

DME DME Assessment Results for Q77 AMEND path OCTAL__WIGVO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Robert CTR Mason
Project File:	C:\Users\ROBERT~1\AppData\Local\Temp\1\Q77 AMEND.tgs
Output File:	C:\Users\Robert CTR Mason\Desktop\DME Evaluations\Q77 AMEND\Q77 AMEND_2019-05-08_0354\OCTAL__WIGVO\Q77 AMEND RNAV ROUTE_OCTAL__WIGVO_2019-05-08_0354.pdf
Procedure Name:	Q77 AMEND
Software: DmeDmePlugin:	5.5.1
Date/Time:	05/08/2019 03:54 PM EDT
Databases:	DTED.MAX

Failures

No Failures

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	IAS (kts)	Turn Type	Leg Type
OCTAL__	WP	N26° 09' 01.92", W080° 12' 11.60"	18000	VNAV	240	FLY_BY	TF
MATLK	WP	N27° 49' 36.54", W080° 57' 04.27"	18000	VNAV	240	FLY_BY	TF
STYMY__	WP	N28° 02' 12.25", W081° 09' 05.47"	18000	VNAV	240	FLY_BY	TF
WAKKO__	WP	N28° 20' 31.57", W081° 18' 32.14"	18000	VNAV	240	FLY_BY	TF
MJAMS	WP	N28° 55' 37.59", W081° 36' 33.30"	18000	VNAV	240	FLY_BY	TF
ETORE	WP	N29° 41' 49.00", W081° 40' 47.75"	18000	VNAV	240	FLY_BY	TF
SHRKS	WP	N30° 37' 23.23", W081° 45' 59.13"	18000	VNAV	240	FLY_BY	TF
TEUFL	WP	N31° 52' 00.46", W082° 01' 04.56"	18000	VNAV	240	FLY_BY	TF
WIGVO	WP	N32° 27' 24.00", W082° 02' 18.00"	18000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	RNAV_ROUTE
Selected Airport:	
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 Q77 AMEND path OCTAL__WIGVO

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Not included
Terminal DMEs:	Not 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 Q77 AMEND path OCTAL_WIGVO

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	AIRNAV2	NO	Enabled	32.2 %	32.2 %
2	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	AIRNAV2	NO	Enabled	26.2 %	26.2 %
3	DHP	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	H	AIRNAV2	NO	Enabled	20.5 %	20.5 %
4	LAL	N27° 59' 10.25", W082° 00' 50.01"	1.0 E	130	H	AIRNAV2	NO	Enabled	43.1 %	43.1 %
5	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	H	AIRNAV2	NO	Enabled	15.7 %	15.7 %
6	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	AIRNAV2	NO	Enabled	36.6 %	36.6 %
7	FLL	N26° 04' 26.18", W080° 09' 59.19"	6.0 W	130	H	AIRNAV2	NO	Enabled	19.8 %	19.8 %
8	IRQ	N33° 42' 26.47", W082° 09' 43.43"	4.0 W	130	H	AIRNAV2	NO	Enabled	6.2 %	6.2 %
9	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	AIRNAV2	NO	Enabled	45.8 %	45.8 %
10	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	AIRNAV2	NO	Enabled	48.2 %	48.2 %
11	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H	AIRNAV2	NO	Enabled	0.1 %	0.1 %
12	SAV	N32° 08' 46.56", W081° 11' 56.78"	6.0 W	130	H	AIRNAV2	NO	Enabled	28.7 %	28.7 %
13	TRV	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	H	AIRNAV2	NO	Enabled	44 %	44 %
14	MCN	N32° 41' 28.27", W083° 38' 49.86"	1.0 E	130	H	AIRNAV2	NO	Enabled	9.2 %	9.2 %
15	PBI	N26° 40' 48.20", W080° 05' 11.36"	3.0 W	130	H	AIRNAV2	NO	Enabled	31.5 %	31.4 %
16	OMN	N29° 18' 11.71", W081° 06' 45.71"	0.0 E	130	H	AIRNAV2	NO	Enabled	50.6 %	50.6 %
17	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	AIRNAV2	NO	Enabled	36.8 %	36.8 %
18	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	H	AIRNAV2	NO	Enabled	22.4 %	22.4 %
19	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	AIRNAV2	NO	Enabled	48.5 %	48.5 %

DME DME Assessment Results for Q77 AMEND path OCTAL__WIGVO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PHK	DHP	PBI	FLL		
5.7	PHK	PBI	DHP			
11.7	PHK	PBI	DHP	TRV		
12.5	PHK	PBI	FLL	DHP	TRV	
57.8	PHK	PBI	TRV	LAL	DHP	VKZ
76.1	TRV	PBI	LAL	PHK	ORL	FLL
94.7	PHK	TRV	ORL	PBI	SRQ	LAL
124.5	LAL	ORL	OMN	PHK	PIE	SRQ
145.0	LAL	TRV	PIE	ORL	SRQ	OMN
151.6	LAL	TRV	PIE	SRQ	OMN	
168.9	LAL	ORL	OMN	PIE	TRV	CRG
185.8	OMN	ORL	PIE	LAL	CRG	
202.2	OMN	CRG	ORL	LAL	TAY	
223.8	OMN	CRG	TAY	ORL		
237.3	TAY	CRG	OMN	OTK	ORL	
239.1	TAY	CRG	OMN	ORL		
242.5	TAY	CRG	OMN	OTK	ORL	
257.3	OMN	CRG	TAY	AMG	OTK	
273.8	TAY	OMN	AMG	OTK		
277.9	TAY	OMN	AMG	OTK	CRG	
298.1	TAY	CRG	AMG	OTK	SAV	
364.2	AMG	MCN	TAY	OTK	SAV	
368.1	AMG	MCN	TAY	SAV		
371.3	AMG	MCN	IRQ	SAV	TAY	
373.6	AMG	MCN	IRQ	SAV		
395.4	SAV	AMG	MCN	IRQ	CAE	

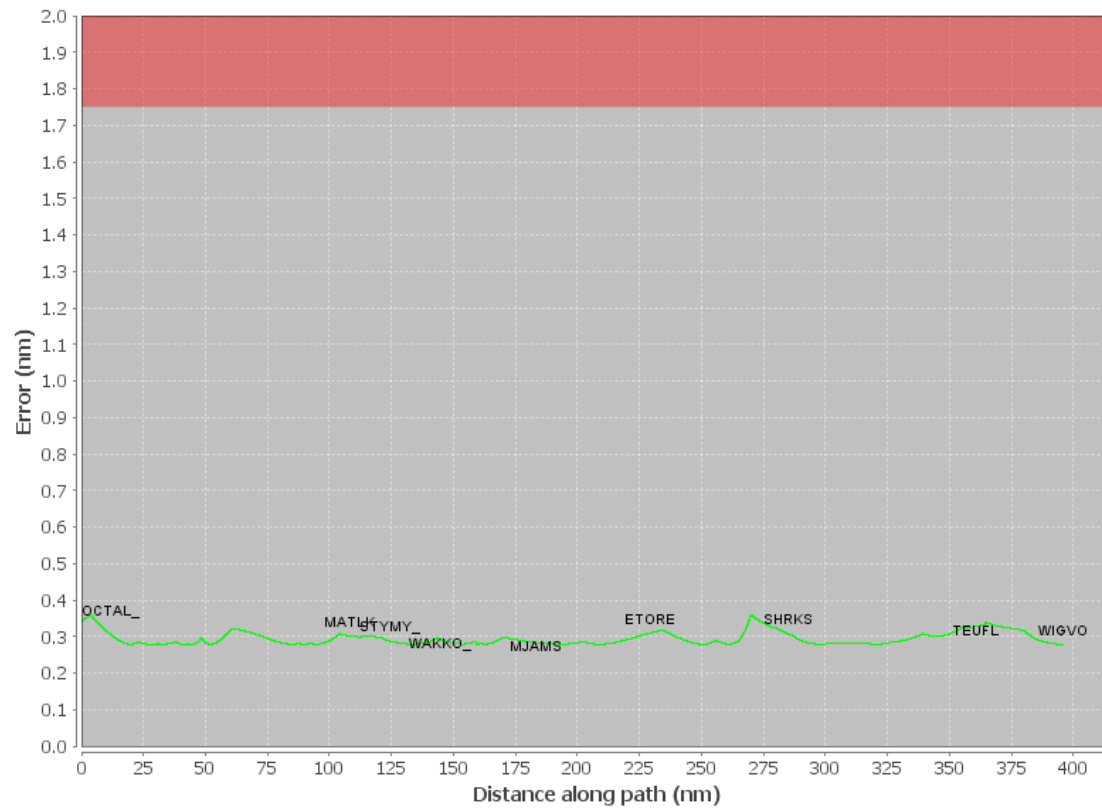
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
OCTAL__	MATLK	OMN, PHK, SRQ, VKZ, PBI, LAL, FLL, ORL, TRV, DHP, PIE
MATLK	STYMY__	OMN, PHK, SRQ, PBI, LAL, ORL, TRV, PIE
STYMY__	WAKKO__	OMN, PHK, SRQ, LAL, ORL, TRV, PIE
WAKKO__	MJAMS	OMN, PHK, SRQ, LAL, ORL, TRV, CRG, PIE
MJAMS	ETORE	OMN, LAL, ORL, TRV, CRG, PIE, TAY
ETORE	SHRKS	OMN, OTK, ORL, CRG, SAV, AMG, TAY
SHRKS	TEUFL	OMN, OTK, SAV, CRG, MCN, AMG, TAY
TEUFL	WIGVO	CAE, OTK, SAV, MCN, CRG, IRQ, AMG, TAY

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

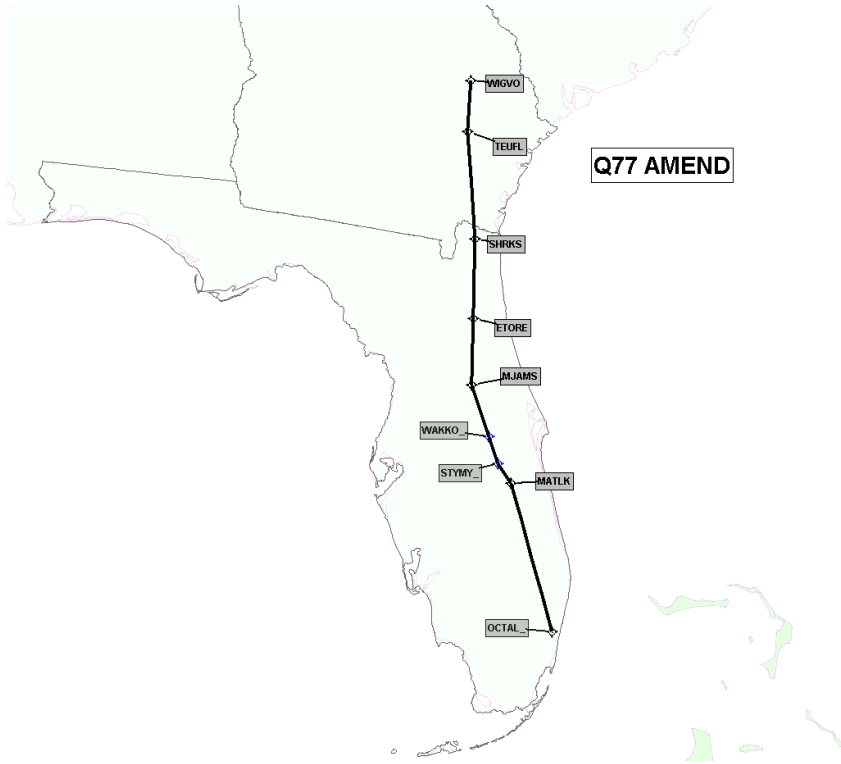
DME DME Assessment Results for Q77 AMEND path OCTAL__WIGVO

DME Error



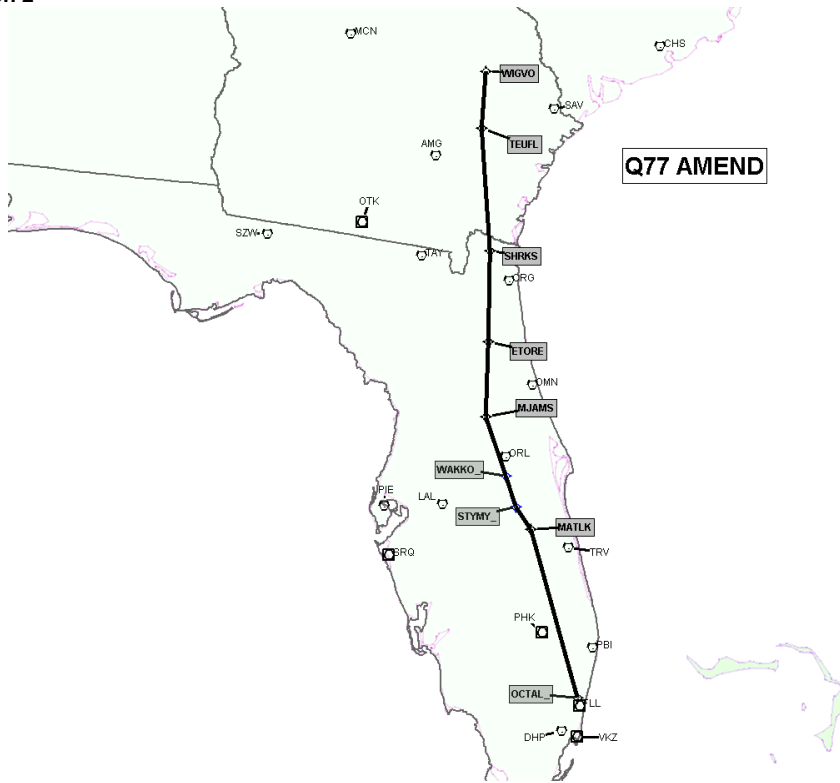
DME DME Assessment Results for Q77 AMEND path OCTAL__WIGVO

Graphic Depiction 1



DME DME Assessment Results for Q77 AMEND path OCTAL__WIGVO

Graphic Depiction 2



DME DME Assessment Results for Q77 AMEND path WIGVO_OCTAL_

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Procedure Name:	Q77 AMEND
Software: DmeDmePlugin:	5.5.1
Date/Time:	05/08/2019 03:54 PM EDT
Databases:	DTED.MAX

Failures

No Failures

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	IAS (kts)	Turn Type	Leg Type
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DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
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High DMEs:	Included
Low DMEs:	Not included
Terminal DMEs:	Not included
Flight Check DMEs:	Not selected
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Disabled DMEs:	None

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6	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	AIRNAV2	NO	Enabled	36.6 %	36.6 %
7	FLL	N26° 04' 26.18", W080° 09' 59.19"	6.0 W	130	H	AIRNAV2	NO	Enabled	19.8 %	19.8 %
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10	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	AIRNAV2	NO	Enabled	48.2 %	48.2 %
11	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H	AIRNAV2	NO	Enabled	0.1 %	0.1 %
12	SAV	N32° 08' 46.56", W081° 11' 56.78"	6.0 W	130	H	AIRNAV2	NO	Enabled	28.7 %	28.7 %
13	TRV	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	H	AIRNAV2	NO	Enabled	44 %	44 %
14	MCN	N32° 41' 28.27", W083° 38' 49.86"	1.0 E	130	H	AIRNAV2	NO	Enabled	9.2 %	9.2 %
15	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	AIRNAV2	NO	Enabled	36.8 %	36.8 %
16	OMN	N29° 18' 11.71", W081° 06' 45.71"	0.0 E	130	H	AIRNAV2	NO	Enabled	50.6 %	50.6 %
17	PBI	N26° 40' 48.20", W080° 05' 11.36"	3.0 W	130	H	AIRNAV2	NO	Enabled	31.5 %	31.4 %
18	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	H	AIRNAV2	NO	Enabled	22.4 %	22.4 %
19	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	AIRNAV2	NO	Enabled	48.5 %	48.5 %

DME DME Assessment Results for Q77 AMEND path WIGVO_OCTAL_

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SAV	AMG	MCN	IRQ	CAE	
0.4	SAV	AMG	MCN	IRQ		
22.2	AMG	MCN	IRQ	SAV	TAY	
24.5	AMG	MCN	TAY	SAV		
27.7	AMG	MCN	TAY	SAV	OTK	
36.3	SAV	CRG	AMG	OTK	TAY	
113.7	TAY	AMG	OMN	CRG	OTK	
117.9	TAY	OMN	AMG	OTK		
122.0	TAY	OMN	AMG	OTK	CRG	
145.8	TAY	CRG	OMN	OTK	ORL	
153.3	TAY	CRG	OMN	ORL		
156.7	TAY	CRG	OMN	OTK	ORL	
158.5	TAY	CRG	OMN	ORL		
172.0	OMN	CRG	LAL	TAY	ORL	
203.6	OMN	ORL	CRG	PIE	LAL	
227.7	LAL	ORL	OMN	PIE	TRV	SRQ
236.7	LAL	TRV	PIE	OMN	SRQ	
297.3	PHK	TRV	ORL	LAL	SRQ	OMN
298.0	PHK	TRV	ORL	LAL	SRQ	PBI
315.7	TRV	PBI	LAL	ORL	PHK	FLL
328.7	TRV	PBI	LAL	PHK	ORL	DHP
337.0	PHK	PBI	TRV	LAL	DHP	VKZ
342.6	PHK	PBI	TRV	FLL	DHP	VKZ
381.8	PHK	PBI	FLL	DHP	TRV	
383.3	PHK	PBI	DHP	TRV		
384.1	PHK	PBI	DHP			
390.1	PHK	PBI	DHP	FLL		

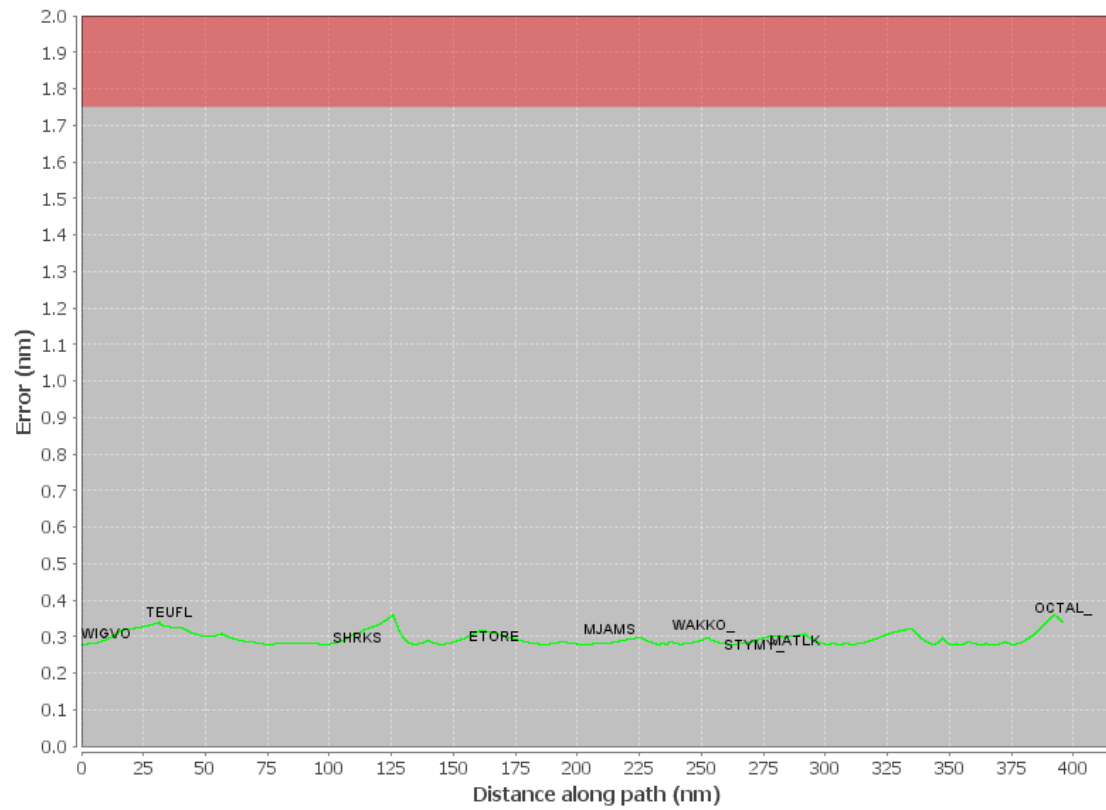
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
WIGVO	TEUFL	CAE, OTK, IRQ, SAV, MCN, CRG, AMG, TAY
TEUFL	SHRKS	OMN, OTK, SAV, MCN, CRG, AMG, TAY
SHRKS	ETORE	OMN, OTK, ORL, SAV, CRG, AMG, TAY
ETORE	MJAMS	OMN, LAL, ORL, CRG, TRV, TAY, PIE
MJAMS	WAKKO_	OMN, PHK, SRQ, LAL, ORL, TRV, CRG, PIE
WAKKO_	STYMY_	OMN, PHK, SRQ, LAL, ORL, TRV, PIE
STYMY_	MATLK	OMN, PHK, SRQ, PBI, LAL, ORL, TRV, PIE
MATLK	OCTAL_	OMN, PHK, SRQ, VKZ, PBI, LAL, FLL, ORL, TRV, PIE, DHP

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

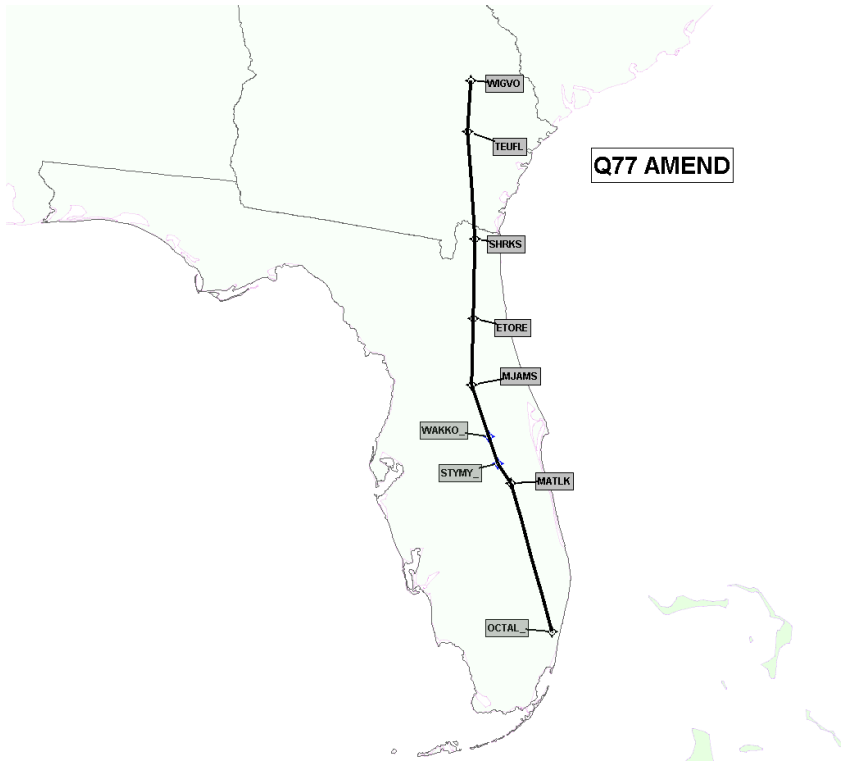
DME DME Assessment Results for Q77 AMEND path WIGVO_OCTAL_

DME Error



DME DME Assessment Results for Q77 AMEND path WIGVO_OCTAL_

Graphic Depiction 1



DME DME Assessment Results for Q77 AMEND path WIGVO_OCTAL_

Graphic Depiction 2

