

DME DME Assessment Results for Q116 AMEND path VUZ_OCTAL_

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Schoenhoff
Project File:	C:\RNAV PRO 20181221\Q & T ROUTES\Q110\Q110 AMEND DME 2019-05-05_1001\Q Y FLMP DME 20190505.tgs
Output File:	C:\RNAV PRO 20181221\Q & T ROUTES\Q116\Q116 AMEND_2019-05-05_0245\VUZ_OCTAL_Q116 AMEND RNAV ROUTE_VUZ_OCTAL_2019-05-05_0245.pdf
Procedure Name:	Q116 AMEND
Software: DmeDmePlugin:	5.5.1
Date/Time:	05/05/2019 02:45 PM EDT
Databases:	DTED Level 0 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
VUZ	WP	N33° 40' 12.48", W086° 53' 59.41"	18000	VNAV	240	FLY_BY	TF
DEEDA	WP	N31° 34' 13.55", W085° 00' 31.10"	18000	VNAV	240	FLY_BY	TF
JAWJA	WP	N30° 10' 25.55", W083° 48' 58.94"	18000	VNAV	240	FLY_BY	TF
MICES	WP	N29° 51' 37.65", W083° 33' 18.30"	18000	VNAV	240	FLY_BY	TF
DEANR	WP	N29° 15' 30.40", W083° 03' 30.24"	18000	VNAV	240	FLY_BY	TF
PAToy	WP	N29° 03' 52.49", W082° 54' 00.09"	18000	VNAV	240	FLY_BY	TF
SMELZ	WP	N28° 04' 59.00", W082° 06' 34.00"	18000	VNAV	240	FLY_BY	TF
SHEEK	WP	N27° 35' 15.40", W081° 46' 27.82"	18000	VNAV	240	FLY_BY	TF
JAYMC	WP	N26° 58' 51.00", W081° 22' 08.00"	18000	VNAV	240	FLY_BY	TF
OCTAL_	WP	N26° 09' 01.92", W080° 12' 11.60"	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

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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:	TAY

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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	30.4 %	30.4 %
2	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	AIRNAV2	NO	Enabled	33.1 %	33.2 %
3	DHP	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	H	AIRNAV2	NO	Enabled	15.7 %	15.7 %
4	LAL	N27° 59' 10.25", W082° 00' 50.01"	1.0 E	130	H	AIRNAV2	NO	Enabled	33.7 %	33.8 %
5	CEW	N30° 49' 34.23", W086° 40' 44.92"	3.0 E	130	H	AIRNAV2	NO	Enabled	5 %	5 %
6	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	H	AIRNAV2	NO	Enabled	12.9 %	12.9 %
7	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	AIRNAV2	NO	Enabled	25.6 %	25.6 %
8	FLL	N26° 04' 26.18", W080° 09' 59.19"	6.0 W	130	H	AIRNAV2	NO	Enabled	16.2 %	16.2 %
9	VUZ	N33° 40' 12.48", W086° 53' 59.41"	2.0 E	130	H	AIRNAV2	NO	Enabled	16.7 %	16.7 %
10	RMG	N34° 09' 45.22", W085° 07' 09.83"	1.0 E	130	H	AIRNAV2	NO	Enabled	12.1 %	12.1 %
11	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	AIRNAV2	NO	Enabled	28.9 %	28.9 %
12	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	AIRNAV2	NO	Enabled	41.5 %	41.5 %
13	TRV	N27° 40' 42.33", W080° 29' 23.01"	7.0 W	130	H	AIRNAV2	NO	Enabled	27.9 %	27.9 %
14	LGC	N33° 02' 56.83", W085° 12' 22.40"	1.0 E	130	H	AIRNAV2	NO	Enabled	29.3 %	29.3 %
15	MCN	N32° 41' 28.27", W083° 38' 49.86"	1.0 E	130	H	AIRNAV2	NO	Enabled	4.1 %	4.1 %
16	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	AIRNAV2	NO	Enabled	31.2 %	31.2 %
17	OMN	N29° 18' 11.71", W081° 06' 45.71"	0.0 E	130	H	AIRNAV2	NO	Enabled	29.8 %	29.8 %
18	PBI	N26° 40' 48.20", W080° 05' 11.36"	3.0 W	130	H	AIRNAV2	NO	Enabled	19.9 %	19.9 %
19	ATL	N33° 37' 44.68", W084° 26' 06.23"	5.0 W	130	H	AIRNAV2	NO	Enabled	0.2 %	0.2 %
20	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	AIRNAV2	NO	Enabled	34.4 %	34.4 %
21	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	H	AIRNAV2	NO	Enabled	30.9 %	30.9 %
22	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	AIRNAV2	NO	Disabled		

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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MGM	RMG	LGC			
4.4	VUZ	RMG	MGM	LGC		
68.1	LGC	VUZ	MGM			
74.2	LGC	VUZ	MGM	ATL	RMG	
75.6	LGC	VUZ	MGM			
99.9	MGM	LGC				
122.1	MGM	LGC	CEW	MCN		
127.0	MGM	LGC	CEW	SZW	MCN	
127.4	MGM	LGC	SZW			
130.4	MGM	LGC	CEW	SZW		
135.7	MGM	LGC	SZW	MCN	CEW	
153.6	SZW	MCN	MGM	LGC		
154.2	MGM	LGC	AMG	SZW		
160.9	MGM	LGC	OTK	SZW		
168.1	AMG	SZW	OTK	MGM		
233.2	MGM	AMG	OTK			
234.6	MGM	AMG	OTK	SZW		
237.9	AMG	SZW				
239.5	AMG	SZW	OTK			
258.9	SZW	OTK	AMG	OMN		
313.3	OMN	OTK	PIE	AMG	SZW	
325.4	OMN	OTK	PIE	AMG	LAL	
336.4	OMN	PIE	ORL	LAL	AMG	
340.0	PIE	OMN	ORL	LAL		
347.0	PIE	OMN	ORL	SRQ	LAL	
420.8	TRV	SRQ	OMN	ORL	PIE	
429.9	PIE	LAL	SRQ	ORL	PHK	TRV
497.8	FLL	TRV	LAL	SRQ	DHP	PHK
523.8	PHK	DHP	VKZ	FLL	TRV	PBI
565.3	FLL	PBI	PHK	DHP	VKZ	
566.1	FLL	PBI	PHK	DHP		
568.6	PHK	PBI	DHP			
570.9	PHK	DHP	PBI	FLL		

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
VUZ	DEEDA	SZW, MGM, CEW, LGC, ATL, MCN, VUZ, AMG, RMG
DEEDA	JAWJA	SZW, OMN, MGM, OTK, LGC, AMG
JAWJA	MICES	SZW, OMN, OTK, AMG
MICES	DEANR	SZW, OMN, LAL, OTK, AMG, PIE
DEANR	PAToy	OMN, LAL, OTK, ORL, AMG, PIE
PAToy	SMELZ	OMN, SRQ, LAL, ORL, TRV, PIE
SMELZ	SHEEK	OMN, PHK, SRQ, LAL, ORL, TRV, PIE
SHEEK	JAYMC	PHK, SRQ, VKZ, LAL, PBI, FLL, ORL, TRV, PIE, DHP
JAYMC	OCTAL_	PHK, SRQ, VKZ, LAL, PBI, FLL, ORL, TRV, PIE, DHP

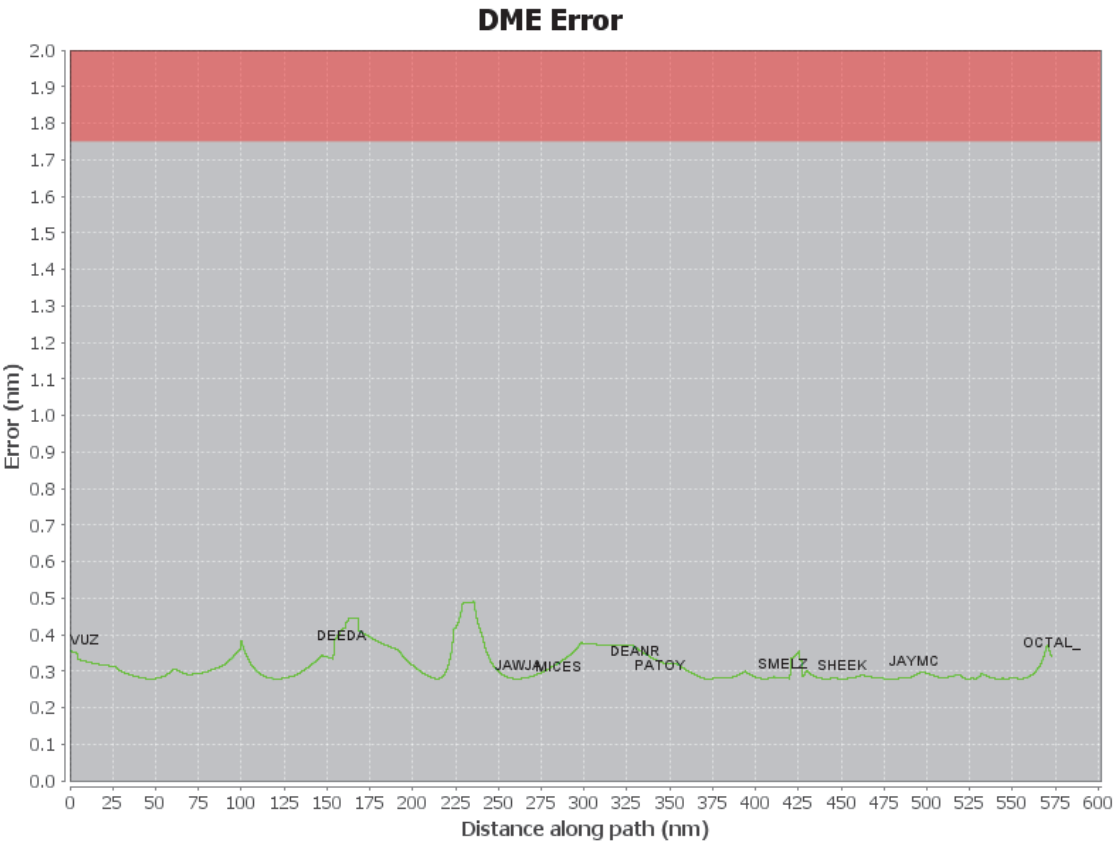
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User Data Files

#	File Name
1	UserDMEsQ116 AMEND RNAV ROUTE_2018-12-10_1235.udt

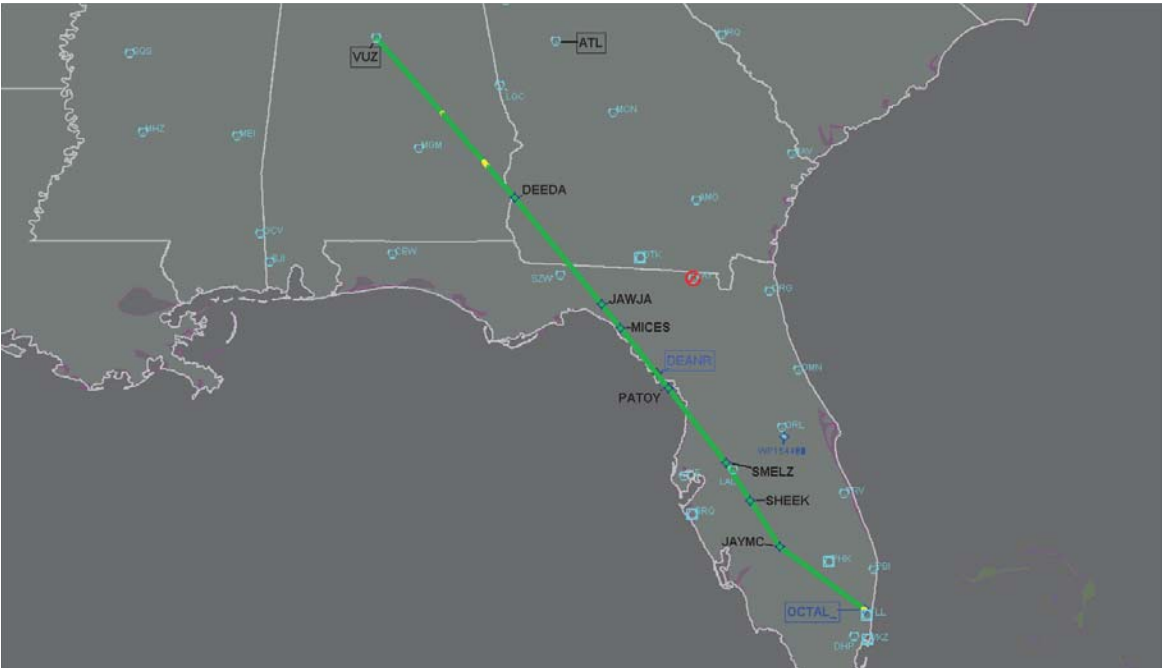
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV MGM [AIRNAV2] MGM [AIRNAV2]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	278.9	112.1	ESV MGM [AIRNAV2]	
ESV:		Bearing [True]: 108.0° to 248.0° Bearing [Mag]: 105.0° to 245.0°				Arc Distance: Out to 155.0 NM Altitude: 18000.0 to 33000.0 ft		
2	ESV AMG [AIRNAV2] AMG [AIRNAV2]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	213.3	115.1	ESV AMG [AIRNAV2]	
ESV:		Bearing [True]: 170.0° to 350.0° Bearing [Mag]: 170.0° to 350.0°				Arc Distance: Out to 155.0 NM Altitude: 18000.0 to 45000.0 ft		
3	UDT ESV OMN OMN [AIRNAV2]	N29° 18' 11.71", W081° 06' 45.71"	0.0 E	130	18	112.6	UDT ESV OMN	
ESV:		Bearing [True]: 150.0° to 355.0° Bearing [Mag]: 150.0° to 355.0°				Arc Distance: Out to 155.0 NM Altitude: 18000.0 to 33000.0 ft		



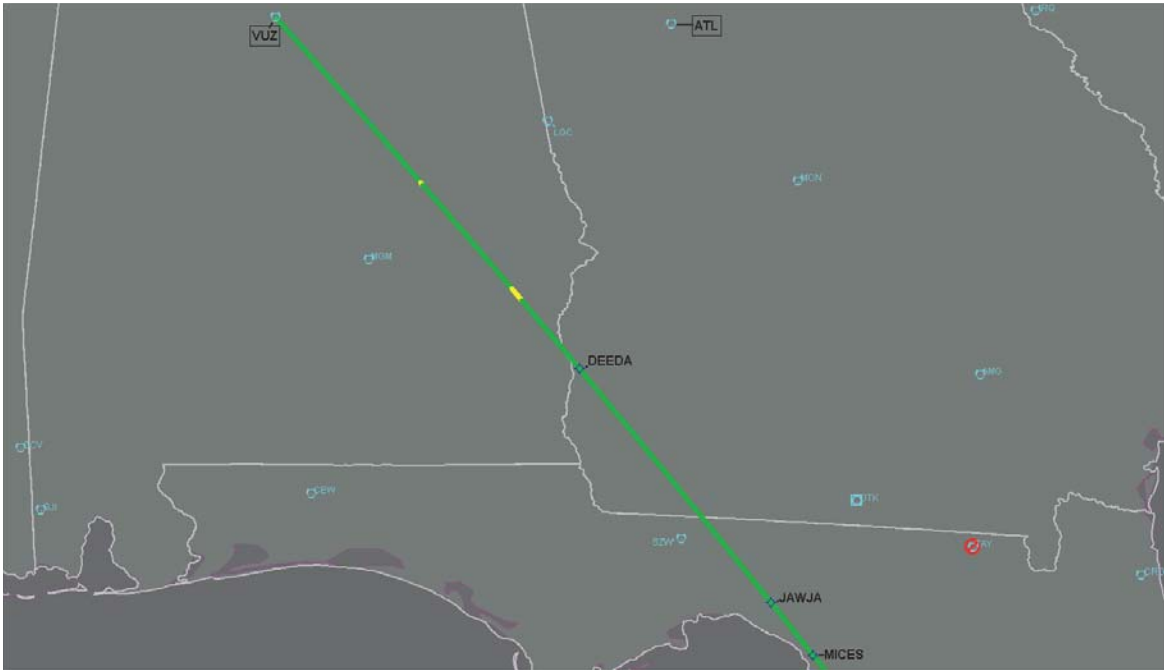
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Graphic Depiction 1



DME DME Assessment Results for Q116 AMEND path VUZ_OCTAL_

Graphic Depiction 2



DME DME Assessment Results for Q116 AMEND path VUZ_OCTAL_

Graphic Depiction 3

