

DME DME Assessment Results for Q87 path LCAPE_HURTS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Steve CTR Jubb
Project File:	C:\Users\Steve CTR Jubb\Desktop\NEC ACR from FTP site\NEC ACR Routes 34 Q's, 5 Y's\Q-87 Amend 9-8-22 PUB\Q87 Amend DME 20211004_1302 EDT\Q-87 Amend DME.tgs 211014.tgs
Output File:	C:\Users\Steve CTR Jubb\Desktop\NEC ACR from FTP site\NEC ACR Routes 34 Q's, 5 Y's\Q-87 Amend 9-8-22 PUB\Q87 20211014_0900 EDT\LCAPE_HURTS\Q87 RNAV ROUTE LCAPE HURTS 20211014_0900 EDT.pdf
Procedure Name:	Q87
Software: DmeDmePlugin:	6.3.0
Date/Time:	10/14/2021 09:00 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

Extend Q87 from LCAPE North to HURTS.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
LCAPE	WP	N34° 33' 03.47", W079° 30' 39.47"	18000	VNAV	240	FLY_BY	TF
ALWZZ	WP	N34° 42' 02.90", W079° 24' 36.57"	18000	VNAV	240	FLY_BY	TF
ASHEL	WP	N35° 25' 43.32", W078° 54' 48.07"	18000	VNAV	240	FLY_BY	TF
DADDS	WP	N35° 36' 30.35", W078° 47' 20.70"	18000	VNAV	240	FLY_BY	TF
NOWAE	WP	N36° 22' 39.49", W078° 14' 59.21"	18000	VNAV	240	FLY_BY	TF
RIDDN	WP	N36° 47' 21.19", W077° 45' 50.29"	18000	VNAV	240	FLY_BY	TF
GEARS	WP	N37° 06' 07.23", W077° 23' 24.43"	18000	VNAV	240	FLY_BY	TF
HURTS	WP	N37° 27' 41.87", W076° 57' 17.75"	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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	H	IFPA	NO	Enabled	64.8 %	64.8 %
2	FLO	N34° 13' 58.69", W079° 39' 25.78"	3.0 W	130	H	IFPA	NO	Enabled	57.4 %	57.4 %
3	RIC	N37° 30' 08.47", W077° 19' 12.97"	9.0 W	130	H	IFPA	NO	Enabled	46.9 %	46.8 %
4	FAK	N37° 31' 42.63", W077° 49' 41.59"	6.0 W	130	H	IFPA	NO	Enabled	54.6 %	54.6 %
5	ILM	N34° 21' 05.93", W077° 52' 27.77"	7.0 W	130	H	IFPA	NO	Enabled	41.4 %	41.4 %
6	RDU	N35° 52' 21.08", W078° 47' 00.03"	9.0 W	130	H	IFPA	NO	Enabled	79.7 %	79.7 %
7	GVE	N38° 00' 48.96", W078° 09' 10.90"	6.0 W	130	H	IFPA	NO	Enabled	32 %	32 %
8	ORF	N36° 53' 30.86", W076° 12' 01.18"	7.0 W	130	H	IFPA	NO	Enabled	35.9 %	35.9 %
9	CSN	N38° 38' 28.33", W077° 51' 55.80"	6.0 W	130	H	IFPA	NO	Enabled	15.2 %	15.2 %
10	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H	IFPA	NO	Enabled	5.8 %	5.8 %

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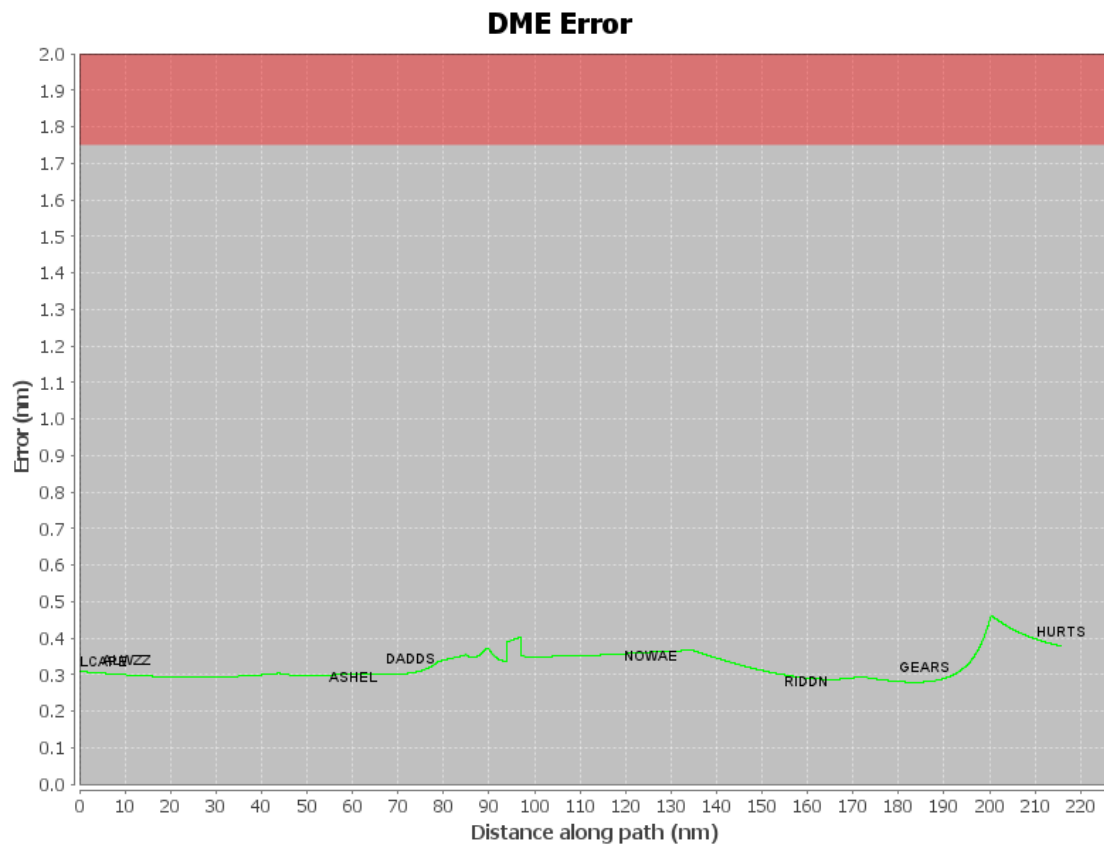
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FLO	ILM	RDU	CAE	GSO	
12.7	FLO	ILM	RDU	GSO		
88.8	FLO	RDU	GSO			
93.2	ILM	RDU	GSO	FLO		
93.8	FLO	GSO				
97.9	FAK	GSO	FLO			
106.8	FAK	GSO	RIC	FLO		
107.5	FAK	GSO	RIC	FLO	RDU	
123.8	FAK	GSO	GVE	RIC	RDU	
139.9	FAK	ORF	GVE	RIC	RDU	
185.8	RIC	ORF	CSN	FAK	GVE	
193.0	RIC	ORF	FAK	CSN		
201.5	FAK	CSN	ORF			
207.5	FAK	CSN				
209.2	FAK	CSN	RIC			
213.7	FAK	CSN	RIC	ORF		

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
LCAPE	ALWZZ	GSO, RDU, CAE, FLO, ILM
ALWZZ	ASHEL	GSO, RDU, CAE, FLO, ILM
ASHEL	DADDS	GSO, RDU, FLO, ILM
DADDS	NOWAE	FAK, GSO, RDU, GVE, FLO, ILM, RIC
NOWAE	RIDDN	FAK, GSO, RDU, ORF, GVE, RIC
RIDDN	GEARS	FAK, ORF, RDU, GVE, RIC, CSN
GEARS	HURTS	FAK, ORF, RDU, GVE, RIC, CSN

User Data Files								
#	File Name							
1	UserDMEsQ87 RNAV ROUTE_20191210_1047 EST.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	FAA 698188-053 FLO [IFPA]	N34° 13' 58.69", W079° 39' 25.78"	3.0 W	130	103.9	115.2	FAA 698188-053	
ESV:		Bearing [True]: 17.0° to 237.0° Bearing [Mag]: 20.0° to 240.0°				Arc Distance: Out to 160.0 NM Altitude: 18000.0 to 38000.0 ft		

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Graphic Depiction 1

