

DME DME Assessment Results for MMARY1 path DORPH_IIOOU

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\CO\ASE\33500 HAREI, LOYYD, MMARY STARs\SubPak\FPT\20240814 33500 ASE HAREI LOYYD MMARY STARs.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\CO\ASE\33500 HAREI, LOYYD, MMARY STARs\SubPak\FPT\MMARY\KASE [IFPA] MMARY1 20240814_1042 MDT\DORPH_IIOOU\KASE MMARY1 RNAV STAR DORPH IIOOU 20240814_1042 MDT.pdf
Procedure Name:	MMARY1
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 10:42 MDT
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
DORPH	WP	N39° 30' 15.31", W103° 13' 53.86"	17000	VNAV	280	FLY_BY	TF
CBAAS	WP	N39° 33' 00.95", W104° 04' 53.67"	17000	VNAV	280	FLY_BY	TF
BBEER	WP	N39° 35' 08.72", W104° 36' 14.31"	17000	VNAV	280	FLY_BY	TF
FLAWS	WP	N39° 38' 42.38", W105° 04' 54.37"	17000	VNAV	280	FLY_BY	TF
LYKKE	WP	N39° 40' 59.70", W105° 25' 09.16"	17000	VNAV	280	FLY_BY	TF
WIINE	WP	N39° 36' 36.40", W105° 41' 51.07"	17000	VNAV	280	FLY_BY	TF
SWNCN	WP	N39° 31' 51.87", W106° 04' 03.85"	17000	VNAV	280	FLY_BY	TF
MMARY	WP	N39° 32' 31.61", W106° 26' 01.81"	17000	VNAV	250	FLY_BY	TF
DBL	WP	N39° 26' 21.64", W106° 53' 40.85"	17000	VNAV	250	FLY_BY	TF
IIOOU	WP	N39° 28' 44.53", W107° 03' 37.01"	16000	VNAV	250	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KASE [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 MMARY1 path DORPH_IIOU

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DEN	N39° 48' 45.05", W104° 39' 38.66"	8.0 E	130	H	IFPA	NO	Enabled		
2	BJC	N39° 54' 46.94", W105° 08' 20.35"	11.0 E	130	DH	IFPA	NO	Enabled		
3	EKR	N40° 04' 02.79", W107° 55' 29.82"	9.0 E	130	DH	IFPA	NO	Enabled		
4	RIL	N39° 31' 41.96", W107° 43' 10.77"	10.0 E	40	L	IFPA	NO	Enabled		
5	RLG	N40° 00' 09.50", W106° 26' 32.96"	14.0 E	130	DH	IFPA	NO	Enabled		
6	DVV	N39° 53' 40.88", W104° 37' 27.61"	8.0 E	130	H	IFPA	NO	Enabled		
7	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH	IFPA	NO	Enabled		
8	BRK	N38° 56' 40.24", W104° 38' 00.48"	8.0 E	130	DH	IFPA	NO	Enabled		
9	DBL	N39° 26' 21.64", W106° 53' 40.85"	12.0 E	130	DH	IFPA	NO	Enabled		
10	SXW	N39° 37' 46.12", W106° 59' 28.21"	12.0 E	25	T	IFPA	NO	Enabled		
11	TXC	N39° 41' 53.94", W103° 12' 53.78"	12.0 E	130	H	IFPA	NO	Enabled		
12	GLL	N40° 30' 13.92", W104° 33' 10.85"	13.0 E	130	DH	IFPA	NO	Enabled		
13	LAA	N38° 11' 49.53", W102° 41' 15.12"	12.0 E	130	DH	IFPA	NO	Enabled		
14	FQF	N39° 41' 24.50", W104° 37' 15.50"	11.0 E	130	H	IFPA	NO	Enabled		
15	SNY	N41° 05' 48.06", W102° 58' 58.77"	13.0 E	130	DH	IFPA	NO	Enabled		
16	HBU	N38° 27' 07.62", W107° 02' 22.97"	14.0 E	130	DH	IFPA	NO	Enabled		

DME DME Assessment Results for MMARY1 path DORPH_IIOU

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BRK [IFPA]	LAA [IFPA]	TXC [IFPA]	BJC [IFPA]	GLL [IFPA]	SNY [IFPA]
37.1	BRK [IFPA]	DVV [IFPA]	DEN [IFPA]	BJC [IFPA]	FQF [IFPA]	GLL [IFPA]
63.2	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	SNY [IFPA]	DVV [IFPA]	LAA [IFPA]
70.6	FQF [IFPA]	BJC [IFPA]	DVV [IFPA]	DEN [IFPA]	BRK [IFPA]	GLL [IFPA]
101.2	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	DEN [IFPA]	FQF [IFPA]	
104.1	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	DEN [IFPA]		
105.8	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	RLG [IFPA]	DEN [IFPA]	
106.4	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]			
108.5	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	RLG [IFPA]		
112.9	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]			
113.3	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	RLG [IFPA]		
115.8	BRK [IFPA]	BJC [IFPA]	GLL [IFPA]	RLG [IFPA]	DBL [IFPA]	
120.2	RLG [IFPA]	GLL [IFPA]	BRK [IFPA]	DBL [IFPA]		
123.0	RLG [IFPA]	GLL [IFPA]	BRK [IFPA]			
123.3	RLG [IFPA]	GLL [IFPA]	BRK [IFPA]	DBL [IFPA]		
123.5	RLG [IFPA]	GLL [IFPA]	BRK [IFPA]			
125.7	RLG [IFPA]	GLL [IFPA]	BRK [IFPA]	DBL [IFPA]		
131.8	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
132.6	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]	BRK [IFPA]		
133.5	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
133.6	BRK [IFPA]	GLL [IFPA]				
134.0	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]	BRK [IFPA]		
134.3	BRK [IFPA]	GLL [IFPA]				
134.8	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]	BRK [IFPA]		
135.0	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
135.2						
135.4	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
137.1						
137.3	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
137.8	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]	BRK [IFPA]		
138.0	BRK [IFPA]	GLL [IFPA]				
138.1						
141.6	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]	BRK [IFPA]		
141.7						
142.7	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			

DME DME Assessment Results for MMARY1 path DORPH_IIOU

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
143.9	RLG [IFPA]	DBL [IFPA]				
146.8	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
148.6	RLG [IFPA]	DBL [IFPA]				
148.9	RLG [IFPA]	DBL [IFPA]	GLL [IFPA]			
150.3	RLG [IFPA]	DBL [IFPA]				
151.5	RLG [IFPA]	DBL [IFPA]	JNC [IFPA]			
154.3	SXW [IFPA]	HBU [IFPA]	RLG [IFPA]	DBL [IFPA]	JNC [IFPA]	
154.3	RLG [IFPA]	DBL [IFPA]	JNC [IFPA]			
154.9	RLG [IFPA]	SXW [IFPA]	DBL [IFPA]	JNC [IFPA]		
156.0	RLG [IFPA]	SXW [IFPA]	EKR [IFPA]	DBL [IFPA]	JNC [IFPA]	
157.5	RLG [IFPA]	SXW [IFPA]	DBL [IFPA]	JNC [IFPA]		
158.7	RLG [IFPA]	SXW [IFPA]	EKR [IFPA]	DBL [IFPA]	JNC [IFPA]	
161.4	RLG [IFPA]	SXW [IFPA]	DBL [IFPA]	JNC [IFPA]		
164.7	RLG [IFPA]	EKR [IFPA]	SXW [IFPA]	DBL [IFPA]	JNC [IFPA]	
168.1	JNC [IFPA]	SXW [IFPA]	EKR [IFPA]			
170.1	RLG [IFPA]	EKR [IFPA]	SXW [IFPA]	JNC [IFPA]		
172.9	RLG [IFPA]	EKR [IFPA]	RIL [IFPA]	SXW [IFPA]	JNC [IFPA]	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 31' 55.86", W106° 06' 10.21"	N39° 31' 56.43", W106° 06' 28.26"	0.233
2	N39° 32' 00.37", W106° 08' 34.63"	N39° 32' 00.94", W106° 08' 52.68"	0.233
3	N39° 32' 02.98", W106° 09' 58.88"	N39° 32' 11.08", W106° 14' 23.66"	3.4169
4	N39° 32' 11.44", W106° 14' 35.70"	N39° 32' 13.62", W106° 15' 47.91"	0.9319

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
DORPH	CBAAS	BRK [IFPA], TXC [IFPA], DEN [IFPA], GLL [IFPA], BJC [IFPA], LAA [IFPA], DVV [IFPA], FQF [IFPA], SNY [IFPA]	
CBAAS	BBER	BRK [IFPA], DEN [IFPA], GLL [IFPA], BJC [IFPA], LAA [IFPA], DVV [IFPA], FQF [IFPA], SNY [IFPA]	
BBER	FLWS	BRK [IFPA], DEN [IFPA], GLL [IFPA], BJC [IFPA], LAA [IFPA], DVV [IFPA], FQF [IFPA], SNY [IFPA]	
FLWS	LYKKE	BRK [IFPA], DEN [IFPA], GLL [IFPA], BJC [IFPA], RLG [IFPA], DVV [IFPA], FQF [IFPA]	
LYKKE	WIINE	BRK [IFPA], DEN [IFPA], GLL [IFPA], BJC [IFPA], RLG [IFPA], DVV [IFPA], FQF [IFPA]	
WIINE	SWNCN	DBL [IFPA], BRK [IFPA], GLL [IFPA], BJC [IFPA], RLG [IFPA]	
SWNCN	MMARY	BRK [IFPA], DBL [IFPA], GLL [IFPA], RLG [IFPA]	
MMARY	DBL	DBL [IFPA], SXW [IFPA], EKR [IFPA], RLG [IFPA], JNC [IFPA], HBU [IFPA]	
DBL	IIOU	SXW [IFPA], DBL [IFPA], EKR [IFPA], RIL [IFPA], RLG [IFPA], JNC [IFPA]	

DME DME Assessment Results for MMARY1 path DORPH_IIOOU

User Data Files

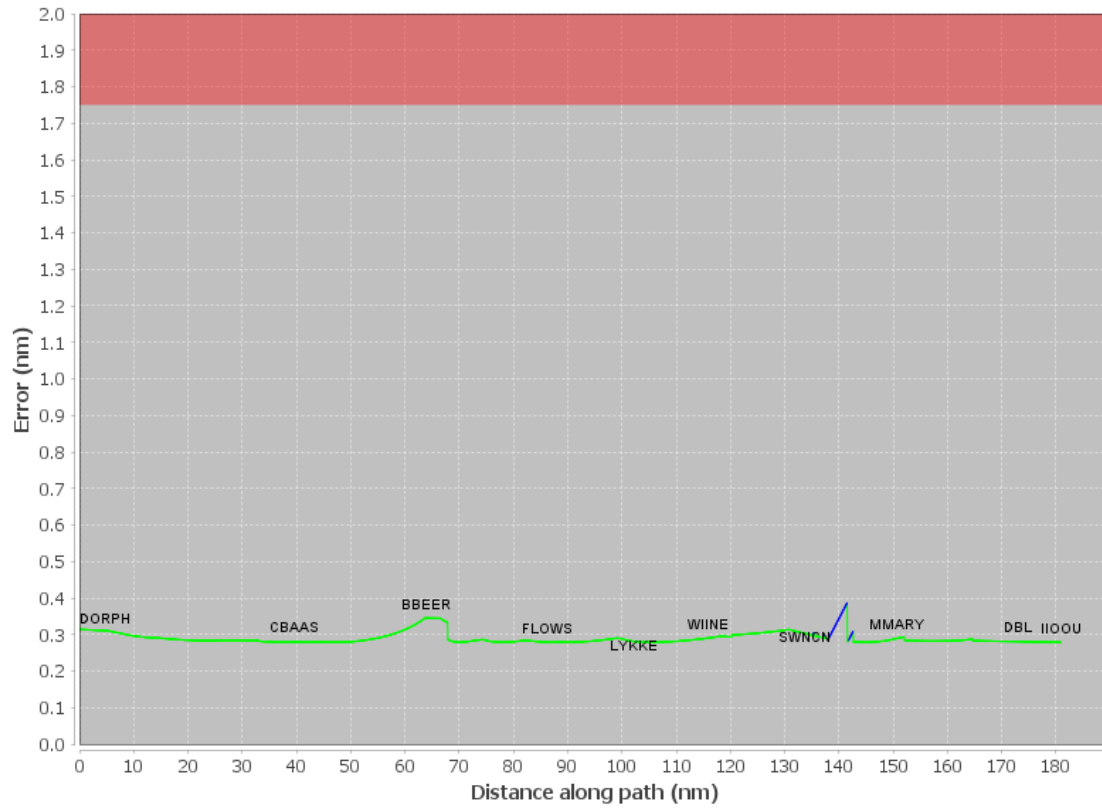
#	File Name
None	

User DMEs

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

DME DME Assessment Results for MMARY1 path DORPH_IIOU

DME Error



DME DME Assessment Results for MMARY1 path MMARY_WERNR

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Theodore CTR Roller
Project File:	C:\Users\Theodore CTR Roller\Desktop\CO\ASE\33500 HAREI, LOYD, MMARY STARs\SubPak\FPT\20240814 33500 ASE HAREI LOYD MMARY STARs.tgs
Output File:	C:\Users\Theodore CTR Roller\Desktop\CO\ASE\33500 HAREI, LOYD, MMARY STARs\SubPak\FPT\MMARY\KASE [IFPA] MMARY1 20240814_1042 MDT\MMARY_WERNR\KASE MMARY1 RNAV STAR MMARY WERNR 20240814_1042 MDT.pdf
Procedure Name:	MMARY1
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 10:42 MDT
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
MMARY	WP	N39° 32' 31.61", W106° 26' 01.81"	17000	VNAV	250	FLY_BY	TF
WERNR	WP	N39° 32' 52.65", W106° 40' 16.63"	16000	VNAV	250	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KASE [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 MMARY1 path MMARY_WERNR

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DBL	N39° 26' 21.64", W106° 53' 40.85"	12.0 E	130	DH	IFPA	NO	Enabled		
2	SXW	N39° 37' 46.12", W106° 59' 28.21"	12.0 E	25	T	IFPA	NO	Enabled		
3	RLG	N40° 00' 09.50", W106° 26' 32.96"	14.0 E	130	DH	IFPA	NO	Enabled		
4	JNC	N39° 03' 34.44", W108° 47' 33.27"	15.0 E	130	DH	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	RLG [IFPA]	DBL [IFPA]				
2.4	RLG [IFPA]	SXW [IFPA]	DBL [IFPA]			
8.8	RLG [IFPA]	SXW [IFPA]	DBL [IFPA]	JNC [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MMARY	WERNR	DBL [IFPA], SXW [IFPA], RLG [IFPA], JNC [IFPA]	

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

DME DME Assessment Results for MMARY1 path MMARY_WERNR

DME Error

