

DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for THUMB1 path GOETS_CCC

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Desktop\KBDL THUMB1 (RNAV) SID_20240822.tgs
Output File:	C:\Users\David C-CTR Cook\Desktop\KBDL [IFPA] THUMB1 20240822_1152 EDT\GOETS_CCC\KBDL THUMB1 SID GOETS CCC 20240822_1152 EDT.pdf
Procedure Name:	THUMB1
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/22/2024 11:52 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
GOETS	WP	N41° 42' 12.6549", W072° 36' 52.3726"	0	VNAV	200	FLY_BY	TF
THUMB	WP	N41° 31' 23.9600", W072° 21' 31.8000"	3000	VNAV	200	FLY_BY	TF
NTMEG	WP	N41° 16' 30.7500", W072° 28' 52.0800"	3000	VNAV	200	FLY_BY	TF
CCC	WP	N40° 55' 46.6278", W072° 47' 55.8897"	3000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KBDL [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	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	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H	IFPA	NO	Enabled		
2	GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	T	IFPA	NO	Enabled		
3	PVD	N41° 43' 27.6334", W071° 25' 46.7078"	14.0 W	130	DH	IFPA	NO	Enabled		
4	CEF	N42° 11' 51.1596", W072° 31' 34.7338"	14.0 W	40	L	IFPA	NO	Enabled		
5	HVN	N41° 15' 44.3264", W072° 53' 06.6847"	0.0 E	25	T	IFPA	NO	Enabled		
6	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	40	L	IFPA	NO	Enabled		
7	DPK	N40° 47' 30.3601", W073° 18' 13.2386"	12.0 W	40	L	IFPA	NO	Enabled		
8	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L	IFPA	NO	Enabled		
9	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	40	L	IFPA	NO	Enabled		
10	MPV	N44° 05' 07.7171", W072° 26' 57.7073"	16.0 W	130	DH	IFPA	NO	Enabled		
11	BDR	N41° 09' 38.5404", W073° 07' 28.1507"	12.0 W	40	L	IFPA	NO	Enabled		
12	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H	IFPA	NO	Enabled		
13	MAD	N41° 18' 49.9000", W072° 41' 31.9300"	13.0 W	40	L	IFPA	NO	Enabled		
14	BAF	N42° 09' 43.0527", W072° 42' 58.3182"	14.0 W	40	L	IFPA	NO	Enabled		
15	HTO	N40° 55' 08.3846", W072° 19' 00.1357"	13.0 W	130	H	IFPA	NO	Enabled		

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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
5.0	BYT [IFPA]	ORW [IFPA]				
5.3	CEF [IFPA]	ORW [IFPA]	BYT [IFPA]	BDR [IFPA]	BAF [IFPA]	MPV [IFPA]
5.7	MAD [IFPA]	ORW [IFPA]	CEF [IFPA]	BYT [IFPA]	BDR [IFPA]	BAF [IFPA]
5.8	MAD [IFPA]	ORW [IFPA]	CEF [IFPA]	BYT [IFPA]		
6.1	MAD [IFPA]	ORW [IFPA]	CEF [IFPA]	BYT [IFPA]	BDR [IFPA]	BAF [IFPA]
6.6	CEF [IFPA]	ORW [IFPA]	MAD [IFPA]	BYT [IFPA]		
6.8	CEF [IFPA]	ORW [IFPA]	MAD [IFPA]	BYT [IFPA]	BDR [IFPA]	BAF [IFPA]
6.9	CEF [IFPA]	ORW [IFPA]	BYT [IFPA]			
7.4	CEF [IFPA]	ORW [IFPA]	MAD [IFPA]	BYT [IFPA]		
7.9	MAD [IFPA]	HFD [IFPA]	BYT [IFPA]	PUT [IFPA]	CEF [IFPA]	ORW [IFPA]
7.9	CEF [IFPA]	ORW [IFPA]	MAD [IFPA]	BYT [IFPA]		
8.1	MAD [IFPA]	HFD [IFPA]	BYT [IFPA]	PUT [IFPA]	CEF [IFPA]	ORW [IFPA]
8.1	CEF [IFPA]	ORW [IFPA]	MAD [IFPA]	BYT [IFPA]		
8.5	MAD [IFPA]	HFD [IFPA]	CEF [IFPA]	ORW [IFPA]	BYT [IFPA]	
10.9	MAD [IFPA]	HFD [IFPA]	BYT [IFPA]	PUT [IFPA]	BAF [IFPA]	ORW [IFPA]
12.0	MAD [IFPA]	HFD [IFPA]	PUT [IFPA]	BYT [IFPA]	ORW [IFPA]	
19.9	MAD [IFPA]	HFD [IFPA]	GON [IFPA]	CCC [IFPA]	BYT [IFPA]	PVD [IFPA]
22.2	BYT [IFPA]	ORW [IFPA]	HFD [IFPA]	BDR [IFPA]	MAD [IFPA]	GON [IFPA]
27.9	HVN [IFPA]	HFD [IFPA]	HTO [IFPA]	BDR [IFPA]	MAD [IFPA]	GON [IFPA]
35.3	MAD [IFPA]	CCC [IFPA]	HFD [IFPA]	BDR [IFPA]	HVN [IFPA]	HTO [IFPA]
50.6	HVN [IFPA]	DPK [IFPA]	BDR [IFPA]	CCC [IFPA]	HTO [IFPA]	MAD [IFPA]
53.9	HTO [IFPA]	MAD [IFPA]	HVN [IFPA]	DPK [IFPA]	BDR [IFPA]	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N41° 42' 10.3824", W072° 36' 49.1335"	N41° 38' 45.7526", W072° 31' 57.8782"	4.9853

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
GOETS	THUMB	PUT [IFPA], GON [IFPA], PVD [IFPA], ORW [IFPA], CEF [IFPA], BYT [IFPA], MPV [IFPA], BDR [IFPA], MAD [IFPA], BAF [IFPA], HFD [IFPA], HTO [IFPA]	
THUMB	NTMEG	GON [IFPA], PVD [IFPA], PUT [IFPA], ORW [IFPA], HVN [IFPA], BYT [IFPA], CCC [IFPA], BDR [IFPA], MAD [IFPA], HFD [IFPA], HTO [IFPA]	
NTMEG	CCC	GON [IFPA], ORW [IFPA], HVN [IFPA], DPK [IFPA], CCC [IFPA], BDR [IFPA], MAD [IFPA], HFD [IFPA], HTO [IFPA]	

DME DME Assessment Results for THUMB1 path GOETS_CCC

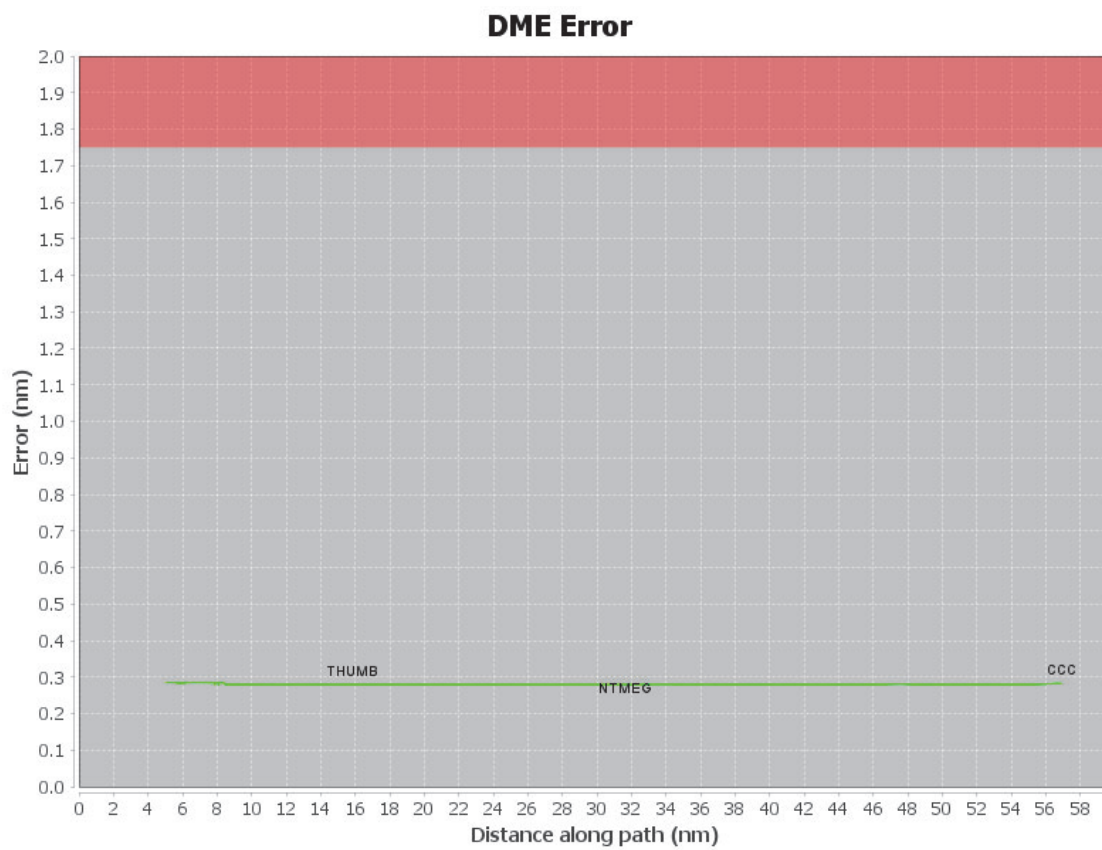
User Data Files

#	File Name
None	

User DMEs

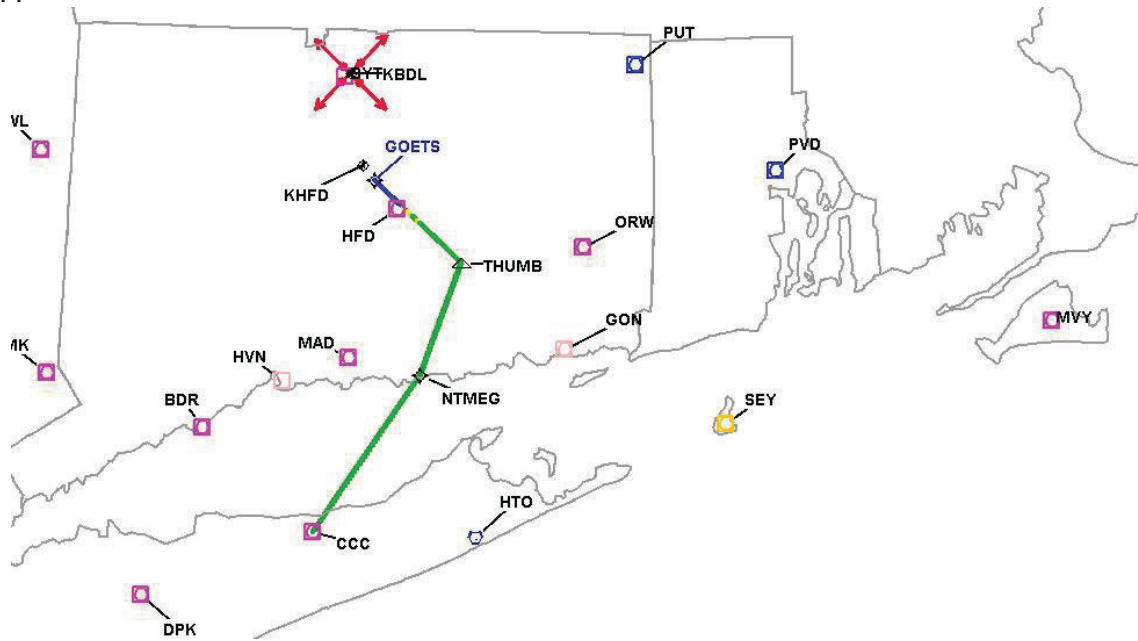
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for THUMB1 path GOETS_CCC



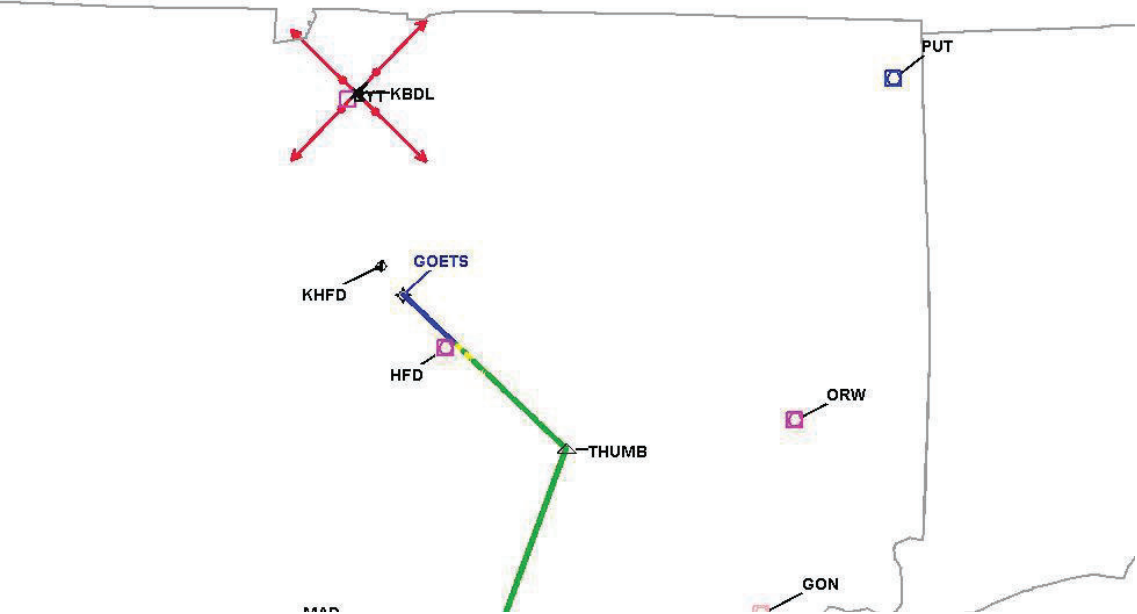
DME DME Assessment Results for THUMB1 path GOETS_CCC

Graphic Depiction 1



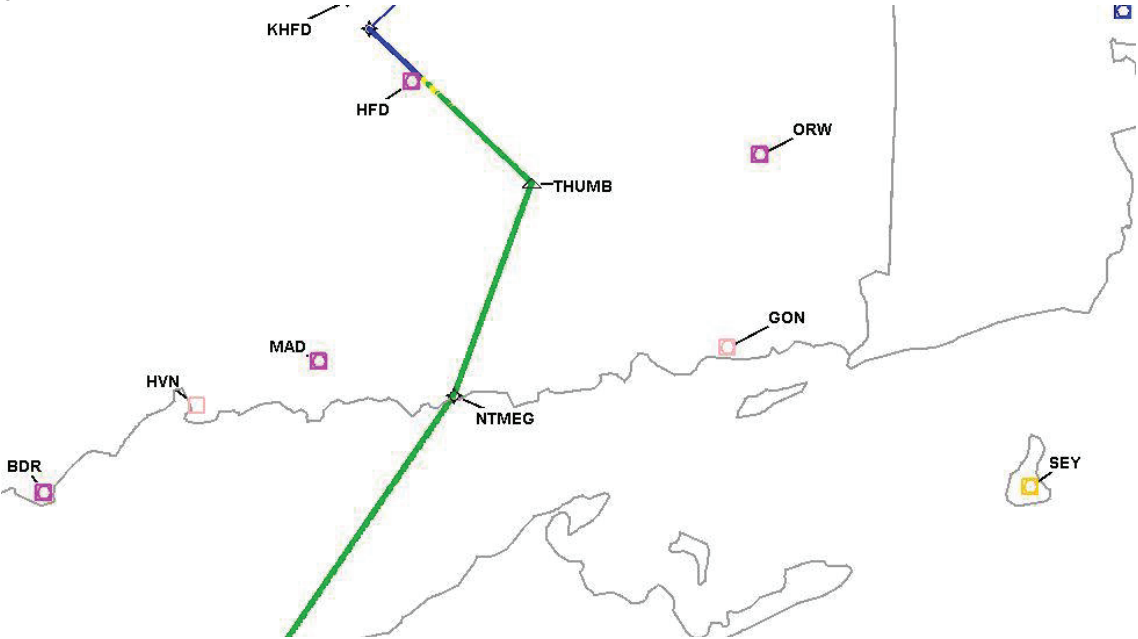
DME DME Assessment Results for THUMB1 path GOETS_CCC

Graphic Depiction 2



DME DME Assessment Results for THUMB1 path GOETS_CCC

Graphic Depiction 3



DME DME Assessment Results for THUMB1 path GOETS_CCC

Graphic Depiction 4

