

DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\ANNGY_CARNE\KSAT QERVO2 RNAV STAR ANNGY CARNE 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
ANNGY	WP	N31° 09' 44.3600", W094° 43' 01.0700"	13000	VNAV	280	FLY_BY	TF
WEEED	WP	N29° 46' 45.1400", W096° 10' 54.9400"	13000	VNAV	280	FLY_BY	TF
WAILN	WP	N29° 48' 29.6300", W096° 34' 17.1200"	13000	VNAV	280	FLY_BY	TF
HOSAY	WP	N29° 50' 44.0200", W097° 05' 20.0100"	13000	VNAV	280	FLY_BY	TF
RODIO	WP	N29° 52' 11.9000", W097° 26' 25.7500"	13000	VNAV	280	FLY_BY	TF
MARCS	WP	N29° 53' 52.0400", W097° 51' 40.7000"	9000	VNAV	280	FLY_BY	TF
PGOUT	WP	N29° 52' 07.9600", W097° 56' 58.7100"	9000	VNAV	280	FLY_BY	TF
QERVO	WP	N29° 50' 27.7500", W098° 01' 58.4600"	6000	VNAV	280	FLY_BY	TF
TAHKO	WP	N29° 48' 01.2000", W098° 09' 18.4000"	5000	VNAV	280	FLY_BY	TF
FJITA	WP	N29° 45' 31.1700", W098° 16' 49.0100"	5000	VNAV	280	FLY_BY	TF
TRTLA	WP	N29° 43' 54.2900", W098° 21' 38.6200"	5000	VNAV	280	FLY_BY	TF
SALZA	WP	N29° 42' 32.6000", W098° 25' 51.3400"	5000	VNAV	210	FLY_BY	TF
DOMNK	WP	N29° 42' 48.6300", W098° 34' 13.4500"	5000	VNAV	210	FLY_BY	TF
CARNE	WP	N29° 43' 41.8300", W098° 35' 22.2900"	5000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Flyability	
Flight Type:	RNAV STAR
Selected Airport:	KSAT [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	
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:	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 Assessment Results for QERVO2 path ANNGY_CARNE

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H		NO	Enabled	7.5 %	7.6 %
2	VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	L		NO	Enabled	30.8 %	31.1 %
3	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H		NO	Enabled	5.5 %	5.6 %
4	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH		NO	Enabled	69.1 %	69.9 %
5	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL		NO	Enabled	68.2 %	69.1 %
6	LFK	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	H		NO	Enabled	10.6 %	10.7 %
7	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H		NO	Enabled	22.5 %	22.8 %
8	PIK	N30° 20' 33.1500", W095° 24' 16.7800"	0.0 E	40	L		NO	Enabled	30.6 %	31.1 %
9	STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	H		NO	Enabled	16.1 %	16.2 %
10	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H		NO	Enabled	20.7 %	21 %
11	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H		NO	Enabled	7.7 %	7.8 %
12	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH		NO	Enabled	85.9 %	86.9 %
13	IDU	N29° 57' 21.8070", W096° 33' 43.8990"	8.0 E	40	L		NO	Enabled	34.4 %	34.8 %
14	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H		NO	Enabled	57 %	57.7 %
15	SWB	N31° 58' 23.5000", W092° 40' 37.5200"	2.0 E	130	DH		NO	Enabled	5.7 %	5.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MHF	SWB	VUH	ELA		
13.9	MHF	LFK	SWB	VUH	ELA	
14.0	MHF	LFK	ELA	VUH		
21.8	MHF	LFK	ELA	VUH	PIK	
39.8	MHF	ELA	VUH	PIK		
46.6	MHF	ELA	VUH			
47.8	MHF	ELA	VUH	IAH		
48.6	MHF	TNV	VUH	IAH	ELA	PIK
98.7	TNV	IAH	IDU	VUH	ELA	MHF
102.8	IDU	TNV	VUH	ELA	MHF	
128.0	VCT	ELA	VUH	MHF	IDU	
147.1	TNV	ELA	IDU	VUH	MHF	
166.3	VCT	IDU	TNV	CWK	ELA	STV
171.0	TNV	CWK	VCT	ELA	STV	
191.8	STV	CWK	ELA	AGJ	VCT	
202.4	STV	CWK	AGJ	CSI	SAT	ELA
202.8	AGJ	CSI	SAT	CWK	ELA	
209.3	AGJ	CSI	SAT	CWK		
210.1	CWK	CSI				
214.9						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N29° 48' 39.5422", W098° 07' 23.4501"	N29° 43' 41.8300", W098° 35' 22.2900"	25.7671

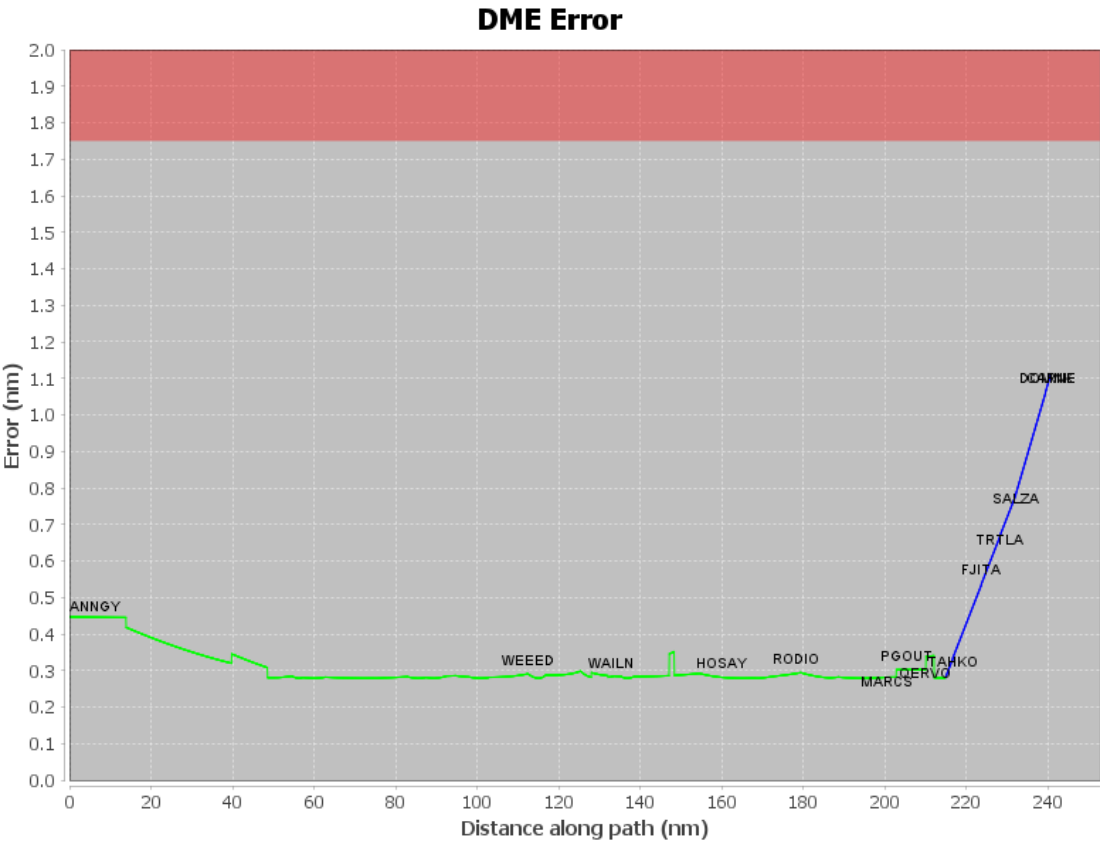
DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
ANNGY	WEEED	LFK, IAH, PIK, VUH, MHF, ELA, IDU, TNV, SWB	
WEEED	WAILN	VCT, VUH, MHF, ELA, IDU, TNV	
WAILN	HOSAY	VCT, VUH, MHF, IDU, ELA, TNV	
HOSAY	RODIO	STV, VCT, CWK, VUH, MHF, IDU, ELA, TNV	
RODIO	MARCS	STV, AGJ, CWK, VCT, SAT, CSI, ELA, TNV	
MARCS	PGOUT	STV, AGJ, CWK, VCT, SAT, CSI, ELA	
PGOUT	QERVO	AGJ, CWK, SAT, CSI, ELA	
QERVO	TAHKO	AGJ, CWK, SAT, CSI	
TAHKO	FJITA		
FJITA	TRTLA		
TRTLA	SALZA		
SALZA	DOMNK		
DOMNK	CARNE		

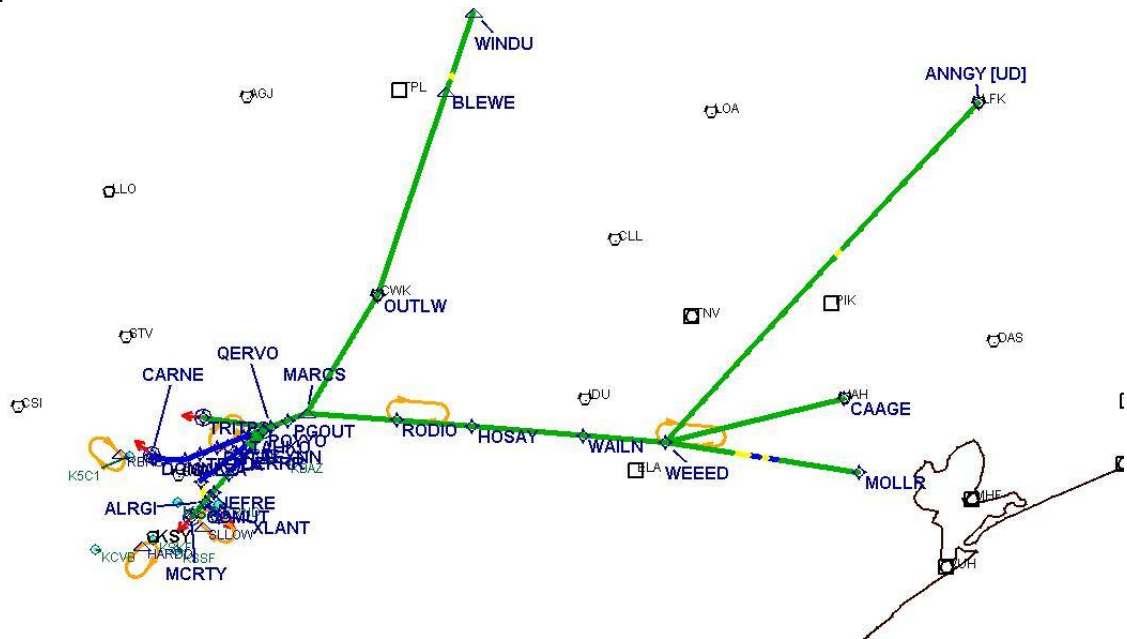
User Data Files

#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		



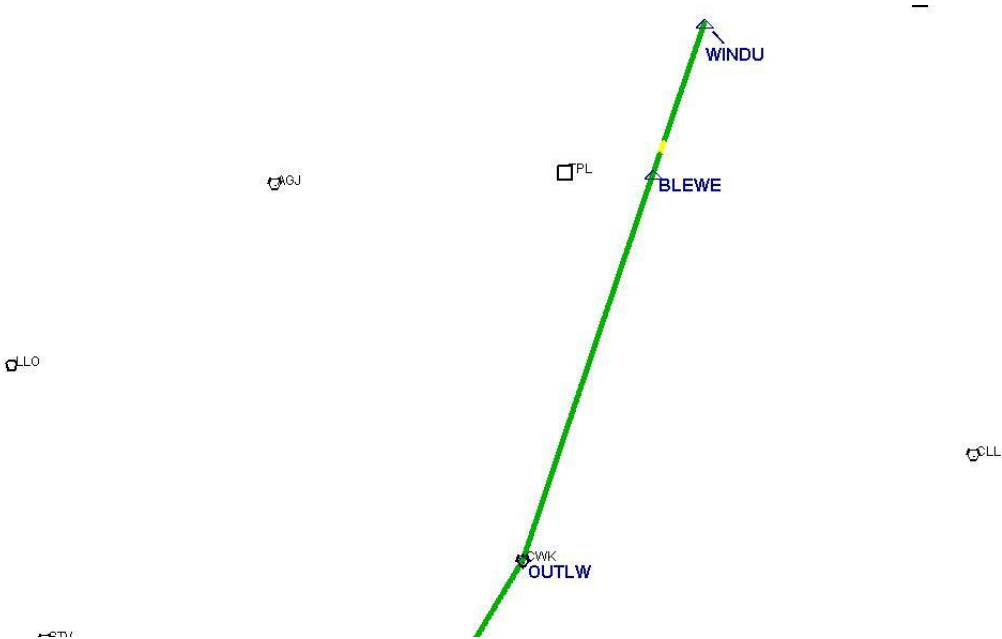
DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Graphic Depiction 1

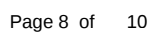


DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Graphic Depiction 2

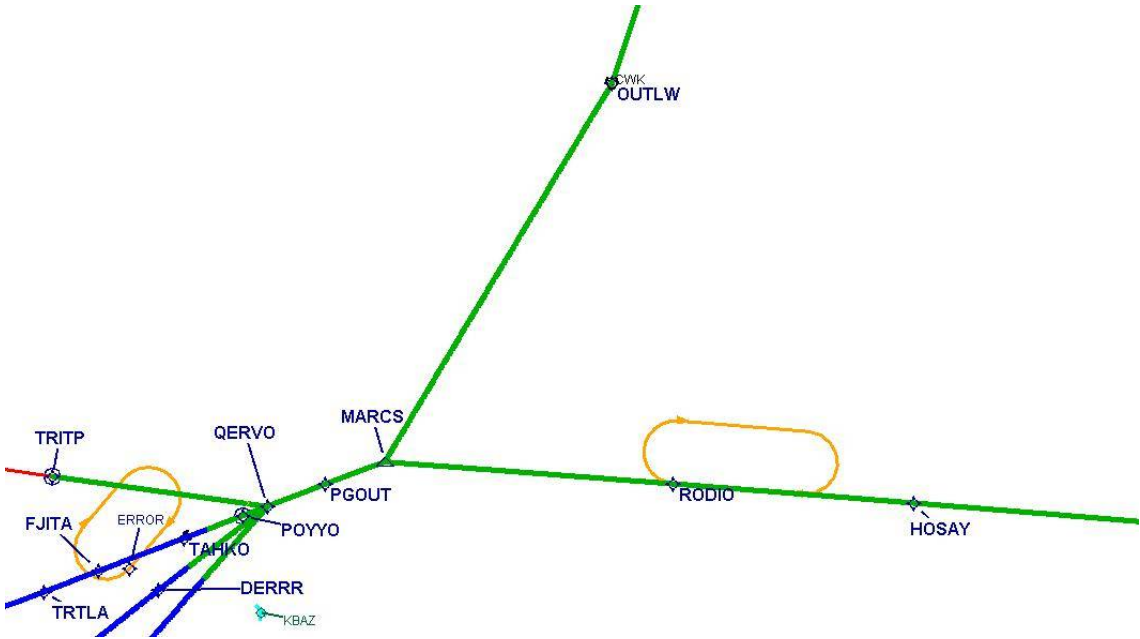


Graphic Depiction 3



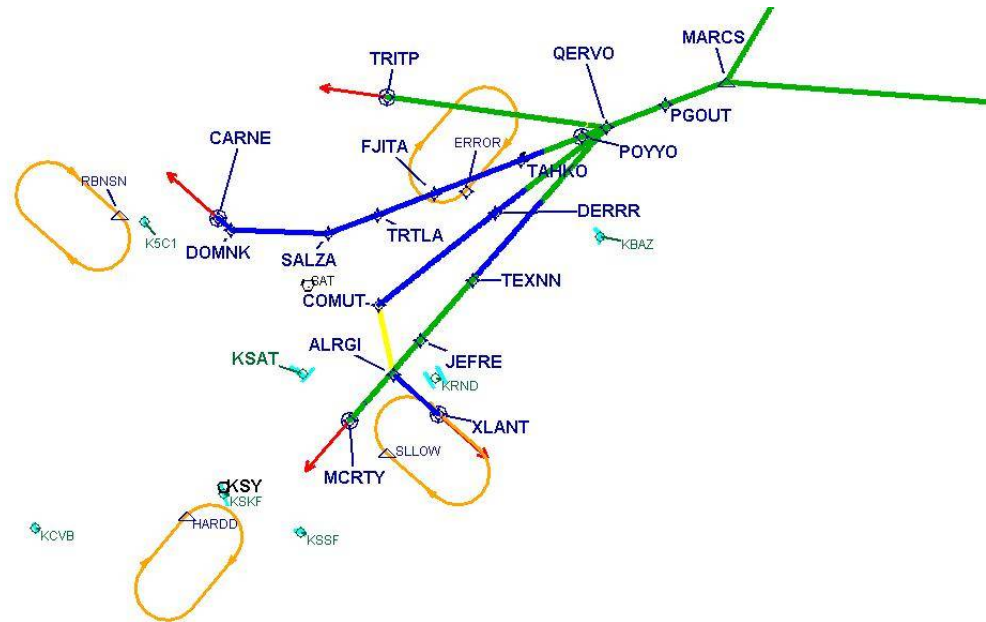
DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Graphic Depiction 4



DME DME Assessment Results for QERVO2 path ANNGY_CARNE

Graphic Depiction 5



DME DME Assessment Results for QERVO2 path CAAGE_WEEED

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\CAAGE_WEEED\KSAT QERVO2 RNAV STAR CAAGE WEEED 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
CAAGE	WP	N29° 57' 24.7600", W095° 20' 45.2500"	13000	VNAV	280	FLY_BY	TF
WEEED	WP	N29° 46' 45.1400", W096° 10' 54.9400"	13000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KSAT [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 QERVO2 path CAAGE_WEEED

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:	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	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H		NO	Enabled	14.4 %	14.4 %
2	PIK	N30° 20' 33.1500", W095° 24' 16.7800"	0.0 E	40	L		NO	Enabled	59.9 %	59.9 %
3	DAS	N30° 11' 22.9622", W094° 38' 41.9440"	5.0 E	130	H		NO	Enabled	0.5 %	0.5 %
4	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH		NO	Enabled	100 %	100 %
5	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL		NO	Enabled	100 %	100 %
6	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH		NO	Enabled	100 %	100 %
7	IDU	N29° 57' 21.8070", W096° 33' 43.8990"	8.0 E	40	L		NO	Enabled	41.3 %	41.3 %
8	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H		NO	Enabled	83.6 %	83.6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	VUH	DAS	PIK	ELA	MHF	
0.3	VUH	ELA	PIK	MHF		
3.7	IAH	PIK	VUH	ELA	MHF	
10.3	MHF	PIK	VUH	ELA	TNV	
27.0	TNV	ELA	VUH	IDU	MHF	

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

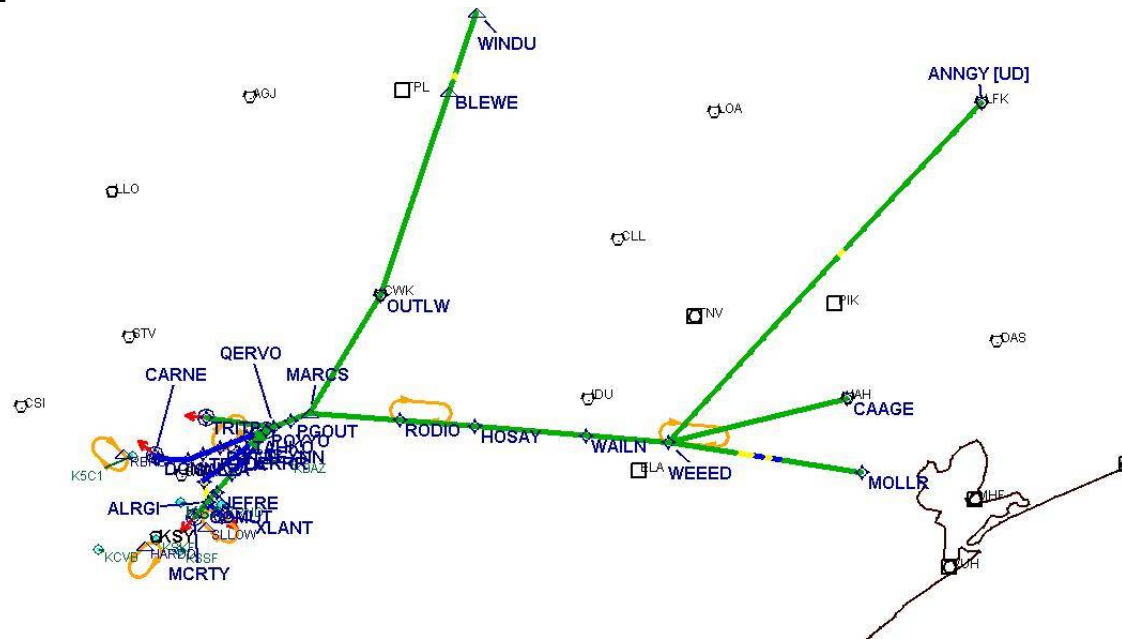
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CAAGE	WEEED	IAH, PIK, DAS, VUH, MHF, ELA, IDU, TNV	

DME DME Assessment Results for QERVO2 path CAAGE_WEEED

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		

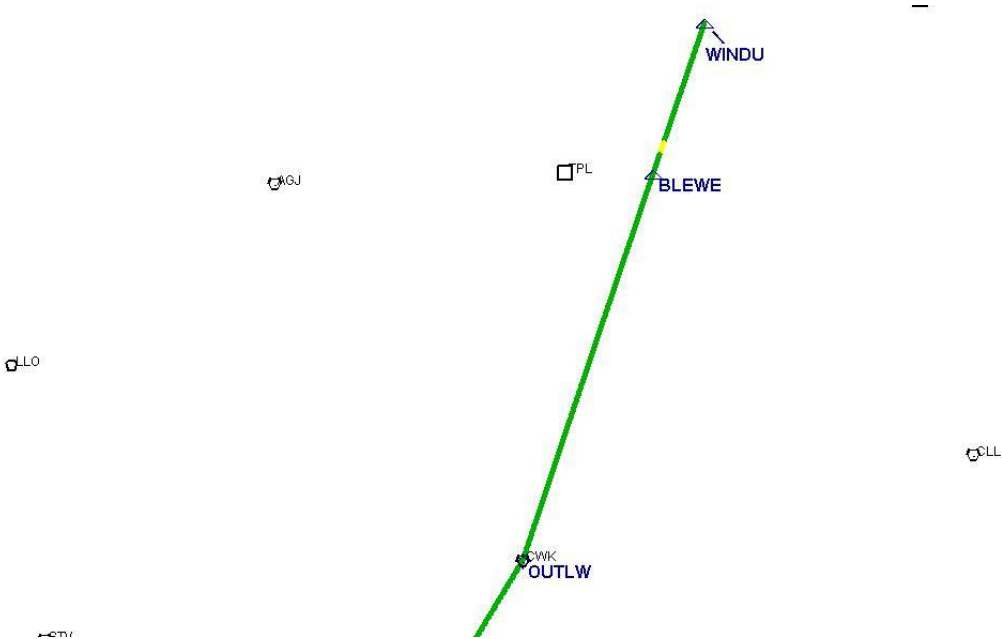


Graphic Depiction 1



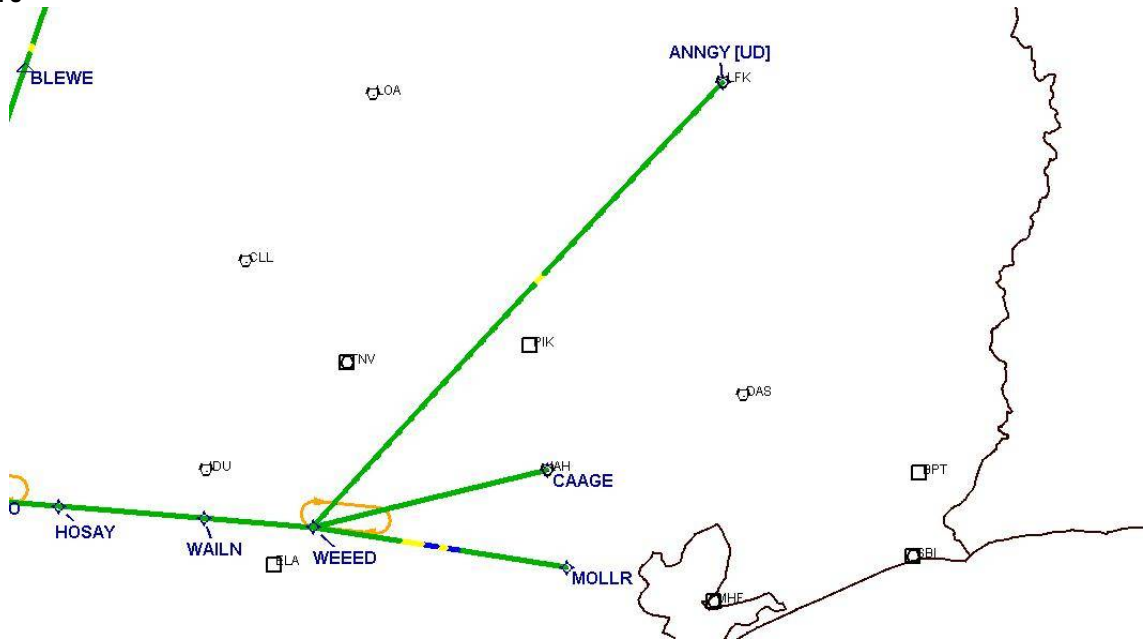
DME DME Assessment Results for QERVO2 path CAAGE_WEEED

Graphic Depiction 2



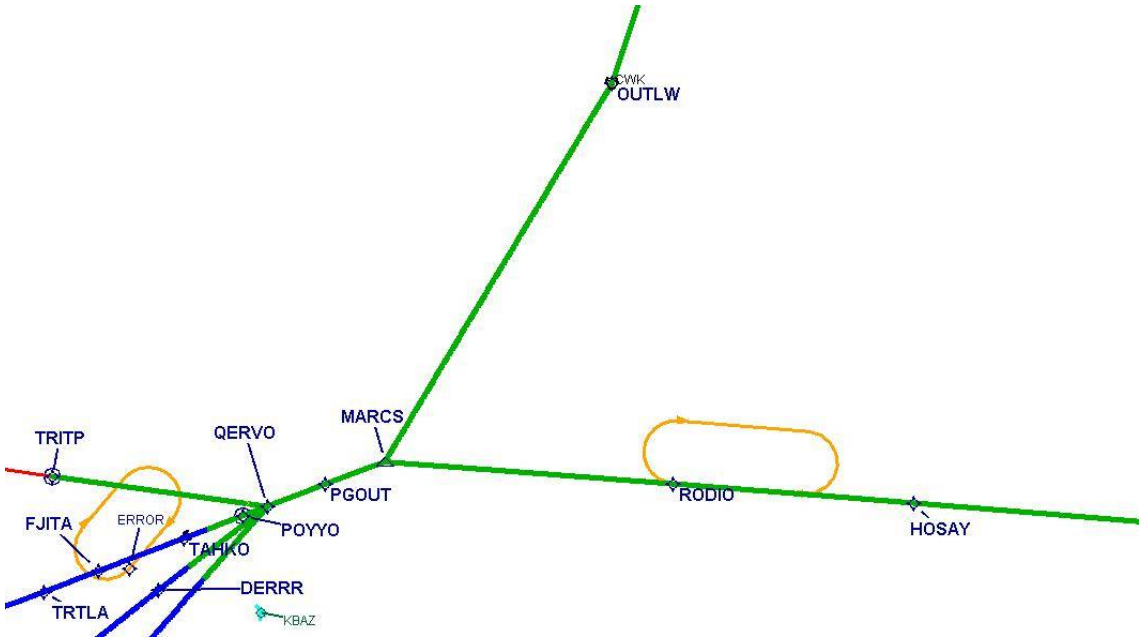
DME DME Assessment Results for QERVO2 path CAAGE_WEEED

Graphic Depiction 3



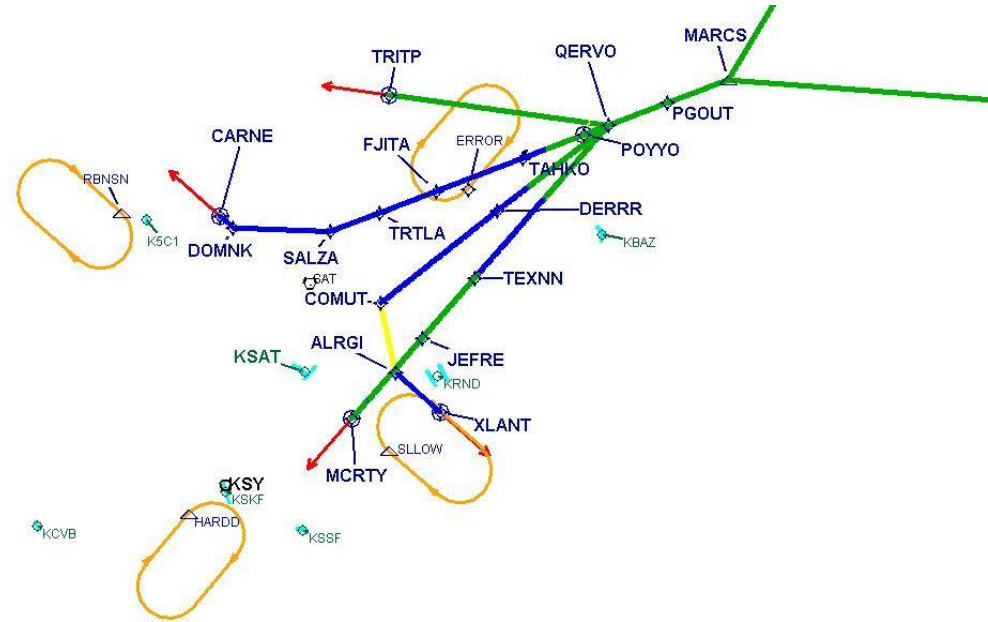
DME DME Assessment Results for QERVO2 path CAAGE_WEEED

Graphic Depiction 4



DME DME Assessment Results for QERVO2 path CAAGE_WEEED

Graphic Depiction 5



DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\MOLLR_WEEED\KSAT QERVO2 RNAV STAR MOLLR WEEED 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
MOLLR	WP	N29° 39' 20.2300", W095° 16' 35.8300"	13000	VNAV	280	FLY_BY	TF
WEEED	WP	N29° 46' 45.1400", W096° 10' 54.9400"	13000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KSAT [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 QERVO2 path MOLLR_WEEED

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:	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	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H		NO	Enabled	45.6 %	45.6 %
2	VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	L		NO	Enabled	6.7 %	6.7 %
3	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH		NO	Enabled	89 %	89 %
4	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL		NO	Enabled	89 %	89 %
5	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH		NO	Enabled	84.6 %	84.6 %
6	IDU	N29° 57' 21.8070", W096° 33' 43.8990"	8.0 E	40	L		NO	Enabled	37.8 %	37.8 %
7	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H		NO	Enabled	46.9 %	46.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IAH	ELA	MHF	VUH		
18.1	IAH	VUH	MHF			
20.2						
22.5	TNV	IAH	VUH	ELA	MHF	
24.3						
27.1	TNV	ELA	MHF	VUH		
29.8	TNV	ELA	MHF	IDU	VUH	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N29° 42' 30.7350", W095° 39' 30.4534"	N29° 42' 52.4611", W095° 42' 09.1562"	2.3315
2	N29° 43' 09.0821", W095° 44' 10.8411"	N29° 43' 35.0351", W095° 47' 21.3268"	2.7978

DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
MOLLR	WEEED	IAH, VCT, VUH, MHF, ELA, IDU, TNV	

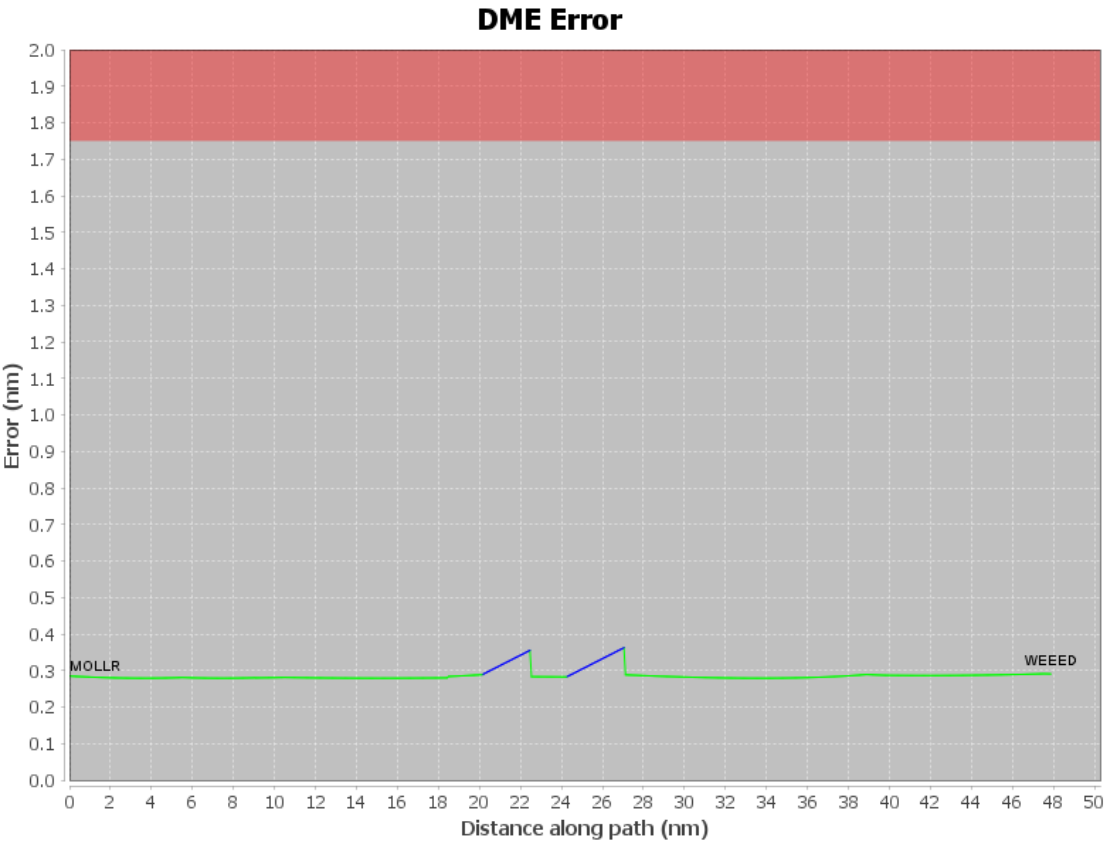
User Data Files

File Name

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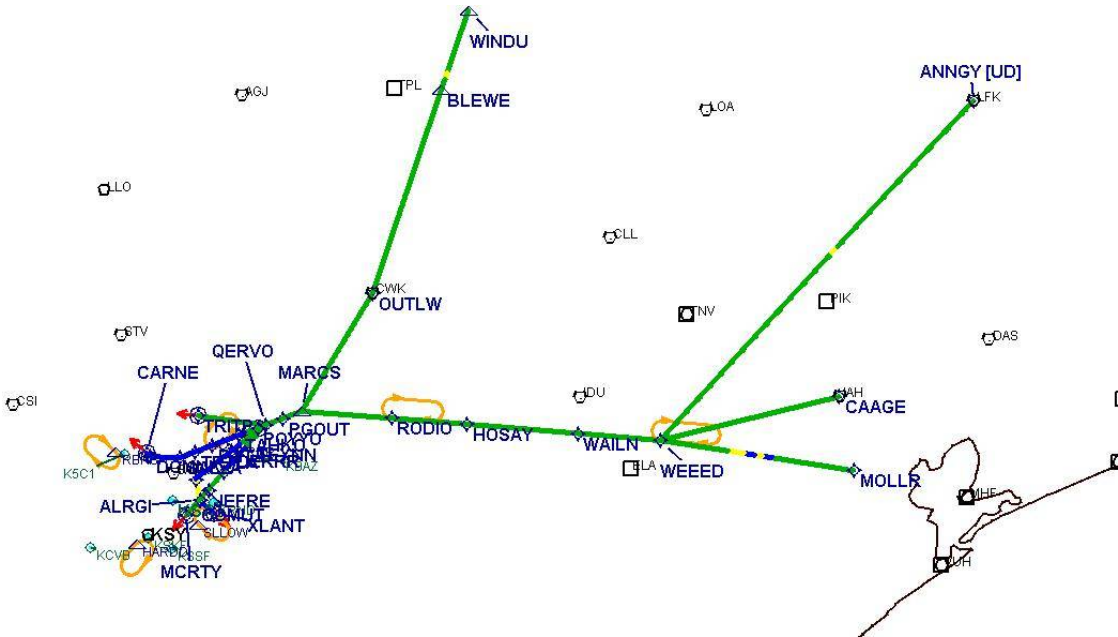
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		



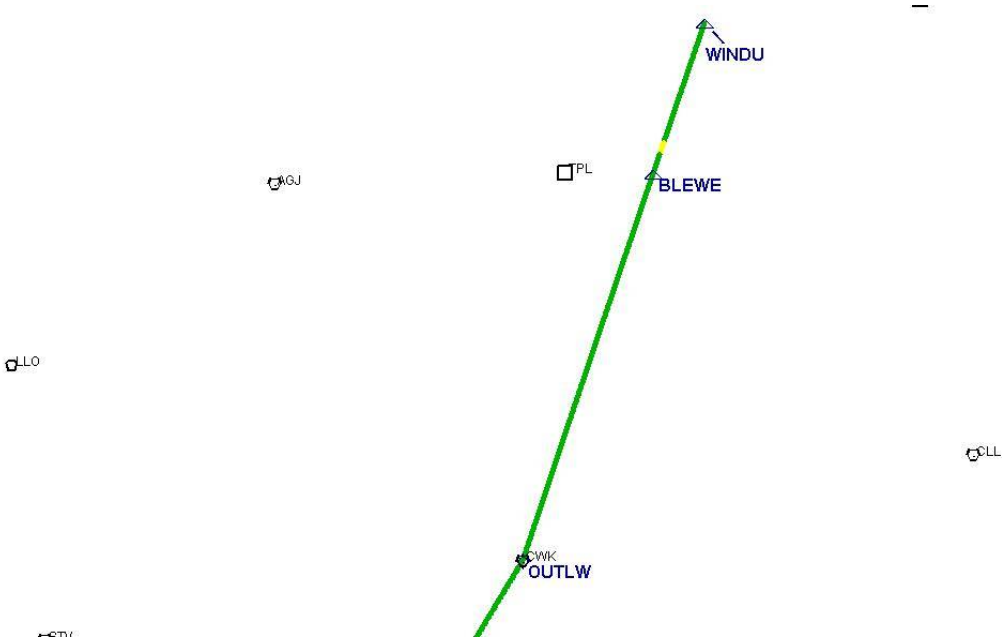
DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Graphic Depiction 1



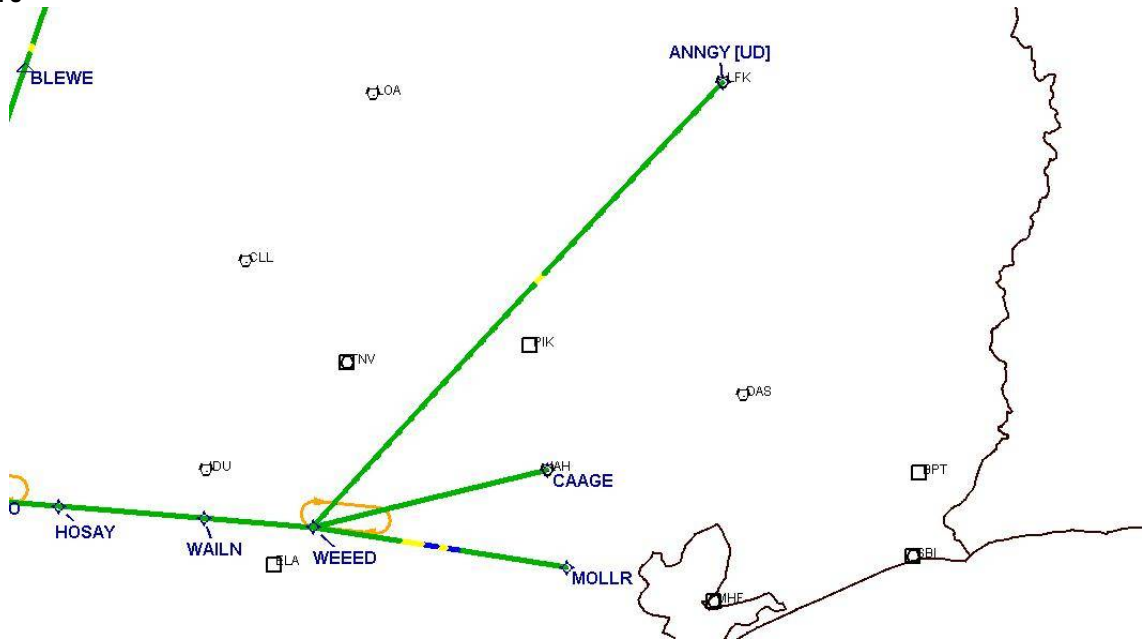
DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Graphic Depiction 2



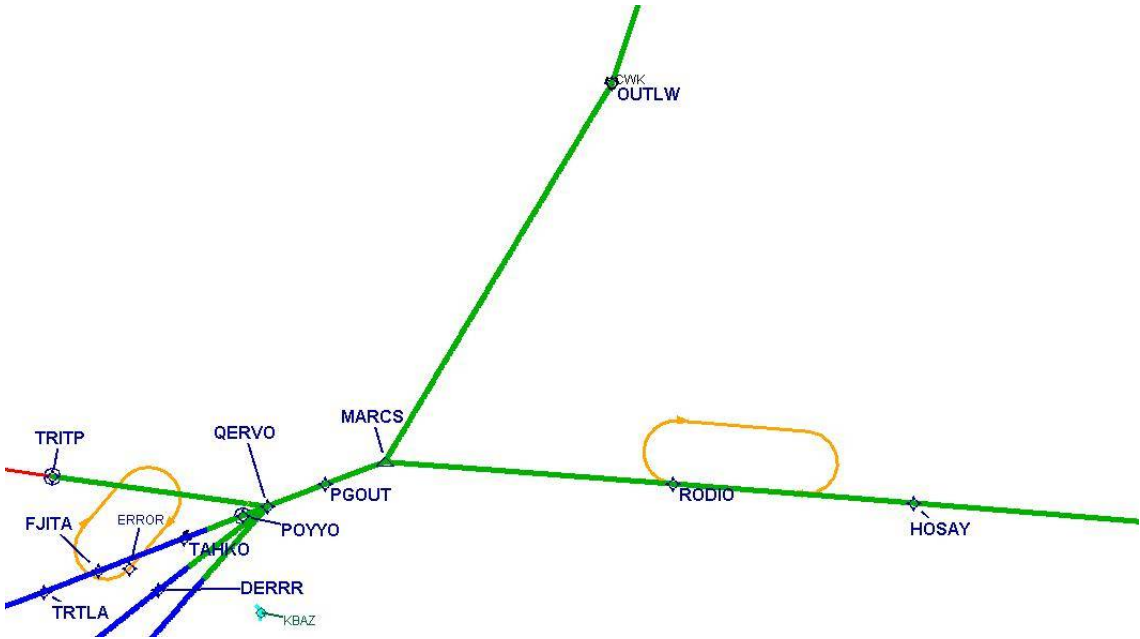
DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Graphic Depiction 3



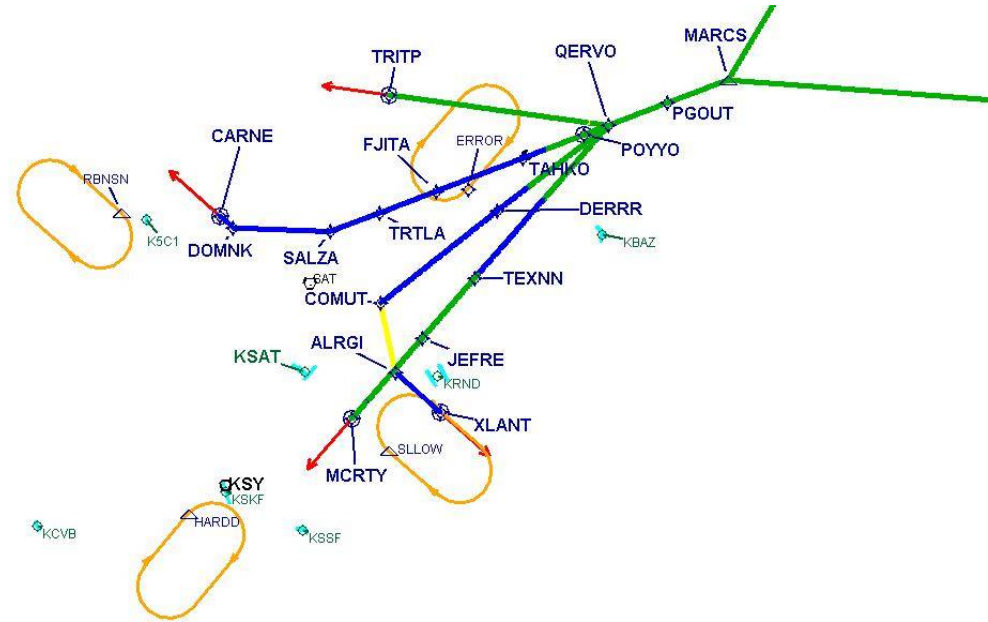
DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Graphic Depiction 4



DME DME Assessment Results for QERVO2 path MOLLR_WEEED

Graphic Depiction 5



DME DME Assessment Results for QERVO2 path WINDU_MARCS

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\WINDU_MARCS\KSAT QERVO2 RNAV STAR WINDU MARCS 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
WINDU	WP	N31° 31' 49.9300", W097° 04' 57.0600"	13000	VNAV	280	FLY_BY	TF
BLEWE	WP	N31° 12' 27.6500", W097° 12' 32.4700"	13000	VNAV	280	FLY_BY	TF
OUTLW	WP	N30° 22' 42.2200", W097° 31' 47.6700"	13000	VNAV	280	FLY_BY	TF
MARCS	WP	N29° 53' 52.0400", W097° 51' 40.7000"	9000	VNAV	280	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KSAT [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 QERVO2 path WINDU_MARCS

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:	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	TPL	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	L		NO	Enabled	52.6 %	52.6 %
2	ACT	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	H		NO	Enabled	30.4 %	30.4 %
3	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	43.1 %	43.1 %
4	GNL	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	L		NO	Enabled	16.6 %	16.6 %
5	STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	H		NO	Enabled	61.1 %	61 %
6	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H		NO	Enabled	33.1 %	33.1 %
7	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H		NO	Enabled	62.6 %	62.6 %
8	VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	L		NO	Enabled	1.8 %	1.8 %
9	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H		NO	Enabled	3.4 %	3.4 %
10	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H		NO	Enabled	2.1 %	2.1 %
11	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH		NO	Enabled	100 %	100 %
12	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H		NO	Enabled	45.1 %	45.1 %

DME DME Assessment Results for QERVO2 path WINDU_MARCS

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	TPL	ACT	CVE	GNL	ELA	
17.7	TPL	ACT	ELA	CVE		
31.1	TNV	ACT	CVE	TPL	ELA	
32.4	TNV	CVE	TPL	ELA		
32.6	TNV	CVE	ELA			
33.1	TNV	CWK	CVE	ELA		
37.5	TNV	CWK	ELA	CVE	TPL	
45.9	TNV	CWK	STV	TPL	ELA	
61.0	TNV	CWK	ELA	STV		
69.2	STV	ELA				
71.1	STV	AGJ	TNV	ELA		
75.8	CWK	ELA	STV	AGJ	TNV	
81.2	CWK	ELA	STV	AGJ		
102.7	STV	CWK	AGJ	SAT	ELA	

Inertial Drift Segments

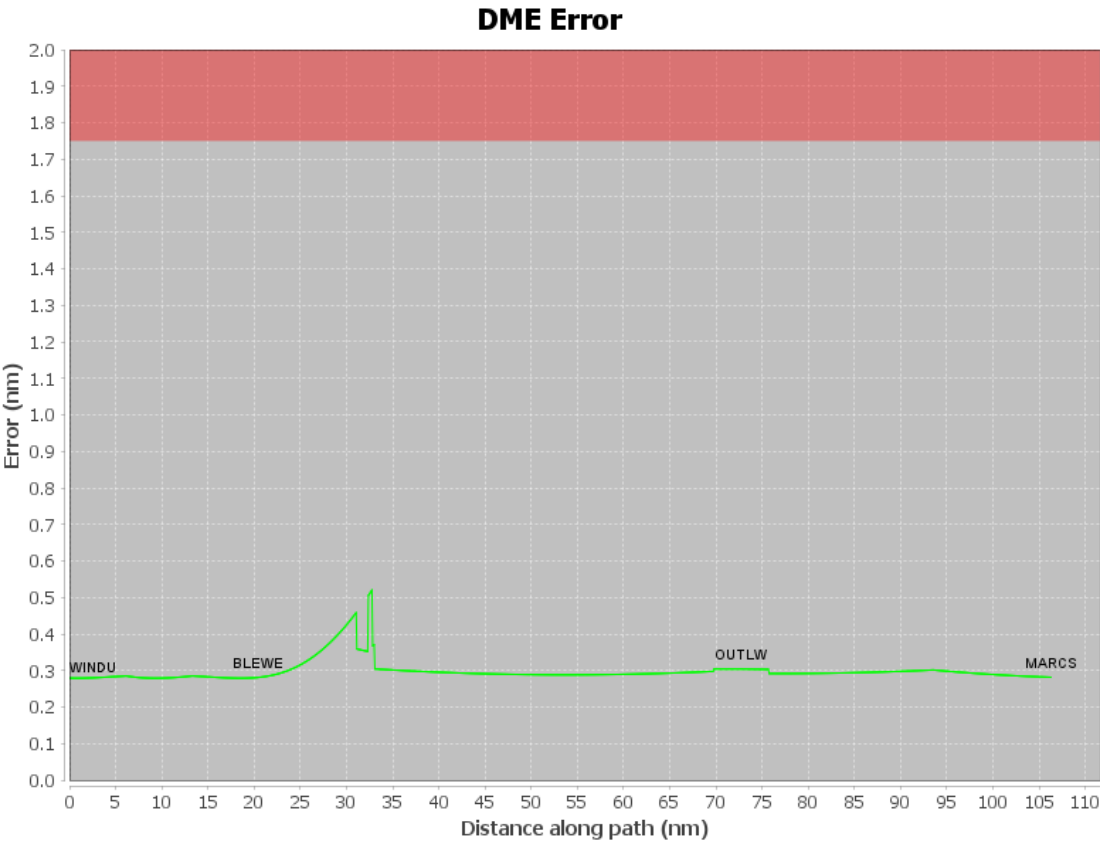
#	Start Location	End Location	Length [NM]
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Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
WINDU	BLEWE	TPL, ACT, CVE, GNL, ELA	
BLEWE	OUTLW	TPL, ACT, CVE, STV, AGJ, CWK, ELA, TNV	
OUTLW	MARCS	STV, AGJ, CWK, VCT, SAT, CSI, ELA, TNV	

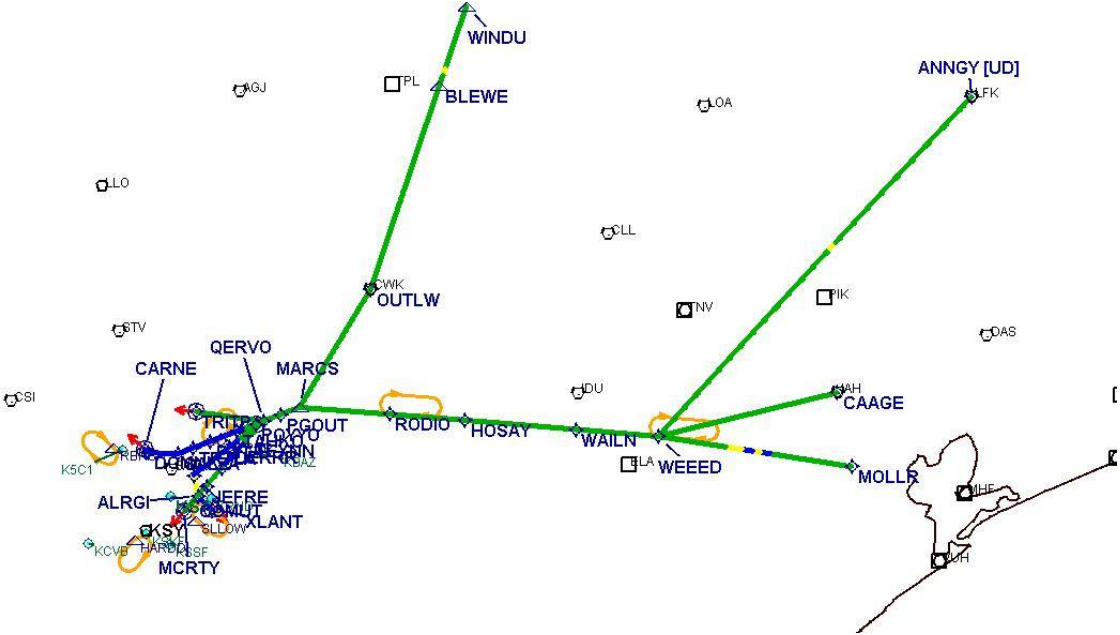
DME DME Assessment Results for QERVO2 path WINDU_MARCS

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		



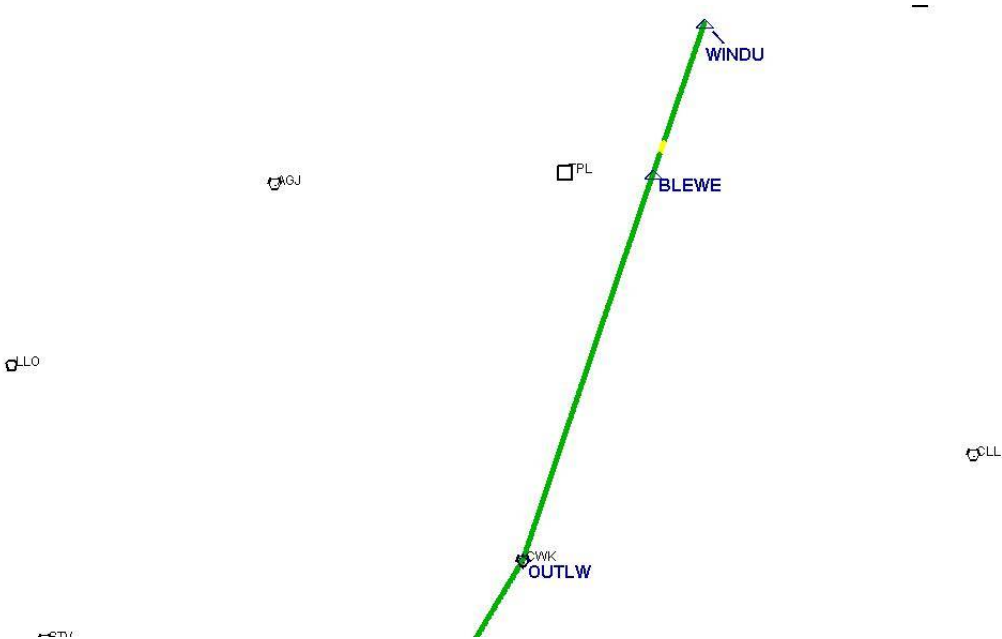
DME DME Assessment Results for QERVO2 path WINDU_MARCS

Graphic Depiction 1

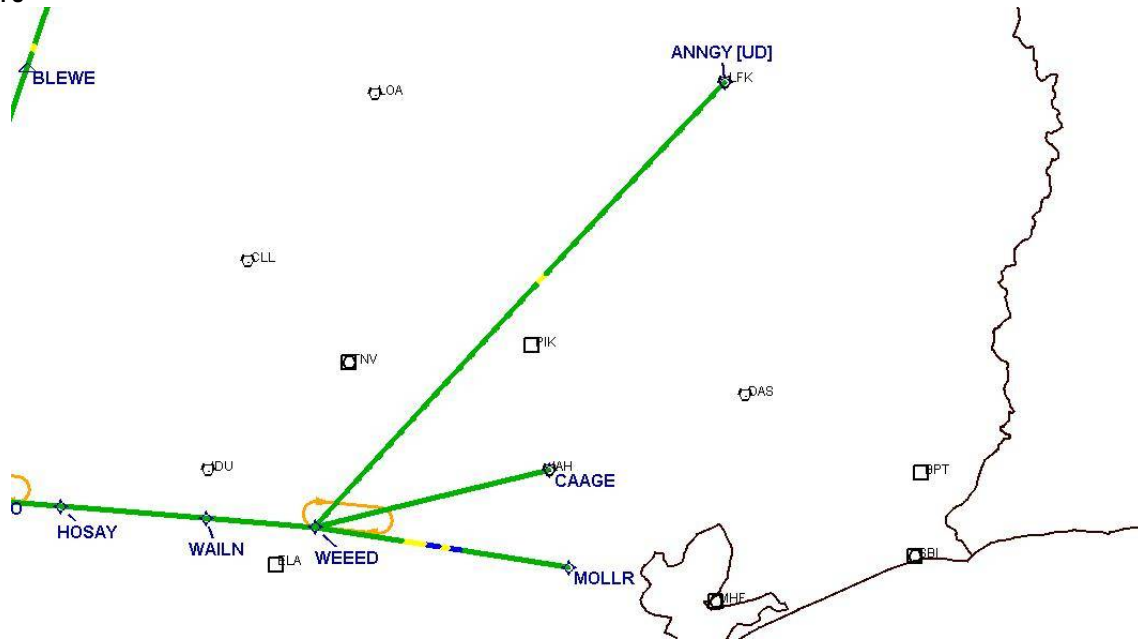


DME DME Assessment Results for QERVO2 path WINDU_MARCS

Graphic Depiction 2

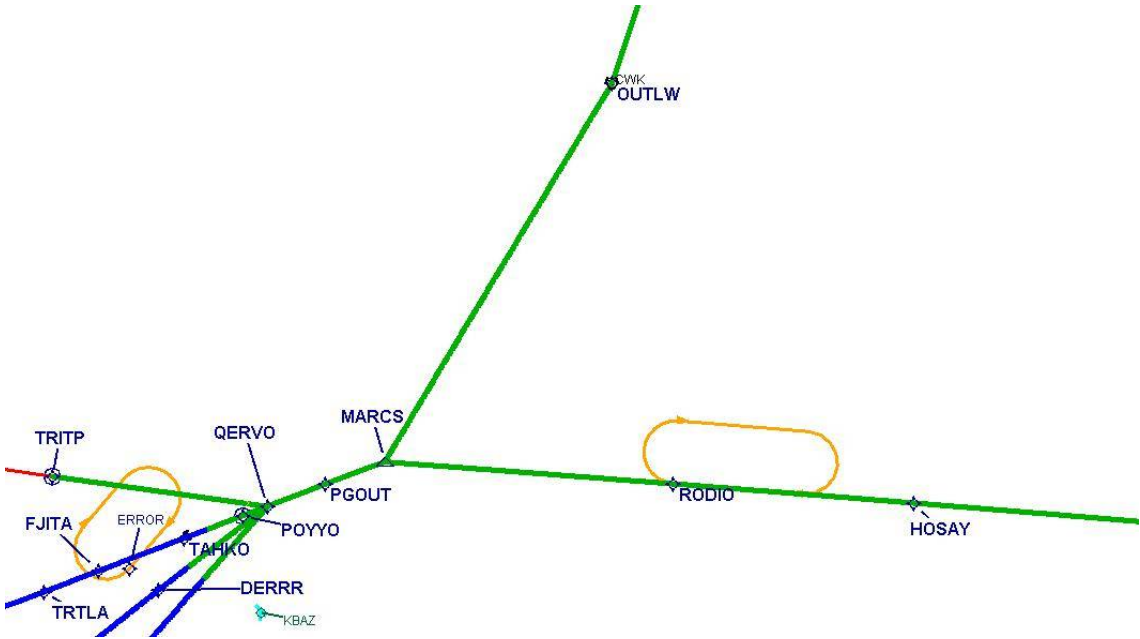


Graphic Depiction 3



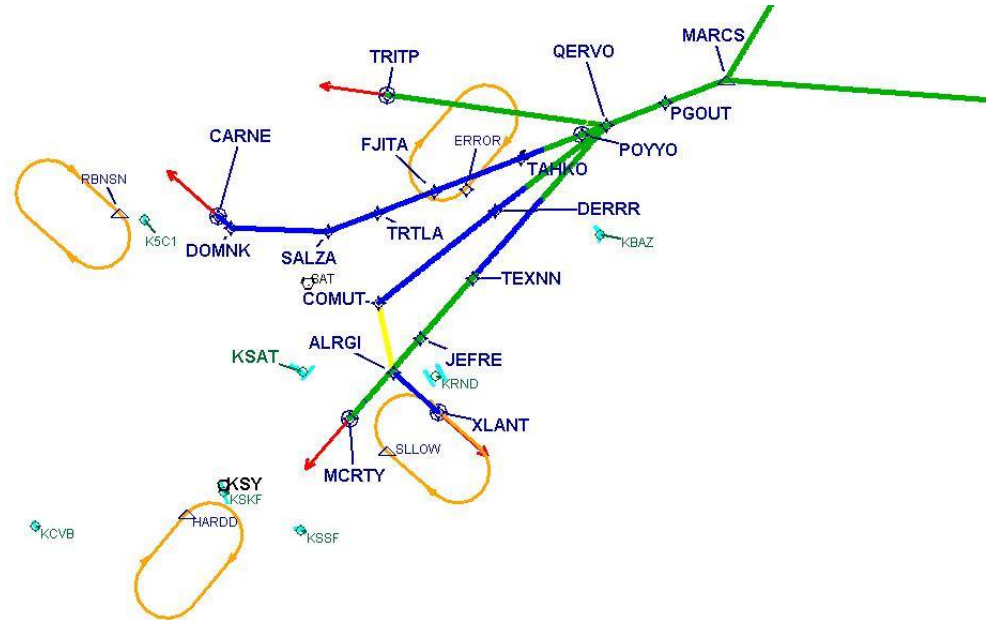
DME DME Assessment Results for QERVO2 path WINDU_MARCS

Graphic Depiction 4



DME DME Assessment Results for QERVO2 path WINDU_MARCS

Graphic Depiction 5



DME DME Assessment Results for QERVO2 path QERVO_TRITP

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\QERVO_TRITP\KSAT QERVO2 RNAV STAR QERVO TRITP 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
QERVO	WP	N29° 50' 27.7500", W098° 01' 58.4600"	6000	VNAV	280	FLY_BY	TF
TRITP	WP	N29° 52' 45.1100", W098° 20' 48.1400"	5000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KSAT [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 QERVO2 path QERVO_TRITP

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:	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	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H		NO	Enabled	0.9 %	0.9 %
2	STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	H		NO	Enabled	50.7 %	50.7 %
3	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H		NO	Enabled	23.9 %	23.9 %
4	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H		NO	Enabled	91.5 %	91.5 %
5	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AGJ	CSI	SAT	CWK		
0.2	CWK	CSI				
1.6	CWK	STV	SAT	CSI		
1.6	CWK	CSI	SAT			
3.6	CWK	STV	SAT	CSI		
4.0	STV	SAT	CSI			
5.8	CSI	SAT				
10.3	STV	SAT	CSI			

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

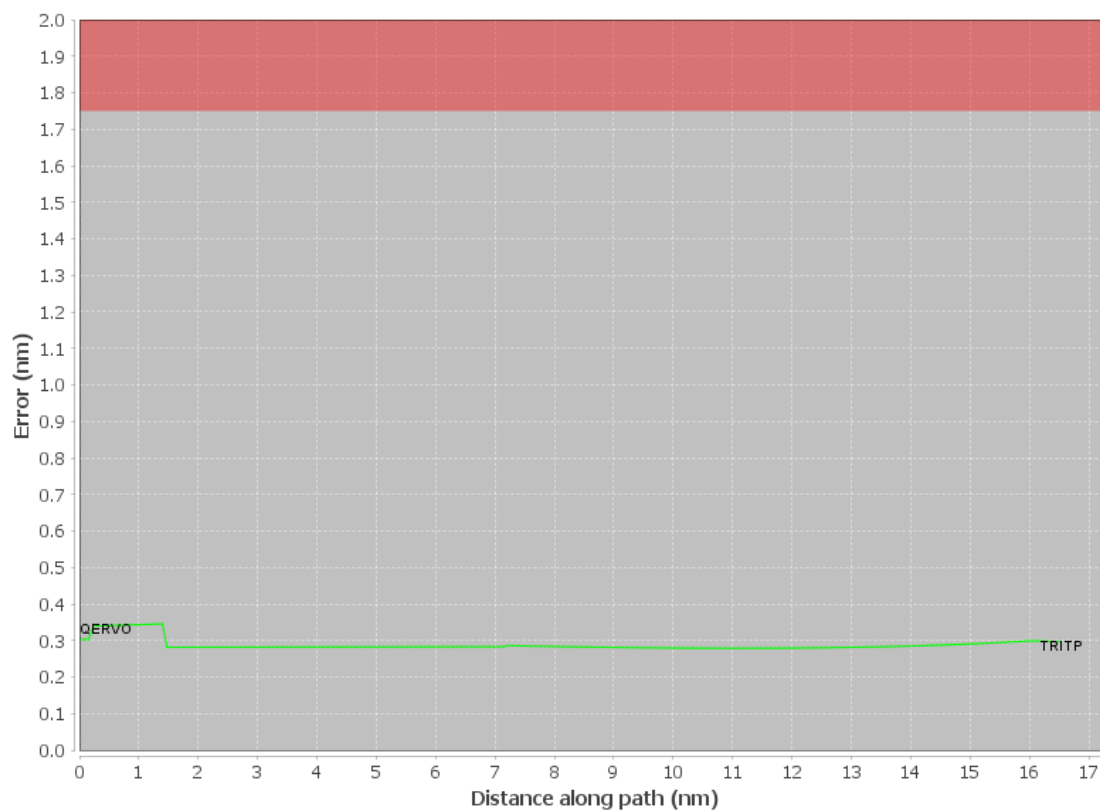
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
QERVO	TRITP	AGJ, STV, CWK, SAT, CSI	

DME DME Assessment Results for QERVO2 path QERVO_TRITP

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		

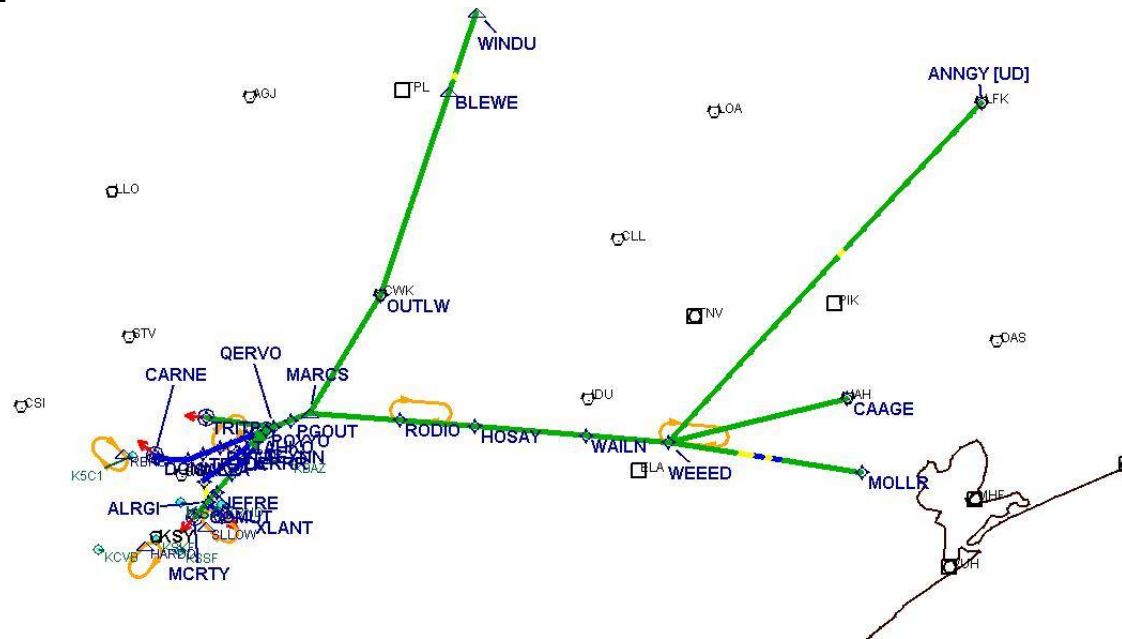
DME DME Assessment Results for QERVO2 path QERVO_TRITP

DME Error



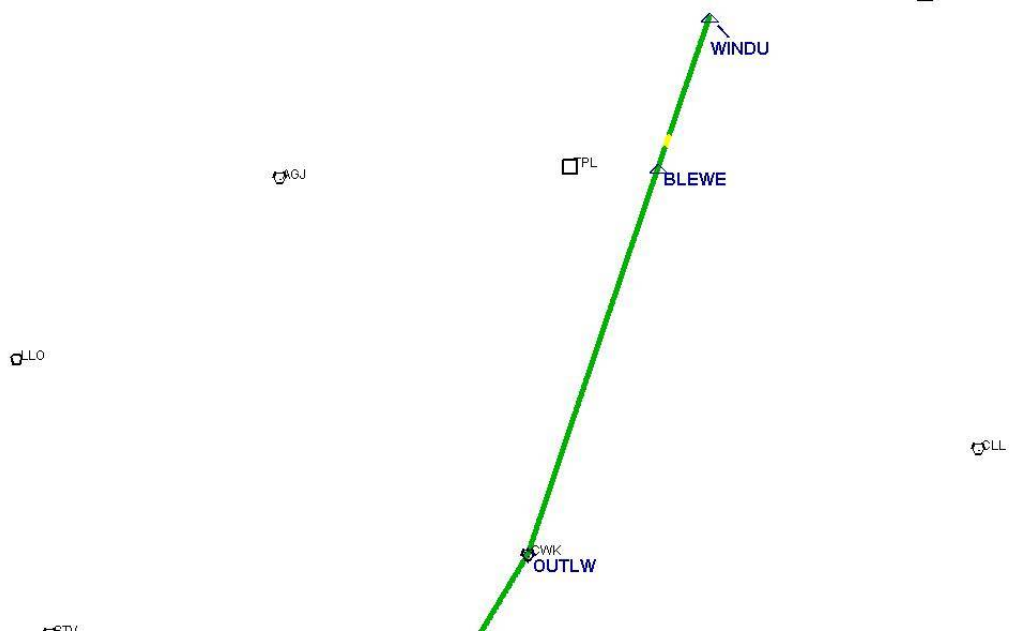
Graphic Depiction 1

DME DME Assessment Results for QERVO2 path QERVO_TRITP



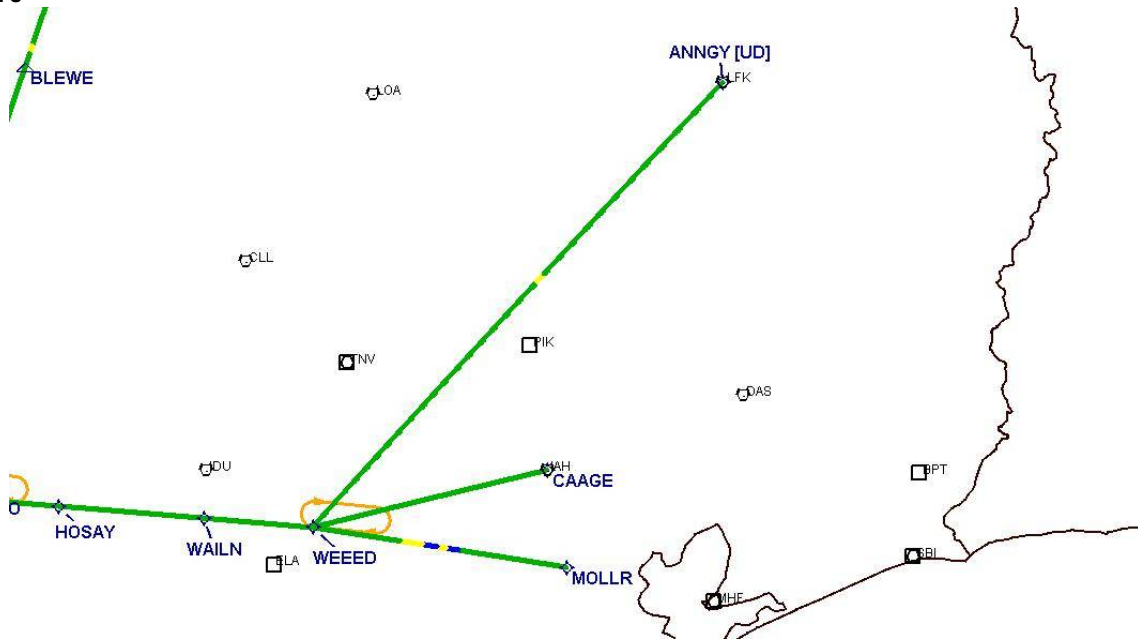
Graphic Depiction 2

DME DME Assessment Results for QERVO2 path QERVO_TRITP



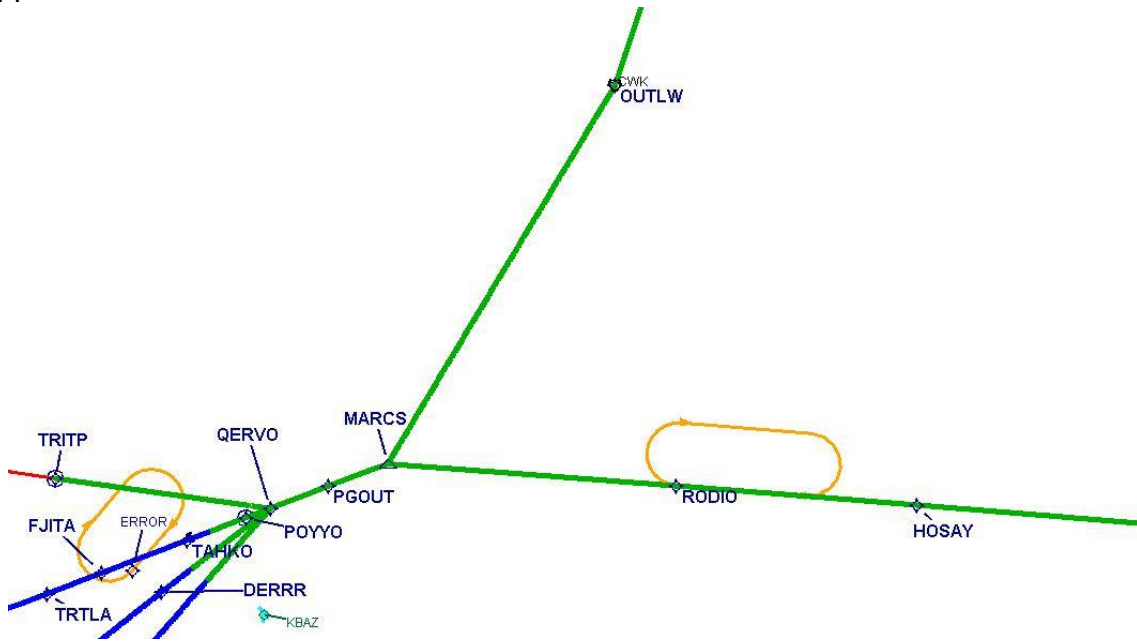
DME DME Assessment Results for QERVO2 path QERVO_TRITP

Graphic Depiction 3



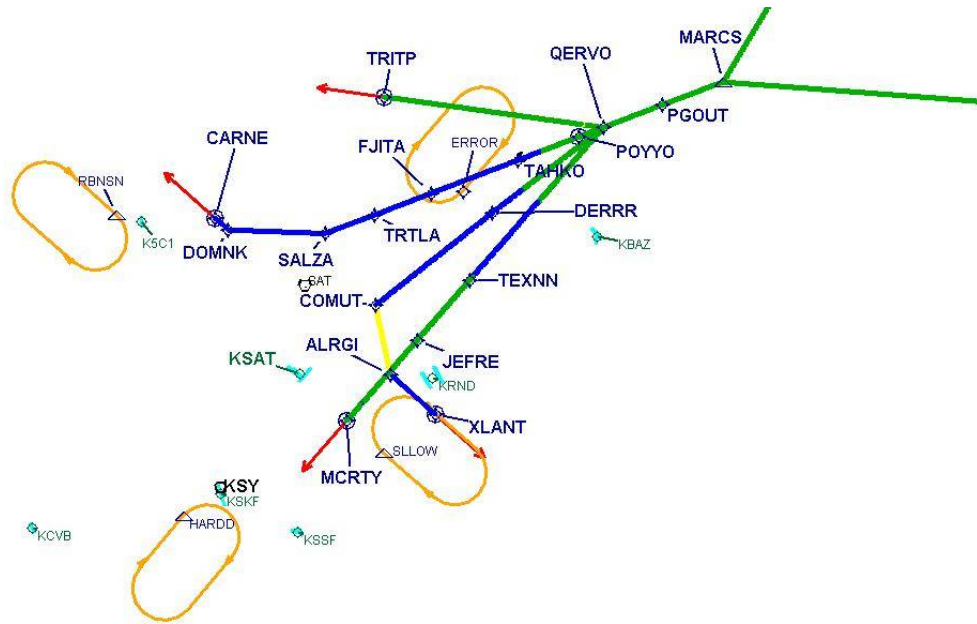
DME DME Assessment Results for QERVO2 path QERVO_TRITP

Graphic Depiction 4



Graphic Depiction 5

DME DME Assessment Results for QERVO2 path QERVO_TRITP



DME DME Assessment Results for QERVO2 path QERVO_POYYO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\QERVO_POYYO\KSAT QERVO2 RNAV STAR QERVO POYYO 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
QERVO	WP	N29° 50' 27.7500", W098° 01' 58.4600"	6000	VNAV	280	FLY_BY	TF
POYYO	WP	N29° 49' 44.8600", W098° 04' 07.3600"	5000	VNAV	280	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KSAT [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 QERVO2 path QERVO_POYYO

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:	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	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H		NO	Enabled	7.7 %	7.7 %
2	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H		NO	Enabled	100 %	100 %
3	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H		NO	Enabled	7.7 %	7.7 %
4	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H		NO	Enabled	100 %	100 %

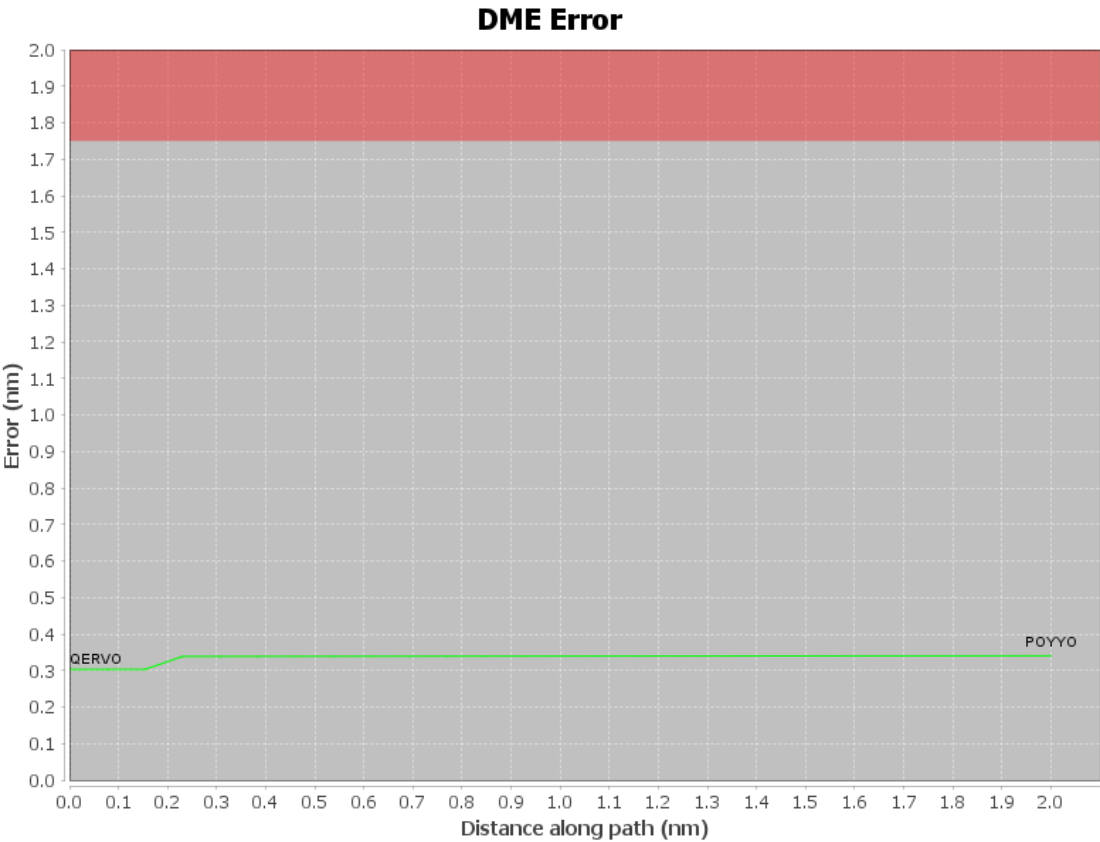
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AGJ	CSI	SAT	CWK		
0.2	CWK	CSI				

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
QERVO	POYYO	AGJ, CWK, SAT, CSI	

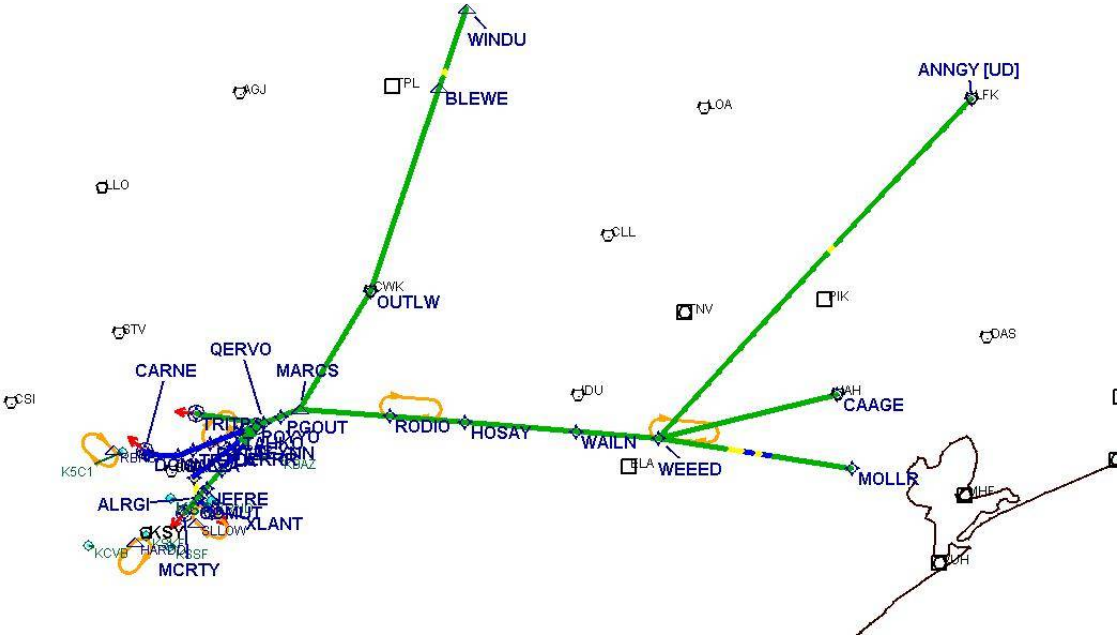
DME DME Assessment Results for QERVO2 path QERVO_POYYO

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		



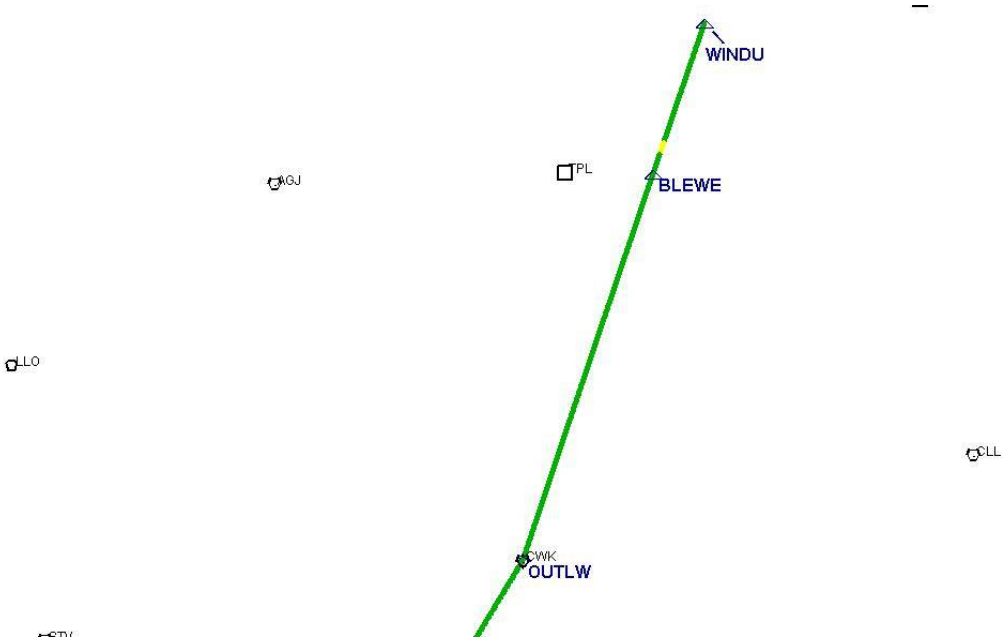
DME DME Assessment Results for QERVO2 path QERVO_POYYO

Graphic Depiction 1

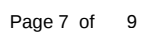


DME DME Assessment Results for QERVO2 path QERVO_POYYO

Graphic Depiction 2

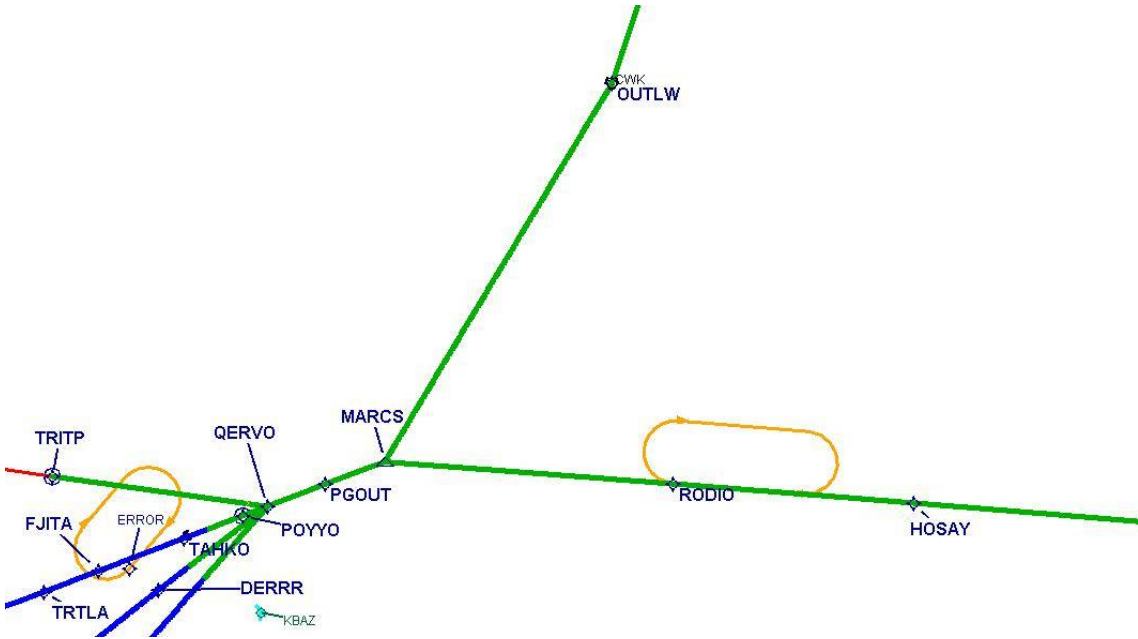


Graphic Depiction 3



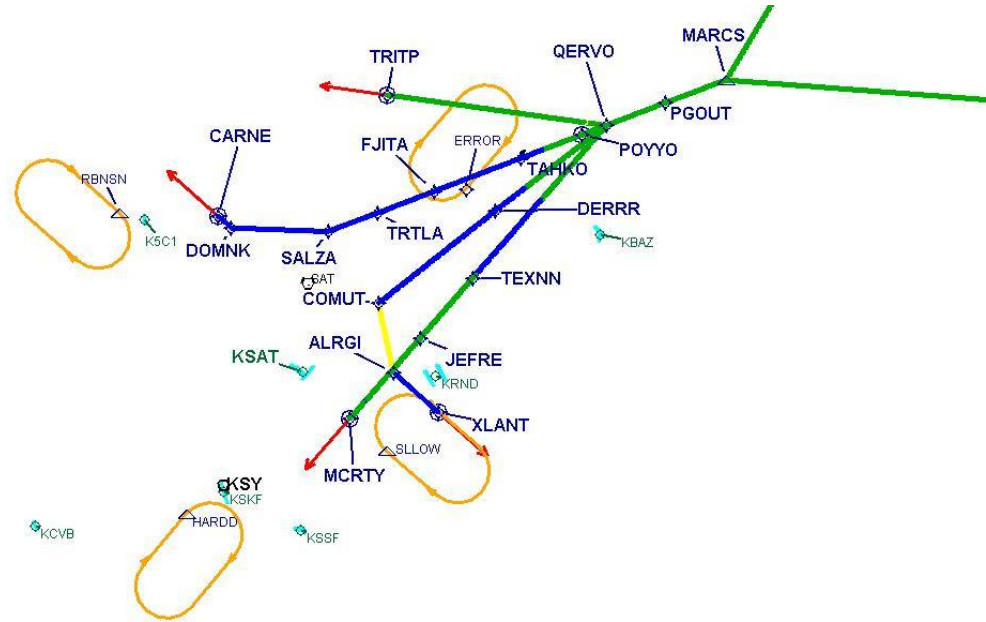
DME DME Assessment Results for QERVO2 path QERVO_POYYO

Graphic Depiction 4



DME DME Assessment Results for QERVO2 path QERVO_POYYO

Graphic Depiction 5



DME DME Assessment Results for QERVO2 path QERVO_XLANT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\QERVO_XLANT\KSAT QERVO2 RNAV STAR QERVO XLANT 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
QERVO	WP	N29° 50' 27.7500", W098° 01' 58.4600"	6000	VNAV	280	FLY_BY	TF
DERRR	WP	N29° 44' 04.0800", W098° 11' 32.4900"	5000	VNAV	280	FLY_BY	TF
COMUT	WP	N29° 37' 08.4400", W098° 21' 34.6900"	5000	VNAV	210	FLY_BY	TF
ALRGI	WP	N29° 32' 00.6100", W098° 20' 18.8700"	5000	VNAV	210	FLY_BY	TF
XLANT	WP	N29° 29' 00.7600", W098° 16' 27.6200"	5000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KSAT [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 QERVO2 path QERVO_XLANT

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:	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	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H		NO	Enabled	0.4 %	0.5 %
2	THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	L		NO	Enabled	19.7 %	16.4 %
3	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H		NO	Enabled	41.5 %	40.4 %
4	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H		NO	Enabled	20.2 %	16.9 %
5	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H		NO	Enabled	41 %	40 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AGJ	CSI	SAT	CWK		
0.2	CWK	CSI				
7.6						
21.7	THX	SAT	CWK			
21.7	CSI	CWK	THX	SAT		
26.8						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N29° 45' 49.3034", W098° 08' 55.2842"	N29° 37' 08.4400", W098° 21' 34.6900"	14.0108
2	N29° 32' 04.0304", W098° 20' 19.7117"	N29° 29' 00.7600", W098° 16' 27.6200"	4.5583

DME DME Assessment Results for QERVO2 path QERVO_XLANT

Available DMEs by Waypoints

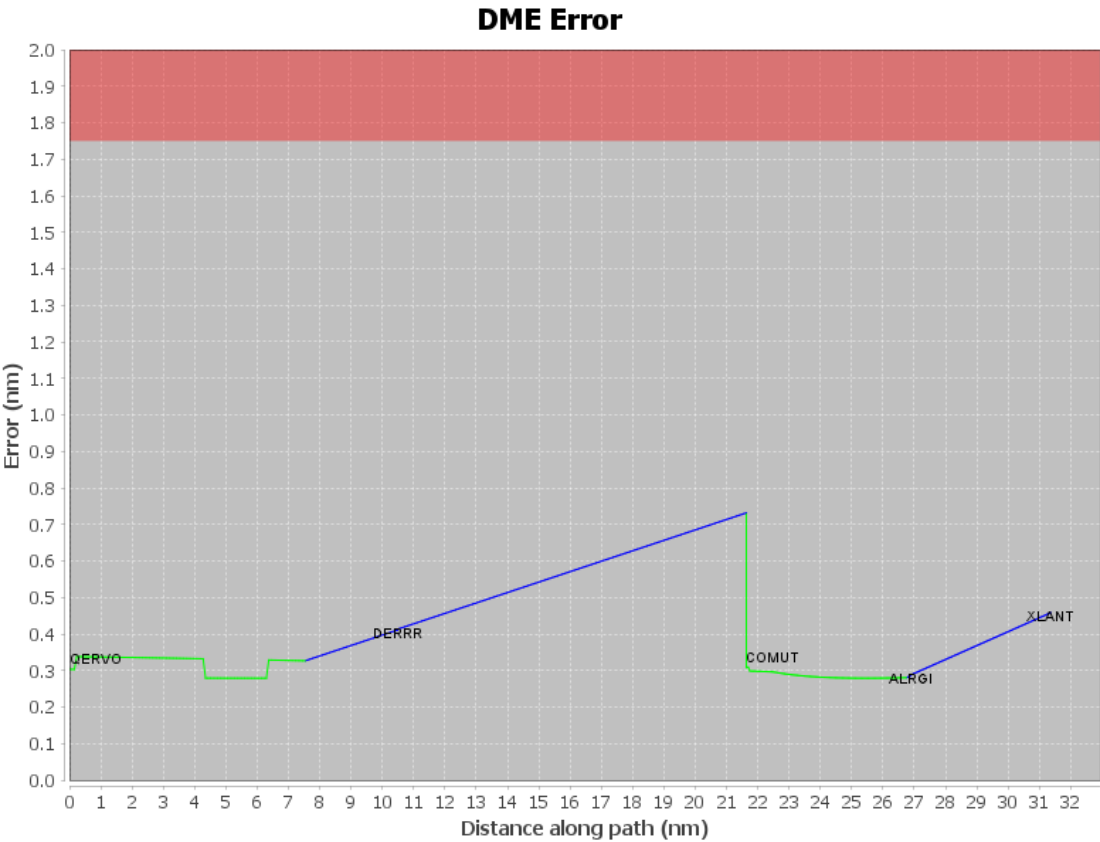
Waypoint Before	Waypoint After	DME List	Suggested DMEs
QERVO	DERRR	AGJ, CWK, SAT, CSI	
DERRR	COMUT		
COMUT	ALRGI	THX, CWK, SAT, CSI	
ALRGI	XLANT		

User Data Files

#	File Name
	None

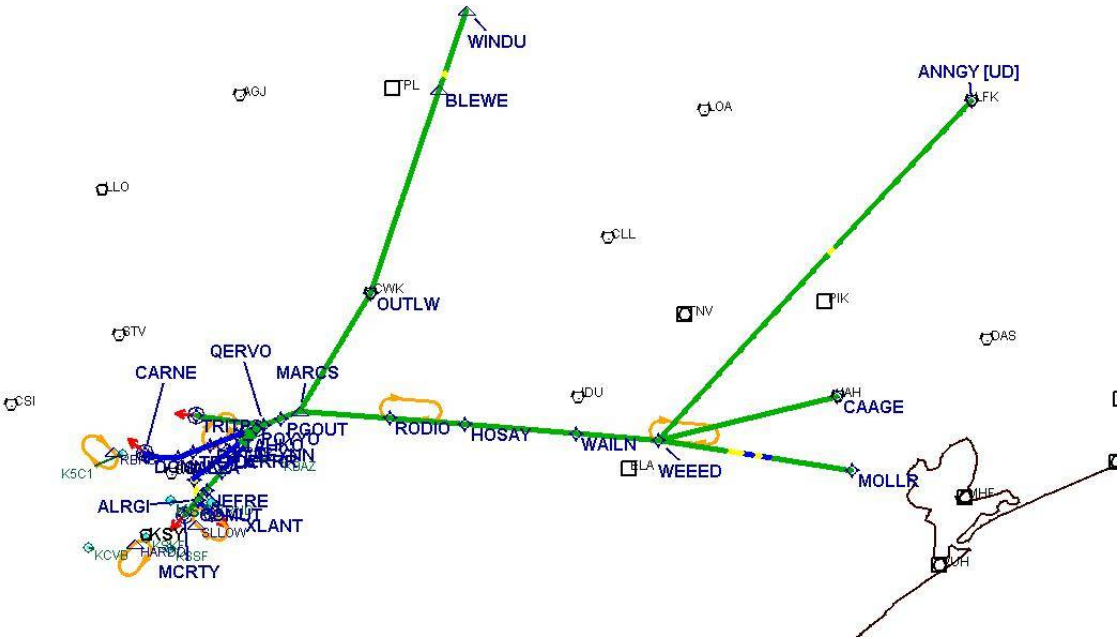
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
	ESV:	Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
	ESV:	Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
	ESV:	Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
	ESV:	Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
	ESV:	Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
	ESV:	Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
	ESV:	Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
	ESV:	Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
	ESV:	Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
	ESV:	Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		



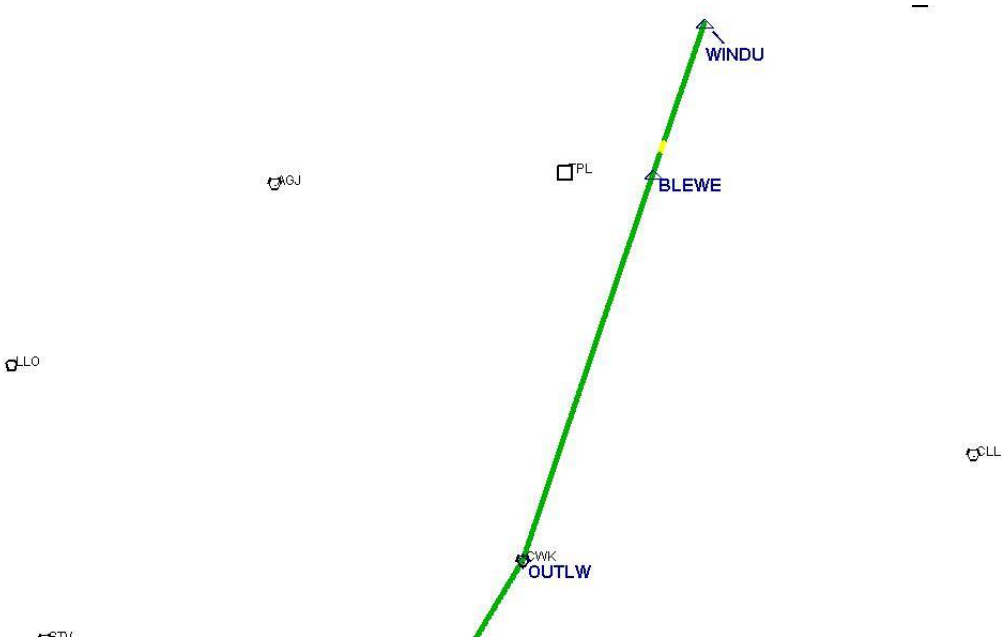
DME DME Assessment Results for QERVO2 path QERVO_XLANT

Graphic Depiction 1

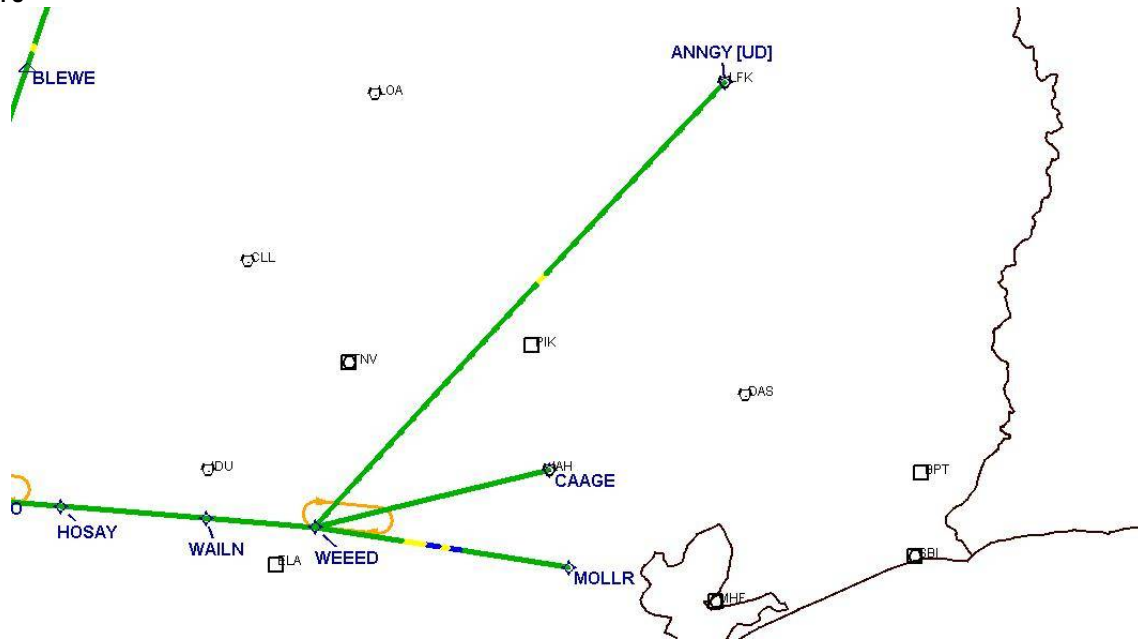


DME DME Assessment Results for QERVO2 path QERVO_XLANT

Graphic Depiction 2

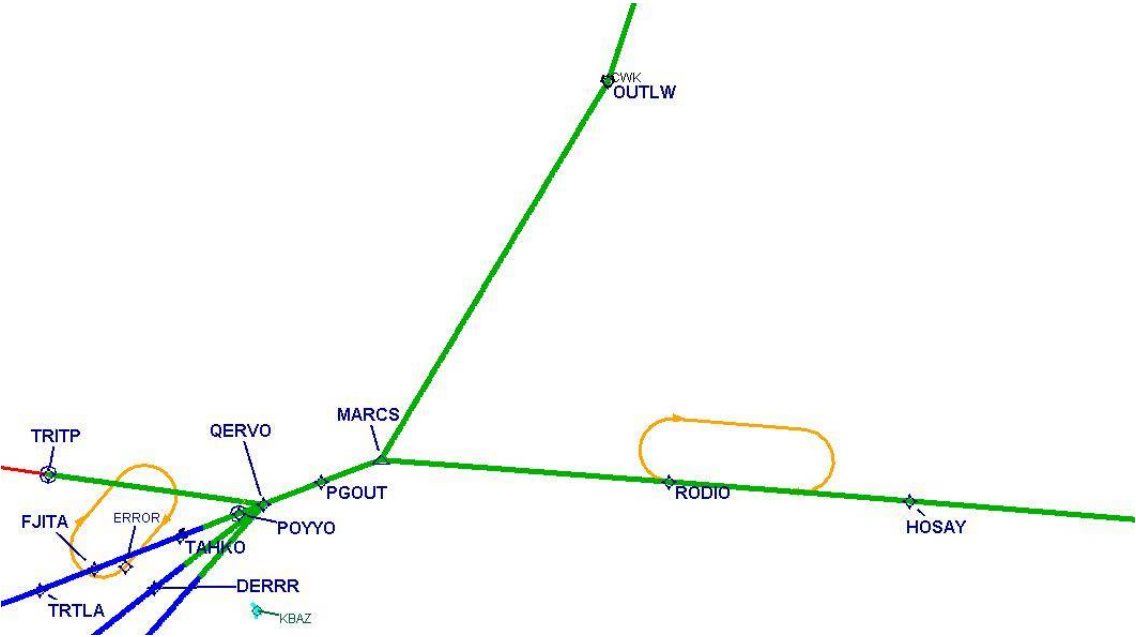


Graphic Depiction 3

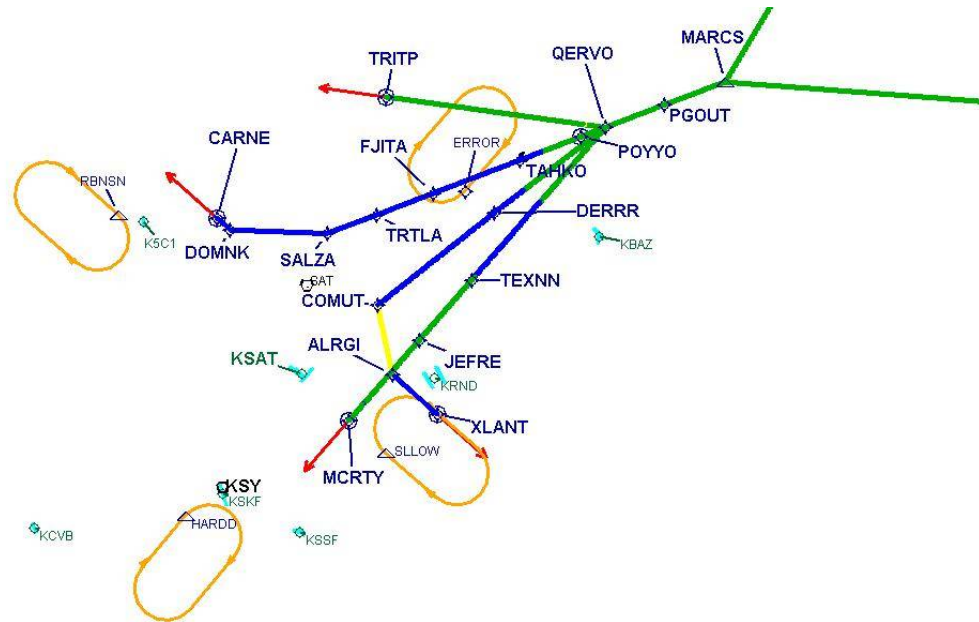


DME DME Assessment Results for QERVO2 path QERVO_XLANT

Graphic Depiction 4



Graphic Depiction 5



DME DME Assessment Results for QERVO2 path QERVO_MCRTY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\AppData\Local\Temp\OLTmp\KSAT QERVO2 STAR 20250203-2.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\KSAT QERVO TWO STAR\Final DME\KSAT [IFPA] QERVO2 20250204_1233 EST\QERVO_MCRTY\KSAT QERVO2 RNAV STAR QERVO MCRTY 20250204_1233 EST.pdf
Procedure Name:	QERVO2
Software: DmeDmePlugin:	7.4.1
Date/Time:	02/04/2025 12:33 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
QERVO	WP	N29° 50' 27.7500", W098° 01' 58.4600"	6000	VNAV	280	FLY_BY	TF
TEXNN	WP	N29° 39' 02.6200", W098° 13' 28.5300"	5000	VNAV	280	FLY_BY	TF
JEFRE	WP	N29° 34' 33.5400", W098° 17' 58.5700"	5000	VNAV	280	FLY_BY	TF
MCRTY	WP	N29° 28' 31.0500", W098° 24' 01.4600"	5000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSAT [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 QERVO2 path QERVO_MCRTY

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:	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	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H		NO	Enabled	0.5 %	0.5 %
2	THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	L		NO	Enabled	9.6 %	9.6 %
3	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H		NO	Enabled	68 %	68 %
4	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H		NO	Enabled	44.7 %	44.7 %
5	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H		NO	Enabled	51 %	51 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AGJ	CSI	SAT	CWK		
0.2	CWK	CSI				
7.4						
14.8	THX	SAT	CWK			
16.0	CWK	SAT				
21.3	CWK	SAT	CSI			
27.3						
27.5	THX	CSI				
28.7	THX	CSI	SAT			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N29° 44' 54.0961", W098° 07' 34.9736"	N29° 39' 20.2001", W098° 13' 10.8684"	7.3883
2	N29° 29' 52.0187", W098° 22' 40.4886"	N29° 29' 44.9785", W098° 22' 47.5310"	0.1555

DME DME Assessment Results for QERVO2 path QERVO_MCRTY

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
QERVO	TEXNN	AGJ, THX, CWK, SAT, CSI	
TEXNN	JEFRE	THX, CWK, SAT	
JEFRE	MCRTY	THX, CWK, SAT, CSI	

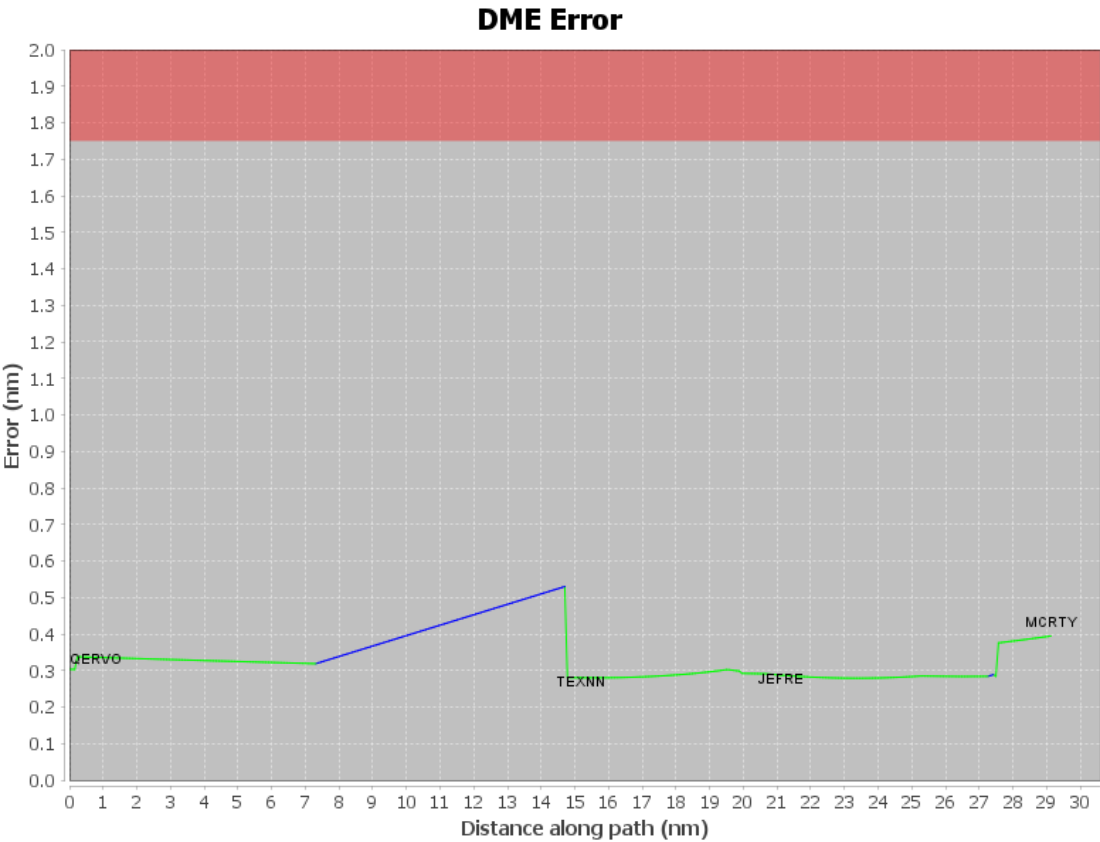
User Data Files

File Name

None

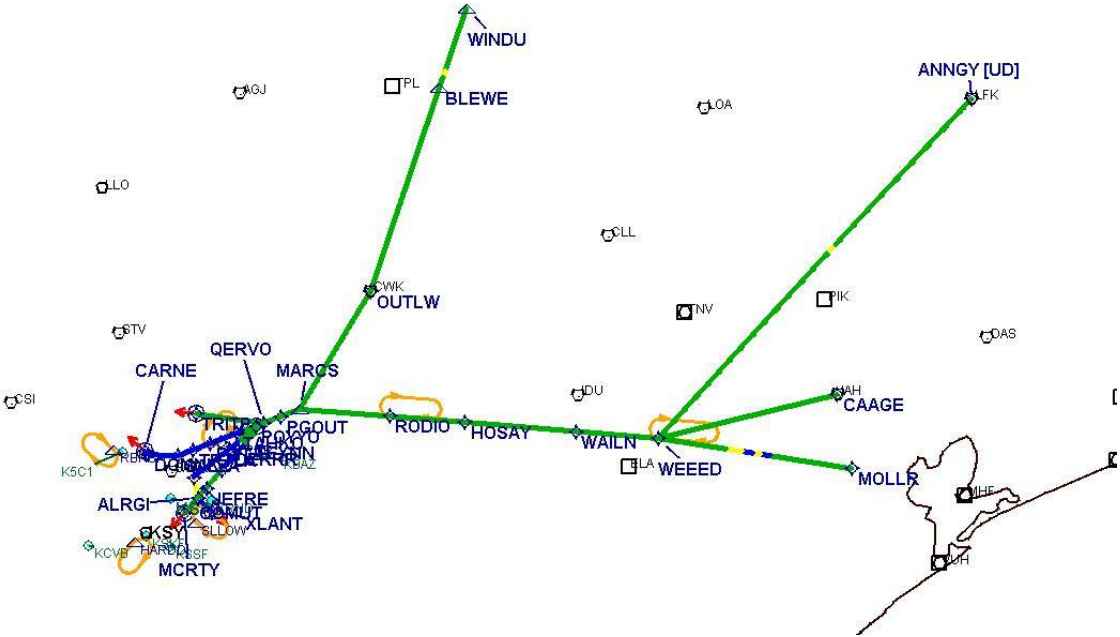
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	THX FAA 772882-51 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-51	
ESV:		Bearing [True]: 354.0° to 3.0° Bearing [Mag]: 346.0° to 355.0°				Arc Distance: Out to 72.0 NM Altitude: 4900.0 to 18300.0 ft		
2	TNV FAA 774965-57 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-57	
ESV:		Bearing [True]: 219.0° to 261.0° Bearing [Mag]: 211.0° to 253.0°				Arc Distance: Out to 90.0 NM Altitude: 7000.0 to 14800.0 ft		
3	TNV FAA 774965-58 TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	247.4	115.9	TNV FAA 774965-58	
ESV:		Bearing [True]: 266.0° to 309.0° Bearing [Mag]: 258.0° to 301.0°				Arc Distance: Out to 84.0 NM Altitude: 8000.0 to 14800.0 ft		
4	VCT FAA 981797-1 VCT	N28° 54' 01.1460", W096° 58' 44.1649"	6.0 E	40	124.6	109.0	VCT FAA 981797-1	
ESV:		Bearing [True]: 7.0° to 6.0° Bearing [Mag]: 1.0° to 360.0°				Arc Distance: Out to 80.0 NM Altitude: 6100.0 to 17500.0 ft		
5	STV FAA 970146-27 STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	1530	113.8	STV FAA 970146-27	
ESV:		Bearing [True]: 38.0° to 118.0° Bearing [Mag]: 30.0° to 110.0°				Arc Distance: Out to 84.0 NM Altitude: 5500.0 to 15000.0 ft		
6	CSI FAA 766740-17 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-17	
ESV:		Bearing [True]: 112.0° to 140.0° Bearing [Mag]: 104.0° to 132.0°				Arc Distance: Out to 57.0 NM Altitude: 4000.0 to 16600.0 ft		
7	THX FAA 772882-49 THX	N28° 30' 17.9901", W098° 09' 01.6803"	8.0 E	40	266.3	111.4	THX FAA 772882-49	
ESV:		Bearing [True]: 324.0° to 351.0° Bearing [Mag]: 316.0° to 343.0°				Arc Distance: Out to 68.0 NM Altitude: 4900.0 to 18300.0 ft		
8	CWK FAA 970907-41 CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-41	
ESV:		Bearing [True]: 210.0° to 227.0° Bearing [Mag]: 204.0° to 221.0°				Arc Distance: Out to 69.0 NM Altitude: 4000.0 to 15100.0 ft		
9	AGJ FAA 767088-46 AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	1190.8	112.5	AGJ FAA 767088-46	
ESV:		Bearing [True]: 143.0° to 182.0° Bearing [Mag]: 138.0° to 177.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 15700.0 ft		
10	CSI FAA 766740-18 CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	2079.3	117.5	CSI FAA 766740-18	
ESV:		Bearing [True]: 85.0° to 102.0° Bearing [Mag]: 77.0° to 94.0°				Arc Distance: Out to 75.0 NM Altitude: 4500.0 to 16600.0 ft		



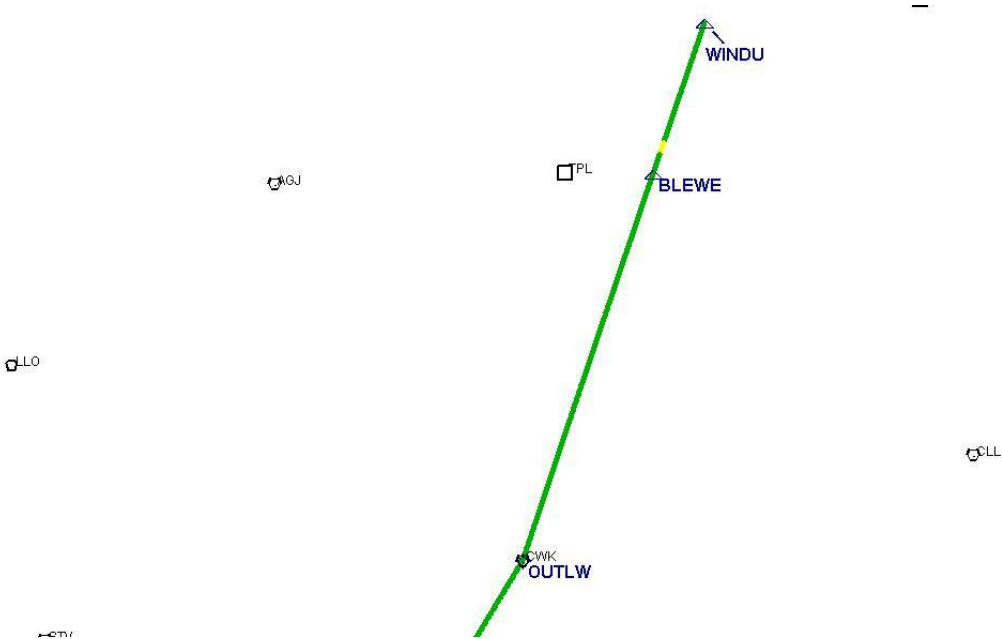
DME DME Assessment Results for QERVO2 path QERVO_MCRTY

Graphic Depiction 1

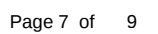


DME DME Assessment Results for QERVO2 path QERVO_MCRTY

Graphic Depiction 2

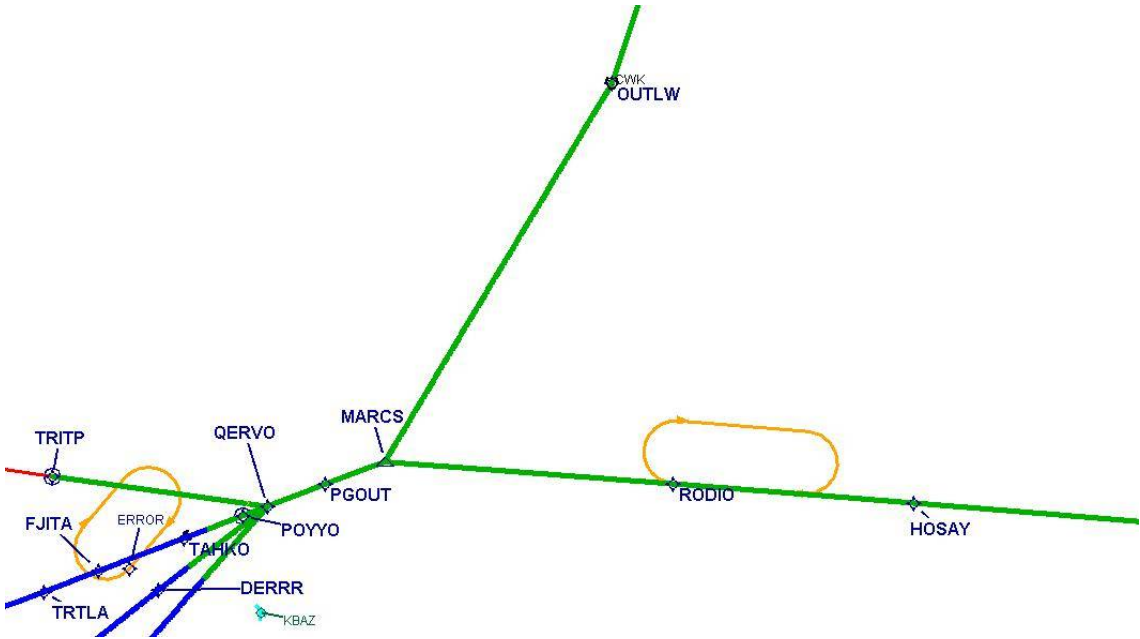


Graphic Depiction 3



DME DME Assessment Results for QERVO2 path QERVO_MCRTY

Graphic Depiction 4



DME DME Assessment Results for QERVO2 path QERVO_MCRTY

Graphic Depiction 5

