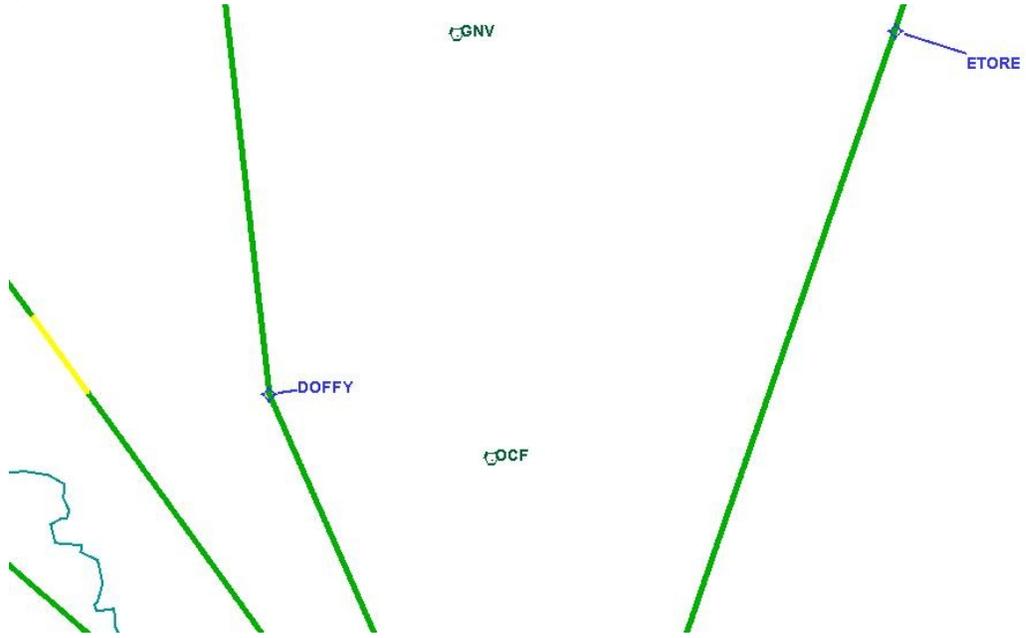
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 5



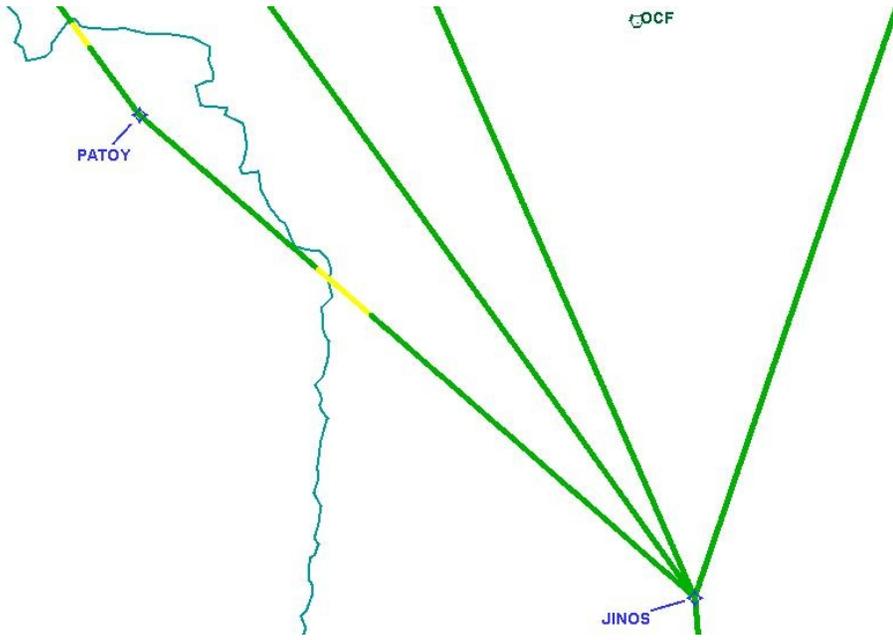
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 6



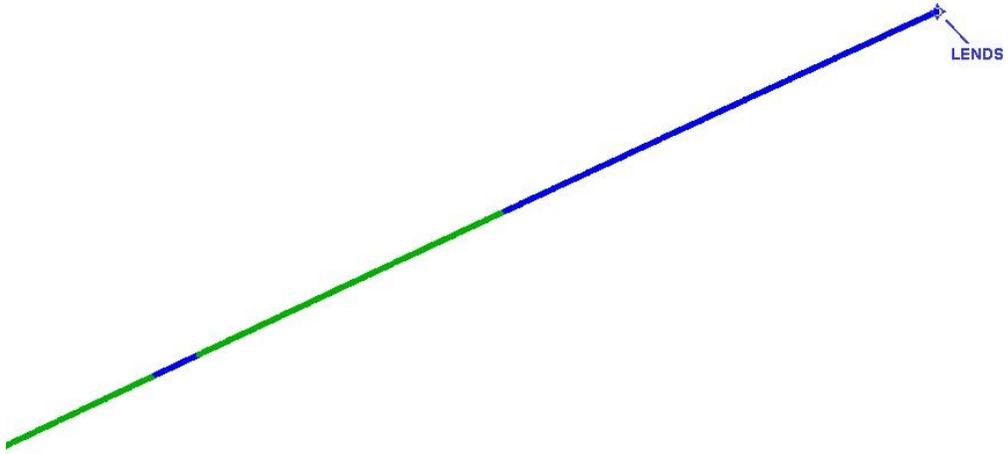
# DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 7



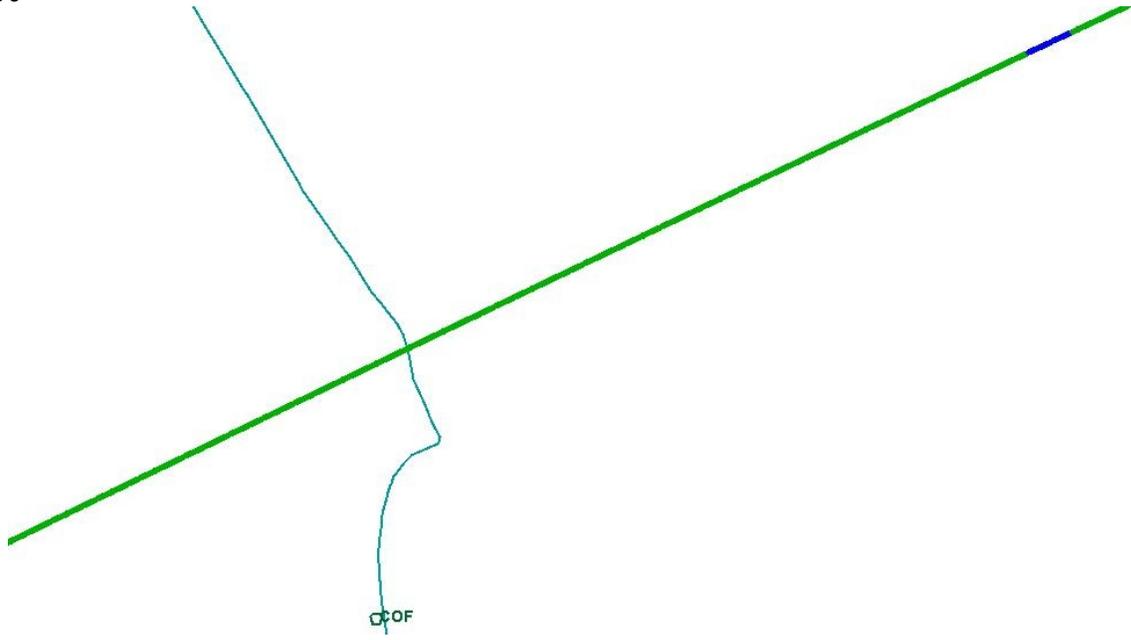
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 8



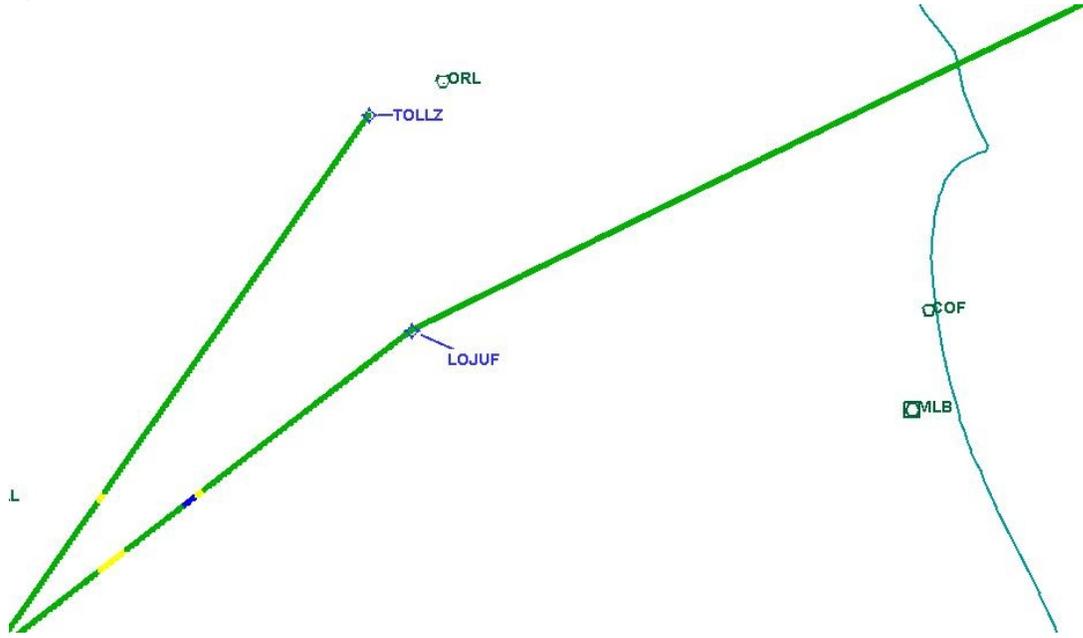
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 9



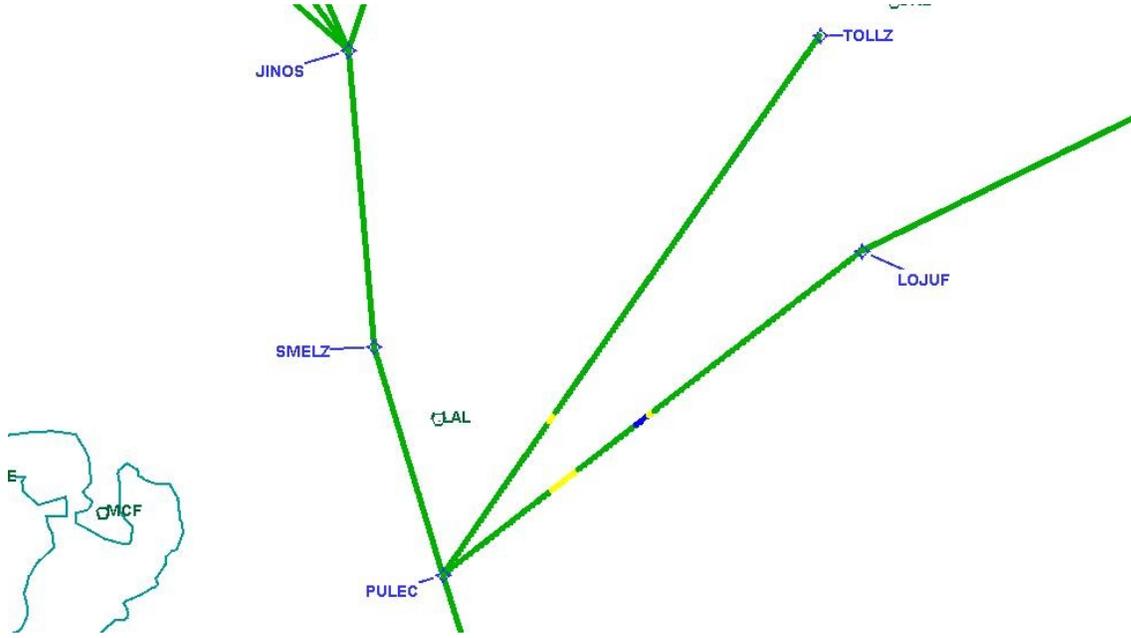
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 10



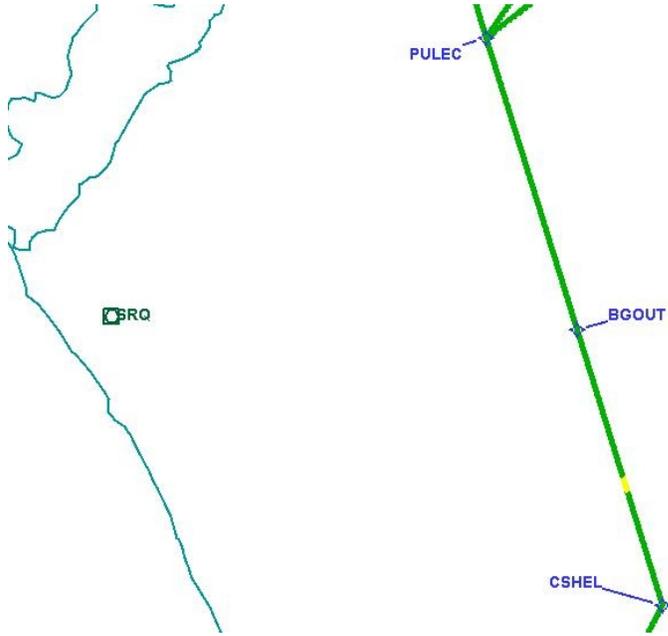
# DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 11



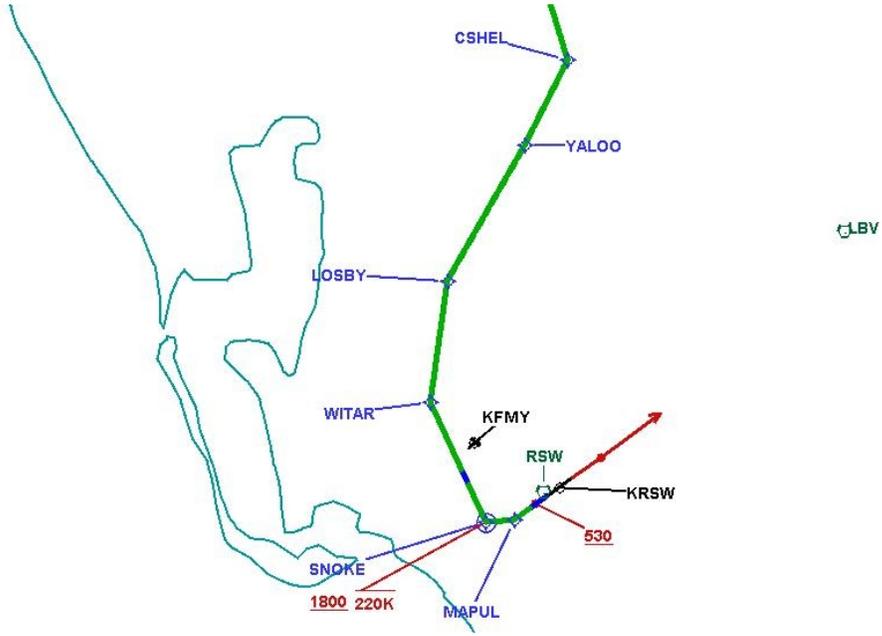
DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 12



# DME DME Assessment Results for CSHEL8 path JINOS\_CAMJO

Graphic Depiction 13



## DME DME Assessment Results for CSHEL8 path JINOS\_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\KRSW\KRSW CSHEL8 SID\KRSW CSHEL8 (RNAV) SID DME 05 DEC 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KRSW\KRSW CSHEL8 SID\DME\KRSW [IFPA] CSHEL8 20241205_1127 EST\JINOS_VIYAP\KRSW CSHEL8 SID JINOS VIYAP 20241205_1127 EST.pdf
Procedure Name:	CSHEL8
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/05/2024 11:27 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
JINOS	WP	N28° 28' 46.000000000", W082° 08' 52.000000000"	10000	VNAV	200	FLY_BY	TF
ETORE	WP	N29° 41' 49.000000000", W081° 40' 47.750000000"	10000	VNAV	200	FLY_BY	TF
FEMON	WP	N30° 27' 31.570000000", W081° 23' 36.200000000"	10000	VNAV	200	FLY_BY	TF
VIYAP	WP	N31° 15' 08.150000000", W081° 26' 08.180000000"	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 CSHEL8 path JINOS\_VIYAP**

<b>DME/DME</b>	
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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

**DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	MLB	N28° 06' 19.120000000", W080° 38' 06.460000000"	7.0 W	130	DH		NO	Enabled	44.3 %	44.3 %
2	ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	0.0 E	130	H		NO	Enabled	4.9 %	4.9 %
3	SSI	N31° 03' 01.851400000", W081° 26' 45.465100000"	4.0 W	40	L		NO	Enabled	25.2 %	25.2 %
4	TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	H		NO	Enabled	18.8 %	18.8 %
5	GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	4.0 W	40	L		NO	Enabled	26.6 %	26.6 %
6	OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	0.0 E	130	H		NO	Enabled	40.5 %	40.5 %
7	SRQ	N27° 24' 25.255800000", W082° 33' 49.184700000"	5.0 W	130	DH		NO	Enabled	26 %	26 %
8	OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	0.0 E	40	L		NO	Enabled	41.9 %	41.9 %
9	NIP	N30° 14' 05.460000000", W081° 40' 30.200000000"	6.0 W	40	L		NO	Enabled	33 %	33 %
10	LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	H		NO	Enabled	5.1 %	5.1 %
11	SGJ	N29° 57' 24.227600000", W081° 19' 48.772800000"	6.0 W	25	T		NO	Enabled	20.6 %	20.6 %
12	CRG	N30° 20' 19.965100000", W081° 30' 35.738400000"	3.0 W	130	H		NO	Enabled	43.8 %	43.8 %
13	AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	0.0 E	40	L		NO	Enabled	37.1 %	37.1 %
14	NRB	N30° 23' 19.012900000", W081° 25' 23.075300000"	6.0 W	40	L		NO	Enabled	39.3 %	39.3 %

**DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	MLB	SRQ	OCF	OMN	LAL	
8.8	OMN	OCF	MLB	SRQ		
17.6	MLB	SRQ	OCF			
19.8	OMN	OCF	MLB	SRQ		
40.3	SRQ	OCF	MLB			
44.6	GNV	OCF	SRQ	MLB		
44.9	OMN	GNV	OCF	MLB		
69.4	GNV	OCF	MLB			
72.2	ORL	GNV	OMN	MLB		
76.5	ORL	GNV	OMN			
77.0	CRG	GNV	ORL	OMN		
78.6	OMN	SGJ	CRG	GNV	ORL	
79.7	ORL	GNV	CRG	SGJ		
80.7	CRG	GNV	NRB	SGJ		
90.2	NIP	SGJ	GNV	CRG	NRB	
90.5	NIP	SGJ	CRG	NRB	AYS	
93.5	CRG	SGJ	NRB	NIP		
105.6	NIP	NRB	CRG	AYS		
107.5	NIP	NRB	CRG	AYS	SGJ	
113.3	NIP	SGJ	AYS	NRB		
114.1	NIP	SGJ	CRG	NRB		
116.1	AYS	NIP				
119.2	AYS	NIP	CRG			
121.9	AYS	CRG	NIP	SSI		
127.8	AYS	NIP	CRG	NRB	SSI	
128.0	SSI	NIP	CRG	NRB		
129.5	AYS	NIP	CRG	NRB	SSI	
147.2	TAY	SSI	AYS	CRG	NRB	
150.0	TAY	SSI	NRB	CRG		
152.2	AYS	CRG	TAY	SSI	NRB	
156.3	AYS	CRG	NRB	TAY		
156.5	AYS	NRB	TAY			
160.3	TAY	AYS				
163.2	AYS	SSI	TAY			

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>

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

**User Data Files**

#	File Name
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None

**DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP**

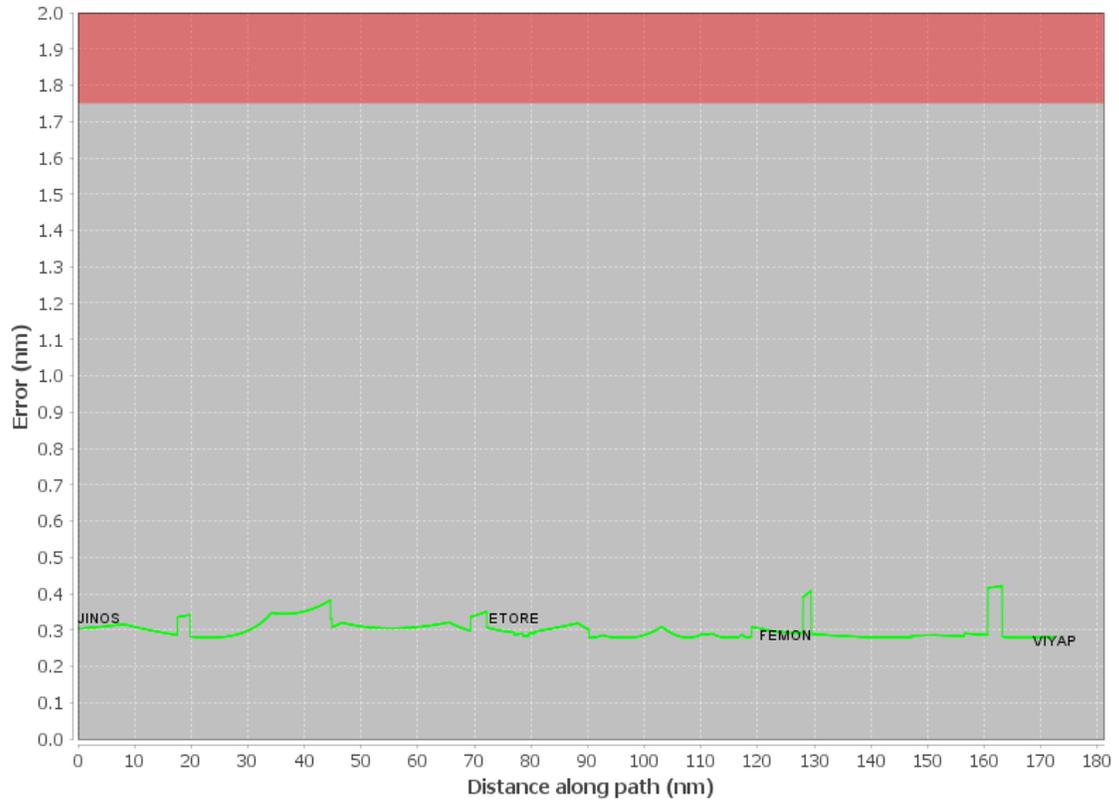
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TAY FAA 720642-25 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
2	GNV FAA 704230-38 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
3	TAY FAA 720642-33 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
4	OCF FAA 714002-35 OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	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		
5	TRV FAA 704266-78 TRV	N27° 40' 42.325600000", W080° 29' 23.012100000"	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		
6	LAL FAA 704224-101 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	
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		
7	GNV FAA 704230-50 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
8	TAY FAA 720642-32 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
9	AYS FAA 698108-6 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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	AYS FAA 698108-8 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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		
11	OTK FAA 872007-16 OTK	N30° 46' 49.599000000", W083° 16' 47.024000000"	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		
12	CTY FAA 704013-24 CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	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		

**DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP**

<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	OMN FAA 694106-23 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
14	ORL FAA 694096-49 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
15	ORL FAA 694096-72 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
16	OMN FAA 694106-18 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
17	LAL FAA 704224-61 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	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		
18	PHK FAA 900991-30 PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	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 CSHEL8 path JINOS\_VIYAP

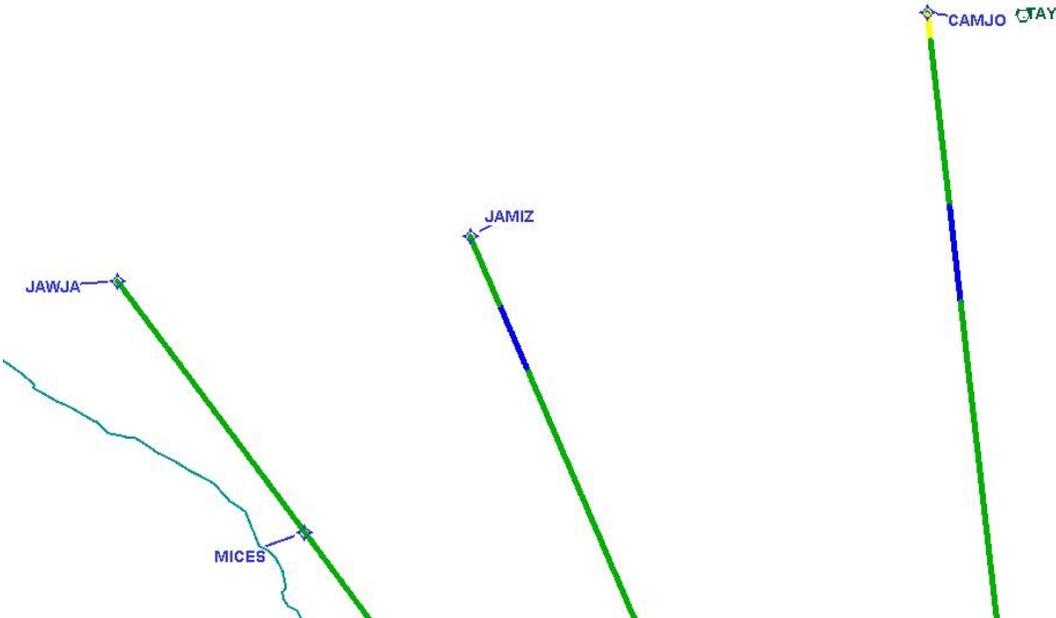
## DME Error





DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 2



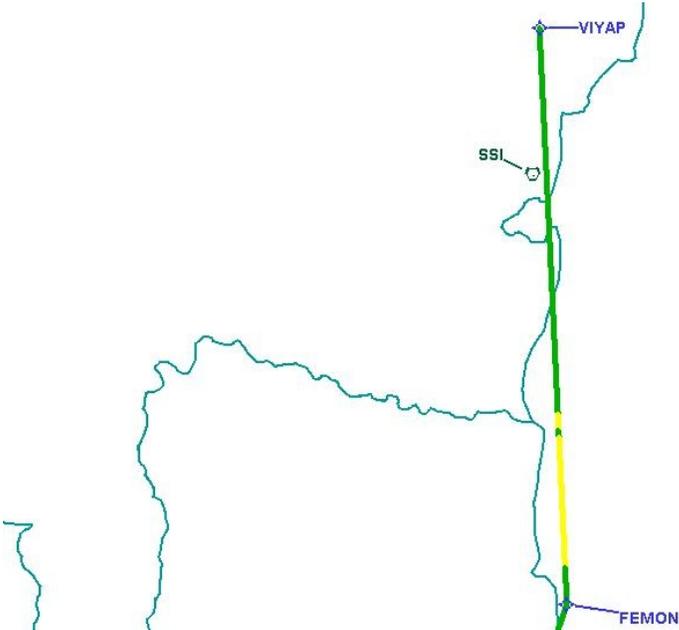
DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 3



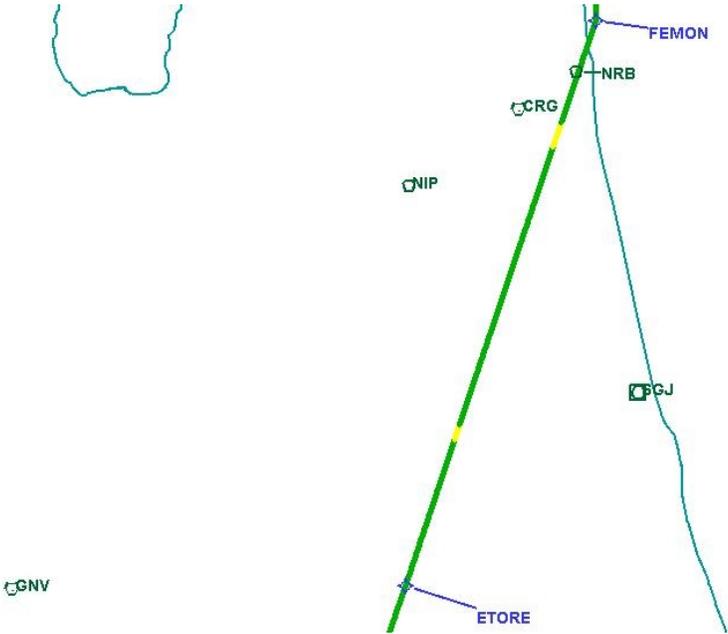
DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 4



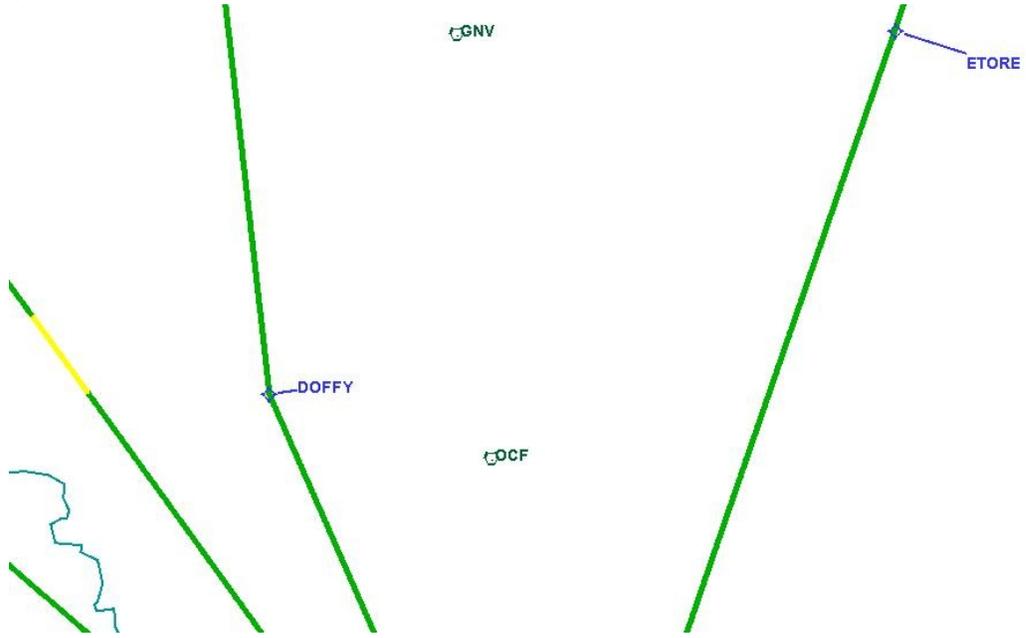
DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 5



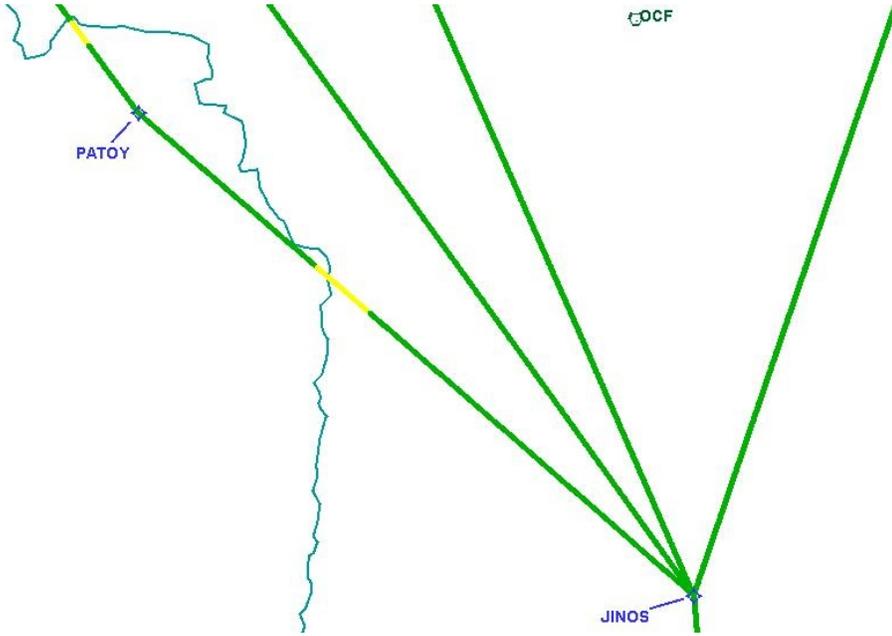
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Graphic Depiction 6

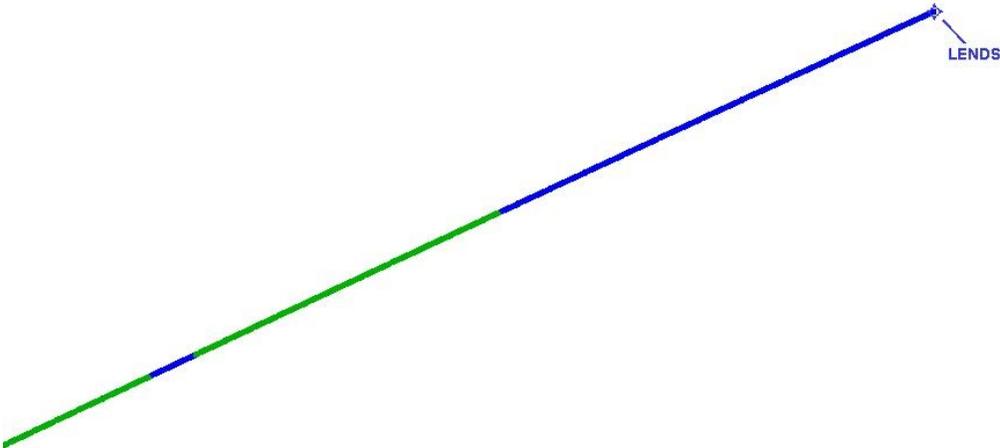


DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 7

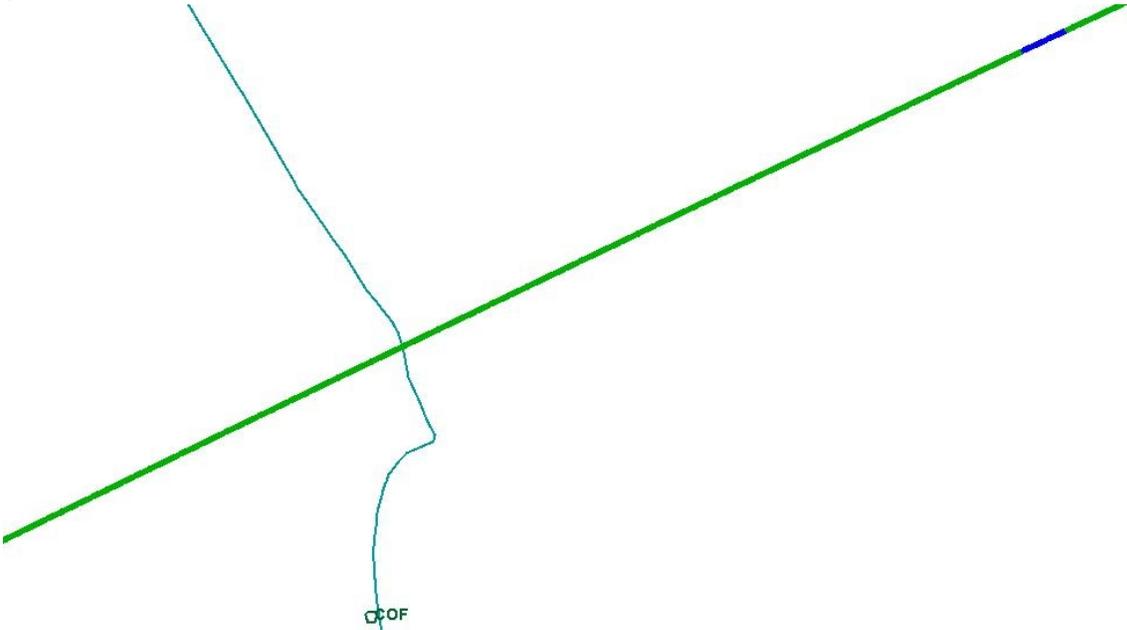


Graphic Depiction 8



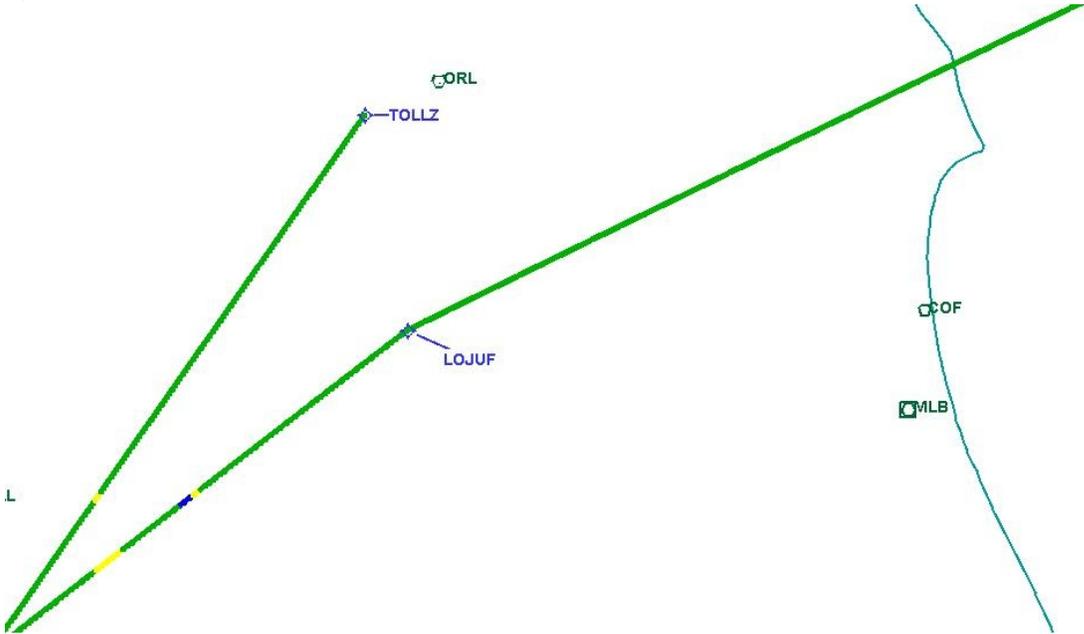
DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 9



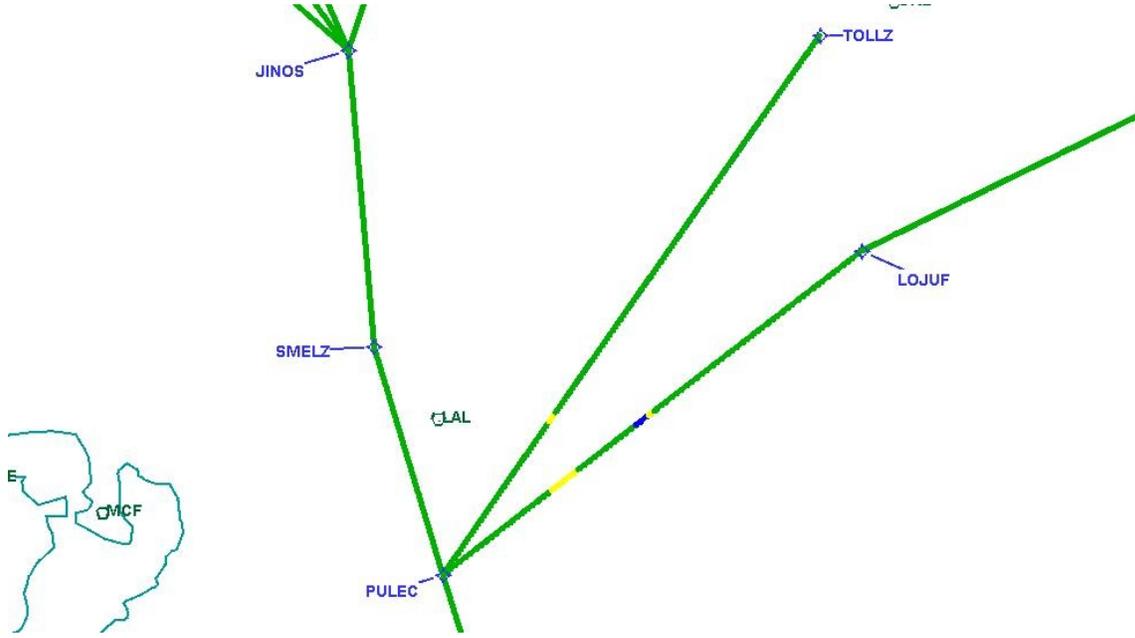
DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 10



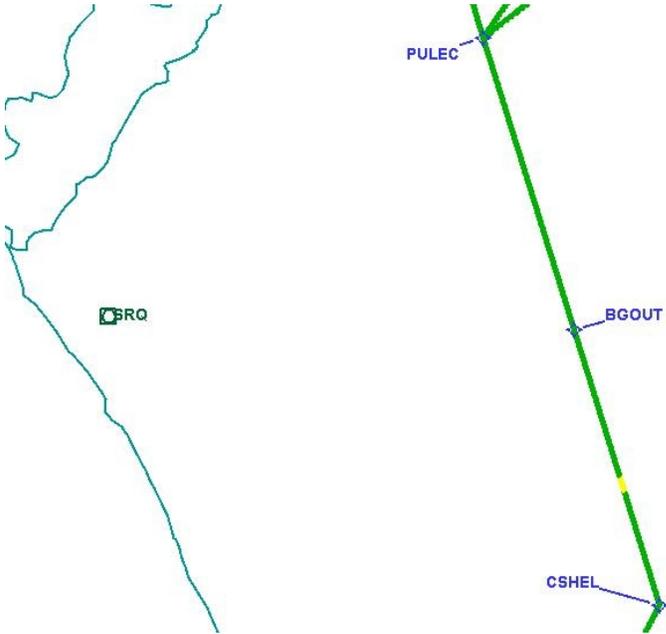
# DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 11



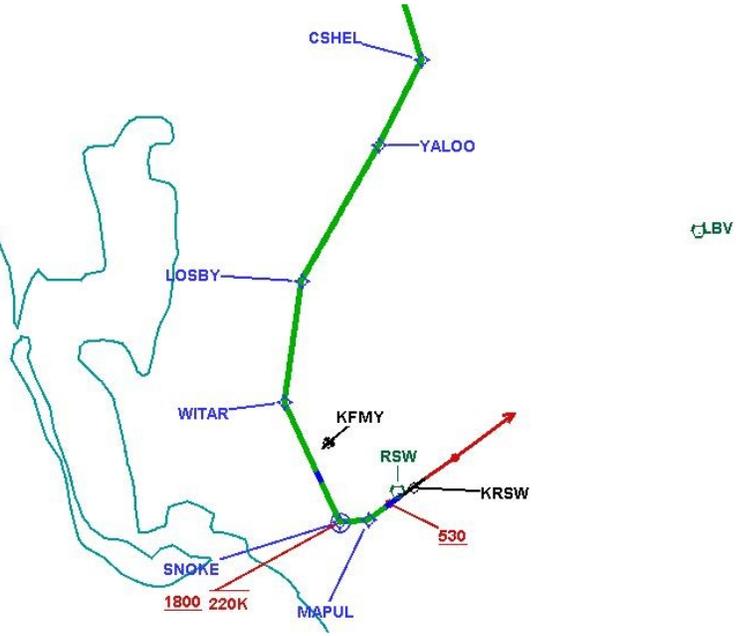
DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 12



# DME DME Assessment Results for CSHEL8 path JINOS\_VIYAP

Graphic Depiction 13



## DME DME Assessment Results for CSHEL8 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\KRSW\KRSW CSHEL8 SID\KRSW CSHEL8 (RNAV) SID DME 05 DEC 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KRSW\KRSW CSHEL8 SID\DME\KRSW [IFPA] CSHEL8 20241205_1127 EST\PULEC_TOLLZ\KRSW CSHEL8 SID PULEC TOLLZ 20241205_1127 EST.pdf
Procedure Name:	CSHEL8
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/05/2024 11:27 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PULEC	WP	N27° 46' 45.950000000", W082° 00' 25.700000000"	8000	VNAV	200	FLY_BY	TF
TOLLZ	WP	N28° 29' 57.840000000", W081° 26' 43.180000000"	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 CSHEL8 path PULEC\_TOLLZ**

<b>DME/DME</b>	
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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	MCF	N27° 51' 40.180000000", W082° 30' 48.640000000"	6.0 W	40	L		NO	Enabled	31.4 %	31.4 %
2	MLB	N28° 06' 19.120000000", W080° 38' 06.460000000"	7.0 W	130	DH		NO	Enabled	99.3 %	99.3 %
3	SRQ	N27° 24' 25.255800000", W082° 33' 49.184700000"	5.0 W	130	DH		NO	Enabled	100 %	100 %
4	OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	0.0 E	40	L		NO	Enabled	78.9 %	78.9 %
5	LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	H		NO	Enabled	92.3 %	92.3 %
6	ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	0.0 E	130	H		NO	Enabled	64.6 %	64.6 %

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

<b>Inertial Drift Segments</b>			
#	Start Location	End Location	Length [NM]

## DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

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

**DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ**

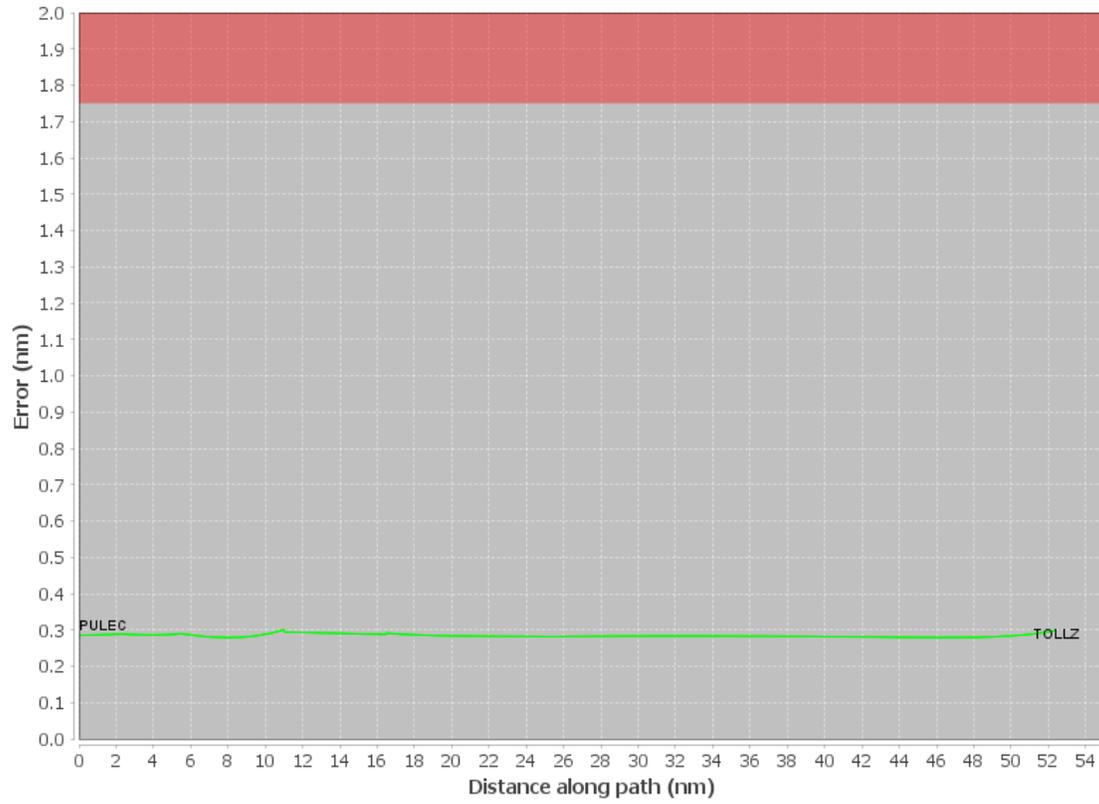
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TAY FAA 720642-25 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
2	GNV FAA 704230-38 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
3	TAY FAA 720642-33 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
4	OCF FAA 714002-35 OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	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		
5	TRV FAA 704266-78 TRV	N27° 40' 42.325600000", W080° 29' 23.012100000"	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		
6	LAL FAA 704224-101 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	
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		
7	GNV FAA 704230-50 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
8	TAY FAA 720642-32 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
9	AYS FAA 698108-6 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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	AYS FAA 698108-8 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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		
11	OTK FAA 872007-16 OTK	N30° 46' 49.599000000", W083° 16' 47.024000000"	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		
12	CTY FAA 704013-24 CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	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		

**DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ**

<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	OMN FAA 694106-23 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
14	ORL FAA 694096-49 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
15	ORL FAA 694096-72 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
16	OMN FAA 694106-18 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
17	LAL FAA 704224-61 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	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		
18	PHK FAA 900991-30 PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	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		

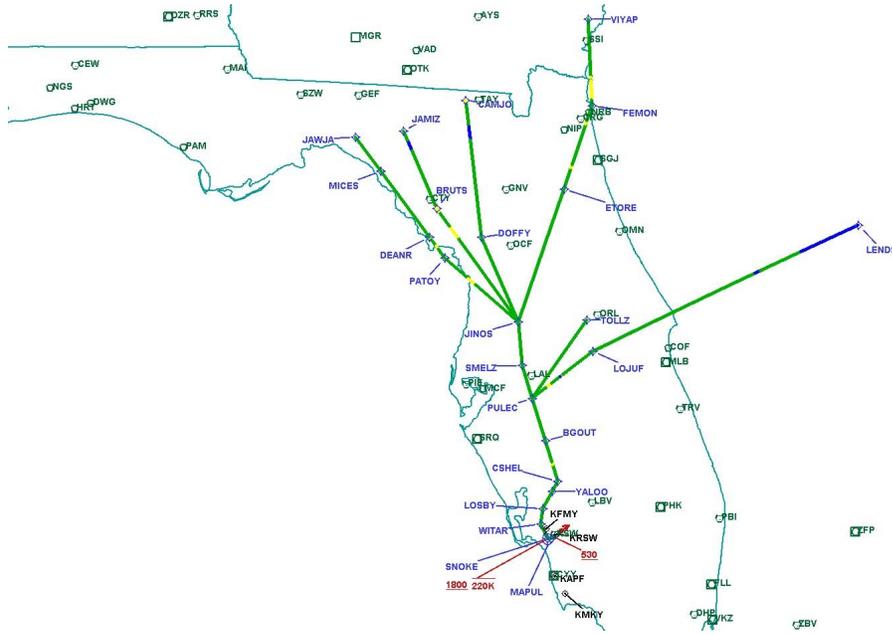
# DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

## DME Error



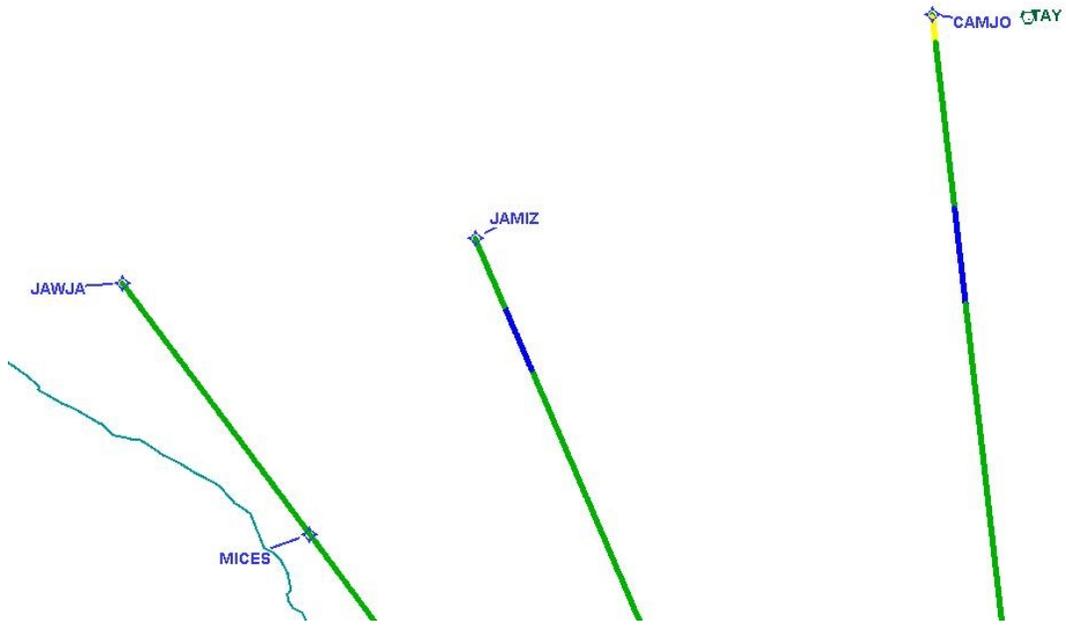
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Graphic Depiction 1



# DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 2



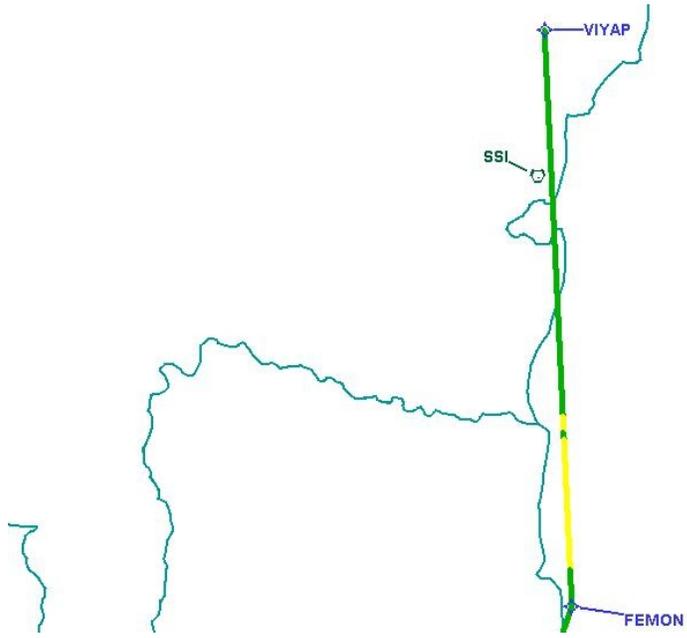
# DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 3



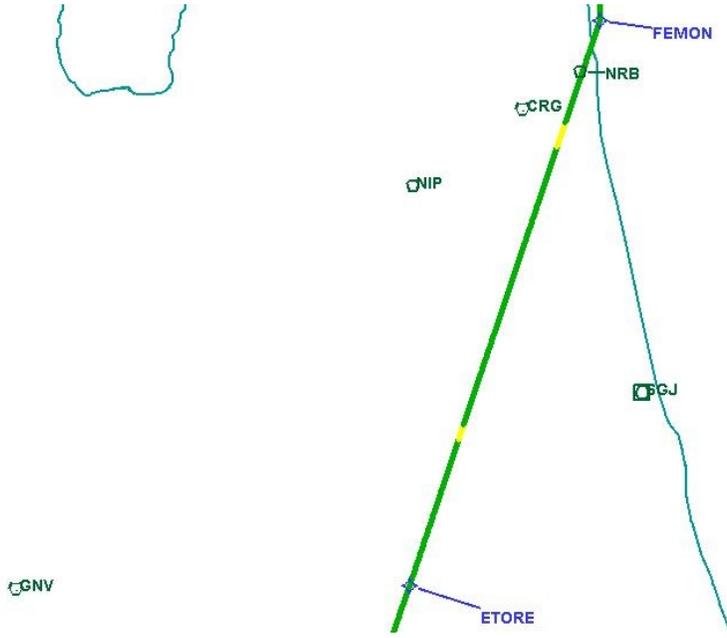
DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 4



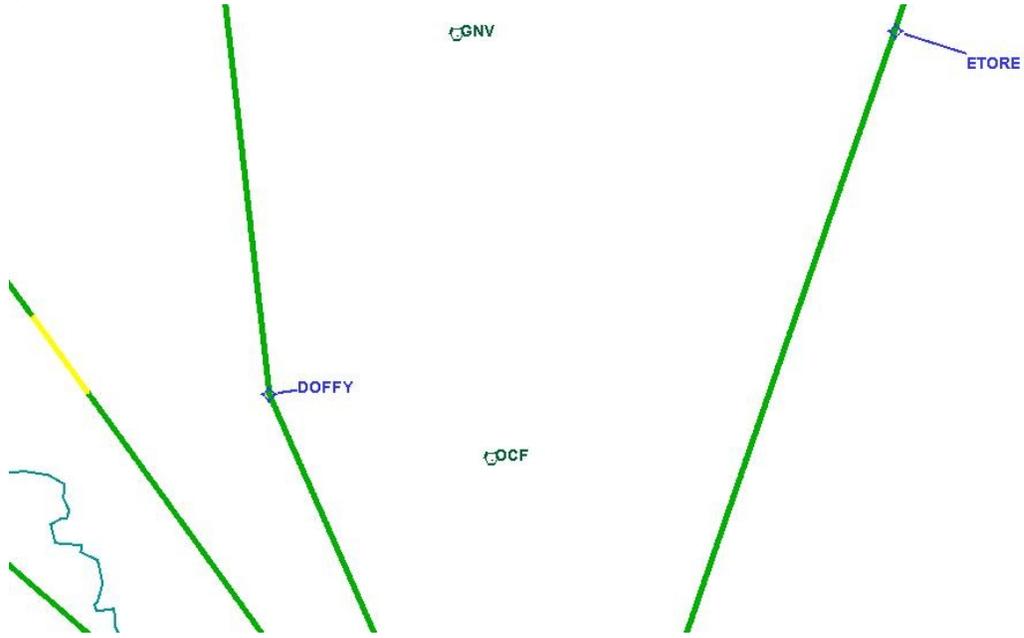
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Graphic Depiction 5



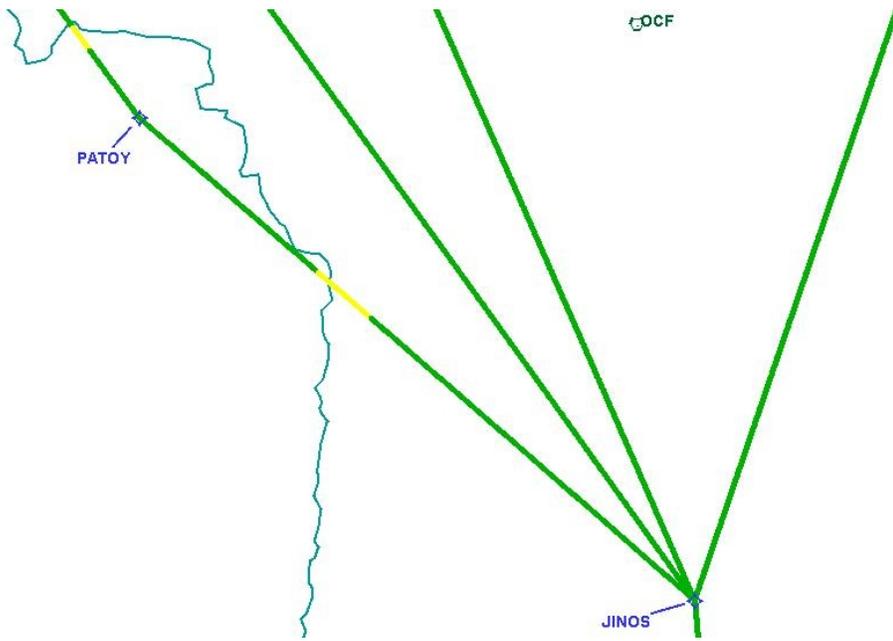
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Graphic Depiction 6



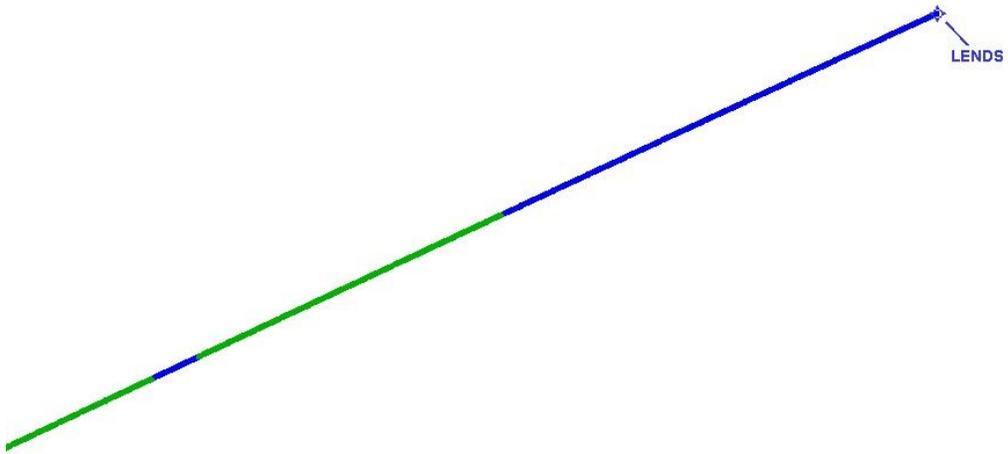
# DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 7



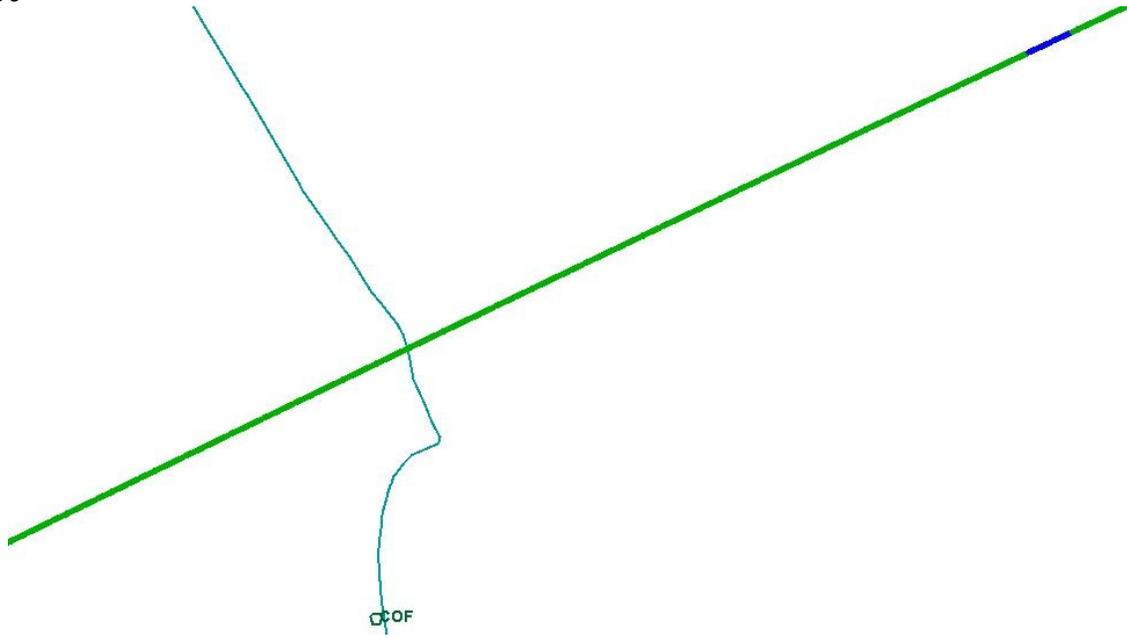
DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 8



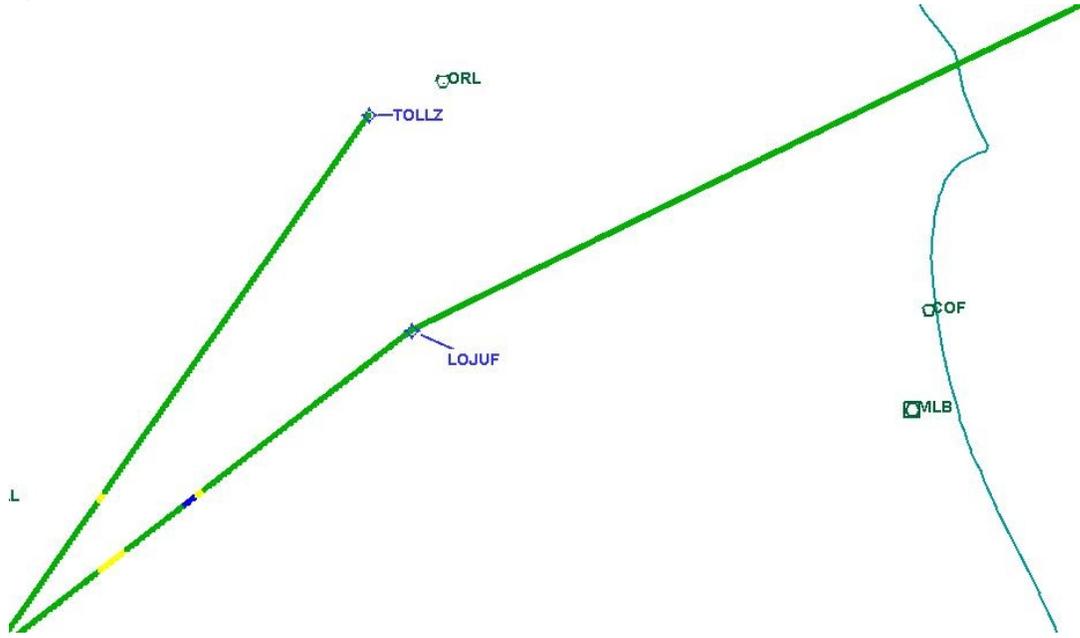
DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 9



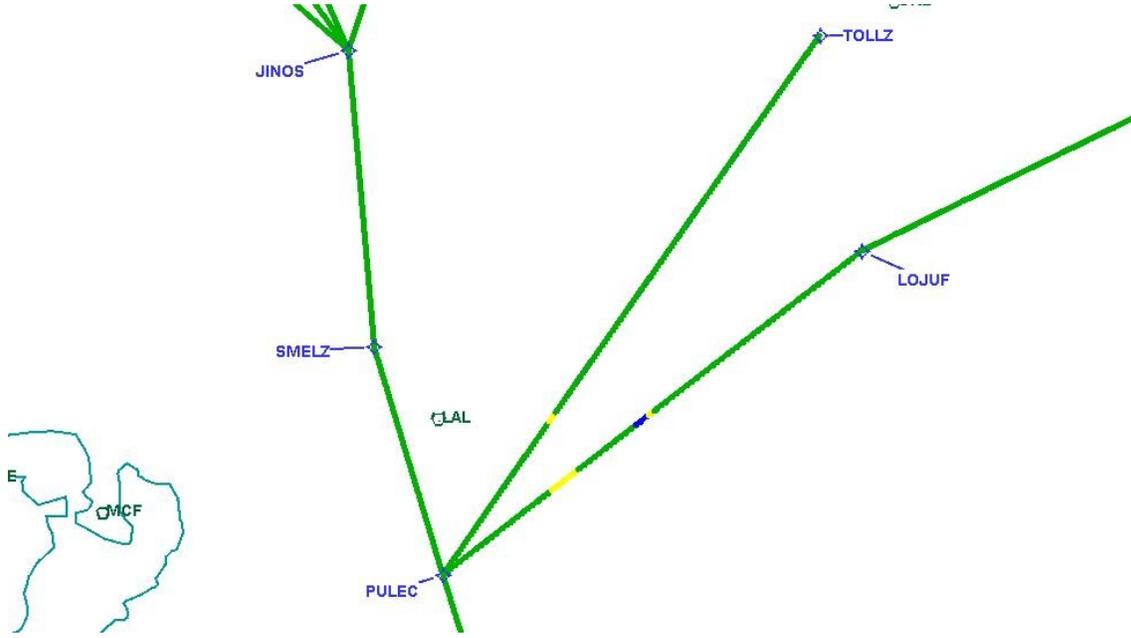
DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 10



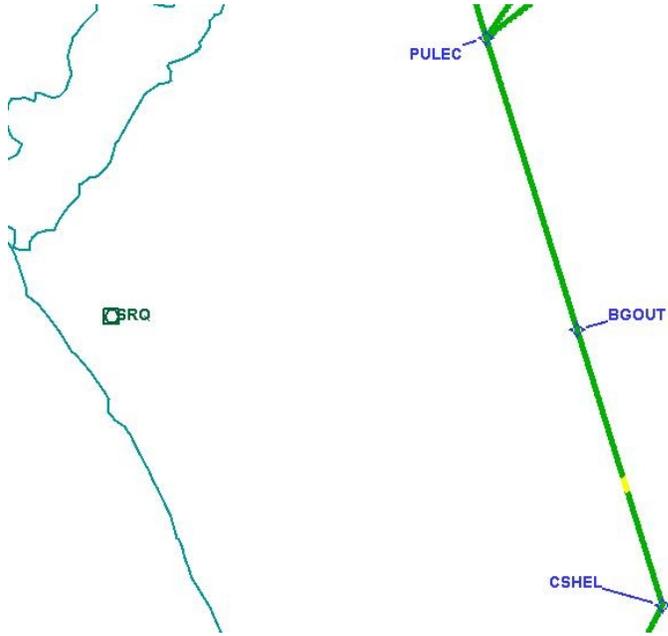
# DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 11



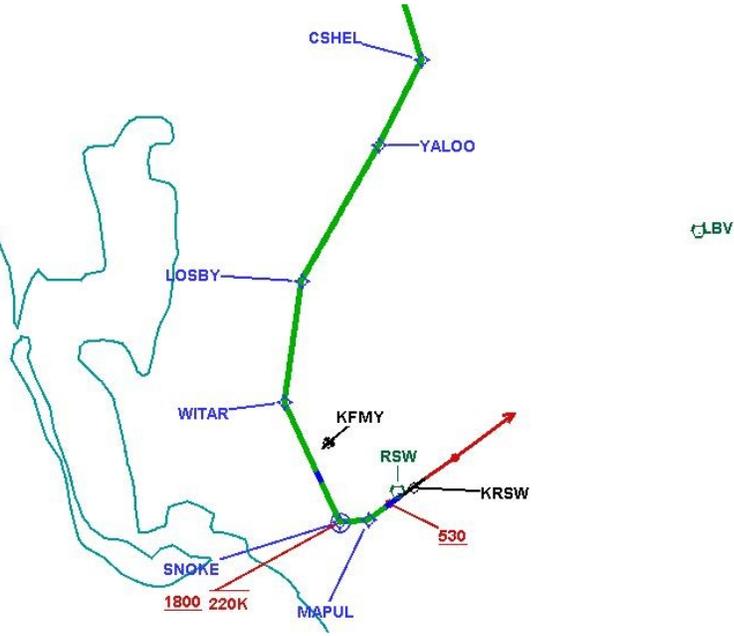
DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 12



# DME DME Assessment Results for CSHEL8 path PULEC\_TOLLZ

Graphic Depiction 13



## DME DME Assessment Results for CSHEL8 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\KRSW\KRSW CSHEL8 SID\KRSW CSHEL8 (RNAV) SID DME 05 DEC 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KRSW\KRSW CSHEL8 SID\DME\KRSW [IFPA] CSHEL8 20241205_1127 EST\PULEC_LENDS\KRSW CSHEL8 SID PULEC LENDS 20241205_1127 EST.pdf
Procedure Name:	CSHEL8
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/05/2024 11:27 EST
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PULEC	WP	N27° 46' 45.950000000", W082° 00' 25.700000000"	8000	VNAV	200	FLY_BY	TF
LOJUF	WP	N28° 12' 42.900000000", W081° 22' 56.610000000"	12000	VNAV	240	FLY_BY	TF
LENDS	WP	N29° 21' 57.390000000", W078° 40' 12.350000000"	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 CSHEL8 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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	MCF	N27° 51' 40.180000000", W082° 30' 48.640000000"	6.0 W	40	L		NO	Enabled	7.8 %	6.7 %
2	OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	0.0 E	130	H		NO	Enabled	36.1 %	37.6 %
3	MLB	N28° 06' 19.120000000", W080° 38' 06.460000000"	7.0 W	130	DH		NO	Enabled	77.8 %	77.6 %
4	SRQ	N27° 24' 25.255800000", W082° 33' 49.184700000"	5.0 W	130	DH		NO	Enabled	47.6 %	45.6 %
5	OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	0.0 E	40	L		NO	Enabled	5.8 %	5 %
6	LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	H		NO	Enabled	24.9 %	22 %
7	ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	0.0 E	130	H		NO	Enabled	66.7 %	67.4 %
8	TRV	N27° 40' 42.258700000", W080° 29' 23.040000000"	7.0 W	130	H		NO	Enabled	9.2 %	9.5 %
9	COF	N28° 14' 15.660000000", W080° 36' 42.330000000"	7.0 W	40	L		NO	Enabled	32.7 %	34.1 %
10	PIE	N27° 54' 27.951800000", W082° 41' 03.513100000"	5.0 W	130	H		NO	Enabled	0.1 %	0.1 %

## DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MCF	LAL	PIE	MLB	SRQ	
0.2	MCF	LAL	MLB	SRQ		
10.9	SRQ	LAL	MCF			
10.9	SRQ	LAL	MLB	MCF		
13.6	SRQ	LAL				
19.3						
20.7	ORL	LAL	MLB	SRQ		
21.3	OCF	MLB	SRQ	LAL	ORL	
31.4	MLB	ORL	LAL	SRQ		
45.1	ORL	COF	MLB	LAL	SRQ	
45.5	ORL	COF	MLB	SRQ		
57.1	OMN	COF	MLB	ORL	SRQ	
71.0	MLB	SRQ	COF	ORL		
87.5	ORL	COF	MLB	OMN	SRQ	
93.1	ORL	MLB	COF	OMN		
113.6	OMN	MLB	ORL			
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' 42.030684651", W081° 43' 15.365153288"	N27° 59' 31.335790326", W081° 42' 04.168571803"	1.3324
2	N28° 55' 29.252652463", W079° 43' 45.551696861"	N28° 56' 59.428375789", W079° 40' 11.820026349"	3.4664
3	N29° 07' 24.558806735", W079° 15' 21.066935902"	N29° 21' 57.390000000", W078° 40' 12.350000000"	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, COF	

**User Data Files**

#	File Name
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None

**DME DME Assessment Results for CSHEL8 path PULEC\_LENDS**

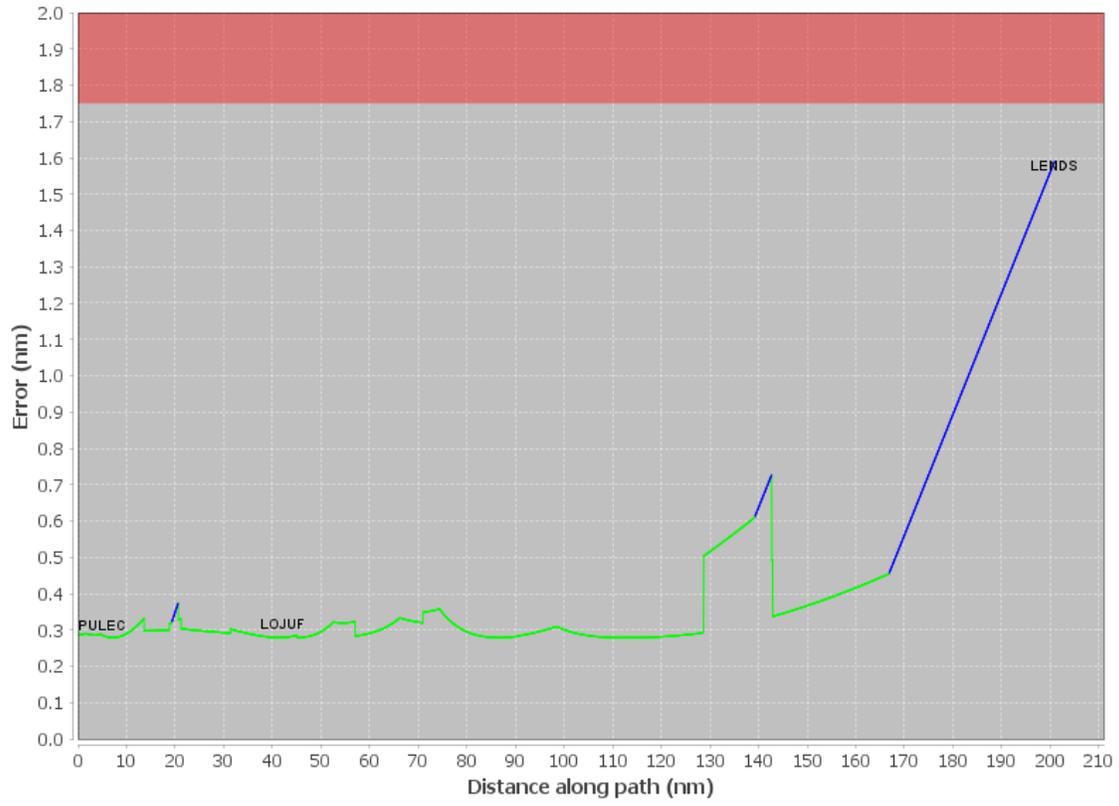
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TAY FAA 720642-25 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	3.0 W	130	140	112.9	TAY FAA 720642-25	
ESV:		Bearing [True]: 45.0° to 78.0° Bearing [Mag]: 48.0° to 81.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 11000.0 ft		
2	GNV FAA 704230-38 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
3	TAY FAA 720642-33 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
4	OCF FAA 714002-35 OCF	N29° 10' 38.917700000", W082° 13' 34.801800000"	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		
5	TRV FAA 704266-78 TRV	N27° 40' 42.325600000", W080° 29' 23.012100000"	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		
6	LAL FAA 704224-101 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	1.0 E	130	133.8	116.0	LAL FAA 704224-101	
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		
7	GNV FAA 704230-50 GNV	N29° 41' 31.612900000", W082° 16' 22.700800000"	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		
8	TAY FAA 720642-32 TAY	N30° 30' 16.696000000", W082° 33' 10.452000000"	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		
9	AYS FAA 698108-6 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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	AYS FAA 698108-8 AYS	N31° 16' 09.931000000", W082° 33' 23.204000000"	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		
11	OTK FAA 872007-16 OTK	N30° 46' 49.599000000", W083° 16' 47.024000000"	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		
12	CTY FAA 704013-24 CTY	N29° 35' 56.402500000", W083° 02' 55.651200000"	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		

**DME DME Assessment Results for CSHEL8 path PULEC\_LENDS**

<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	OMN FAA 694106-23 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
14	ORL FAA 694096-49 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
15	ORL FAA 694096-72 ORL	N28° 32' 33.801600000", W081° 20' 06.053200000"	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		
16	OMN FAA 694106-18 OMN	N29° 18' 11.702000000", W081° 06' 45.713700000"	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		
17	LAL FAA 704224-61 LAL	N27° 59' 10.309800000", W082° 00' 50.055700000"	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		
18	PHK FAA 900991-30 PHK	N26° 46' 57.872600000", W080° 41' 29.156600000"	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 CSHEL8 path PULEC\_LENDS

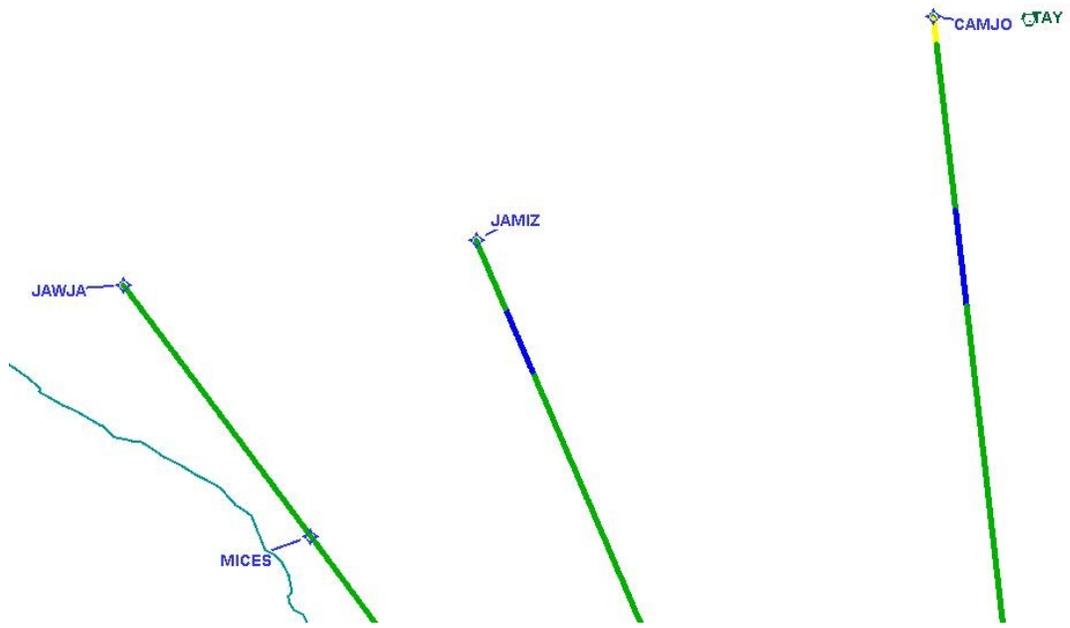
## DME Error





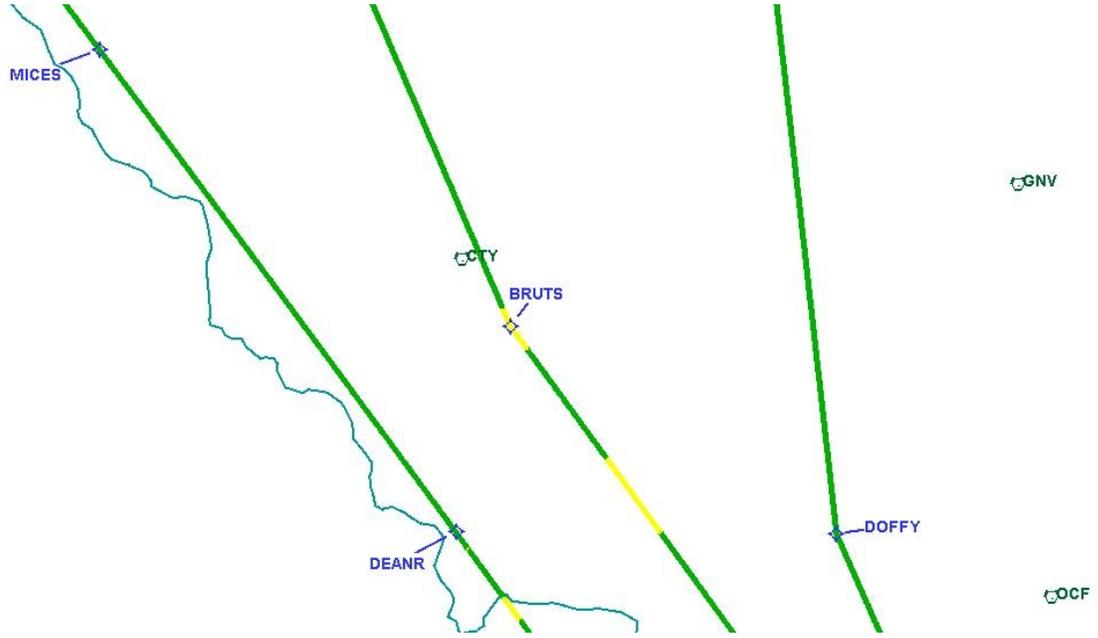
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 2



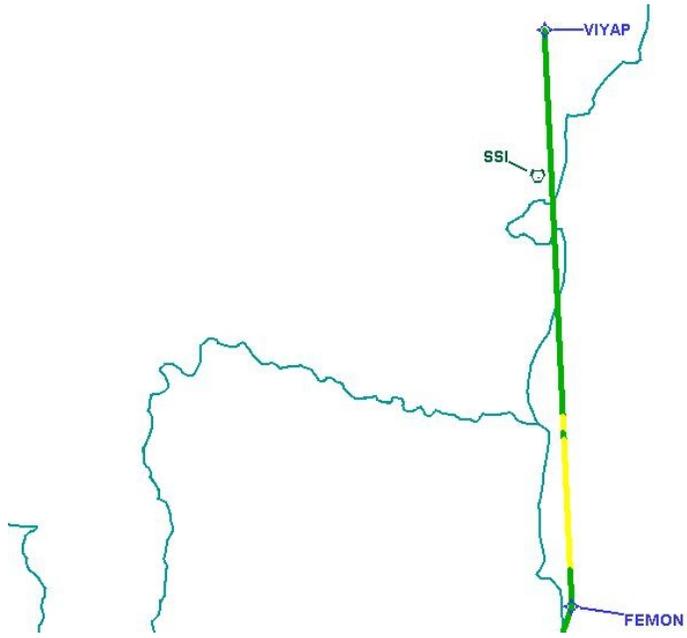
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 3



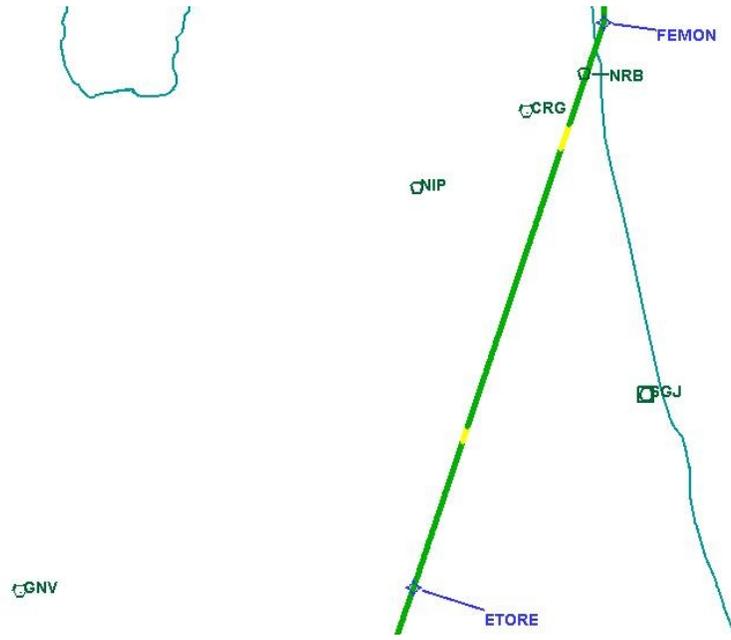
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 4



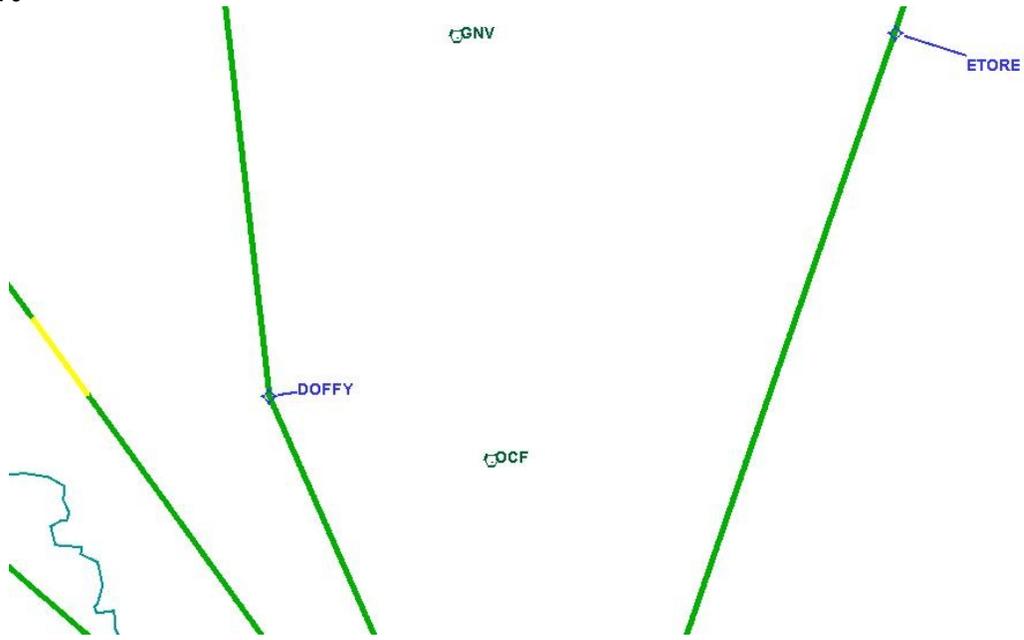
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 5



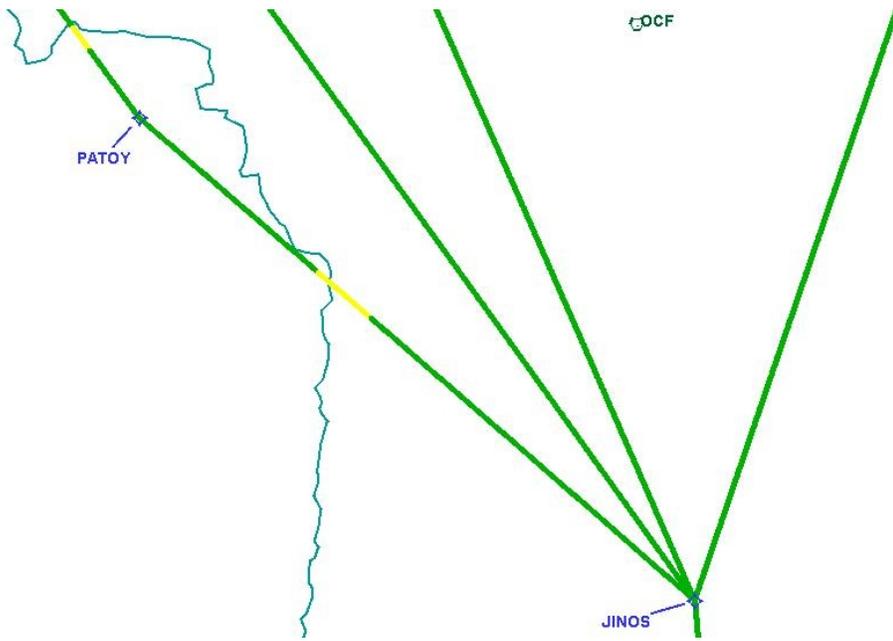
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 6



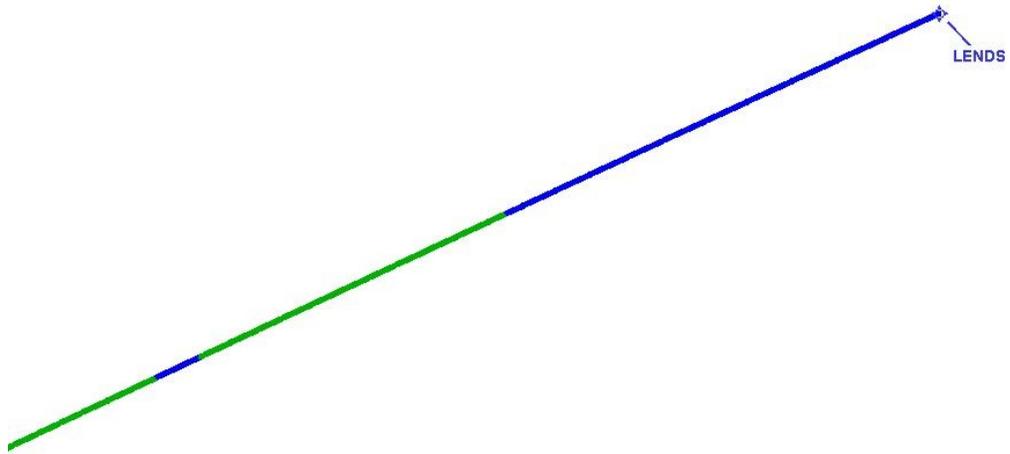
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 7



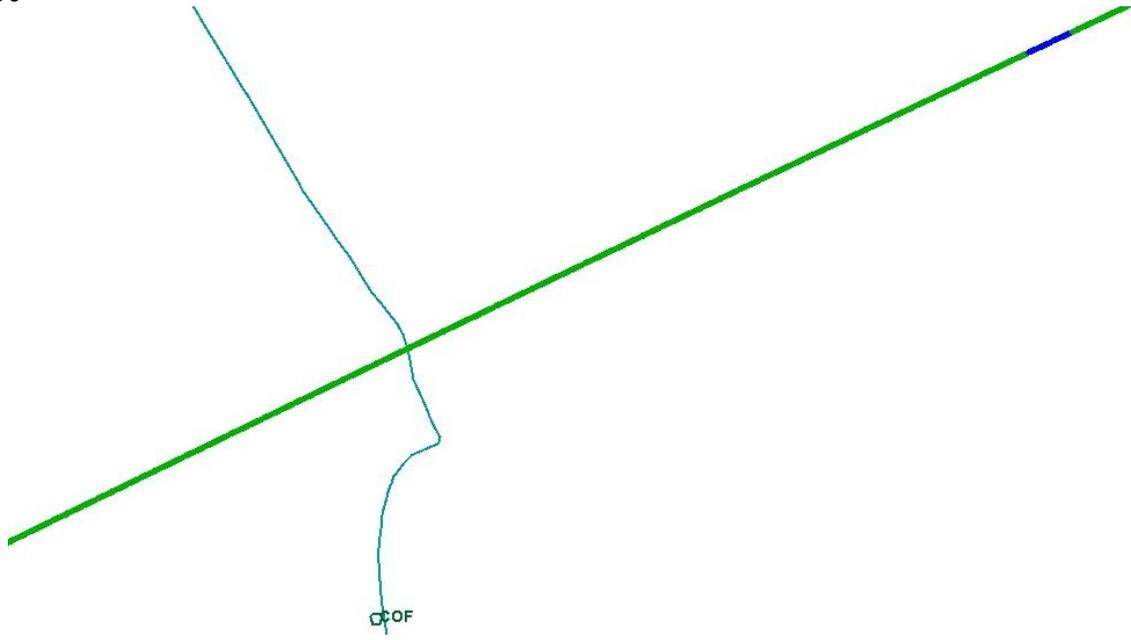
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 8



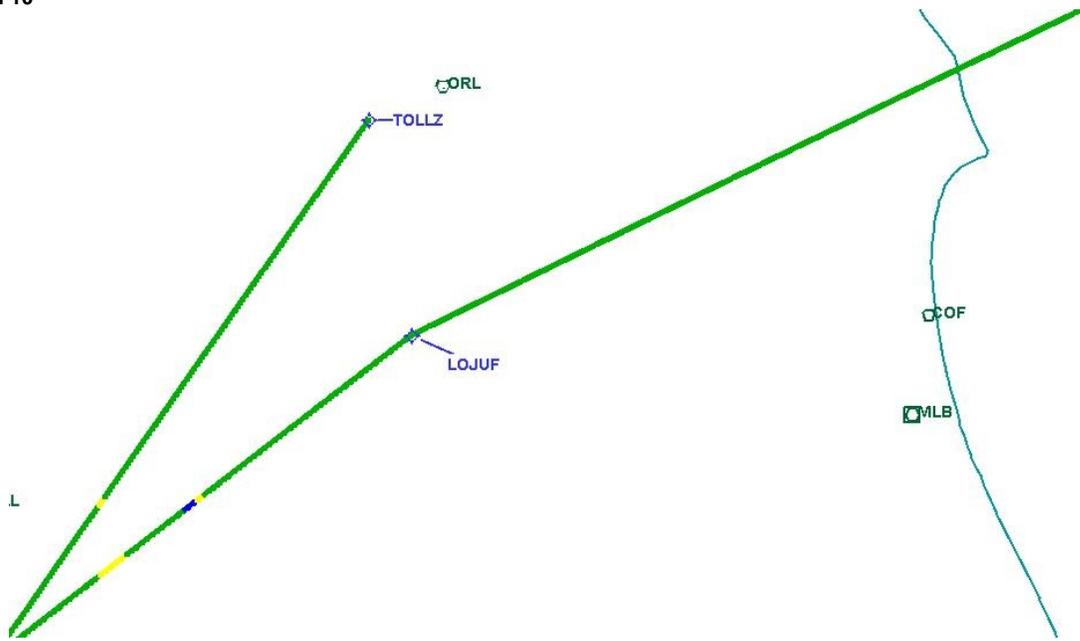
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 9



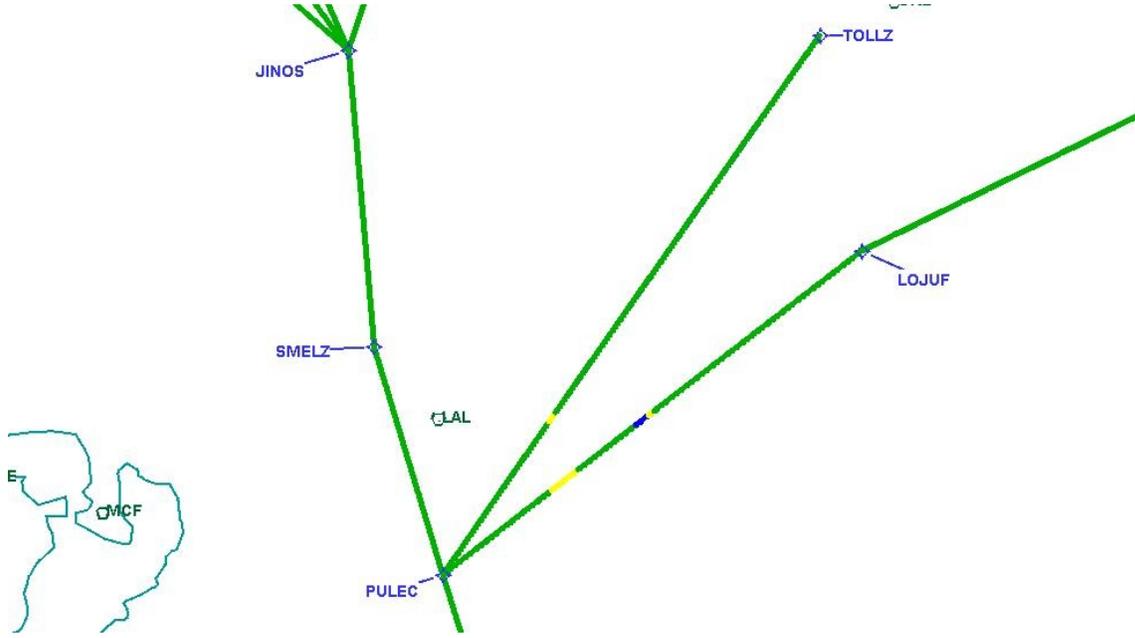
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 10



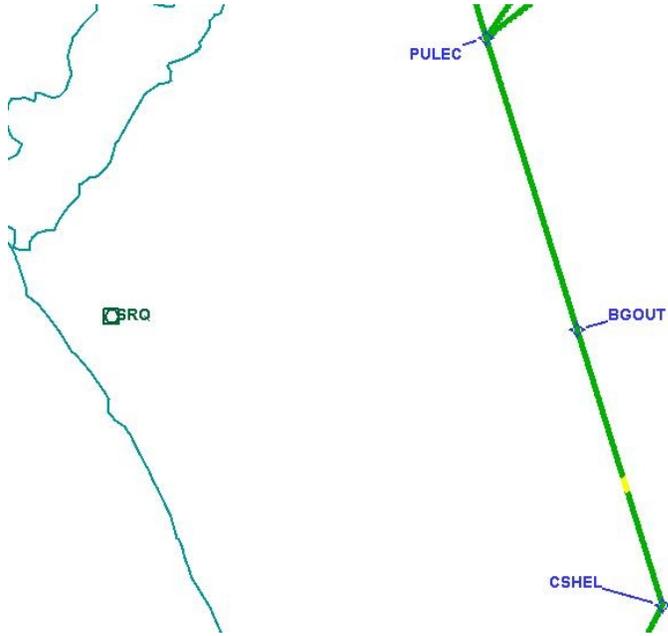
# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 11



# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 12



# DME DME Assessment Results for CSHEL8 path PULEC\_LENDS

Graphic Depiction 13

