

DME DME Assessment Results for TEBOW2 path HILIS_TEBOW

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KJAX STARS\KJAX TEBOW (RNAV) STAR\KJAX TEBOW2 (RNAV) STAR DME 06 FEB 2024.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KJAX STARS\KJAX TEBOW (RNAV) STAR\FOR SUBMITTAL\DME\KJAX [IFPA] TEBOW2 20240206_1054 EST\HILIS_TEBOW\KJAX TEBOW2 RNAV STAR HILIS TEBOW 20240206_1054 EST.pdf
Procedure Name:	TEBOW2
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/06/2024 10:54 EST
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
HILIS	WP	N29° 40' 35.34", W082° 16' 47.35"	8000	VNAV	200	FLY_BY	TF
FABES	WP	N29° 51' 11.20", W082° 12' 08.33"	8000	VNAV	200	FLY_BY	TF
MCFIE	WP	N29° 59' 31.88", W082° 07' 47.83"	8000	VNAV	200	FLY_BY	TF
TEBOW	WP	N30° 05' 45.93", W082° 04' 32.70"	8000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KJAX [IFPA]
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:	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	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	93.5 %	93.5 %
2	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	IFPA	NO	Enabled	22.2 %	22.2 %
3	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
4	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	85.2 %	85.2 %
5	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	94.3 %	94.3 %
6	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	33.1 %	33.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CTY	OCF	TAY	OMN		
4.1	OMN	GNV	TAY	CTY	OCF	
9.1	TAY	CTY	OMN	GNV		
21.2	TAY	CRG	CTY	OMN	GNV	
21.7	OMN	GNV	CRG	CTY		
23.4	TAY	CRG	CTY	OMN	GNV	
25.8	TAY	CRG	OMN	GNV		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HILIS	FABES	OMN, OCF, CTY, TAY, GNV	
FABES	MCFIE	OMN, CTY, TAY, GNV	
MCFIE	TEBOW	OMN, CTY, CRG, TAY, GNV	

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User Data Files

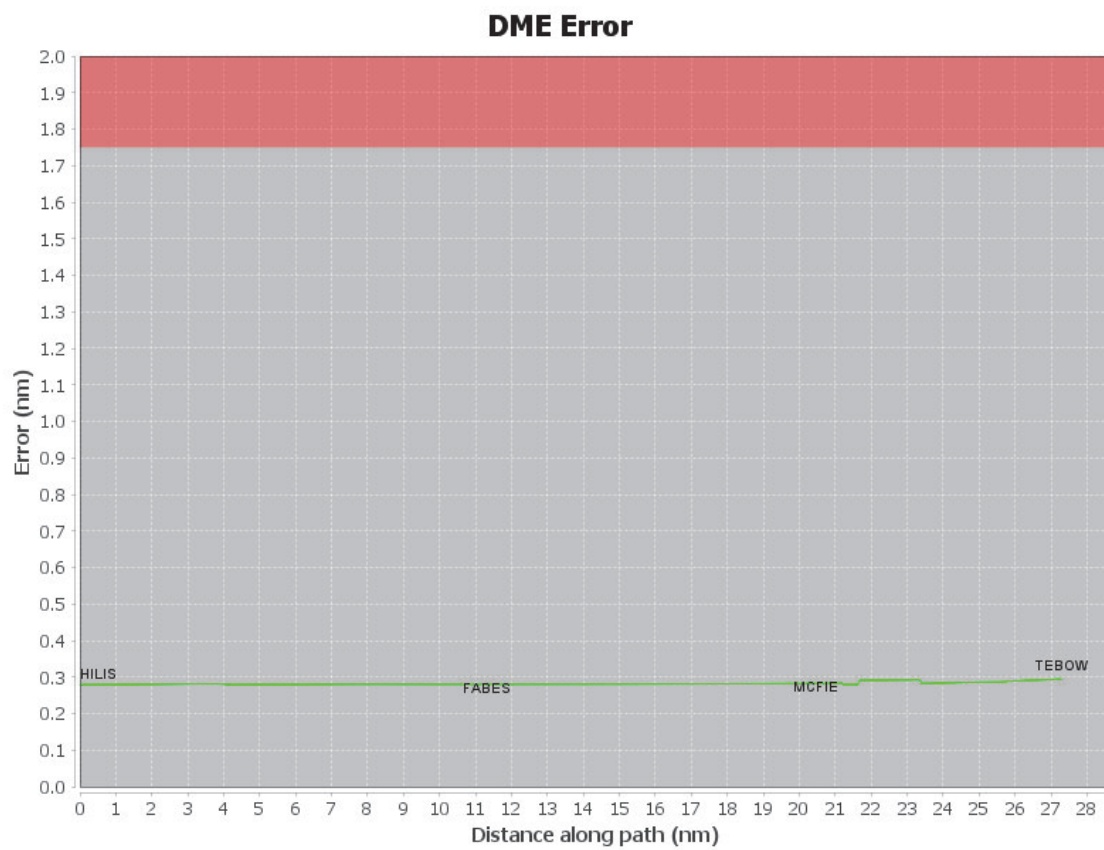
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User DMEs

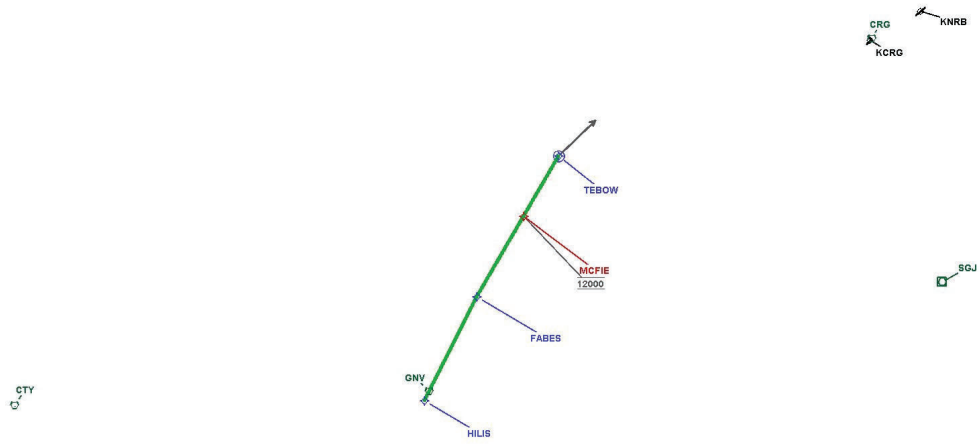
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
2	CTY FAA 704013-38 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-38	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 57.0° to 92.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
3	TAY FAA 720642-19 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-19	
ESV:		Bearing [True]: 140.0° to 170.0° Bearing [Mag]: 143.0° to 173.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		

DME DME Assessment Results for TEBOW2 path HILIS_TEBOW



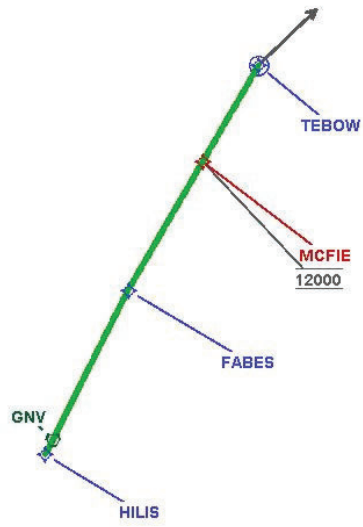
Graphic Depiction 1

DME DME Assessment Results for TEBOW2 path HILIS_TEBOW



DME DME Assessment Results for TEBOW2 path HILIS_TEBOW

Graphic Depiction 2



DME DME Assessment Results for TEBOW2 path MCFIE_HILIS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KJAX STARS\KJAX TEBOW (RNAV) STAR\KJAX TEBOW2 (RNAV) STAR DME 06 FEB 2024.tgs
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Procedure Name:	TEBOW2
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/06/2024 10:54 EST
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
MCFIE	WP	N29° 59' 31.88", W082° 07' 47.83"	8000	VNAV	200	FLY_BY	TF
FABES	WP	N29° 51' 11.20", W082° 12' 08.33"	8000	VNAV	200	FLY_BY	TF
HILIS	WP	N29° 40' 35.34", W082° 16' 47.35"	8000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KJAX [IFPA]
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

DME DME Assessment Results for TEBOW2 path MCFIE_HILIS

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:	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	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	OMN	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
3	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	80.2 %	80.2 %
4	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
5	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	44.2 %	44.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	TAY	CTY	OMN	GNV		
11.4	TAY	CTY	OMN	GNV	OCF	
16.5	TAY	CTY	OCF	OMN		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MCFIE	FABES	OMN, CTY, TAY, GNV	
FABES	HILIS	OMN, OCF, CTY, TAY, GNV	

DME DME Assessment Results for TEBOW2 path MCFIE_HILIS

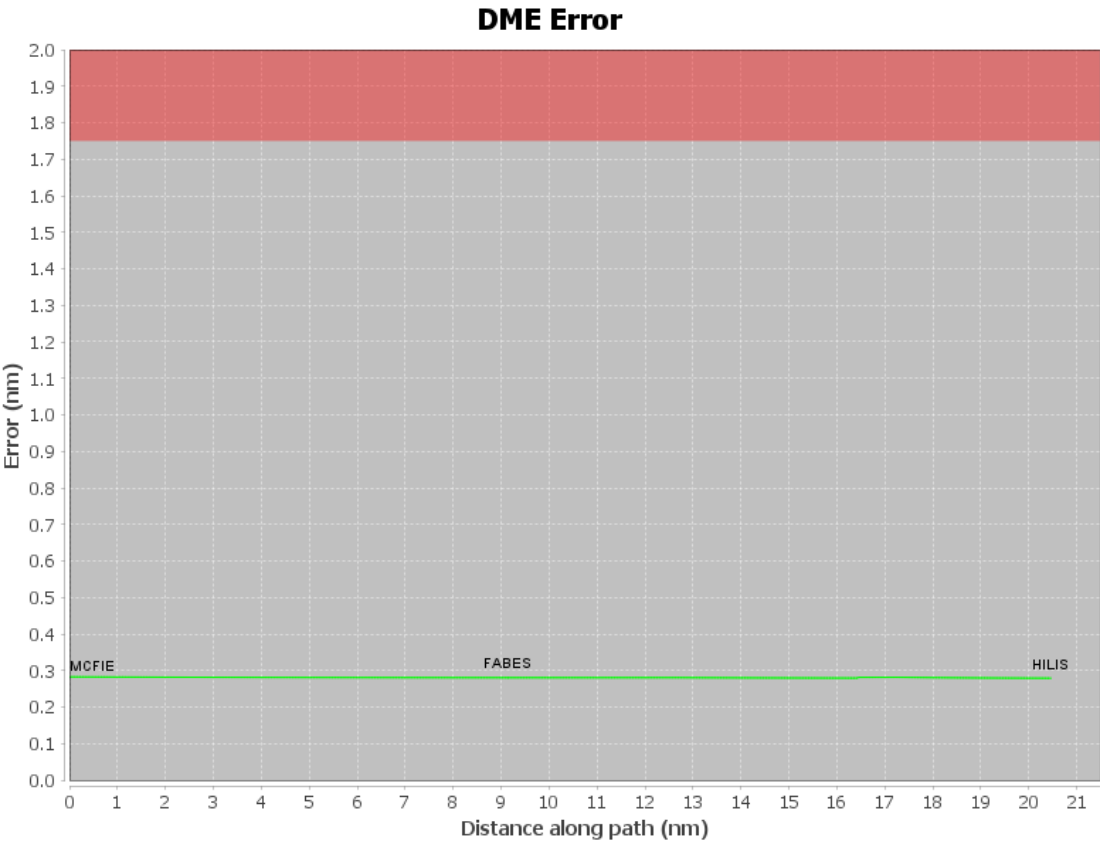
User Data Files

File Name

None

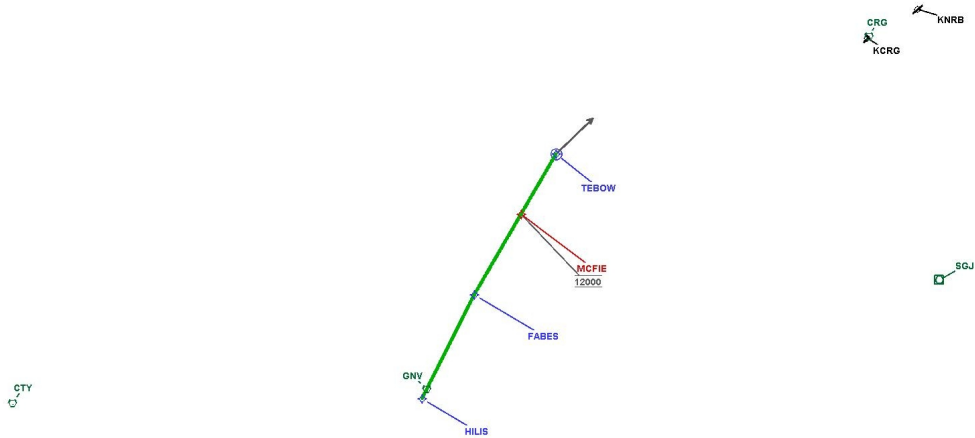
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
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ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 57.0° to 92.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
3	TAY FAA 720642-19 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-19	
ESV:		Bearing [True]: 140.0° to 170.0° Bearing [Mag]: 143.0° to 173.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		



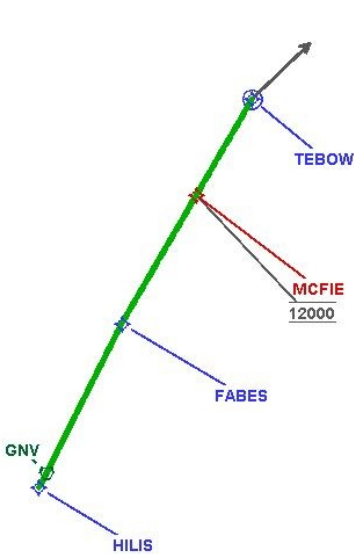
DME DME Assessment Results for TEBOW2 path MCFIE_HILIS

Graphic Depiction 1



DME DME Assessment Results for TEBOW2 path MCFIE_HILIS

Graphic Depiction 2



DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTY FAA 704013-38 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-38	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 57.0° to 92.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.70", W081° 06' 45.71"	0.0 E	130	24	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
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