

DME DME Assessment Results for RASLN1 path FLO_CHYPS

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\KCLT\New Procedures for Bre\KCLT RASLN1 (RNAV) STAR 29 OCT 2025 (email).tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT_FILES\KCLT\New Procedures for Bre\RASLN1 STAR\KCLT [IFPA] RASLN1 20251029_1611 EDT\FLO_CHYPS\KCLT RASLN1 RNAV STAR FLO CHYPS 20251029_1611 EDT.pdf
Procedure Name:	RASLN1
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/29/2025 16:11 EDT
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
FLO	WP	N34° 13' 58.69", W079° 39' 25.78"	6000	VNAV	200	FLY_BY	TF
DSTEE	WP	N34° 30' 55.22", W079° 57' 57.35"	6000	VNAV	200	FLY_BY	TF
RODEZ	WP	N34° 38' 38.23", W080° 06' 27.19"	6000	VNAV	200	FLY_BY	TF
RASLN	WP	N34° 48' 23.27", W080° 17' 14.60"	6000	VNAV	200	FLY_BY	TF
CHYPS	WP	N34° 53' 17.92", W080° 25' 57.04"	3000	VNAV	200	FLY_OVER	TF

Flyability

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

DME DME Assessment Results for RASLN1 path FLO_CHYPS

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

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CTF	N34° 39' 01.79", W080° 16' 29.70"	3.0 W	130	DH		NO	Enabled	87.1 %	87.2 %
2	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H		NO	Enabled	41.5 %	41.5 %
3	SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	L		NO	Enabled	91.5 %	91.5 %
4	FLO	N34° 13' 58.69", W079° 39' 25.78"	3.0 W	130	H		NO	Enabled	66.6 %	66.7 %
5	CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	L		NO	Enabled	79.2 %	79.2 %
6	FAY	N34° 59' 07.98", W078° 52' 30.23"	4.0 W	40	L		NO	Enabled	27.3 %	27.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	CTF	SDZ			
3.1	FAY	FLO	CTF	SDZ		
6.5	FAY	FLO	CTF	CLT	SDZ	
15.1	SDZ	CTF	CLT	FLO		
21.8	SDZ	CTF	CAE	FLO	CLT	
36.5	SDZ	CLT	FLO	CTF		
36.8	SDZ	CLT	CAE	FLO	CTF	
39.8	SDZ	CLT				
41.5	CLT	CTF	SDZ			
43.3	SDZ	CLT				
43.9	CAE	CLT	SDZ	CTF		
46.5	SDZ	CTF				
46.7	CAE	CLT	SDZ	CTF		
49.5	SDZ	CTF	CLT			
50.5						

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Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N34° 50' 40.35", W080° 21' 17.39"	N34° 53' 17.92", W080° 25' 57.04"	4.6458

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
FLO	DSTEE	CTF, CAE, SDZ, FLO, CLT, FAY	
DSTEE	RODEZ	CTF, CAE, SDZ, FLO, CLT	
RODEZ	RASLN	CTF, CAE, FLO, SDZ, CLT	
RASLN	CHYPS	CTF, CAE, SDZ, CLT	

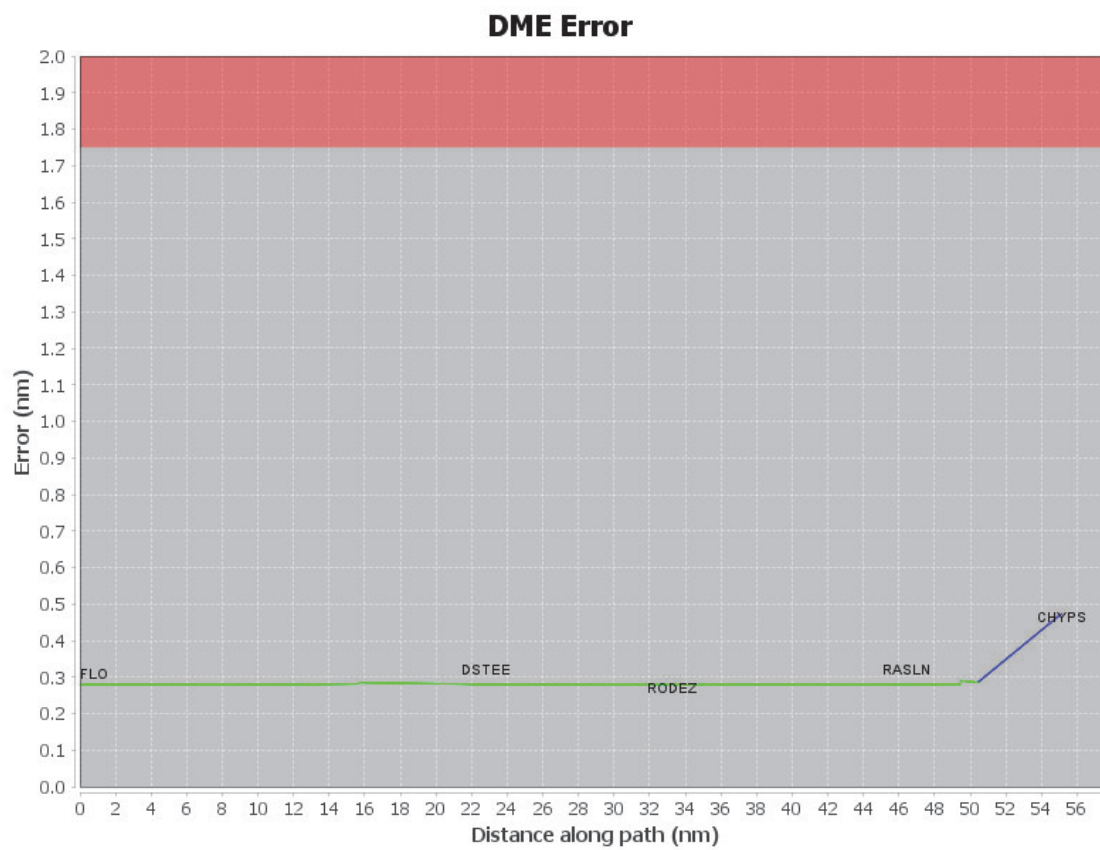
User Data Files

#	File Name
	None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	SDZ FAA 704009-14 SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	588	111.8	SDZ FAA 704009-14	
	ESV:	Bearing [True]: 177.0° to 289.0° Bearing [Mag]: 180.0° to 292.0°				Arc Distance: Out to 66.0 NM Altitude: 4000.0 to 12000.0 ft		
2	ESV FAY [IFPA] FAY	N34° 59' 07.98", W078° 52' 30.23"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
	ESV:	Bearing [True]: 206.0° to 236.0° Bearing [Mag]: 210.0° to 240.0°				Arc Distance: Out to 68.0 NM Altitude: 5000.0 to 18200.0 ft		
3	CAE FAA 704182-33 CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	404.1	114.7	CAE FAA 704182-33	
	ESV:	Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 4500.0 to 15000.0 ft		
4	CLT FAA 861274-29 CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	758.7	115.0	CLT FAA 861274-29	
	ESV:	Bearing [True]: 95.0° to 165.0° Bearing [Mag]: 100.0° to 170.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 33000.0 ft		

DME DME Assessment Results for RASLN1 path FLO_CHYPS

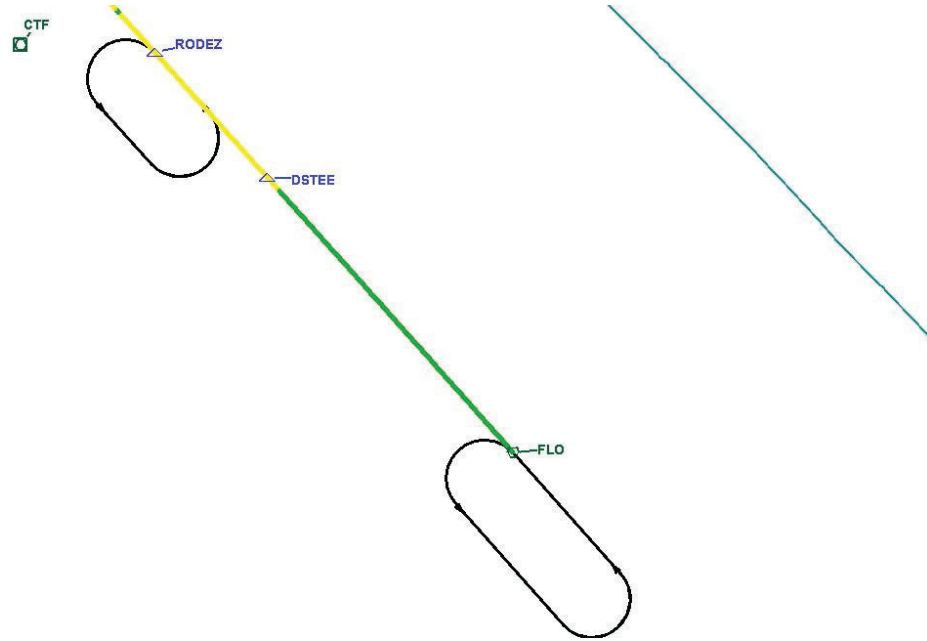


Graphic Depiction 1



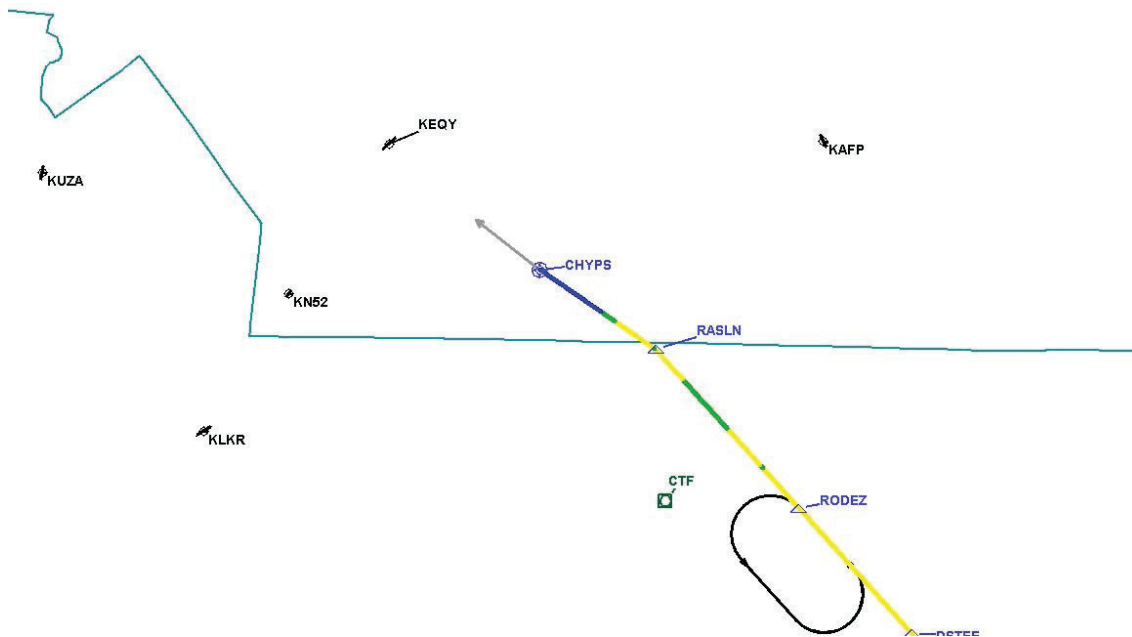
Graphic Depiction 2

DME DME Assessment Results for RASLN1 path FLO_CHYPS



DME DME Assessment Results for RASLN1 path FLO_CHYPS

Graphic Depiction 3



DME DME Assessment Results for RASLN1 path RASLN_FLO

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Warnings

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Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
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RODEZ	WP	N34° 38' 38.23", W080° 06' 27.19"	6000	VNAV	200	FLY_BY	TF
DSTEE	WP	N34° 30' 55.22", W079° 57' 57.35"	6000	VNAV	200	FLY_BY	TF
FLO	WP	N34° 13' 58.69", W079° 39' 25.78"	6000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCLT [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
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Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for RASLN1 path RASLN_FLO

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Flight Mode:	Manual
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Inertial Drift:	Enabled
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INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
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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										
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2	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H		NO	Enabled	43.4 %	43.4 %
3	SDZ	N35° 12' 55.73", W079° 35' 16.57"	3.0 W	40	L		NO	Enabled	100 %	100 %
4	FLO	N34° 13' 58.69", W079° 39' 25.78"	3.0 W	130	H		NO	Enabled	79.1 %	79.1 %
5	CLT	N35° 11' 25.70", W080° 57' 07.18"	5.0 W	40	L		NO	Enabled	86 %	86 %
6	FAY	N34° 59' 07.98", W078° 52' 30.23"	4.0 W	40	L		NO	Enabled	32.4 %	32.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CAE	CLT	SDZ	CTF		
2.5	SDZ	CLT				
3.2	SDZ	CLT	CTF			
5.0	SDZ	CLT				
6.6	CAE	CLT	SDZ	FLO	CTF	
9.7	SDZ	CLT	FLO	CTF		
10.0	SDZ	CLT	CAE	FLO	CTF	
24.7	SDZ	CTF	CLT	FLO		
31.4	FAY	FLO	CLT	SDZ	CTF	
40.0	FAY	FLO	CTF	SDZ		
43.4	FAY	CTF	SDZ			

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

DME DME Assessment Results for RASLN1 path RASLN_FLO

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Waypoint Before	Waypoint After	DME List	Suggested DMEs
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RODEZ	DSTEE	CTF, CAE, FLO, SDZ, CLT	
DSTEE	FLO	CTF, CAE, SDZ, FLO, CLT, FAY	

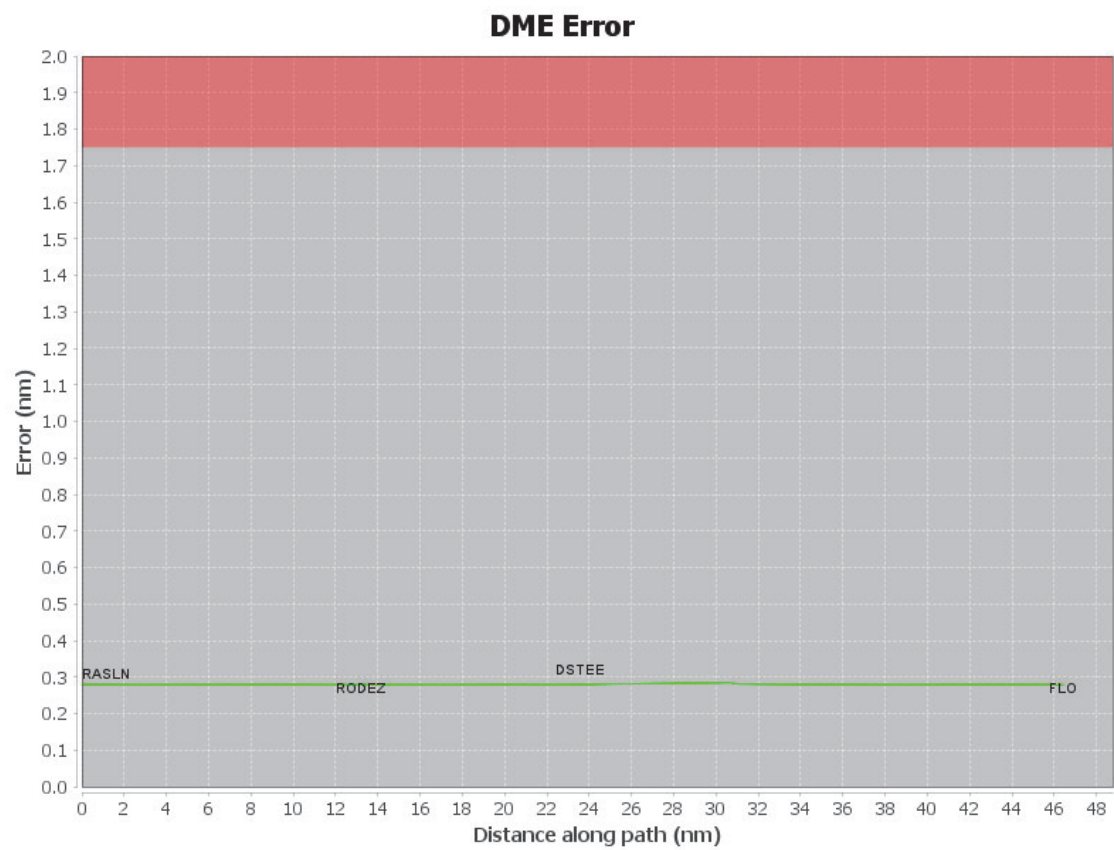
User Data Files

#	File Name
None	

User DMEs

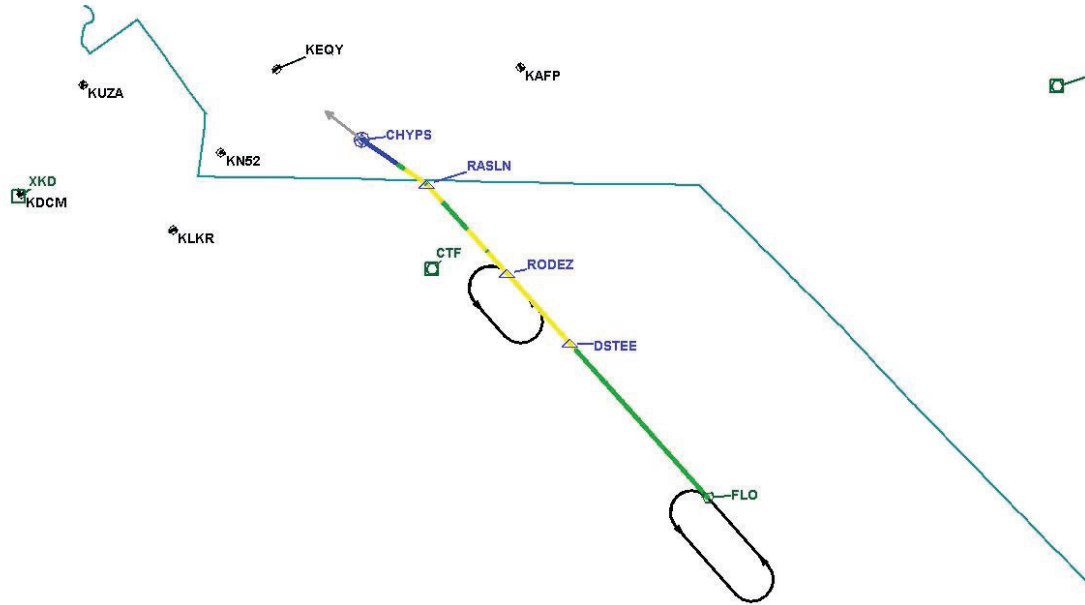
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ESV:		Bearing [True]: 15.0° to 62.0° Bearing [Mag]: 17.0° to 64.0°				Arc Distance: Out to 70.0 NM Altitude: 4500.0 to 15000.0 ft		
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ESV:		Bearing [True]: 95.0° to 165.0° Bearing [Mag]: 100.0° to 170.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 33000.0 ft		

DME DME Assessment Results for RASLN1 path RASLN_FLO



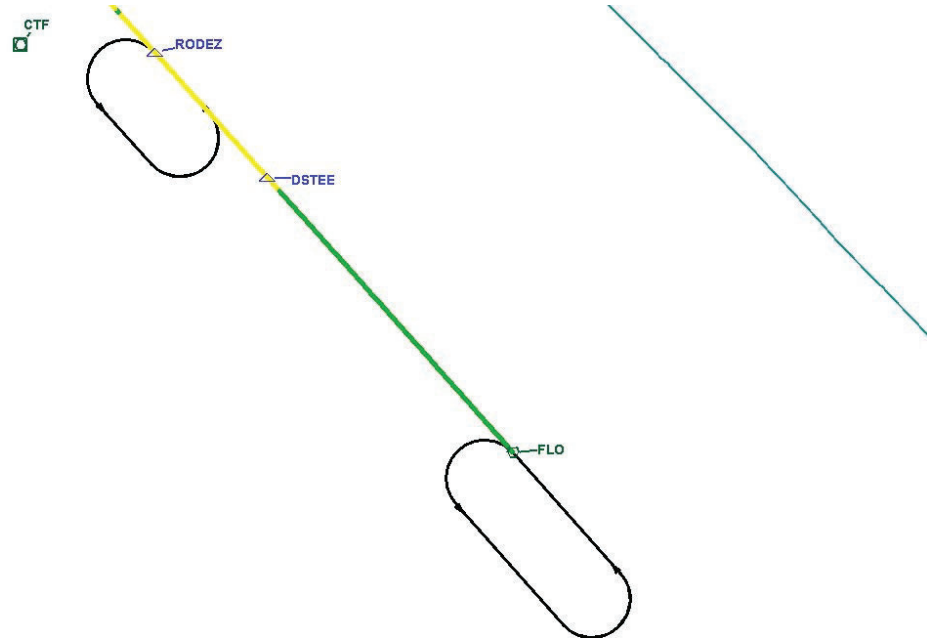
Graphic Depiction 1

DME DME Assessment Results for RASLN1 path RASLN_FLO



Graphic Depiction 2

DME DME Assessment Results for RASLN1 path RASLN_FLO



DME DME Assessment Results for RASLN1 path RASLN_FLO

Graphic Depiction 3

