

DME DME Assessment Results for PIEGY1 path EATIT_MUTWO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Joshua G-CTR Brechbi
Project File:	S:\530View\BUBBA\KCXO PIEGY STAR\KCXO PIEGY Chart 11-3-22 DME 20220608.tgs
Output File:	S:\530View\BUBBA\KCXO PIEGY STAR\DME\KCXO [IFPA] PIEGY1 20220608_1314 CDT\EATIT_MUTWO\KCXO PIEGY1 RNAV STAR EATIT MUTWO 20220608_1314 CDT.pdf
Procedure Name:	PIEGY1
Software: DmeDmePlugin:	6.5.0
Date/Time:	06/08/2022 13:14 CDT
Databases:	DTED Level 0 Max

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
EATIT	WP	N29° 33' 00.86", W096° 35' 02.04"	6000	VNAV	200	FLY_BY	TF
WHAEL	WP	N29° 39' 44.14", W096° 30' 17.06"	6000	VNAV	200	FLY_BY	TF
PIEGY	WP	N29° 59' 20.15", W096° 16' 21.58"	5000	VNAV	200	FLY_BY	TF
COWZZ	WP	N30° 04' 22.06", W096° 12' 46.04"	5000	VNAV	200	FLY_BY	TF
MUTWO	WP	N30° 16' 27.92", W096° 04' 06.80"	5000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCXO [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 PIEGY1 path EATIT_MUTWO

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:	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:	CWK,PSX

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VCT	N28° 54' 01.15", W096° 58' 44.16"	6.0 E	40	L	IFPA	NO	Enabled	15.5 %	15.5 %
2	IDU	N29° 57' 21.81", W096° 33' 43.90"	8.0 E	40	L	IFPA	NO	Enabled	100 %	100 %
3	ELA	N29° 39' 44.93", W096° 19' 01.64"	8.0 E	130	H	IFPA	NO	Enabled	95.8 %	95.8 %
4	SAT	N29° 38' 38.51", W098° 27' 40.74"	8.0 E	130	H	IFPA	NO	Enabled	15.5 %	15.5 %
5	TNV	N30° 17' 18.70", W096° 03' 29.66"	8.0 E	130	H	IFPA	NO	Enabled	35.4 %	35.4 %
6	CLL	N30° 36' 18.01", W096° 25' 14.45"	8.0 E	40	L	IFPA	NO	Enabled	1.1 %	1.1 %
7	CWK	N30° 22' 42.78", W097° 31' 47.45"	6.0 E	130	H	IFPA	NO	Disabled		
8	PSX	N28° 45' 51.93", W096° 18' 22.25"	8.0 E	130	H	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IDU	ELA	SAT	VCT		
7.9	IDU	ELA				
12.3	ELA	TNV	IDU			
18.8	IDU	TNV				
20.9	IDU	TNV	ELA			
30.4	IDU	ELA				
48.9	IDU	CLL	ELA			
49.6	IDU	ELA				

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

DME DME Assessment Results for PIEGY1 path EATIT_MUTWO

Available DMEs by Waypoints

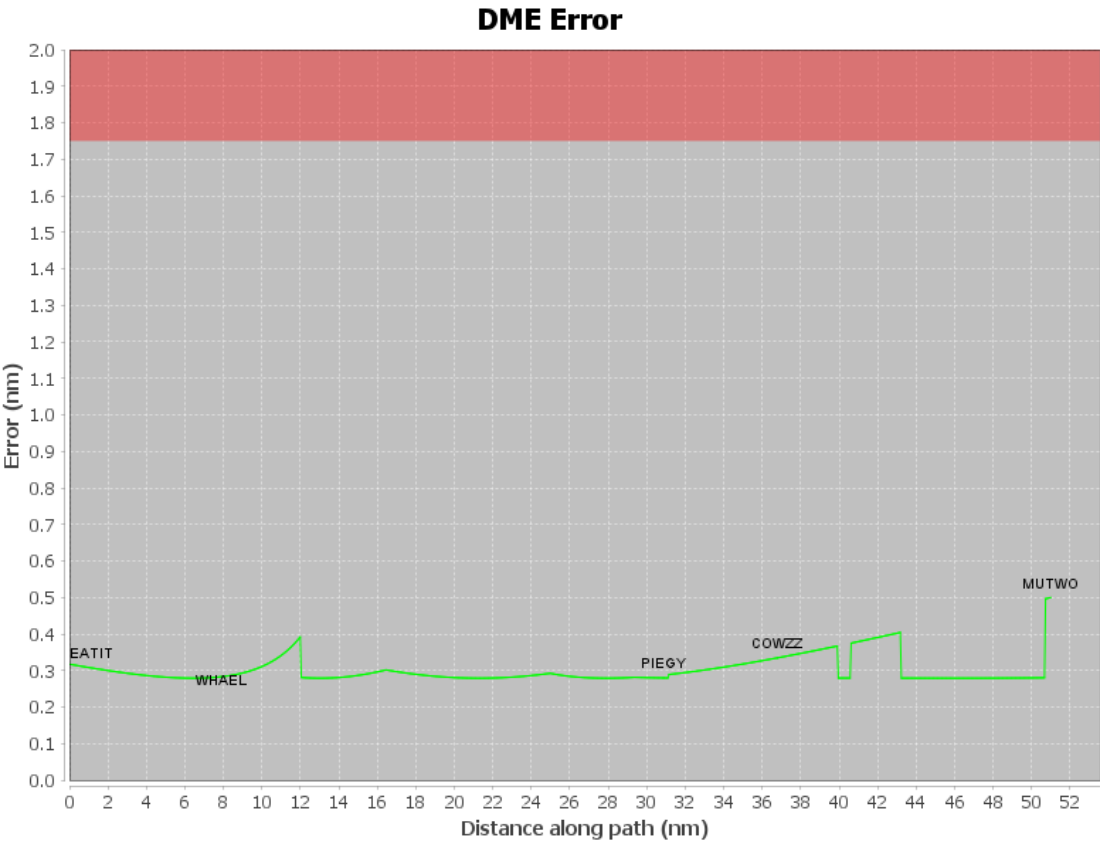
Waypoint Before	Waypoint After	DME List	Suggested DMEs
EATIT	WHAEL	VCT, SAT, IDU, ELA	
WHAEL	PIEGY	VCT, SAT, IDU, ELA, TNV	
PIEGY	COWZZ	IDU, ELA	
COWZZ	MUTWO	CLL, IDU, ELA	

User Data Files

#	File Name
1	UserDMEsKCXO [IFPA] PIEGY1 RNAV STAR_20220602_1004 CDT.udt

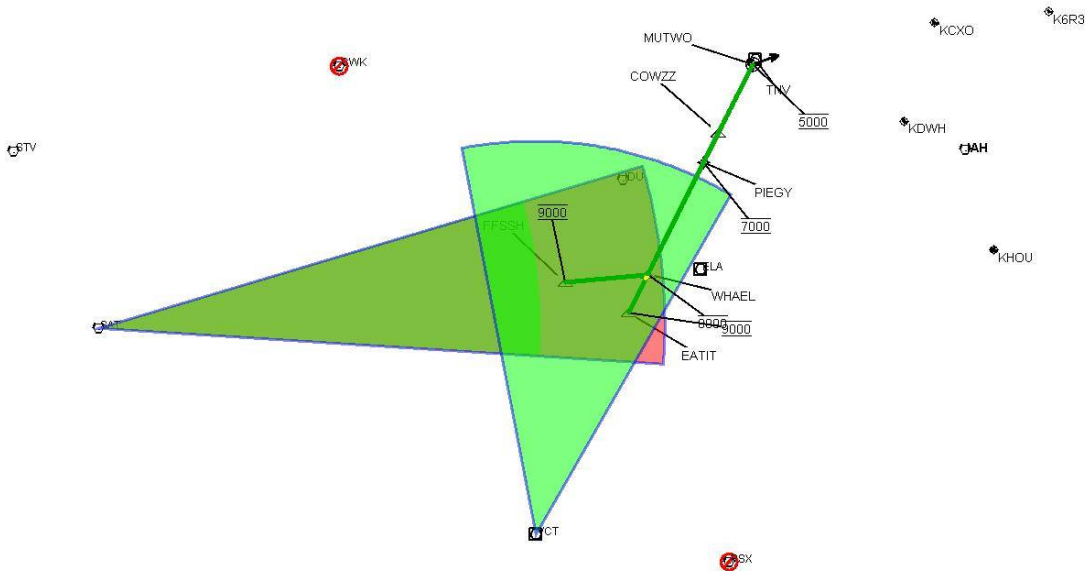
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	VCT FAA 981797-38 VCT [IFPA]	N28° 54' 01.15", W096° 58' 44.16"	6.0 E	40	124.6	109.0	VCT FAA 981797-38	
ESV:		Bearing [True]: 354.0 to 35.0 Bearing [Mag]: 348.0 to 29.0				Arc Distance: Out to 72.0 NM Altitude: 6000.0 to 18000.0 ft		
2	SAT FAA 698220 - 065 SAT [IFPA]	N29° 38' 38.51", W098° 27' 40.74"	8.0 E	130	1158.8	116.8	SAT FAA 698220 - 065	
ESV:		Bearing [True]: 78.0 to 98.0 Bearing [Mag]: 70.0 to 90.0				Arc Distance: Out to 105.0 NM Altitude: 5900.0 to 16000.0 ft		



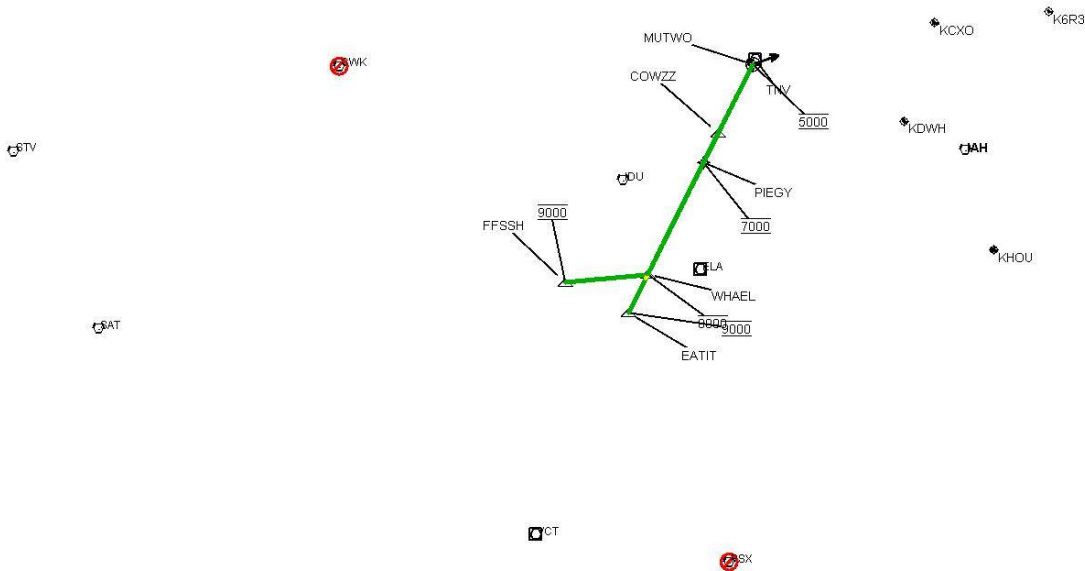
DME DME Assessment Results for PIEGY1 path EATIT_MUTWO

Graphic Depiction 1



DME DME Assessment Results for PIEGY1 path EATIT_MUTWO

Graphic Depiction 2



DME DME Assessment Results for PIEGY1 path FFSSH_WHAEL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Joshua G-CTR Brechbi
Project File:	S:\530View\BUBBA\KCXO PIEGY STAR\KCXO PIEGY Chart 11-3-22 DME 20220608.tgs
Output File:	S:\530View\BUBBA\KCXO PIEGY STAR\DME\KCXO [IFPA] PIEGY1 20220608_1314 CDT\FFSSH_WHAEL\KCXO PIEGY1 RNAV STAR FFSSH WHAEL 20220608_1314 CDT.pdf
Procedure Name:	PIEGY1
Software: DmeDmePlugin:	6.5.0
Date/Time:	06/08/2022 13:14 CDT
Databases:	DTED Level 0 Max

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
FFSSH	WP	N29° 39' 40.97", W096° 47' 59.82"	6000	VNAV	200	FLY_BY	TF
WHAEL	WP	N29° 39' 44.14", W096° 30' 17.06"	6000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCXO [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 PIEGY1 path FFSSH_WHAEL

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:	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:	CWK,PSX

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VCT	N28° 54' 01.15", W096° 58' 44.16"	6.0 E	40	L	IFPA	NO	Enabled	100 %	100 %
2	IDU	N29° 57' 21.81", W096° 33' 43.90"	8.0 E	40	L	IFPA	NO	Enabled	100 %	100 %
3	ELA	N29° 39' 44.93", W096° 19' 01.64"	8.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
4	SAT	N29° 38' 38.51", W098° 27' 40.74"	8.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
5	CWK	N30° 22' 42.78", W097° 31' 47.45"	6.0 E	130	H	IFPA	NO	Disabled		
6	PSX	N28° 45' 51.93", W096° 18' 22.25"	8.0 E	130	H	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	VCT	ELA	SAT	IDU		

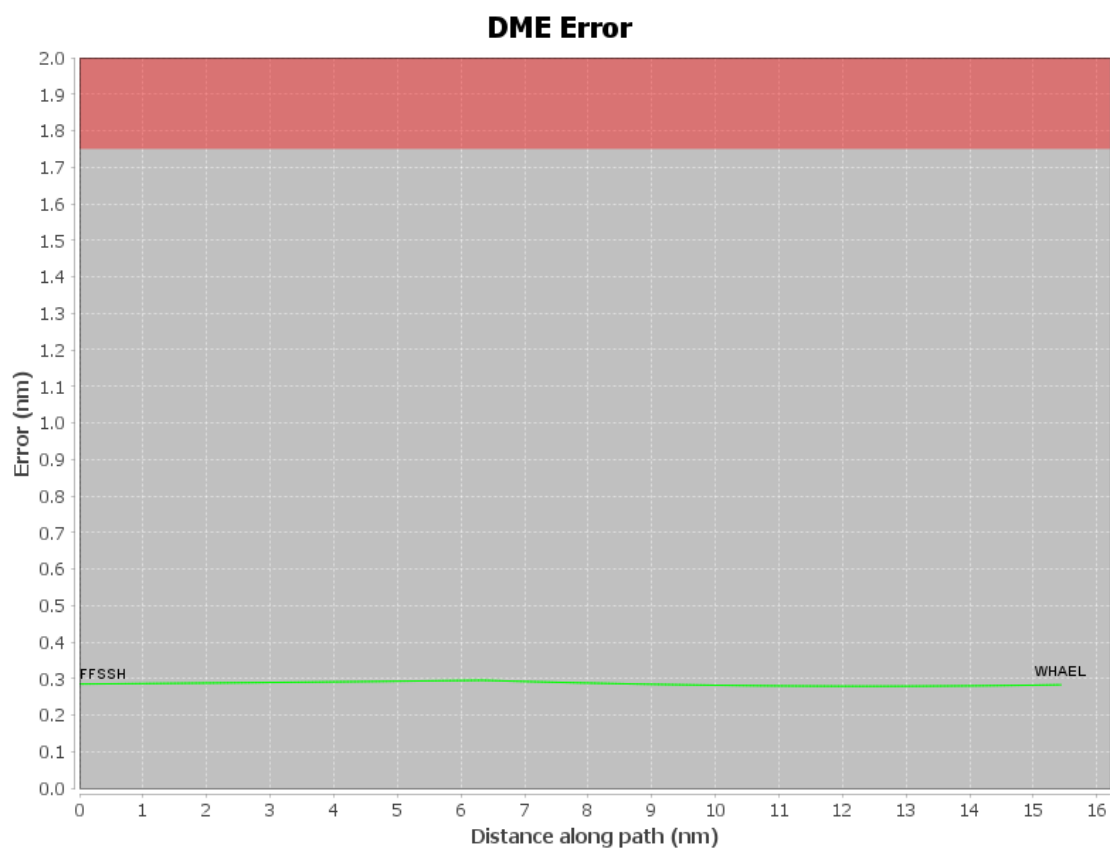
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
FFSSH	WHAEL	VCT, SAT, IDU, ELA	

DME DME Assessment Results for PIEGY1 path FFSSH_WHAEL

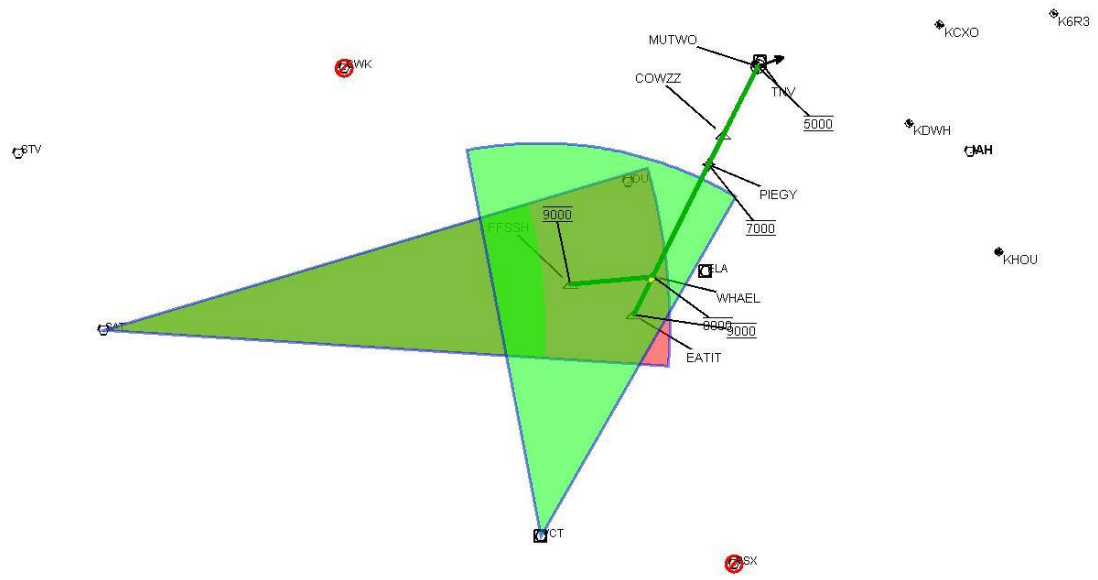
User Data Files								
#	File Name							
1	UserDMEsKCXO [IFPA] PIEGY1 RNAV STAR_20220602_1004 CDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	VCT FAA 981797-38 VCT [IFPA]	N28° 54' 01.15", W096° 58' 44.16"	6.0 E	40	124.6	109.0	VCT FAA 981797-38	
ESV:		Bearing [True]: 354.0 to 35.0 Bearing [Mag]: 348.0 to 29.0				Arc Distance: Out to 72.0 NM Altitude: 6000.0 to 18000.0 ft		
2	SAT FAA 698220 - 065 SAT [IFPA]	N29° 38' 38.51", W098° 27' 40.74"	8.0 E	130	1158.8	116.8	SAT FAA 698220 - 065	
ESV:		Bearing [True]: 78.0 to 98.0 Bearing [Mag]: 70.0 to 90.0				Arc Distance: Out to 105.0 NM Altitude: 5900.0 to 16000.0 ft		

DME DME Assessment Results for PIEGY1 path FFSSH_WHAEL



Graphic Depiction 1

DME DME Assessment Results for PIEGY1 path FFSSH_WHAEL



Graphic Depiction 2

