

## DME DME Assessment Results for Q85 AMEND path LPERD\_SMPRR

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Schoenhoff
Project File:	D:\RNAV PRO 20171203\Q & T ROUTES\Q85\Q85 AMEND 12-6-2018.tgs
Output File:	D:\RNAV PRO 20171203\Q & T ROUTES\Q85\Q85 AMEND_2018-12-11_0914\LPERD_SMPRR\Q85 AMEND RNAV ROUTE_LPERD_SMPRR_2018-12-11_0914.pdf
Procedure Name:	Q85 AMEND
Software: DmeDmePlugin:	5.5.0
Date/Time:	12/11/2018 09:14 AM EST
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
LPERD	WP	N30° 36' 09.18", W081° 16' 52.16"	18000	VNAV	210	FLY_BY	TF
BEEGE	WP	N31° 12' 19.78", W081° 16' 34.60"	18000	VNAV	210	FLY_BY	TF
GIPPL	WP	N31° 22' 53.96", W081° 09' 53.70"	18000	VNAV	210	FLY_BY	TF
ROYCO	WP	N31° 35' 10.38", W081° 02' 22.45"	18000	VNAV	210	FLY_BY	TF
IGARY	WP	N32° 34' 41.37", W080° 22' 36.01"	18000	VNAV	210	FLY_BY	TF
PELIE	WP	N33° 21' 23.88", W079° 44' 43.43"	18000	VNAV	210	FLY_BY	TF
BUMMA	WP	N34° 01' 58.09", W079° 11' 07.50"	18000	VNAV	210	FLY_BY	TF
KAATT	WP	N34° 15' 35.43", W078° 59' 42.38"	18000	VNAV	210	FLY_BY	TF
SMPRR	WP	N34° 26' 28.32", W078° 50' 31.80"	18000	VNAV	210	FLY_BY	TF

### Flyability

Flight Type:	RNAV_ROUTE
Selected Airport:	
Climb Gradient:	None assigned
Speeds:	180 KIAS to 11000 FT
	210 KIAS to 18000 FT
	240 KIAS to 24000 FT
	280 KIAS 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

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H	AIRNAV2	NO	Enabled	49.2 %	49.2 %
2	SAV	N32° 08' 46.56", W081° 11' 56.78"	6.0 W	130	H	AIRNAV2	NO	Enabled	68.5 %	68.5 %
3	RDU	N35° 52' 21.08", W078° 47' 00.03"	9.0 W	130	H	AIRNAV2	NO	Enabled	11.3 %	11.3 %
4	ILM	N34° 21' 05.93", W077° 52' 27.77"	7.0 W	130	H	AIRNAV2	NO	Enabled	24.6 %	24.6 %
5	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	AIRNAV2	NO	Enabled	36 %	36 %
6	OMN	N29° 18' 11.71", W081° 06' 45.71"	0.0 E	130	H	AIRNAV2	NO	Enabled	8 %	8 %
7	FLO	N34° 13' 58.69", W079° 39' 25.78"	3.0 W	130	H	AIRNAV2	NO	Enabled	48.4 %	48.3 %
8	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	AIRNAV2	NO	Enabled	31.2 %	31.2 %
9	CHS	N32° 53' 39.55", W080° 02' 16.13"	5.0 W	130	H	AIRNAV2	NO	Enabled	95.6 %	95.6 %
10	ORL	N28° 32' 33.81", W081° 20' 06.07"	0.0 E	130	H	AIRNAV2	NO	Enabled	5.9 %	5.9 %
11	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	AMG	CRG	OMN	SAV		
10.4	AMG	CRG	SAV	CHS	OMN	ORL
21.2	AMG	CRG	SAV	CHS	ORL	
26.2	AMG	CRG	SAV	CHS		
82.9	SAV	CHS	AMG			
95.7	SAV	CHS				
109.0						
110.3	CAE	SAV	CHS			
137.3	CAE	SAV	CHS	FLO		
183.5	CAE	CHS	FLO			
196.8	CAE	CHS	FLO	RDU		
200.4	CAE	CHS	FLO	ILM		
239.2	FLO	CHS	RDU	ILM	CAE	
241.1	FLO	CHS	RDU	ILM		

### Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N32° 16' 13.14", W080° 35' 03.10"	N32° 17' 21.69", W080° 34' 17.06"	1.3139
2	N32° 17' 17.66", W080° 34' 19.77"	N32° 16' 09.11", W080° 35' 05.81"	1.3139

### Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List
LPERD	BEEGE	OMN, ORL, SAV, CRG, AMG, CHS
BEEGE	GIPPL	SAV, CRG, AMG, CHS
GIPPL	ROYCO	SAV, CRG, AMG, CHS
ROYCO	IGARY	CAE, SAV, CRG, AMG, CHS
IGARY	PELIE	CAE, FLO, SAV, CHS
PELIE	BUMMA	RDU, CAE, FLO, ILM, CHS
BUMMA	KAATT	RDU, CAE, FLO, ILM, CHS
KAATT	SMPRR	RDU, FLO, ILM, CHS

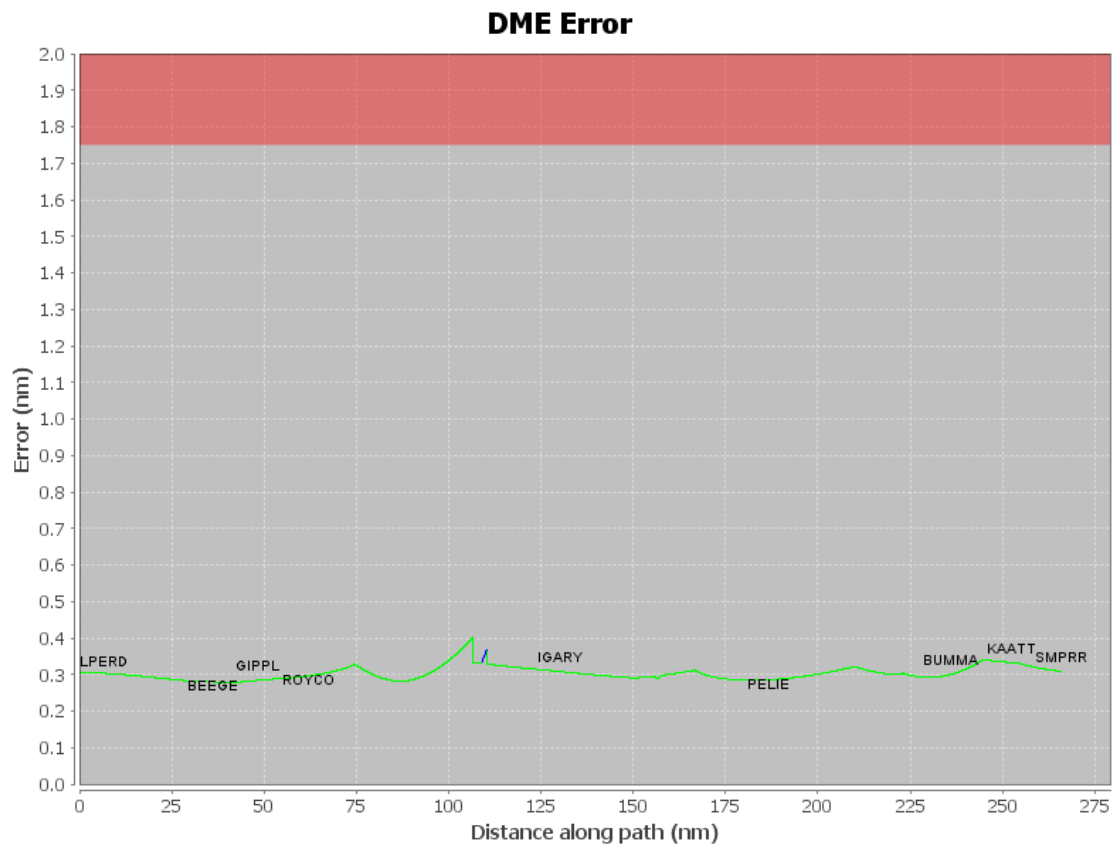
### User Data Files

#	File Name
1	Q85.udt

### User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV RDU RDU [AIRNAV2]	N35° 52' 21.08", W078° 47' 00.03"	4.0 W	130	452.8	117.2	UDT ESV RDU	
ESV:		Bearing [True]: 31.0° to 231.0° Bearing [Mag]: 35.0° to 235.0°				Arc Distance: Out to 150.0 NM Altitude: 18000.0 to 45000.0 ft		
2	UDT ESV ORL ORL [AIRNAV2]	N28° 32' 33.81", W081° 20' 06.07"	0.0 E	130	118.1	112.2	UDT ESV ORL	
ESV:		Bearing [True]: 300.0° to 60.0° Bearing [Mag]: 300.0° to 60.0°				Arc Distance: Out to 150.0 NM Altitude: 18000.0 to 45000.0 ft		
3	UDT ESV CHS CHS [AIRNAV2]	N32° 53' 39.55", W080° 02' 16.13"	5.0 W	130	39	113.5	UDT ESV CHS	
ESV:		Bearing [True]: 195.0° to 65.0° Bearing [Mag]: 200.0° to 70.0°				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 Q85 AMEND path LPERD\_SMPRR

Graphic Depiction 2



DME DME Assessment Results for Q85 AMEND path LPERD\_SMPRR

Graphic Depiction 3

