

DME DME Assessment Results for Q64 path CATLN_KALDA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\11-27-2025 PUBLICATION\Q64\Q64 AMEND DME-DME 20250429.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\11-27-2025 PUBLICATION\Q64\Q64 20250428_1459 EDT\CATLN_KALDA\Q64 RNAV ROUTE CATLN KALDA 20250428_1459 EDT.pdf
Procedure Name:	Q64
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/28/2025 14:59 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
CATLN	WP	N31° 18' 26.0300", W087° 34' 47.7500"	18000	VNAV	240	FLY_BY	TF
DARRL	WP	N34° 47' 49.4700", W081° 03' 21.6200"	18000	VNAV	240	FLY_BY	TF
TYI	WP	N35° 58' 36.2050", W077° 42' 13.4340"	18000	VNAV	240	FLY_BY	TF
GUILD	WP	N36° 18' 49.5600", W077° 14' 59.9600"	18000	VNAV	240	FLY_BY	TF
SAWED	WP	N37° 32' 00.7300", W075° 51' 29.1000"	18000	VNAV	240	FLY_BY	TF
KALDA	WP	N37° 50' 31.0600", W075° 37' 35.3400"	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:	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

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DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	H		NO	Enabled	22.1 %	22.1 %
2	SPA	N35° 02' 01.0532", W081° 55' 37.2360"	2.0 W	130	H		NO	Enabled	25.4 %	25.4 %
3	AHN	N33° 56' 51.3369", W083° 19' 29.1316"	0.0 E	130	DH		NO	Enabled	35.9 %	35.9 %
4	FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	H		NO	Enabled	22 %	22 %
5	IRQ	N33° 42' 26.4720", W082° 09' 43.4320"	4.0 W	130	H		NO	Enabled	26.4 %	26.4 %
6	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	11.6 %	11.6 %
7	HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	130	H		NO	Enabled	23.7 %	23.7 %
8	ODF	N34° 41' 45.1420", W083° 17' 51.5800"	0.0 E	130	H		NO	Enabled	23 %	23 %
9	LDK	N33° 15' 31.9447", W087° 32' 12.7932"	3.0 W	130	H		NO	Enabled	3.8 %	3.8 %
10	SJI	N30° 43' 33.5277", W088° 21' 33.4584"	5.0 E	130	H		NO	Enabled	6.5 %	6.5 %
11	GSO	N36° 02' 44.4948", W079° 58' 34.9356"	3.0 W	130	H		NO	Enabled	24 %	24 %
12	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H		NO	Enabled	27.9 %	27.9 %
13	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	25.7 %	25.7 %
14	CAE	N33° 51' 26.0995", W081° 03' 14.0501"	2.0 W	130	H		NO	Enabled	24.2 %	24.2 %
15	GSU	N33° 38' 00.8300", W084° 24' 43.8800"	0.0 E	130	DH		NO	Enabled	35.1 %	35.1 %
16	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	27.2 %	27.2 %
17	LGC	N33° 02' 56.8276", W085° 12' 22.3972"	1.0 E	130	H		NO	Enabled	27 %	27 %
18	RMG	N34° 09' 45.2341", W085° 07' 09.8661"	1.0 E	130	H		NO	Enabled	17.5 %	17.5 %
19	RIC	N37° 30' 08.4521", W077° 19' 12.9944"	9.0 W	130	H		NO	Enabled	21.7 %	21.8 %
20	SIE	N39° 05' 43.8324", W074° 48' 01.2382"	9.0 W	130	H		NO	Enabled	2.1 %	2.1 %
21	MEI	N32° 22' 42.3805", W088° 48' 15.3629"	5.0 E	130	H		NO	Enabled	3.3 %	3.3 %
22	CVC	N33° 37' 52.4100", W083° 50' 54.0600"	0.0 E	130	H		NO	Enabled	27.4 %	27.4 %
23	FAK	N37° 31' 42.6340", W077° 49' 41.5890"	6.0 W	130	H		NO	Enabled	20 %	20 %
24	MGM	N32° 13' 20.2138", W086° 19' 11.0175"	3.0 E	130	H		NO	Enabled	25.5 %	25.5 %
25	CEW	N30° 49' 34.2255", W086° 40' 44.9158"	3.0 E	130	H		NO	Enabled	14.8 %	14.8 %
26	CTF	N34° 39' 01.7930", W080° 16' 29.6989"	3.0 W	130	DH		NO	Enabled	35.7 %	35.7 %
27	BZM	N35° 52' 07.8740", W081° 14' 25.9040"	6.0 W	130	H		NO	Enabled	20.2 %	20.2 %
28	GRD	N34° 15' 05.6380", W082° 09' 14.9360"	1.0 W	130	H		NO	Enabled	26 %	26 %
29	MCN	N32° 41' 28.2664", W083° 38' 49.8601"	0.0 E	130	H		NO	Enabled	25 %	25 %
30	GCV	N31° 05' 52.6550", W088° 29' 10.0640"	5.0 E	130	H		NO	Enabled	7.3 %	7.3 %
31	PZD	N31° 39' 18.7410", W084° 17' 35.1617"	2.0 W	130	DH		NO	Enabled	29.1 %	29.1 %

DME DME Assessment Results for Q64 path CATLN_KALDA

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CEW	SJI	MEI	MGM	GCV	
23.6	CEW	MGM	GCV	SJI		
40.9	CEW	GCV	MGM	SJI	LDK	
47.1	CEW	GCV	LDK	MGM	PZD	
48.9	CEW	GCV	MGM	PZD		
52.7	CEW	PZD	MGM			
58.1	LDK	MGM	CEW	PZD		
61.3	LDK	MGM	CEW	PZD	LGC	
77.7	MGM	PZD	CEW	LGC		
84.9	LGC	MGM	CEW	PZD	GSU	
106.6	LGC	PZD	GSU	MGM		
123.4	LGC	PZD	GSU	MGM	MCN	
183.3	LGC	GSU	MCN	CVC	PZD	RMG
255.3	ODF	GSU	CVC	AHN	IRQ	MCN
303.0	GRD	IRQ	ODF	SPA	CVC	CAE
320.4	SPA	CAE	AHN	IRQ	ODF	CVC
333.5	ODF	IRQ	SPA	CAE	AHN	GRD
374.7	SPA	IRQ	BZM	CTF	CAE	GRD
404.0	SPA	CAE	CTF	GSO	GRD	BZM
426.1	SPA	CTF	GSO	FLO	RDU	BZM
450.5	BZM	CTF	FLO	RDU	GSO	
483.0	GSO	CTF	RDU	TYI	ILM	FLO
517.1	RDU	TYI	ILM	CTF	GSO	ECG
548.5	ILM	RDU	TYI	ECG	GSO	
554.7	ILM	RDU	TYI	ECG	HPW	
562.1	ILM	RDU	FAK	HPW	ECG	ORF
565.3	RDU	FAK	RIC	ECG	HPW	ORF
620.2	ORF	RIC	TYI	FAK	HPW	ECG
633.8	TYI	FAK	ORF	HPW	RIC	
668.6	HPW	ECG	ORF	RIC	FAK	
703.2	ECG	RIC	ORF	HPW		
704.1	ECG	RIC	ORF	HPW	SIE	

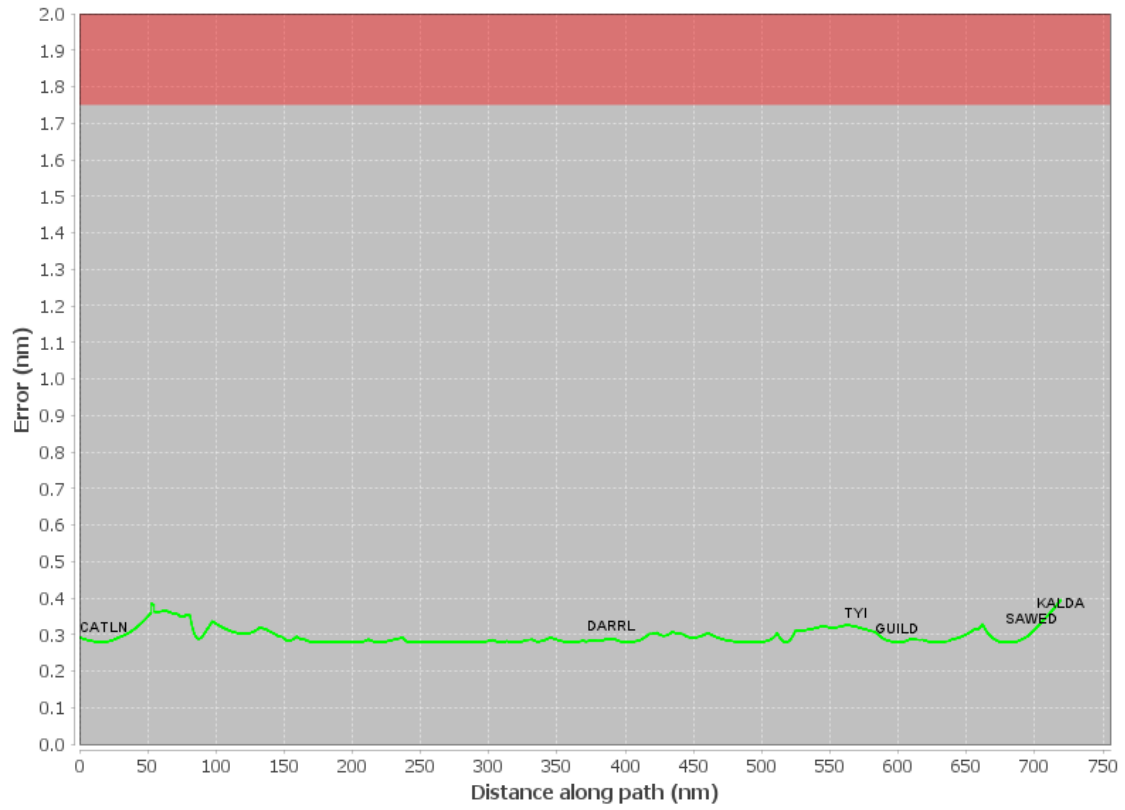
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CATLN	DARRL	GSO, SPA, CAE, AHN, GSU, FLO, LGC, IRQ, RMG, MEI, ODF, CVC, MGM, LDK, SJI, CEW, CTF, BZM, GRD, MCN, GCV, PZD	
DARRL	TYI	GSO, RDU, ORF, SPA, TYI, CAE, AHN, FLO, ECG, IRQ, ILM, RIC, HPW, FAK, BZM, CTF, GRD	
TYI	GUILD	FAK, ORF, RDU, TYI, ECG, RIC, HPW	
GUILD	SAWED	FAK, ORF, RDU, TYI, ECG, RIC, HPW	
SAWED	KALDA	FAK, ORF, ECG, RIC, HPW, SIE	

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

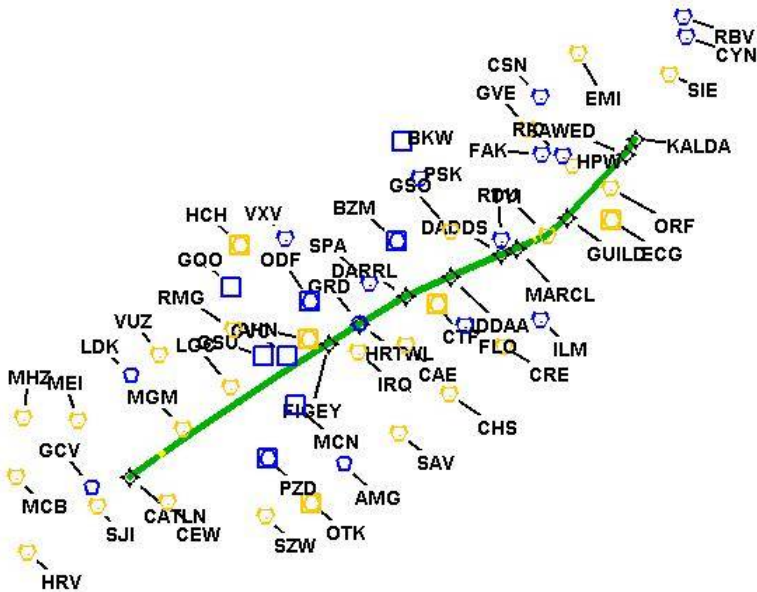
DME DME Assessment Results for Q64 path CATLN_KALDA

DME Error

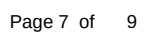


DME DME Assessment Results for Q64 path CATLN_KALDA

Graphic Depiction 1

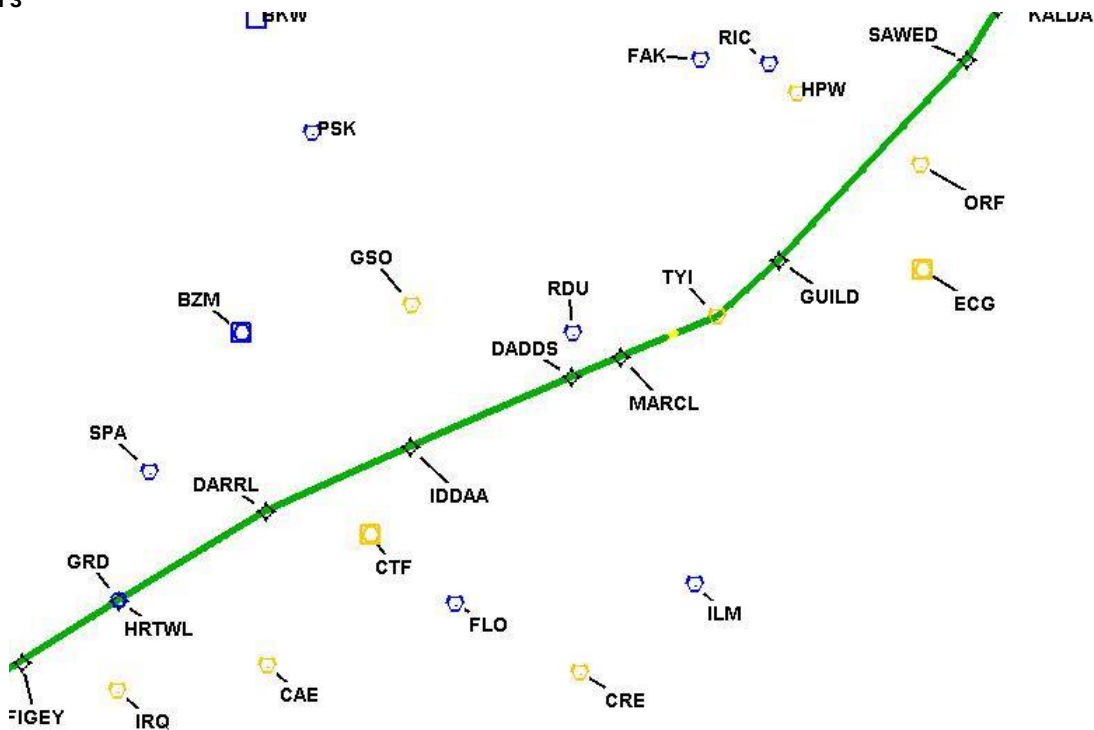


Graphic Depiction 2



DME DME Assessment Results for Q64 path CATLN_KALDA

Graphic Depiction 3



DME DME Assessment Results for Q64 path CATLN_KALDA

Graphic Depiction 4

