

DME DME Assessment Results for Q22 path TWOUP_MASHI

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-22 Amend_\Q22 20210217_1733 EST\Q-22 Amend DME BURGG JOEPO pub 9-8-22 210922.tgs
Output File:	C:\Users\Steve CTR Jubb\Desktop\NEC ACR from FTP site\NEC ACR Routes 34 Q's, 5 Y's\Q-22 Amend_\Q22 20210922_0913 EDT\TWOUP_MASHI\Q22 RNAV ROUTE TWOUP MASHI 20210922_0913 EDT.pdf
Procedure Name:	Q22
Software: DmeDmePlugin:	6.3.0
Date/Time:	09/22/2021 09:13 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

BURGG is being used to replace SPA VORTAC and is located 60 feet southeast of SPA VORTAC. DME DME eval performed from TWOUP to MASHI to insert BURGG.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
TWOUP	WP	N33° 53' 45.39", W083° 49' 08.39"	18000	VNAV	240	FLY_BY	TF
BURGG	WP	N35° 02' 00.55", W081° 55' 36.86"	18000	VNAV	240	FLY_BY	TF
NYBLK	WP	N35° 34' 34.99", W081° 02' 33.96"	18000	VNAV	240	FLY_BY	TF
MASHI	WP	N35° 58' 17.90", W080° 23' 04.71"	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	LGC	N33° 02' 56.83", W085° 12' 22.40"	1.0 E	130	H	IFPA	NO	Enabled	6.6 %	6.6 %
2	SPA	N35° 02' 01.05", W081° 55' 37.24"	2.0 W	130	H	IFPA	NO	Enabled	70.5 %	70.5 %
3	MCN	N32° 41' 28.27", W083° 38' 49.86"	1.0 E	130	H	IFPA	NO	Enabled	18 %	18.1 %
4	RMG	N34° 09' 45.23", W085° 07' 09.87"	1.0 E	130	H	IFPA	NO	Enabled	19.5 %	19.5 %
5	GSO	N36° 02' 44.49", W079° 58' 34.94"	3.0 W	130	H	IFPA	NO	Enabled	38.4 %	38.4 %
6	BZM	N35° 52' 07.87", W081° 14' 25.90"	6.0 W	130	H	IFPA	NO	Enabled	64 %	64 %
7	ATL	N33° 37' 44.68", W084° 26' 06.23"	5.0 W	130	H	IFPA	NO	Enabled	31.1 %	31.1 %
8	GRD	N34° 15' 05.64", W082° 09' 14.94"	1.0 W	130	H	IFPA	NO	Enabled	74.8 %	74.8 %
9	GQO	N34° 57' 40.59", W085° 09' 12.13"	1.0 E	130	H	IFPA	NO	Enabled	8.3 %	8.3 %
10	ODF	N34° 41' 45.14", W083° 17' 51.58"	0.0 E	130	H	IFPA	NO	Enabled	69.4 %	69.4 %
11	RDU	N35° 52' 21.08", W078° 47' 00.03"	9.0 W	130	H	IFPA	NO	Enabled	11.6 %	11.6 %
12	PSK	N37° 05' 15.74", W080° 42' 46.44"	6.0 W	130	H	IFPA	NO	Enabled	22.3 %	22.3 %
13	IRQ	N33° 42' 26.47", W082° 09' 43.43"	4.0 W	130	H	IFPA	NO	Enabled	65.8 %	65.8 %

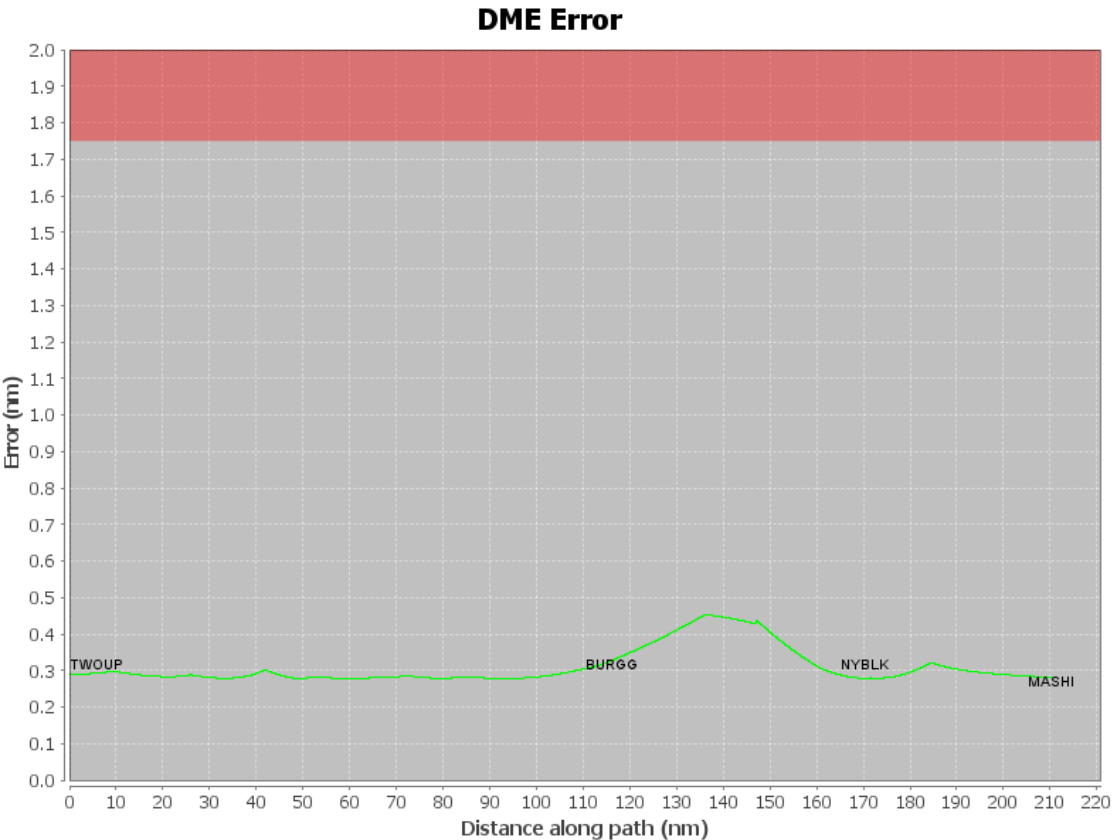
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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	RMG	ODF	MCN	ATL	GRD	IRQ
38.0	GRD	ODF	ATL	IRQ	SPA	RMG
41.1	GRD	ODF	ATL	SPA	IRQ	
65.5	SPA	IRQ	GRD	ODF		
75.7	GRD	SPA	IRQ	ODF	BZM	
105.1	GRD	ODF	IRQ	BZM		
119.1	GRD	ODF	IRQ	SPA	BZM	
119.9	GRD	ODF	IRQ	BZM		
129.4	GRD	ODF	IRQ	BZM	GSO	
138.4	BZM	ODF	GRD	GSO		
145.9	BZM	GSO				
151.7	BZM	GSO	SPA			
161.1	BZM	GSO	SPA	GRD		
163.2	BZM	GSO	SPA	PSK	GRD	
172.6	BZM	SPA	GSO	PSK		
185.8	PSK	BZM	SPA	GSO	RDU	

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
TWOUP	BURGG	ODF, GQO, BZM, SPA, GRD, LGC, MCN, ATL, IRQ, RMG
BURGG	NYBLK	ODF, GSO, BZM, SPA, GRD, IRQ, PSK
NYBLK	MASHI	GSO, RDU, BZM, SPA, GRD, PSK

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



DME DME Assessment Results for Q22 path TWOUP_MASHI

Graphic Depiction 1



DME DME Assessment Results for Q22 path TWOUP_MASHI

Graphic Depiction 2

