

DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ACT FAA 704207-102 ACT [IFPA]	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	507.1	115.3	ACT FAA 704207-102	
	ESV:	Bearing [True]: 205.0° to 228.0° Bearing [Mag]: 196.0° to 219.0°				Arc Distance: Out to 59.0 NM Altitude: 6900.0 to 15100.0 ft		
2	CLL FAA 672118-054 CLL [IFPA]	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	264.4	113.3	CLL FAA 672118-054	
	Restriction:	Bearing [True]: 109.0° to 138.0° Bearing [Mag]: 101.0° to 130.0°				Distance: Beyond 25.0 NM Altitude: Below 2500.0 ft		
	Restriction:	Bearing [True]: 139.0° to 156.0° Bearing [Mag]: 131.0° to 148.0°				Distance: Beyond 30.0 NM Altitude: Below 2500.0 ft		
	Restriction:	Bearing [True]: 157.0° to 168.0° Bearing [Mag]: 149.0° to 160.0°				Distance: Beyond 30.0 NM Altitude: Below 2000.0 ft		
	Restriction:	Bearing [True]: 358.0° to 108.0° Bearing [Mag]: 350.0° to 100.0°				Distance: Beyond 25.0 NM Altitude: Below 3500.0 ft		
	Restriction:	Bearing [True]: 333.0° to 357.0° Bearing [Mag]: 325.0° to 349.0°				Distance: Beyond 30.0 NM Altitude: Below 2500.0 ft		
	ESV:	Bearing [True]: 283.0° to 293.0° Bearing [Mag]: 275.0° to 285.0°				Arc Distance: Out to 93.0 NM Altitude: 6900.0 to 18300.0 ft		
3	CQY FAA 941418-052 CQY [IFPA]	N32° 11' 08.6000", W096° 13' 05.1700"	6.0 E	40	400	114.8	CQY FAA 941418-052	
	ESV:	Bearing [True]: 213.0° to 231.0° Bearing [Mag]: 207.0° to 225.0°				Arc Distance: Out to 53.0 NM Altitude: 6900.0 to 18400.0 ft		
4	CWK FAA 970907-051 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-051	
	ESV:	Bearing [True]: 299.0° to 325.0° Bearing [Mag]: 293.0° to 319.0°				Arc Distance: Out to 81.0 NM Altitude: 6900.0 to 15100.0 ft		
5	CWK FAA 970907-052 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-052	
	ESV:	Bearing [True]: 341.0° to 54.0° Bearing [Mag]: 335.0° to 48.0°				Arc Distance: Out to 50.0 NM Altitude: 6900.0 to 17000.0 ft		
6	GNL FAA 960994-012 GNL [IFPA]	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	514.1	null	GNL FAA 960994-012	
	Restriction:	Bearing [True]: 150.0° to 205.0° Bearing [Mag]: 150.0° to 205.0°				Distance: Beyond 30.0 NM Altitude: Below 2500.0 ft		
	Restriction:	Bearing [True]: 230.0° to 310.0° Bearing [Mag]: 230.0° to 310.0°				Distance: Beyond 30.0 NM Altitude: Below 2400.0 ft		
	Restriction:	Bearing [True]: 345.0° to 35.0° Bearing [Mag]: 345.0° to 35.0°				Distance: Beyond 35.0 NM Altitude: Below 2500.0 ft		
	ESV:	Bearing [True]: 131.0° to 164.0° Bearing [Mag]: 131.0° to 164.0°				Arc Distance: Out to 48.0 NM Altitude: 6900.0 to 18600.0 ft		
7	TPL FAA 882321-030 TPL [IFPA]	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	710.2	null	TPL FAA 882321-030	
	ESV:	Bearing [True]: 90.0° to 127.0° Bearing [Mag]: 90.0° to 127.0°				Arc Distance: Out to 79.0 NM Altitude: 6900.0 to 18800.0 ft		

DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jose G-CTR Medina
Project File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU SNDAY STAR DME SCREEN 20240319.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU [IFPA] SNDAY1 20240319_1239 CDT\BGOHH_SNDAY\KHOU SNDAY1 RNAV STAR BGOHH SNDAY 20240319_1239 CDT.pdf
Procedure Name:	SNDAY1
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:39 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
BGOHH	WP	N31° 05' 27.7399", W098° 48' 02.3368"	7000	VNAV	200	FLY_BY	TF
MUFNN	WP	N30° 58' 30.1793", W097° 45' 08.6727"	7000	VNAV	200	FLY_BY	TF
ROOOF	WP	N30° 53' 05.8326", W096° 51' 08.0615"	7000	VNAV	200	FLY_BY	TF
WHYZE	WP	N30° 44' 36.7502", W096° 28' 41.7644"	7000	VNAV	200	FLY_BY	TF
BEANE	WP	N30° 36' 18.5200", W096° 25' 14.7700"	7000	VNAV	200	FLY_BY	TF
BLUBL	WP	N30° 18' 16.4200", W096° 18' 10.8900"	5000	VNAV	200	FLY_BY	TF
SNDAY	WP	N29° 56' 25.1400", W096° 09' 41.0700"	5000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KHOU [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 SNDAY1 path BGOHH_SNDAY

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	IDU	N29° 57' 21.8070", W096° 33' 43.8990"	8.0 E	40	L	IFPA	NO	Enabled	23 %	23.1 %
2	LLO	N30° 47' 46.8312", W098° 47' 14.5992"	8.0 E	40	L	IFPA	NO	Enabled	21.2 %	21.1 %
3	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled	49 %	49.1 %
4	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H	IFPA	NO	Enabled	43.7 %	43.7 %
5	ACT	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	H	IFPA	NO	Enabled	10.7 %	10.7 %
6	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H	IFPA	NO	Enabled	31.4 %	31.5 %
7	CLL	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	L	IFPA	NO	Enabled	38.4 %	38.4 %
8	LOA	N31° 07' 26.4630", W095° 58' 04.6420"	8.0 E	40	L	IFPA	NO	Enabled	4.3 %	4.3 %
9	AGJ	N31° 11' 07.8162", W098° 08' 30.6883"	5.0 E	130	H	IFPA	NO	Enabled	40.7 %	40.7 %
10	TPL	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	L	IFPA	NO	Enabled	48 %	47.9 %

DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LLO	AGJ	CWK			
34.0	CWK	LLO	AGJ	CLL		
34.7	TPL	AGJ	CWK	LLO	CLL	
35.8	TPL	AGJ	LLO	CLL		
36.7	TPL	AGJ	CLL			
39.8	TPL	AGJ	ACT	CLL		
55.5	ACT	AGJ	CLL	TPL	CWK	
58.3	TPL	AGJ	CWK			
63.9	TPL	AGJ	CLL	CWK		
64.8	TPL	AGJ	CWK			
70.6						
76.3	CWK	TPL				
83.0	CWK	TPL	ELA			
89.6	CWK	CLL	TPL	ELA		
101.4						
104.0	TPL	ELA				
105.2						
107.7	TPL	ELA				
118.7	CLL	LOA	TNV	TPL	ELA	
124.8	TNV	LOA	TPL	ELA		
125.3	TNV	LOA	ELA			
126.2	TPL	ELA	TNV			
129.8	TNV	ELA				
133.3	IDU	TNV	ELA			
147.2	IDU	TNV	ELA	CLL		
170.9	IDU	TNV	ELA			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 56' 41.0165", W097° 26' 31.8639"	N30° 56' 01.9843", W097° 19' 59.2241"	5.6652
2	N30° 53' 03.1635", W096° 51' 00.9654"	N30° 52' 00.4068", W096° 48' 14.2385"	2.6092
3	N30° 51' 31.0109", W096° 46' 56.2169"	N30° 50' 29.5042", W096° 44' 13.1235"	2.5536

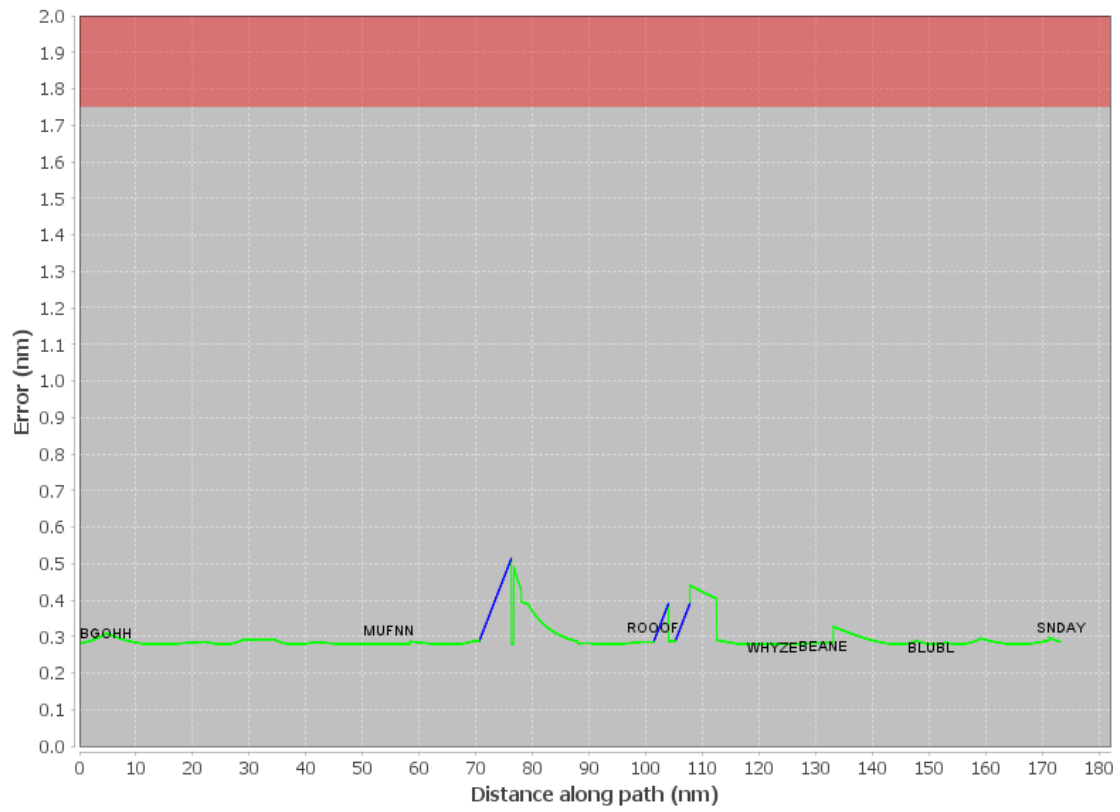
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BGOHH	MUFNN	TPL, CLL, ACT, AGJ, CWK, LLO	
MUFNN	ROOOF	TPL, CLL, ACT, AGJ, CWK, ELA	
ROOOF	WHYZE	TPL, CLL, CWK, ELA, TNV, LOA	
WHYZE	BEANE	TPL, CLL, ELA, TNV, LOA	
BEANE	BLUBL	CLL, ELA, IDU, TNV	
BLUBL	SNDAY	CLL, IDU, ELA, TNV	

DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

User Data Files								
#	File Name							
1	UserDMEsKHOU [IFPA] SNDAY1 RNAV STAR_20240306_0848 CST.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CWK FAA 970907-052 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-052	
	ESV:	Bearing [True]: 341.0° to 54.0° Bearing [Mag]: 335.0° to 48.0°				Arc Distance: Out to 50.0 NM Altitude: 6900.0 to 17000.0 ft		
2	GNL FAA 960994-012 GNL [IFPA]	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	514.1	null	GNL FAA 960994-012	
	ESV:	Bearing [True]: 131.0° to 164.0° Bearing [Mag]: 131.0° to 164.0°				Arc Distance: Out to 48.0 NM Altitude: 6900.0 to 18600.0 ft		
3	CWK FAA 970907-051 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-051	
	ESV:	Bearing [True]: 299.0° to 325.0° Bearing [Mag]: 293.0° to 319.0°				Arc Distance: Out to 81.0 NM Altitude: 6900.0 to 15100.0 ft		
4	CLL FAA 672118-054 CLL [IFPA]	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	264.4	113.3	CLL FAA 672118-054	
	ESV:	Bearing [True]: 283.0° to 293.0° Bearing [Mag]: 275.0° to 285.0°				Arc Distance: Out to 93.0 NM Altitude: 6900.0 to 18300.0 ft		
5	ACT FAA 704207-102 ACT [IFPA]	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	507.1	115.3	ACT FAA 704207-102	
	ESV:	Bearing [True]: 205.0° to 228.0° Bearing [Mag]: 196.0° to 219.0°				Arc Distance: Out to 59.0 NM Altitude: 6900.0 to 15100.0 ft		
6	TPL FAA 882321-030 TPL [IFPA]	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	710.2	null	TPL FAA 882321-030	
	ESV:	Bearing [True]: 90.0° to 127.0° Bearing [Mag]: 90.0° to 127.0°				Arc Distance: Out to 79.0 NM Altitude: 6900.0 to 18800.0 ft		
7	CQY FAA 941418-052 CQY [IFPA]	N32° 11' 08.6000", W096° 13' 05.1700"	6.0 E	40	400	114.8	CQY FAA 941418-052	
	ESV:	Bearing [True]: 213.0° to 231.0° Bearing [Mag]: 207.0° to 225.0°				Arc Distance: Out to 53.0 NM Altitude: 6900.0 to 18400.0 ft		

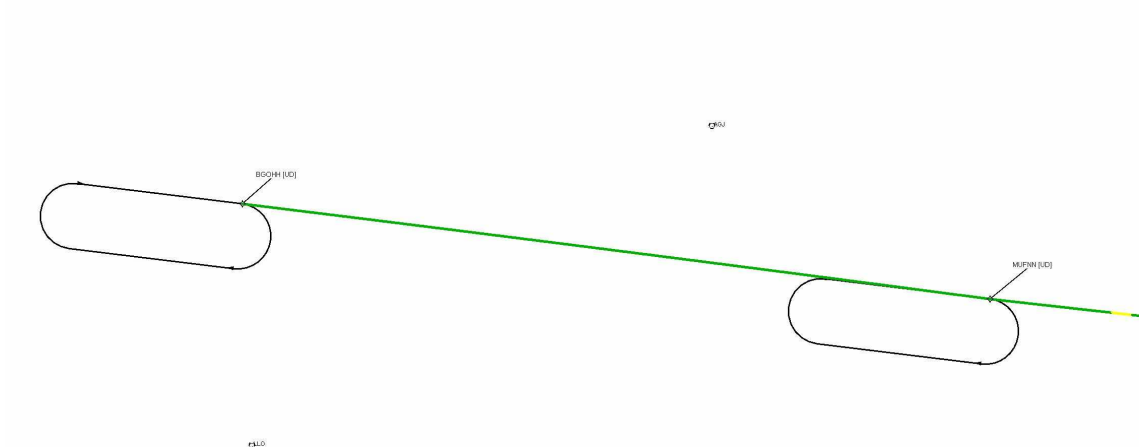
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

DME Error



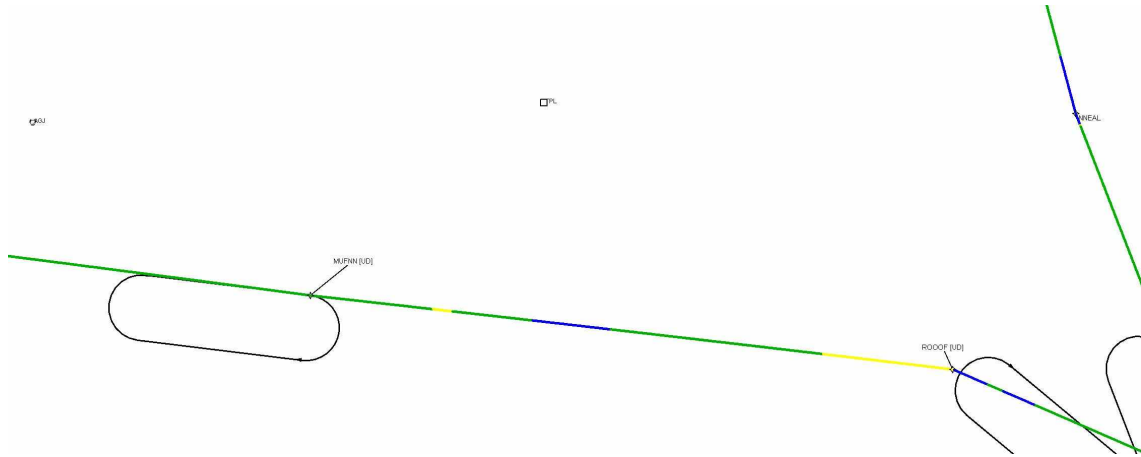
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 1



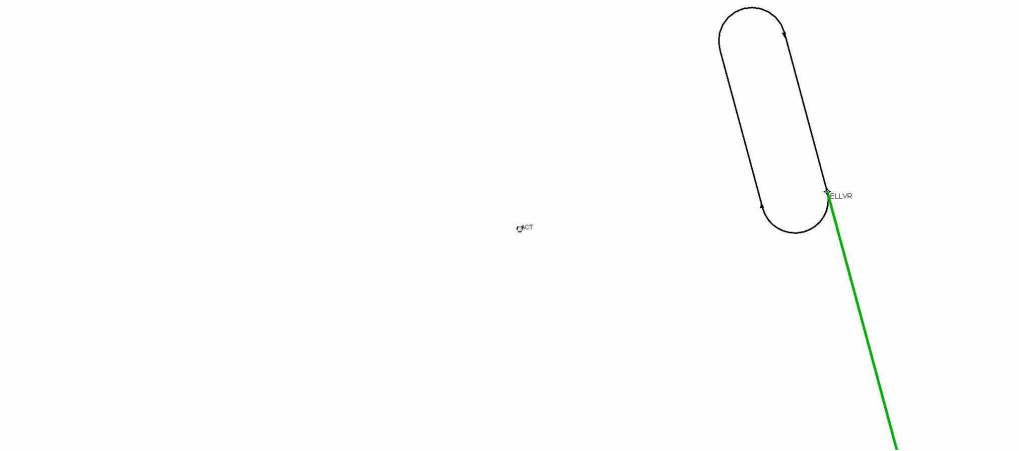
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 2



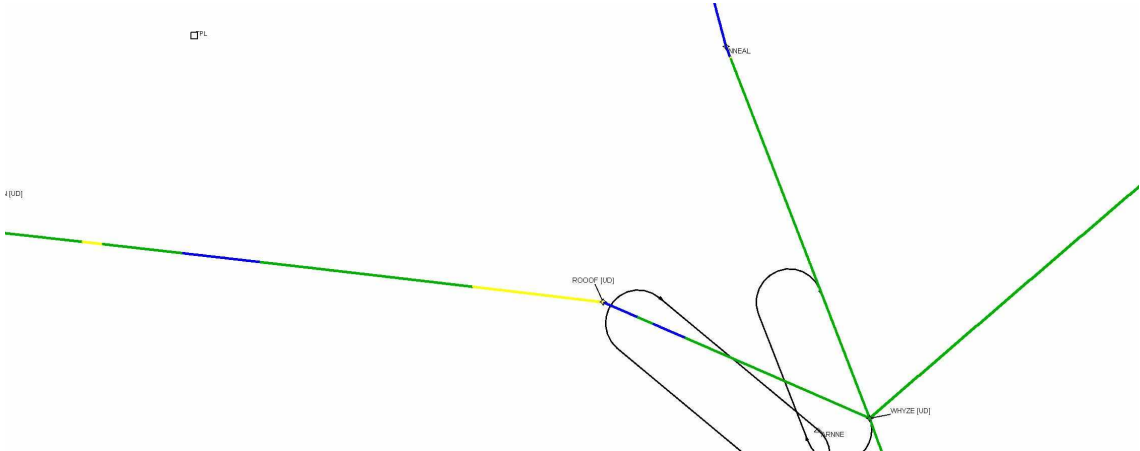
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 3



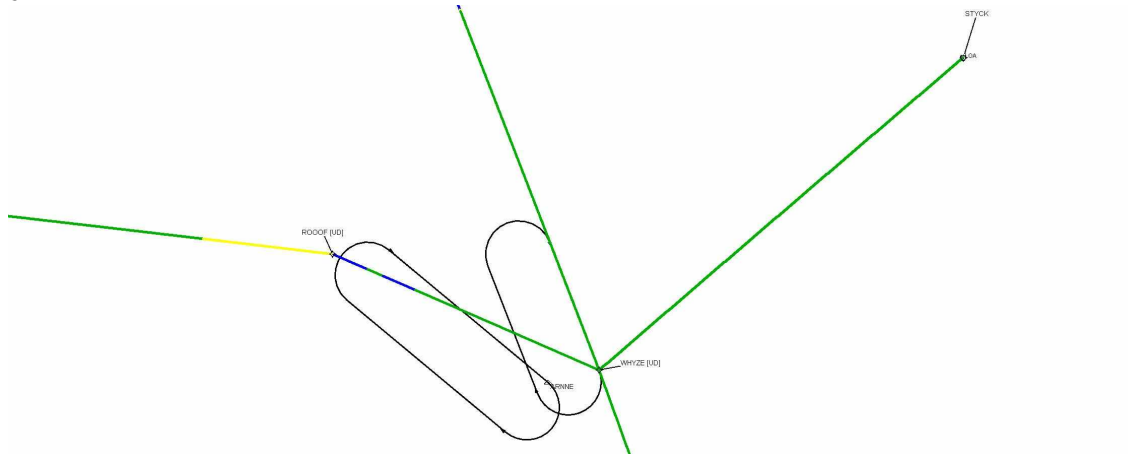
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 4



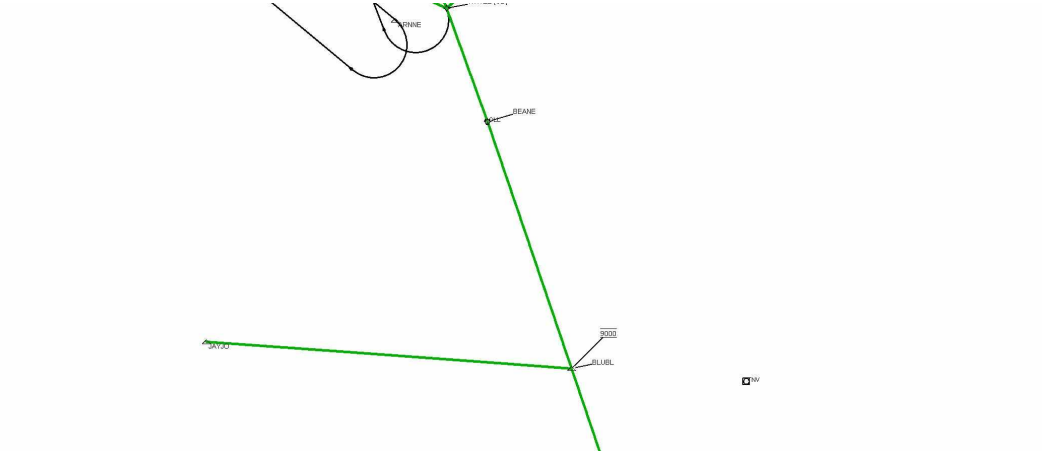
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 5



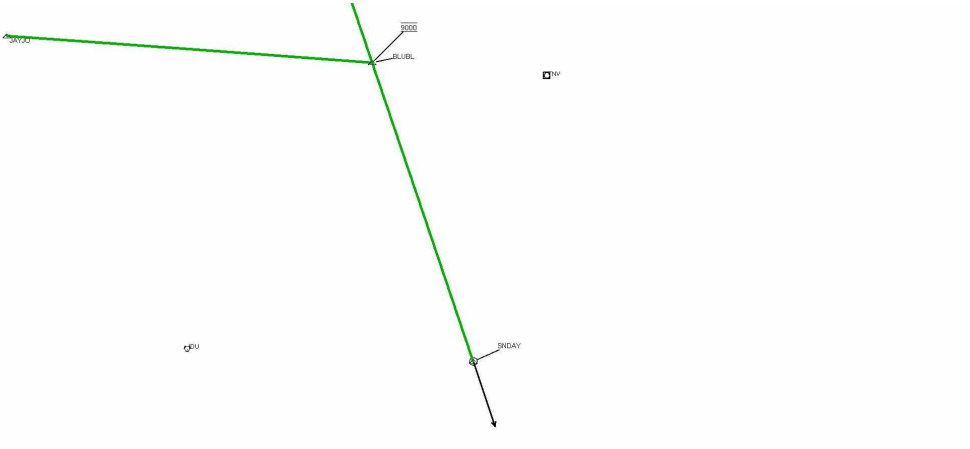
DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 6



DME DME Assessment Results for SNDAY1 path BGOHH_SNDAY

Graphic Depiction 7



DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jose G-CTR Medina
Project File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU SNDAY STAR DME SCREEN 20240319.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU [IFPA] SNDAY1 20240319_1239 CDT\ELLVR_WHYZE\KHOU SNDAY1 RNAV STAR ELLVR WHYZE 20240319_1239 CDT.pdf
Procedure Name:	SNDAY1
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:39 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
ELLVR	WP	N31° 42' 29.2200", W096° 50' 16.0500"	7000	VNAV	200	FLY_BY	TF
NNEAL	WP	N31° 11' 47.6600", W096° 40' 46.9100"	7000	VNAV	200	FLY_BY	TF
WHYZE	WP	N30° 44' 36.7502", W096° 28' 41.7644"	7000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KHOU [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 SNDAY1 path ELLVR_WHYZE

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	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled	42.6 %	42.6 %
2	ACT	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	H	IFPA	NO	Enabled	45 %	45 %
3	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H	IFPA	NO	Enabled	6.6 %	6.6 %
4	CQY	N32° 11' 08.6000", W096° 13' 05.1700"	6.0 E	40	L	IFPA	NO	Enabled	18.5 %	18.6 %
5	GNL	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	L	IFPA	NO	Enabled	70.2 %	70.2 %
6	CLL	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	L	IFPA	NO	Enabled	46.4 %	46.4 %
7	LOA	N31° 07' 26.4630", W095° 58' 04.6420"	8.0 E	40	L	IFPA	NO	Enabled	46.4 %	46.4 %
8	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH	IFPA	NO	Enabled	30 %	30 %
9	TPL	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	L	IFPA	NO	Enabled	46.4 %	46.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CVE	ACT	CQY	GNL		
11.3	CVE	GNL	ACT			
18.3	GNL	ACT				
27.4						
32.6	GNL	LOA	TPL	CLL		
34.8	TPL	GNL	LOA	CLL	ELA	
48.0	CLL	LOA	ELA	TPL		
56.7	TNV	LOA	CLL	ELA	TPL	

DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N31° 15' 59.2716", W096° 42' 04.2925"	N31° 10' 57.7845", W096° 40' 24.6238"	5.2251

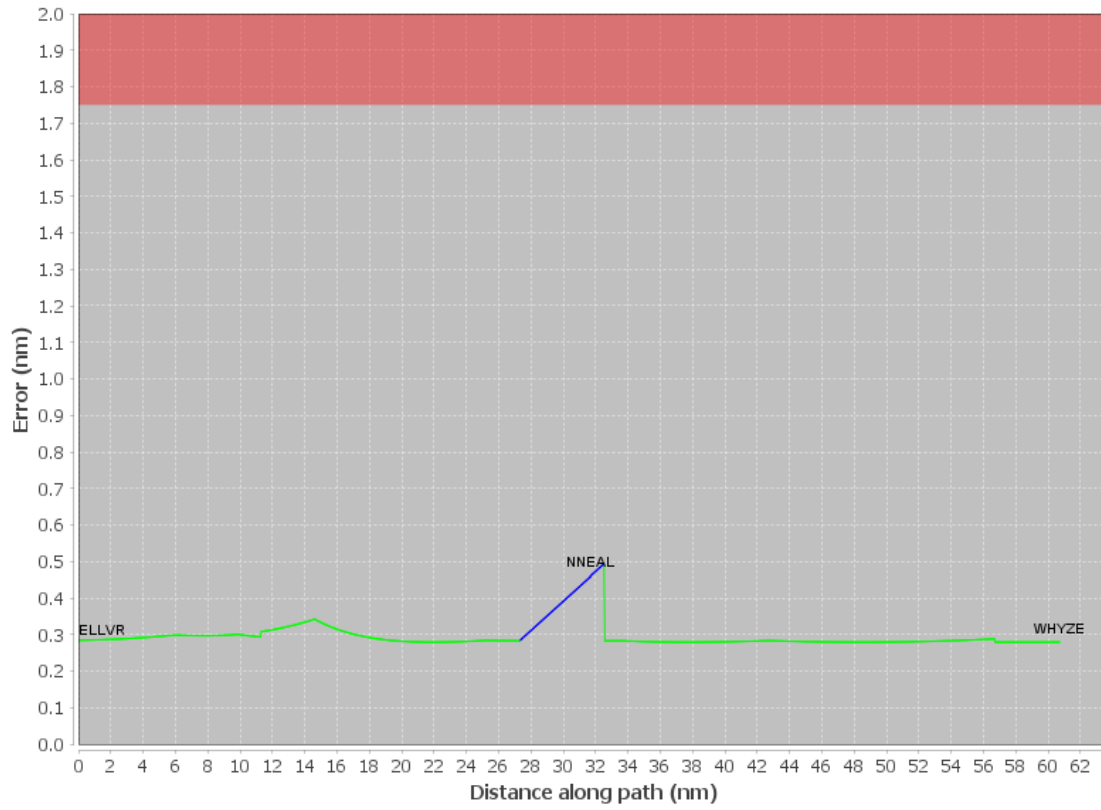
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ELLVR	NNEAL	ACT, CVE, GNL, CQY	
NNEAL	WHYZE	TPL, CLL, GNL, ELA, TNV, LOA	

User Data Files	
#	File Name
1	UserDMEsKHOU [IFPA] SNDAY1 RNAV STAR_20240306_0848 CST.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CWK FAA 970907-052 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-052	
ESV:		Bearing [True]: 341.0° to 54.0° Bearing [Mag]: 335.0° to 48.0°				Arc Distance: Out to 50.0 NM Altitude: 6900.0 to 17000.0 ft		
2	GNL FAA 960994-012 GNL [IFPA]	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	514.1	null	GNL FAA 960994-012	
ESV:		Bearing [True]: 131.0° to 164.0° Bearing [Mag]: 131.0° to 164.0°				Arc Distance: Out to 48.0 NM Altitude: 6900.0 to 18600.0 ft		
3	CWK FAA 970907-051 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-051	
ESV:		Bearing [True]: 299.0° to 325.0° Bearing [Mag]: 293.0° to 319.0°				Arc Distance: Out to 81.0 NM Altitude: 6900.0 to 15100.0 ft		
4	CLL FAA 672118-054 CLL [IFPA]	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	264.4	113.3	CLL FAA 672118-054	
ESV:		Bearing [True]: 283.0° to 293.0° Bearing [Mag]: 275.0° to 285.0°				Arc Distance: Out to 93.0 NM Altitude: 6900.0 to 18300.0 ft		
5	ACT FAA 704207-102 ACT [IFPA]	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	507.1	115.3	ACT FAA 704207-102	
ESV:		Bearing [True]: 205.0° to 228.0° Bearing [Mag]: 196.0° to 219.0°				Arc Distance: Out to 59.0 NM Altitude: 6900.0 to 15100.0 ft		
6	TPL FAA 882321-030 TPL [IFPA]	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	710.2	null	TPL FAA 882321-030	
ESV:		Bearing [True]: 90.0° to 127.0° Bearing [Mag]: 90.0° to 127.0°				Arc Distance: Out to 79.0 NM Altitude: 6900.0 to 18800.0 ft		
7	CQY FAA 941418-052 CQY [IFPA]	N32° 11' 08.6000", W096° 13' 05.1700"	6.0 E	40	400	114.8	CQY FAA 941418-052	
ESV:		Bearing [True]: 213.0° to 231.0° Bearing [Mag]: 207.0° to 225.0°				Arc Distance: Out to 53.0 NM Altitude: 6900.0 to 18400.0 ft		

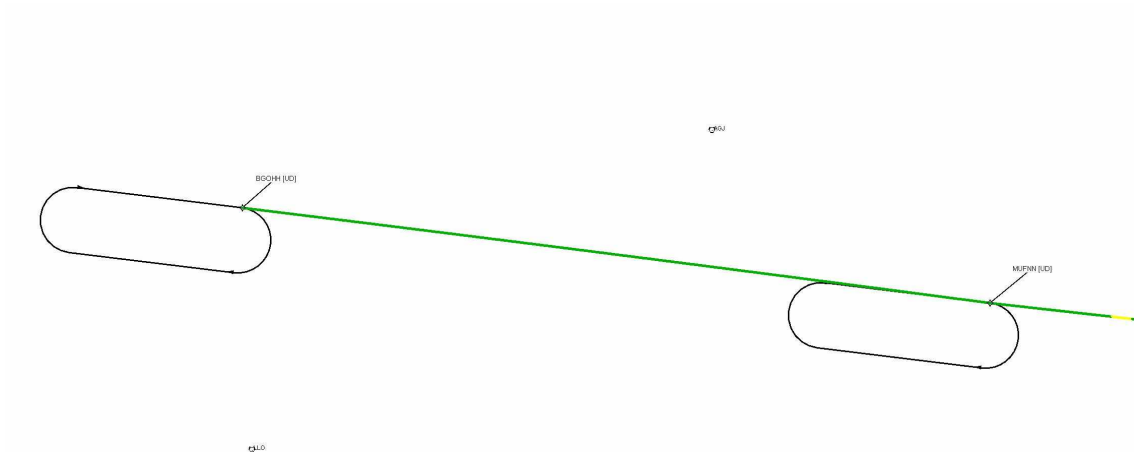
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

DME Error



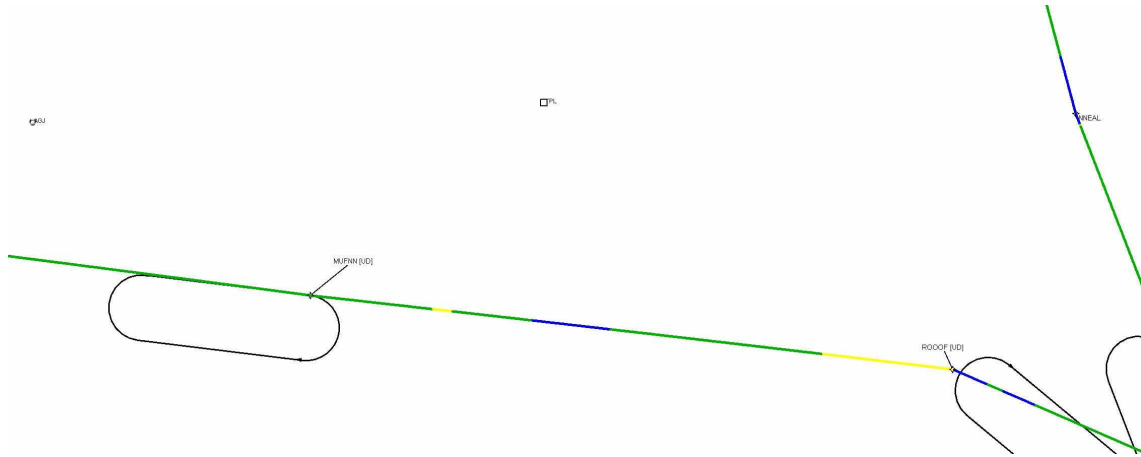
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 1



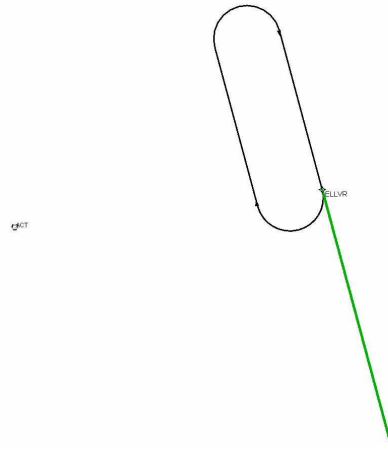
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 2



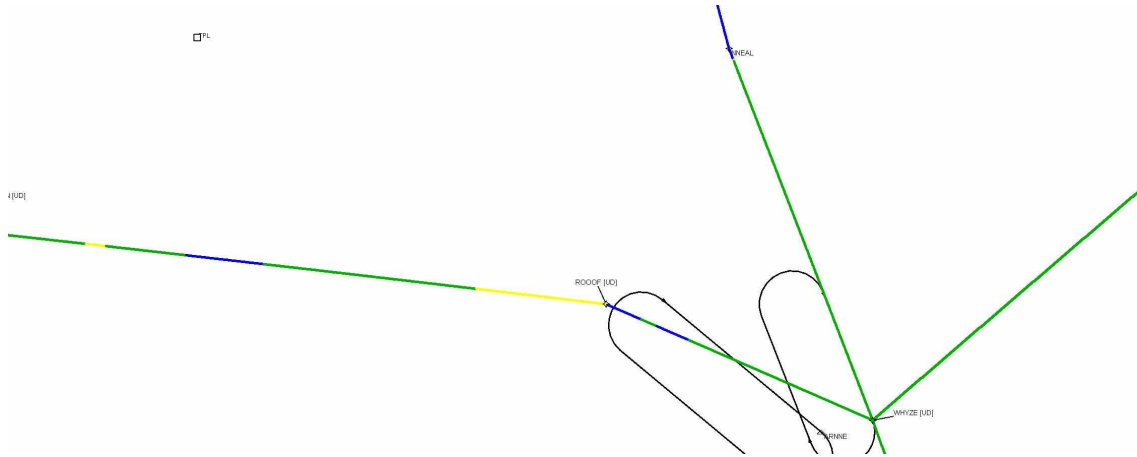
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 3



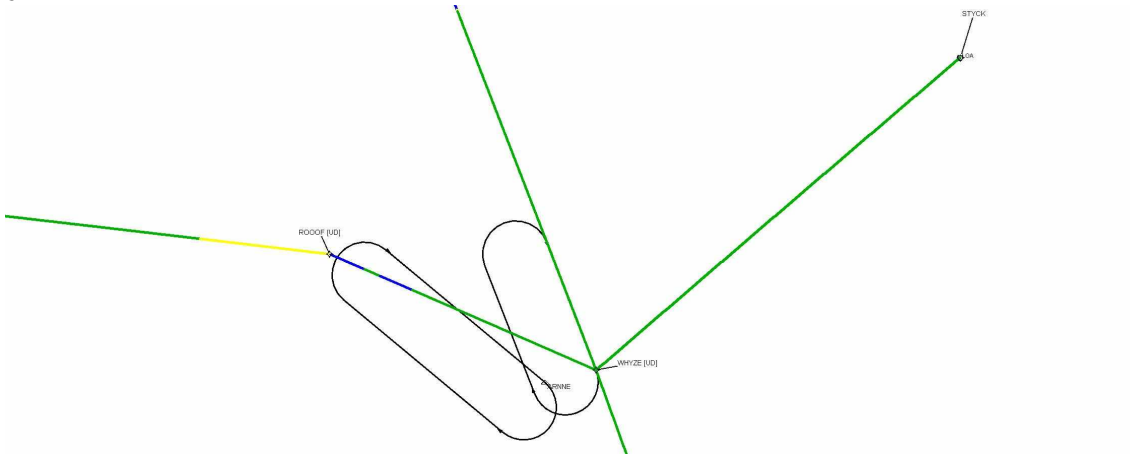
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 4



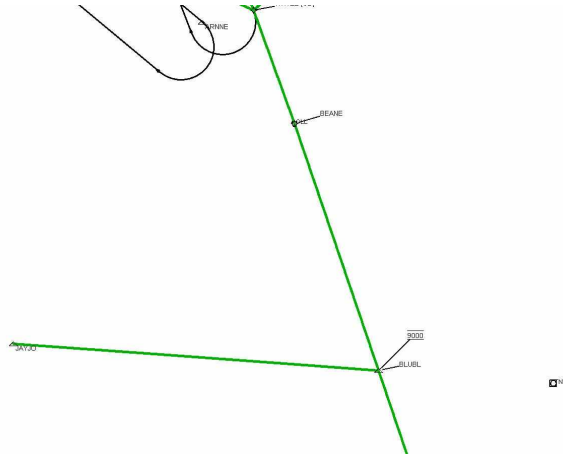
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 5



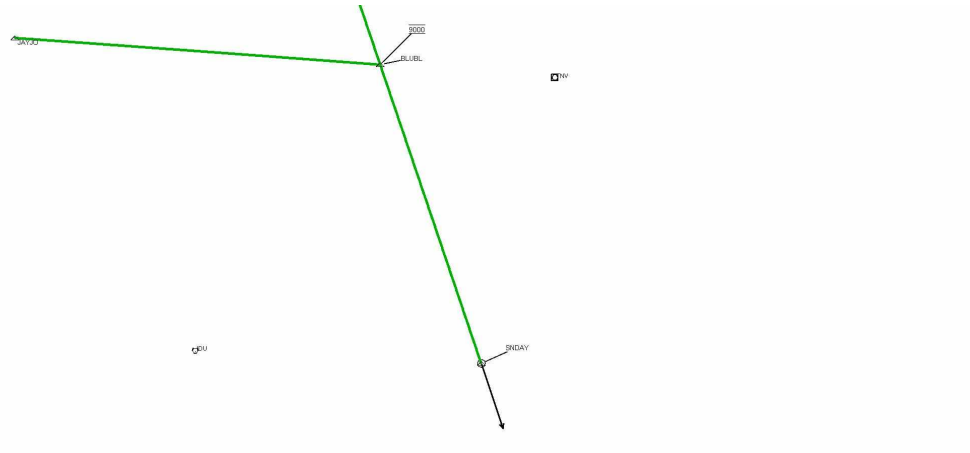
DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 6



DME DME Assessment Results for SNDAY1 path ELLVR_WHYZE

Graphic Depiction 7



DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jose G-CTR Medina
Project File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU SNDAY STAR DME SCREEN 20240319.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU [IFPA] SNDAY1 20240319_1239 CDT\JAYJO_BLUBL\KHOU SNDAY1 RNAV STAR JAYJO BLUBL 20240319_1239 CDT.pdf
Procedure Name:	SNDAY1
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:39 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
JAYJO	WP	N30° 20' 13.7400", W096° 48' 54.0500"	7000	VNAV	200	FLY_BY	TF
BLUBL	WP	N30° 18' 16.4200", W096° 18' 10.8900"	5000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KHOU [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 SNDAY1 path JAYJO_BLUBL

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	IDU	N29° 57' 21.8070", W096° 33' 43.8990"	8.0 E	40	L	IFPA	NO	Enabled	100 %	100 %
2	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled	100 %	100 %
3	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H	IFPA	NO	Enabled	10 %	10 %
4	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
5	CLL	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	L	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CLL	ELA	IDU	CWK	TNV	
2.7	CLL	ELA	IDU	TNV		

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

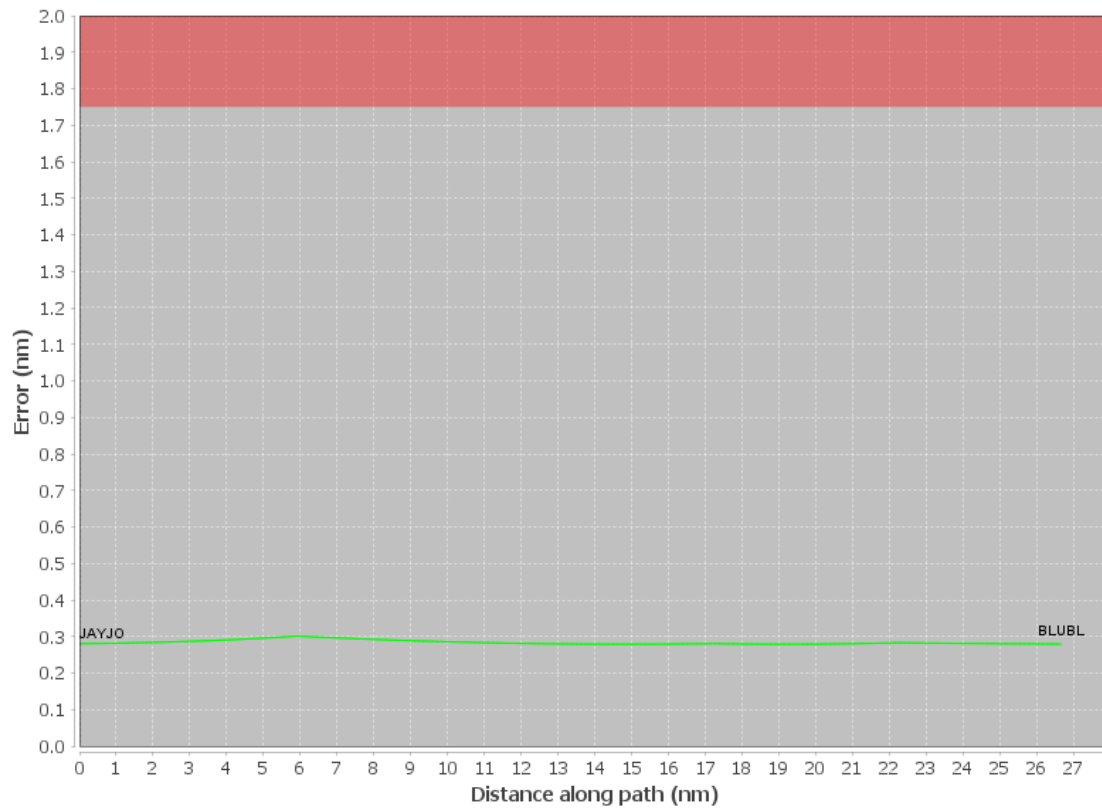
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
JAYJO	BLUBL	CLL, CWK, IDU, ELA, TNV	

DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

User Data Files								
#	File Name							
1	UserDMEsKHOU [IFPA] SNDAY1 RNAV STAR_20240306_0848 CST.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CWK FAA 970907-052 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-052	
	ESV:	Bearing [True]: 341.0° to 54.0° Bearing [Mag]: 335.0° to 48.0°				Arc Distance: Out to 50.0 NM Altitude: 6900.0 to 17000.0 ft		
2	GNL FAA 960994-012 GNL [IFPA]	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	514.1	null	GNL FAA 960994-012	
	ESV:	Bearing [True]: 131.0° to 164.0° Bearing [Mag]: 131.0° to 164.0°				Arc Distance: Out to 48.0 NM Altitude: 6900.0 to 18600.0 ft		
3	CWK FAA 970907-051 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-051	
	ESV:	Bearing [True]: 299.0° to 325.0° Bearing [Mag]: 293.0° to 319.0°				Arc Distance: Out to 81.0 NM Altitude: 6900.0 to 15100.0 ft		
4	CLL FAA 672118-054 CLL [IFPA]	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	264.4	113.3	CLL FAA 672118-054	
	ESV:	Bearing [True]: 283.0° to 293.0° Bearing [Mag]: 275.0° to 285.0°				Arc Distance: Out to 93.0 NM Altitude: 6900.0 to 18300.0 ft		
5	ACT FAA 704207-102 ACT [IFPA]	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	507.1	115.3	ACT FAA 704207-102	
	ESV:	Bearing [True]: 205.0° to 228.0° Bearing [Mag]: 196.0° to 219.0°				Arc Distance: Out to 59.0 NM Altitude: 6900.0 to 15100.0 ft		
6	TPL FAA 882321-030 TPL [IFPA]	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	710.2	null	TPL FAA 882321-030	
	ESV:	Bearing [True]: 90.0° to 127.0° Bearing [Mag]: 90.0° to 127.0°				Arc Distance: Out to 79.0 NM Altitude: 6900.0 to 18800.0 ft		
7	CQY FAA 941418-052 CQY [IFPA]	N32° 11' 08.6000", W096° 13' 05.1700"	6.0 E	40	400	114.8	CQY FAA 941418-052	
	ESV:	Bearing [True]: 213.0° to 231.0° Bearing [Mag]: 207.0° to 225.0°				Arc Distance: Out to 53.0 NM Altitude: 6900.0 to 18400.0 ft		

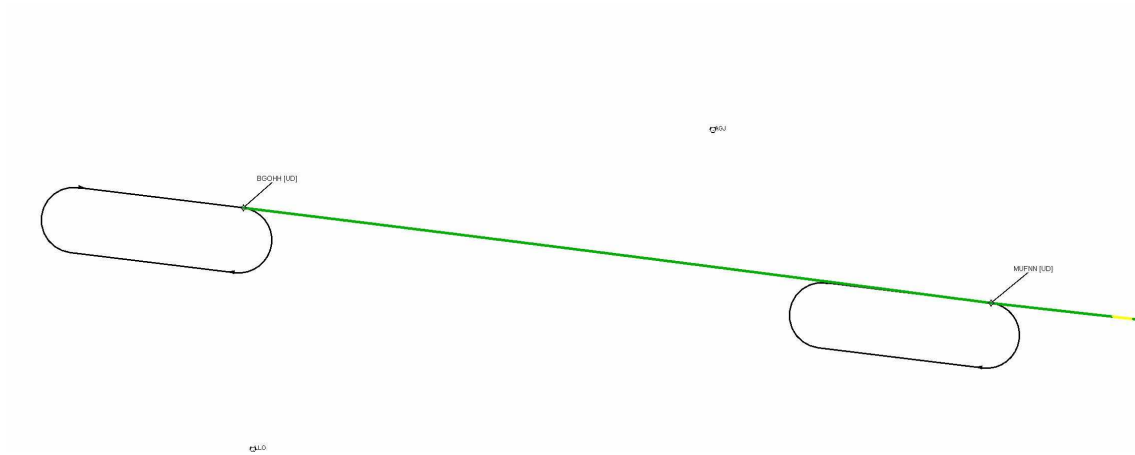
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

DME Error



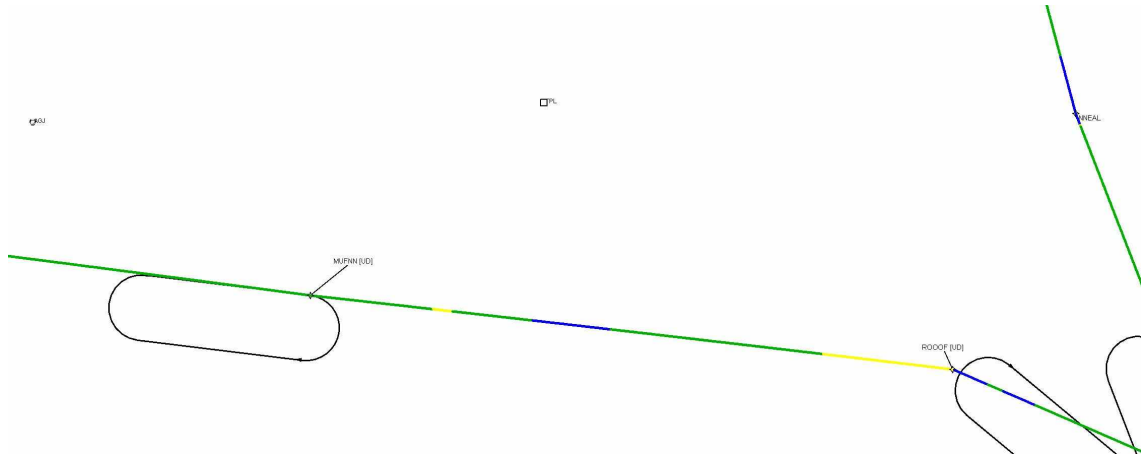
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 1



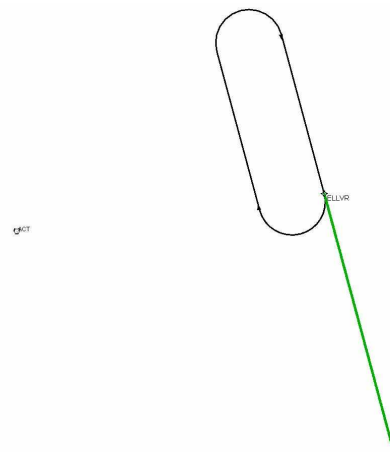
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 2



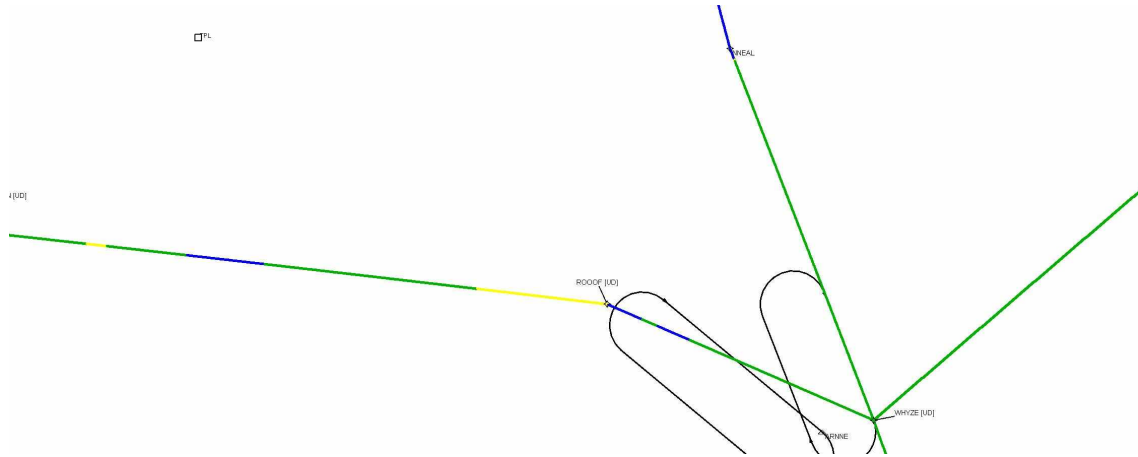
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 3



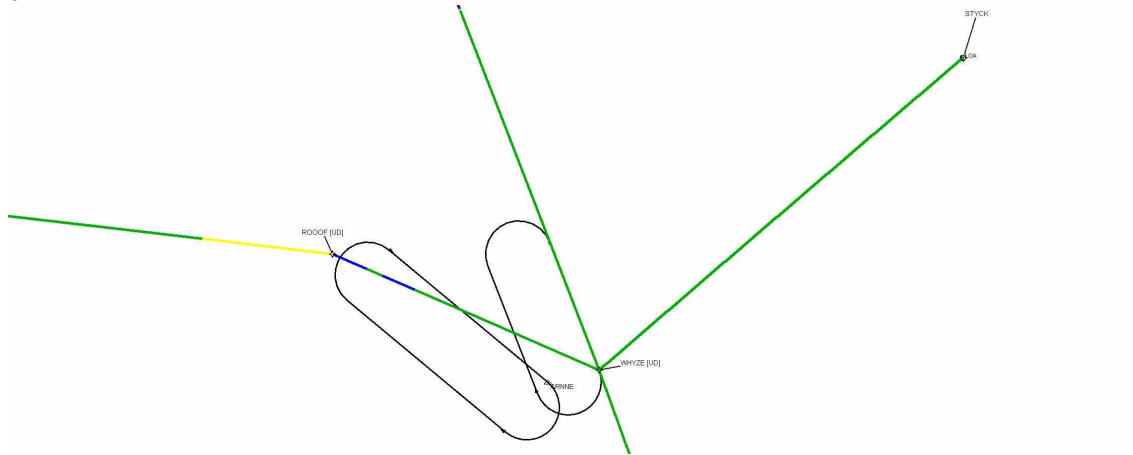
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 4



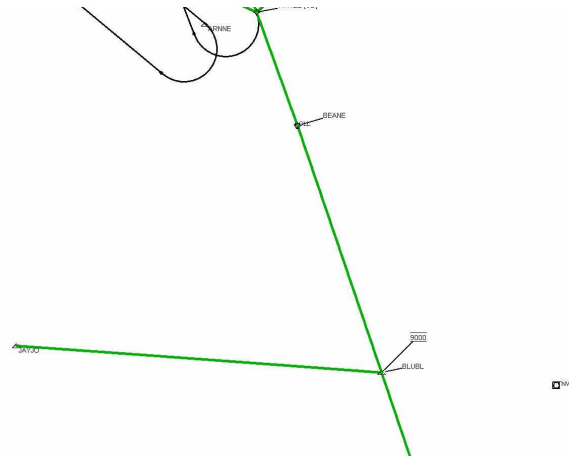
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 5



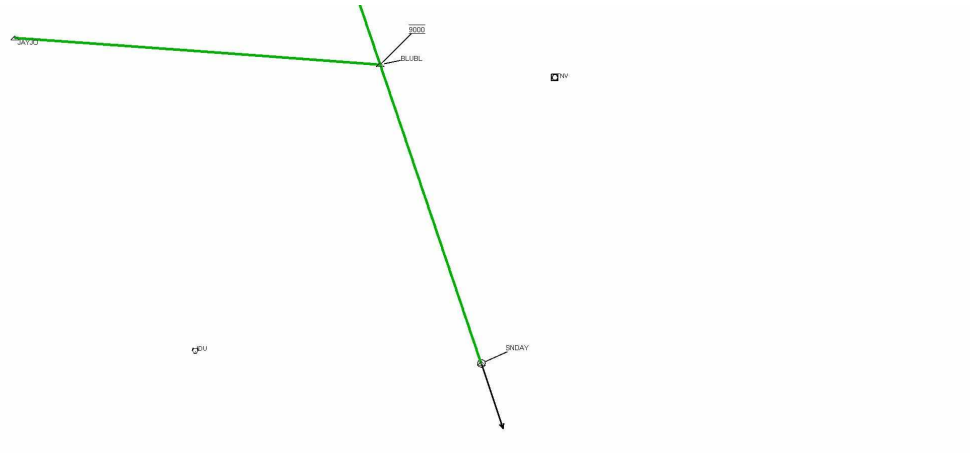
DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 6



DME DME Assessment Results for SNDAY1 path JAYJO_BLUBL

Graphic Depiction 7



DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jose G-CTR Medina
Project File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU SNDAY STAR DME SCREEN 20240319.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\Preliminary KHOU SNDAY DME\FINAL DME\KHOU [IFPA] SNDAY1 20240319_1239 CDT\STYCK_WHYZE\KHOU SNDAY1 RNAV STAR STYCK WHYZE 20240319_1239 CDT.pdf
Procedure Name:	SNDAY1
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:39 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
STYCK	WP	N31° 07' 26.4500", W095° 58' 04.6500"	7000	VNAV	200	FLY_BY	TF
WHYZE	WP	N30° 44' 36.7502", W096° 28' 41.7644"	7000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KHOU [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 SNDAY1 path STYCK_WHYZE

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	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled	98.2 %	98.2 %
2	TNV	N30° 17' 18.6954", W096° 03' 29.6635"	8.0 E	130	H	IFPA	NO	Enabled	22.8 %	22.8 %
3	GNL	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	L	IFPA	NO	Enabled	61.9 %	61.9 %
4	CLL	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	L	IFPA	NO	Enabled	100 %	100 %
5	LOA	N31° 07' 26.4630", W095° 58' 04.6420"	8.0 E	40	L	IFPA	NO	Enabled	91.2 %	91.2 %
6	TPL	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	L	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GNL	CLL	TPL			
0.6	GNL	CLL	TPL	ELA		
3.1	GNL	LOA	CLL	TPL	ELA	
21.6	TPL	CLL	ELA	LOA		
26.9	TPL	CLL	TNV	LOA	ELA	

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

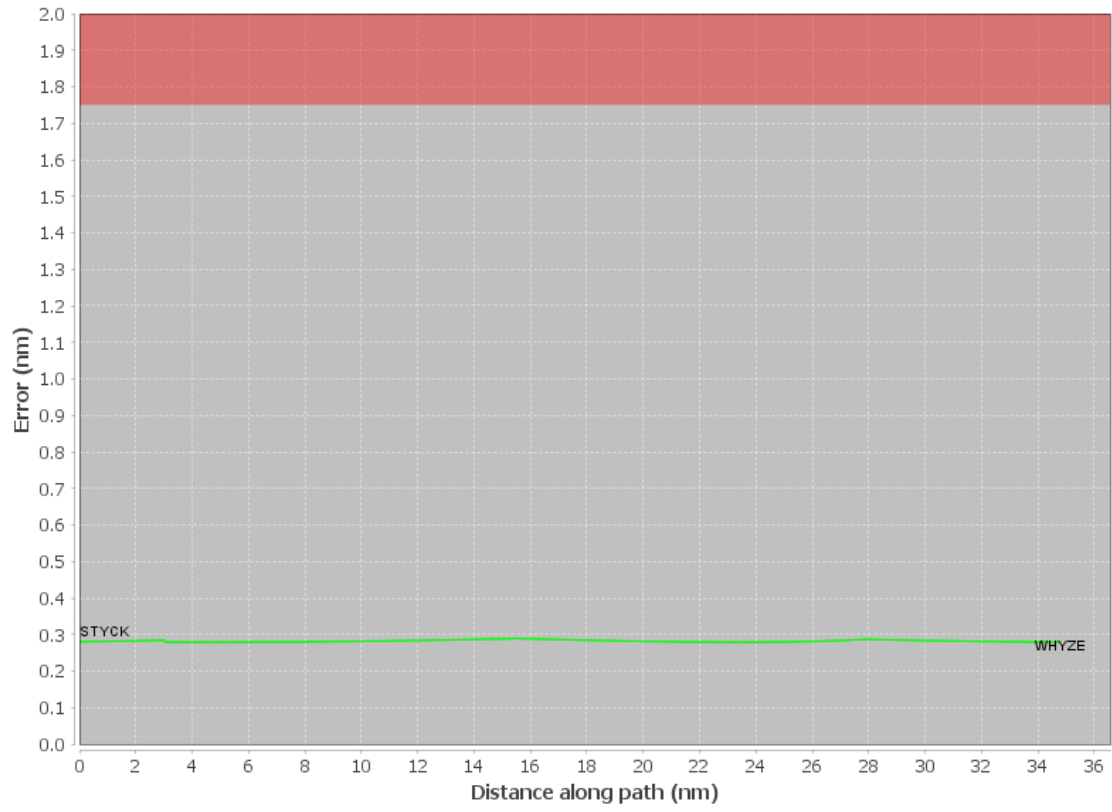
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
STYCK	WHYZE	TPL, CLL, GNL, ELA, TNV, LOA	

DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

User Data Files								
#	File Name							
1	UserDMEsKHOU [IFPA] SNDAY1 RNAV STAR_20240306_0848 CST.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CWK FAA 970907-052 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-052	
	ESV:	Bearing [True]: 341.0° to 54.0° Bearing [Mag]: 335.0° to 48.0°				Arc Distance: Out to 50.0 NM Altitude: 6900.0 to 17000.0 ft		
2	GNL FAA 960994-012 GNL [IFPA]	N31° 34' 53.3159", W096° 32' 56.7217"	0.0 E	40	514.1	null	GNL FAA 960994-012	
	ESV:	Bearing [True]: 131.0° to 164.0° Bearing [Mag]: 131.0° to 164.0°				Arc Distance: Out to 48.0 NM Altitude: 6900.0 to 18600.0 ft		
3	CWK FAA 970907-051 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-051	
	ESV:	Bearing [True]: 299.0° to 325.0° Bearing [Mag]: 293.0° to 319.0°				Arc Distance: Out to 81.0 NM Altitude: 6900.0 to 15100.0 ft		
4	CLL FAA 672118-054 CLL [IFPA]	N30° 36' 18.0062", W096° 25' 14.4507"	8.0 E	40	264.4	113.3	CLL FAA 672118-054	
	ESV:	Bearing [True]: 283.0° to 293.0° Bearing [Mag]: 275.0° to 285.0°				Arc Distance: Out to 93.0 NM Altitude: 6900.0 to 18300.0 ft		
5	ACT FAA 704207-102 ACT [IFPA]	N31° 39' 44.0317", W097° 16' 08.4498"	9.0 E	130	507.1	115.3	ACT FAA 704207-102	
	ESV:	Bearing [True]: 205.0° to 228.0° Bearing [Mag]: 196.0° to 219.0°				Arc Distance: Out to 59.0 NM Altitude: 6900.0 to 15100.0 ft		
6	TPL FAA 882321-030 TPL [IFPA]	N31° 12' 33.6090", W097° 25' 29.8810"	0.0 E	40	710.2	null	TPL FAA 882321-030	
	ESV:	Bearing [True]: 90.0° to 127.0° Bearing [Mag]: 90.0° to 127.0°				Arc Distance: Out to 79.0 NM Altitude: 6900.0 to 18800.0 ft		
7	CQY FAA 941418-052 CQY [IFPA]	N32° 11' 08.6000", W096° 13' 05.1700"	6.0 E	40	400	114.8	CQY FAA 941418-052	
	ESV:	Bearing [True]: 213.0° to 231.0° Bearing [Mag]: 207.0° to 225.0°				Arc Distance: Out to 53.0 NM Altitude: 6900.0 to 18400.0 ft		

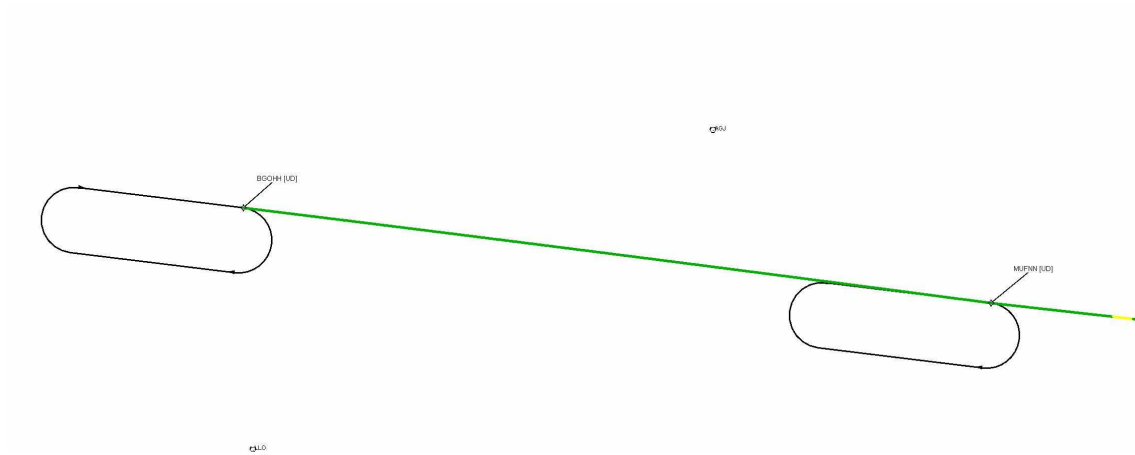
DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

DME Error



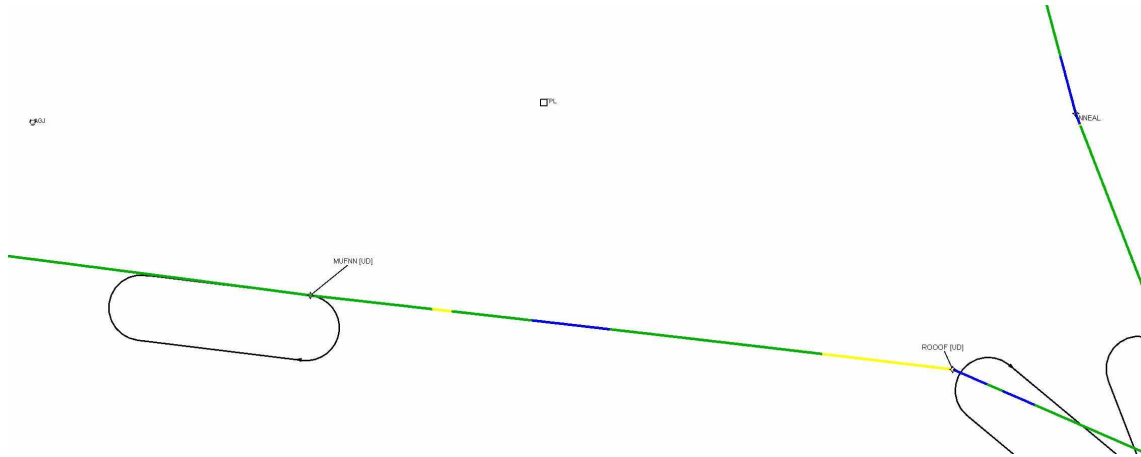
DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 1



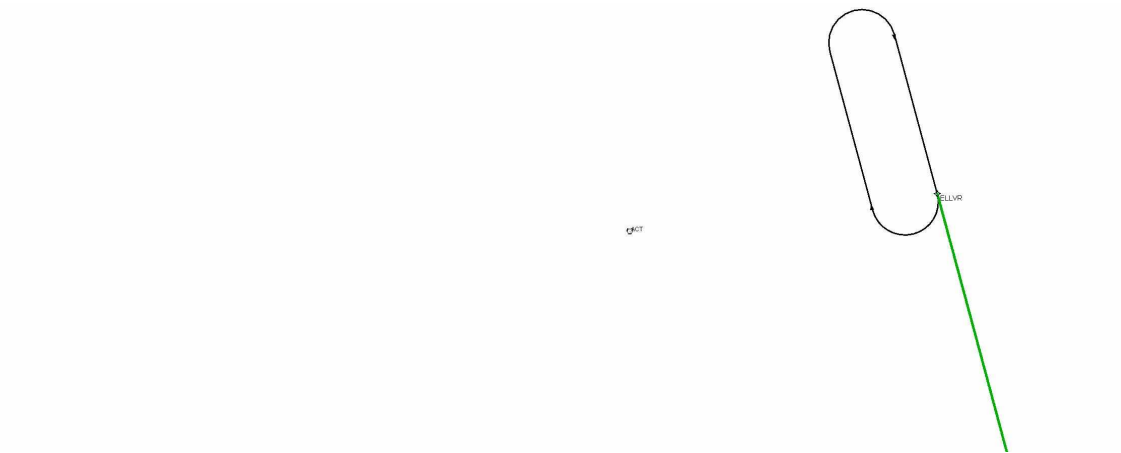
DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 2



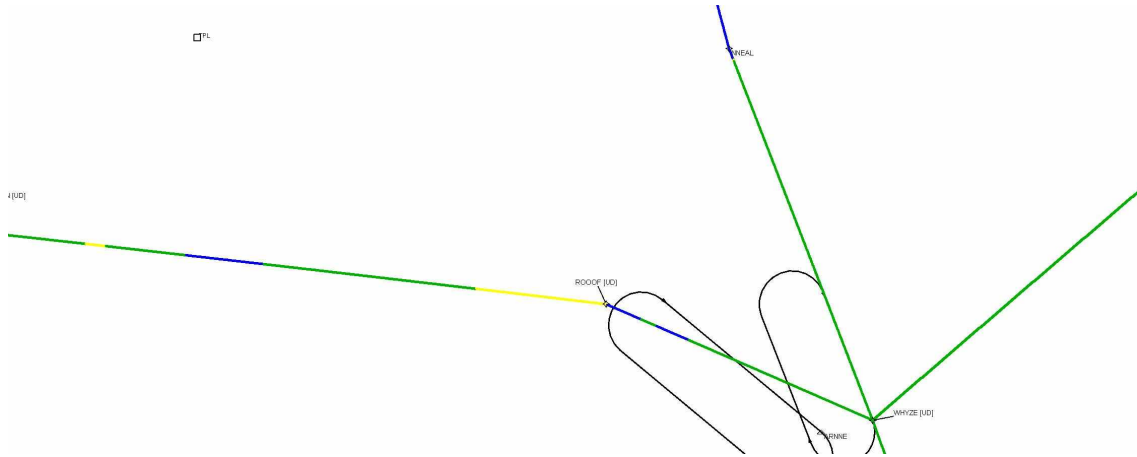
DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 3



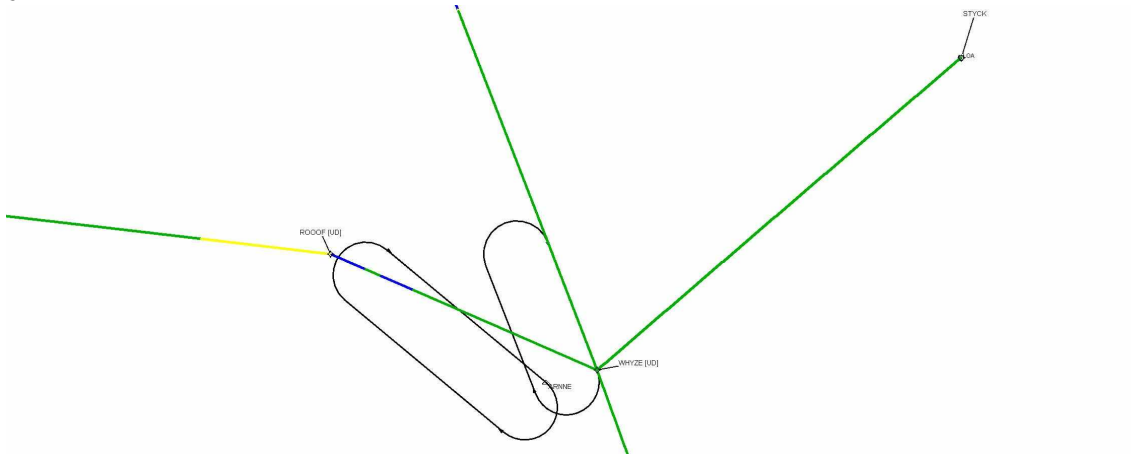
DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 4



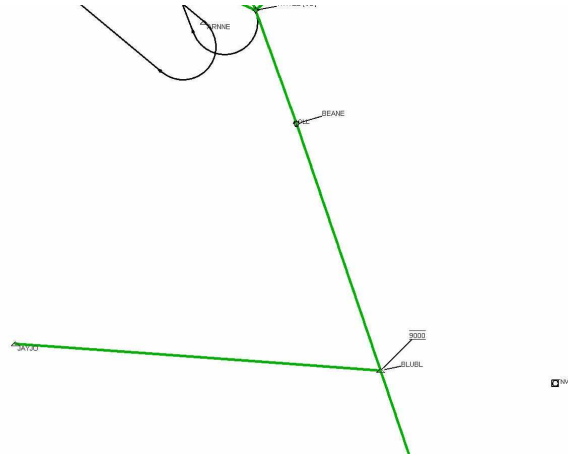
DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 5



DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 6



DME DME Assessment Results for SNDAY1 path STYCK_WHYZE

Graphic Depiction 7

