

DME DME Assessment Results for Q149 path BURGG_DJB

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Steve CTR Jubb
Project File:	C:\RNAV project tgs files and docs\Current Work\SPA Relocation routes\23-ASO-34 (10-31-2024)\Q182 renamed Q149\Q149 NEW 2401123sj.tgs
Output File:	C:\RNAV project tgs files and docs\Current Work\SPA Relocation routes\23-ASO-34 (10-31-2024)\Q182 renamed Q149\Q149 20240104_1421 EST\Q149 20240123_1709 EST\BURGG_DJB\Q149 RNAV ROUTE BURGG DJB 20240123_1709 EST.pdf
Procedure Name:	Q149
Software: DmeDmePlugin:	7.2.1
Date/Time:	01/23/2024 17:09 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

SOME WAYPOINTS WERE REMOVED (SEGMENTS WITH TURNS OF LESS THAN ONE DEGREE) TO MATCH THE LEGAL DISCRIPTION.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BURGG	WP	N35° 02' 00.55", W081° 55' 36.86"	18000	VNAV	240	FLY_BY	TF
APE	WP	N40° 09' 03.83", W082° 35' 17.88"	18000	VNAV	240	FLY_BY	TF
DJB	WP	N41° 21' 29.03", W082° 09' 43.09"	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, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	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

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DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ZZV	N39° 56' 27.09", W081° 53' 33.37"	6.0 W	130	H	IFPA	NO	Enabled	48.1 %	48.1 %
2	CXR	N41° 31' 00.94", W081° 09' 47.47"	5.0 W	130	DH	IFPA	NO	Enabled	27.3 %	27.3 %
3	DXO	N42° 12' 47.29", W083° 21' 59.99"	6.0 W	130	H	IFPA	NO	Enabled	9.5 %	9.4 %
4	SPA	N35° 02' 01.05", W081° 55' 37.24"	2.0 W	130	H	IFPA	NO	Enabled	24 %	24 %
5	CRL	N42° 02' 52.90", W083° 27' 27.26"	3.0 W	130	DH	IFPA	NO	Enabled	21.9 %	21.9 %
6	JXN	N42° 15' 33.26", W084° 27' 30.78"	0.0 E	130	DH	IFPA	NO	Enabled	7.8 %	7.8 %
7	ROD	N40° 17' 16.08", W084° 02' 35.15"	5.0 W	130	H	IFPA	NO	Enabled	30.9 %	30.9 %
8	CTF	N34° 39' 01.79", W080° 16' 29.70"	3.0 W	130	DH	IFPA	NO	Enabled	18.2 %	18.2 %
9	HVQ	N38° 20' 58.83", W081° 46' 11.69"	3.0 W	130	H	IFPA	NO	Enabled	46.5 %	46.5 %
10	CAE	N33° 51' 26.10", W081° 03' 14.05"	2.0 W	130	H	IFPA	NO	Enabled	4.5 %	4.5 %
11	VXV	N35° 54' 17.42", W083° 53' 40.99"	3.0 W	130	H	IFPA	NO	Enabled	17.9 %	17.9 %
12	BZM	N35° 52' 07.87", W081° 14' 25.90"	6.0 W	130	H	IFPA	NO	Enabled	35.8 %	35.8 %
13	APE	N40° 09' 03.83", W082° 35' 17.88"	6.0 W	130	H	IFPA	NO	Enabled	43.9 %	43.9 %
14	EWC	N40° 49' 29.76", W080° 12' 41.56"	8.0 W	130	H	IFPA	NO	Enabled	7.5 %	7.5 %
15	AIR	N40° 00' 59.78", W080° 49' 01.94"	7.0 W	130	H	IFPA	NO	Enabled	35.7 %	35.7 %
16	DJB	N41° 21' 29.03", W082° 09' 43.09"	5.0 W	130	DH	IFPA	NO	Enabled	4.3 %	4.3 %
17	LOZ	N37° 01' 59.34", W084° 06' 36.27"	3.0 W	130	H	IFPA	NO	Enabled	14.3 %	14.3 %
18	AHN	N33° 56' 51.34", W083° 19' 29.13"	0.0 E	130	H	IFPA	NO	Enabled	0.8 %	0.8 %
19	FLM	N38° 38' 57.99", W084° 18' 38.17"	4.0 W	130	DH	IFPA	NO	Enabled	46.7 %	46.7 %
20	ODF	N34° 41' 45.14", W083° 17' 51.58"	0.0 E	130	H	IFPA	NO	Enabled	14.3 %	14.3 %
21	PSK	N37° 05' 15.67", W080° 42' 46.38"	6.0 W	130	H	IFPA	NO	Enabled	35 %	35.1 %
22	IRQ	N33° 42' 26.47", W082° 09' 43.43"	4.0 W	130	H	IFPA	NO	Enabled	5 %	5 %
23	BKW	N37° 46' 49.08", W081° 07' 24.44"	6.0 W	130	DH	IFPA	NO	Enabled	49.6 %	49.6 %
24	HNN	N38° 45' 14.85", W082° 01' 34.20"	-0.0 E	130	H	IFPA	NO	Enabled	51 %	51 %

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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SPA	CTF	ODF	CAE	BZM	IRQ
17.1	ODF	SPA	CTF	BZM	IRQ	
19.2	ODF	SPA	CTF	BZM		
28.1	SPA	BZM	VXV	ODF	CTF	
55.0	SPA	BZM	VXV	PSK	CTF	
69.8	SPA	VXV	PSK	BZM		
86.4	PSK	BZM	BKW	VXV	SPA	
92.2	PSK	BZM	BKW	VXV		
96.6	PSK	BZM	BKW			
102.1	BZM	BKW	PSK	HVQ		
103.3	BZM	BKW	PSK	HVQ	LOZ	
137.3	HVQ	PSK	HNN	LOZ	BKW	
158.2	BKW	HNN	HVQ	PSK	FLM	
173.4	BKW	HNN	PSK	FLM		
184.4	BKW	HNN	FLM			
185.2	BKW	HNN	FLM	HVQ		
198.8	BKW	HNN	HVQ	ZZV	FLM	
276.4	ZZV	HNN	AIR	APE	HVQ	ROD
292.0	APE	ZZV	HNN	AIR	ROD	CXR
305.0	ROD	HNN	AIR	ZZV	CXR	FLM
317.1	ROD	APE	ZZV	AIR	CXR	HNN
320.2	ROD	APE	AIR	ZZV	CXR	CRL
370.5	CXR	ZZV	DXO	CRL	APE	EWC

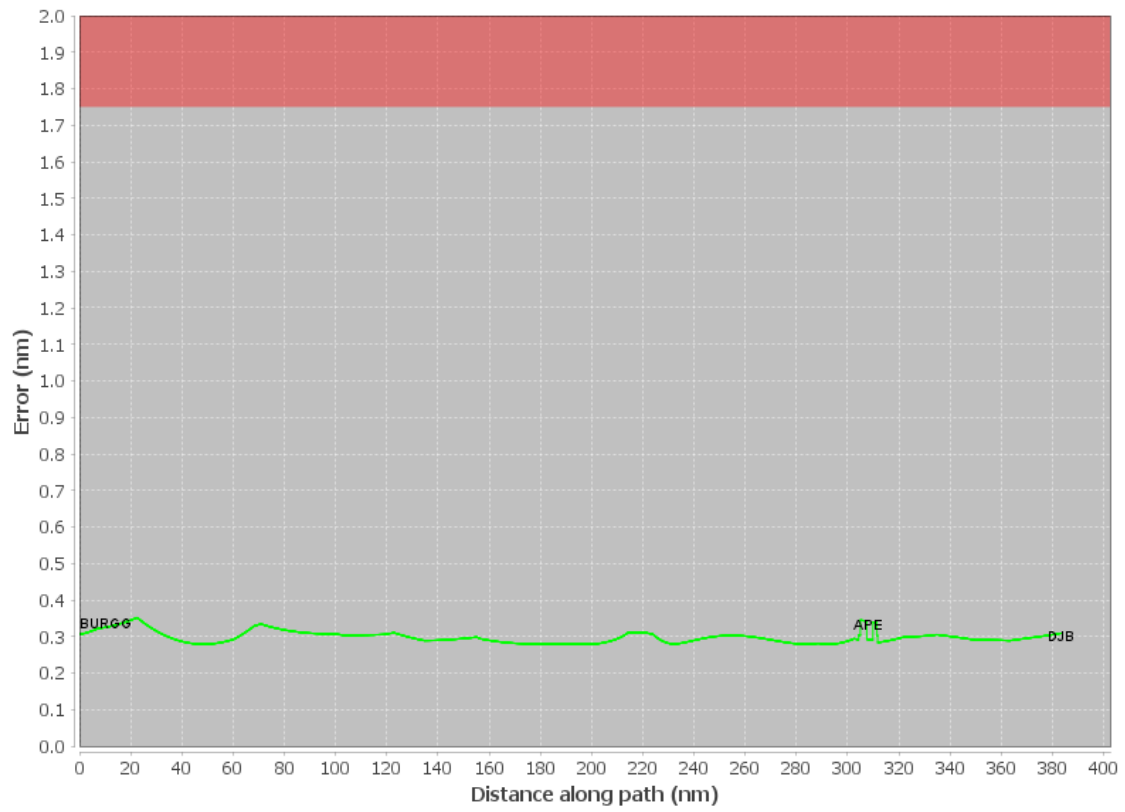
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BURGG	APE	HVQ, SPA, CAE, FLM, ROD, AHN, IRQ, PSK, HNN, AIR, BKW, ODF, CTF, BZM, VXV, LOZ, APE, ZZV, CXR, CRL, DJB	
APE	DJB	EWC, JXN, ROD, FLM, APE, ZZV, HNN, AIR, DXO, CXR, CRL, DJB	

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

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DME Error



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Graphic Depiction 1

