

DME DME Assessment Results for WAPPL7 path AEX_WAPPL

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\AEX_WAPPL\KHOU WAPPL7 RNAV STAR AEX WAPPL 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
AEX	WP	N31° 15' 24.2339", W092° 30' 03.5007"	10000	VNAV	280	FLY_BY	TF
BRWCK	WP	N30° 35' 13.6300", W093° 42' 21.7100"	10000	VNAV	280	FLY_BY	TF
WAPPL	WP	N30° 13' 54.8400", W094° 19' 50.3300"	7000	VNAV	280	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 WAPPL7 path AEX_WAPPL

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	LFK	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	H	IFPA	NO	Enabled		
2	LCH	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	H	IFPA	NO	Enabled		
3	SWB	N31° 58' 23.5000", W092° 40' 37.5200"	2.0 E	130	DH	IFPA	NO	Enabled		
4	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
5	BPT	N29° 56' 45.7945", W094° 00' 58.3948"	0.0 E	40	L	IFPA	NO	Enabled		
6	AEX	N31° 15' 24.2339", W092° 30' 03.5007"	3.0 E	130	H	IFPA	NO	Enabled		
7	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
8	DAS	N30° 11' 22.9622", W094° 38' 41.9440"	5.0 E	130	H	IFPA	NO	Enabled		

DME DME Assessment Results for WAPPL7 path AEX_WAPPL

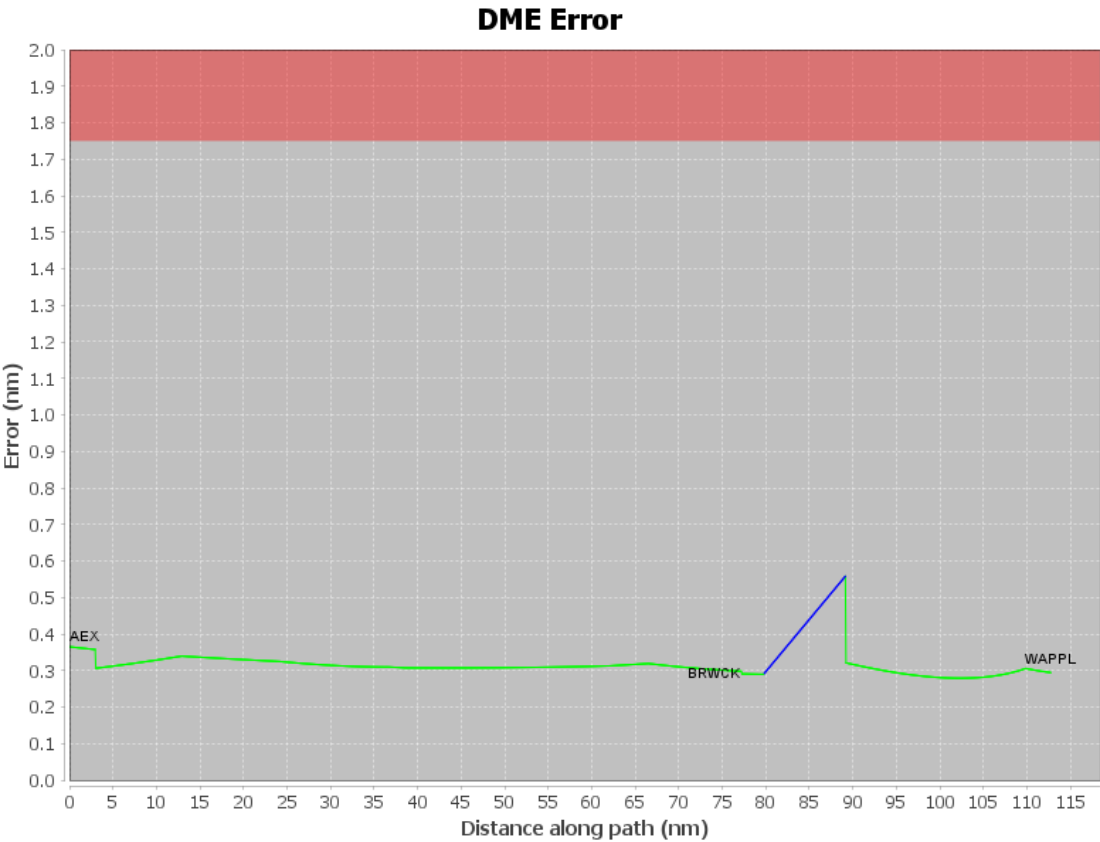
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LFK [IFPA]	SWB [IFPA]	LCH [IFPA]			
3.0	SWB [IFPA]	AEX [IFPA]	LFK [IFPA]	LCH [IFPA]		
39.9	LFK [IFPA]	SWB [IFPA]	LCH [IFPA]			
42.7	LFK [IFPA]	SWB [IFPA]	LCH [IFPA]	MHF [IFPA]		
61.0	LFK [IFPA]	SWB [IFPA]	LCH [IFPA]	MHF [IFPA]	VUH [IFPA]	
76.9	LCH [IFPA]	MHF [IFPA]	LFK [IFPA]	VUH [IFPA]		
77.3	LCH [IFPA]	MHF [IFPA]	VUH [IFPA]			
79.2	LCH [IFPA]	MHF [IFPA]				
79.4	LCH [IFPA]	BPT [IFPA]	MHF [IFPA]			
79.8						
89.2	BPT [IFPA]	DAS [IFPA]				
90.1	BPT [IFPA]	DAS [IFPA]	MHF [IFPA]			
91.1	BPT [IFPA]	DAS [IFPA]	MHF [IFPA]	VUH [IFPA]		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 32' 02.1200", W093° 48' 00.7203"	N30° 26' 52.6316", W093° 57' 06.8782"	9.3987

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
AEX	BRWCK	LFK [IFPA], LCH [IFPA], SWB [IFPA], VUH [IFPA], AEX [IFPA], MHF [IFPA]	
BRWCK	WAPPL	LFK [IFPA], LCH [IFPA], SWB [IFPA], VUH [IFPA], BPT [IFPA], MHF [IFPA], DAS [IFPA]	

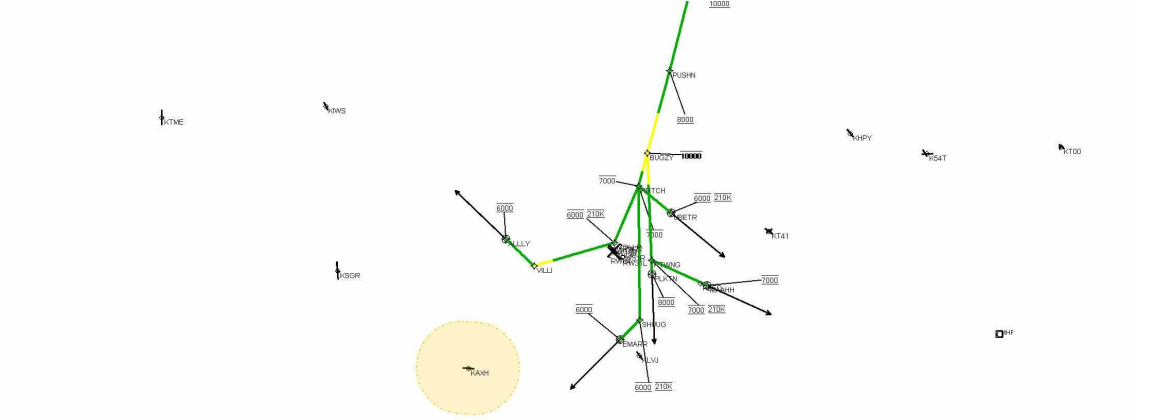
DME DME Assessment Results for WAPPL7 path AEX_WAPPL

User Data Files								
#	File Name							
1	UserDMesKHOU [IFPA] WAPPL7 RNAV STAR_20240607_1106 CDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		



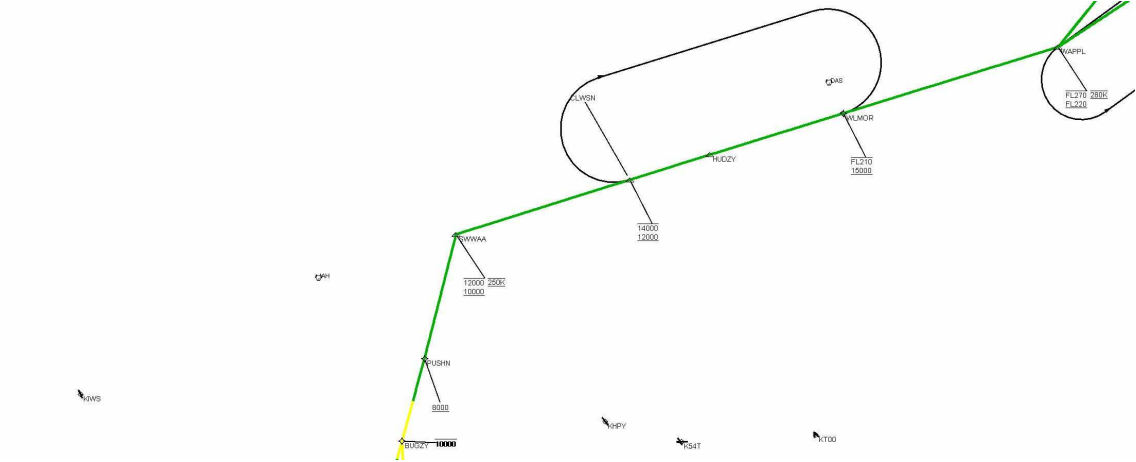
DME DME Assessment Results for WAPPL7 path AEX_WAPPL

Graphic Depiction 1



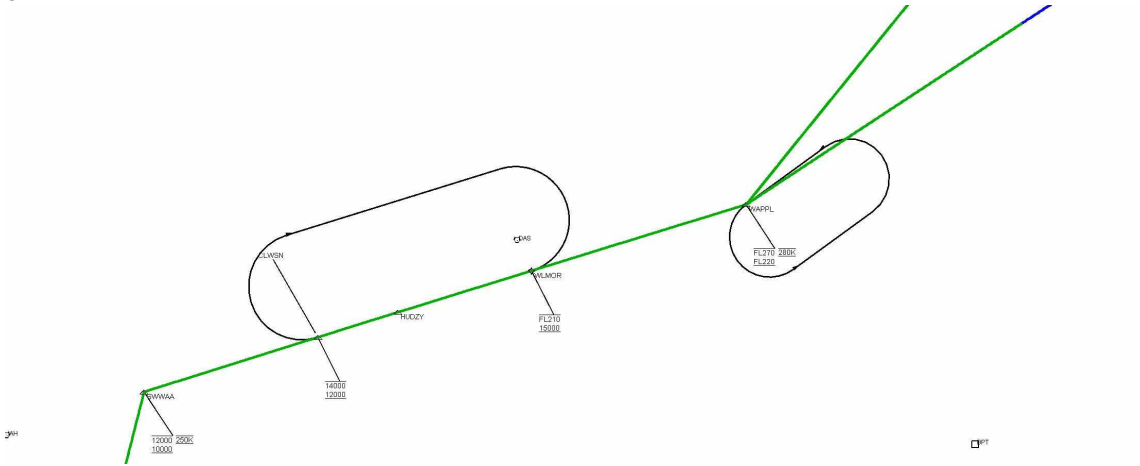
DME DME Assessment Results for WAPPL7 path AEX_WAPPL

Graphic Depiction 2



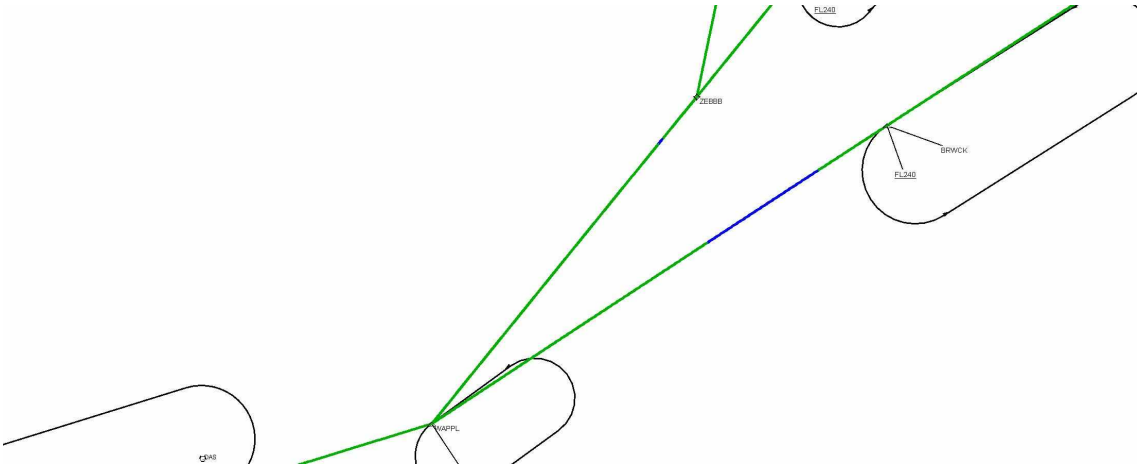
DME DME Assessment Results for WAPPL7 path AEX_WAPPL

Graphic Depiction 3

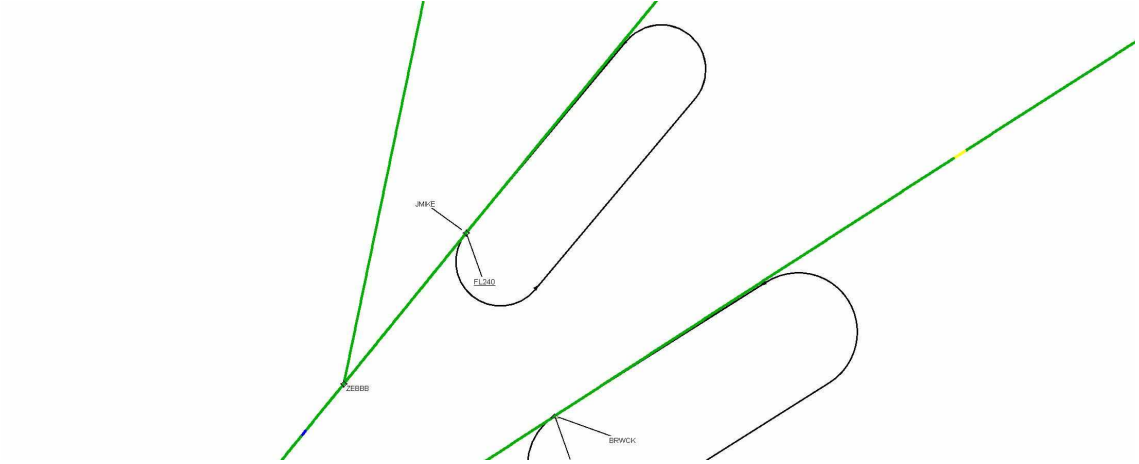


DME DME Assessment Results for WAPPL7 path AEX_WAPPL

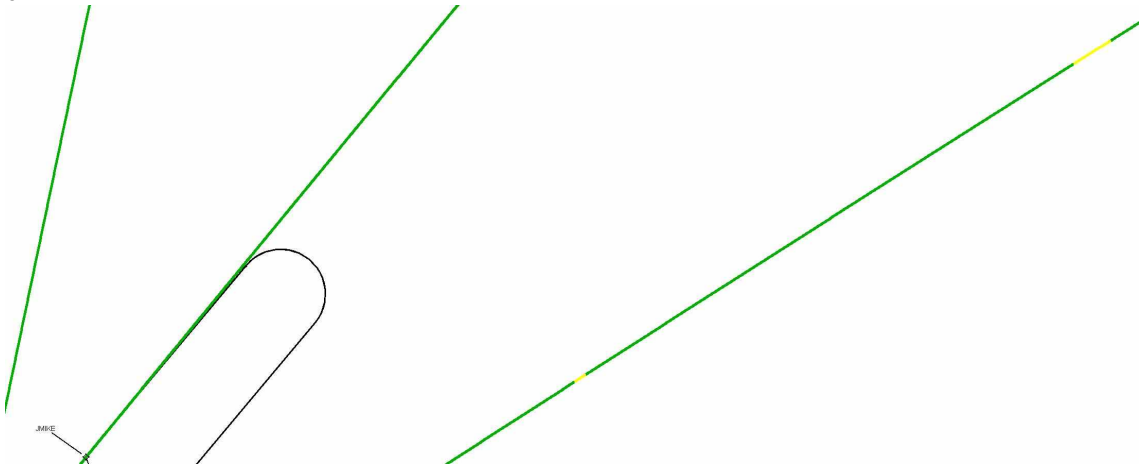
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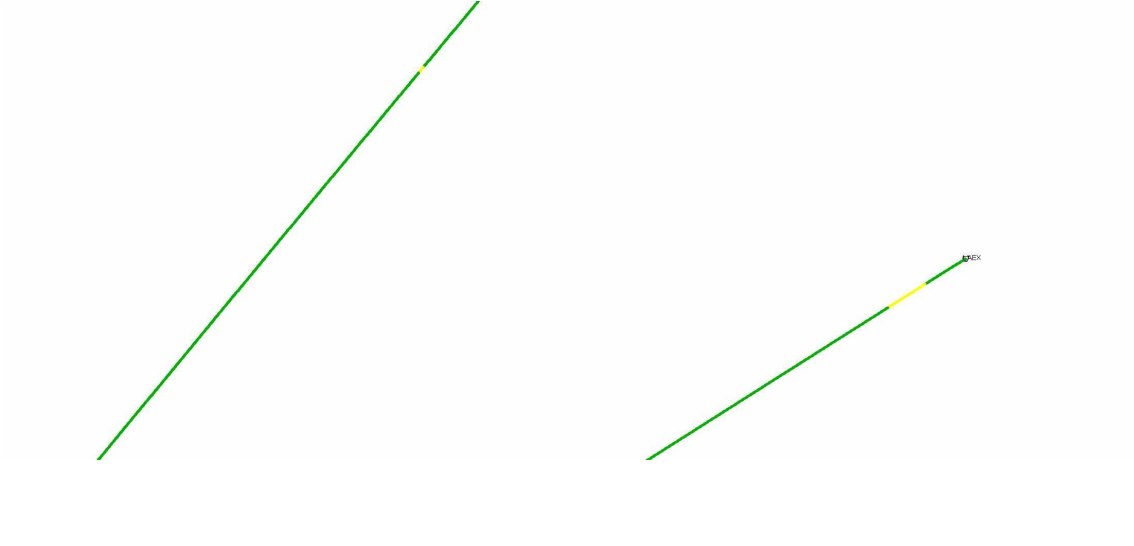
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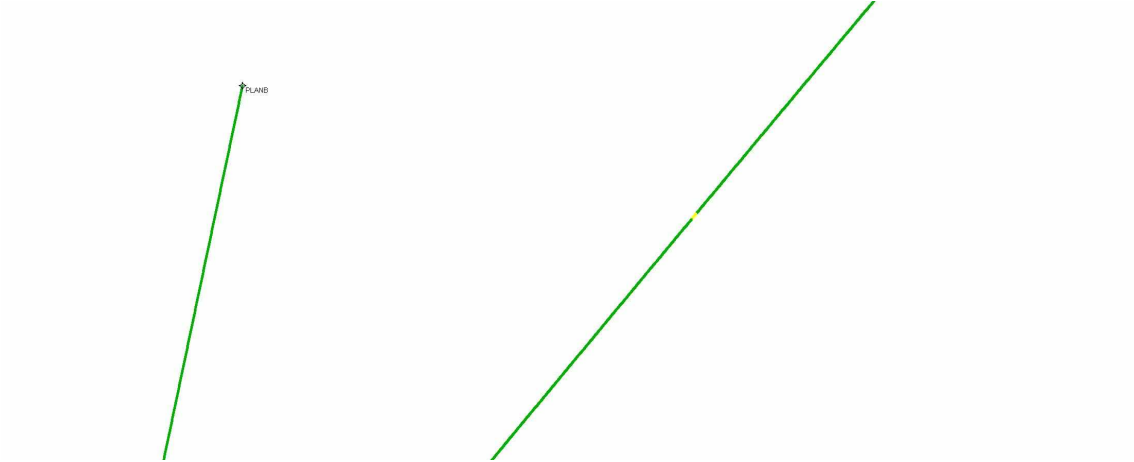
Graphic Depiction 6



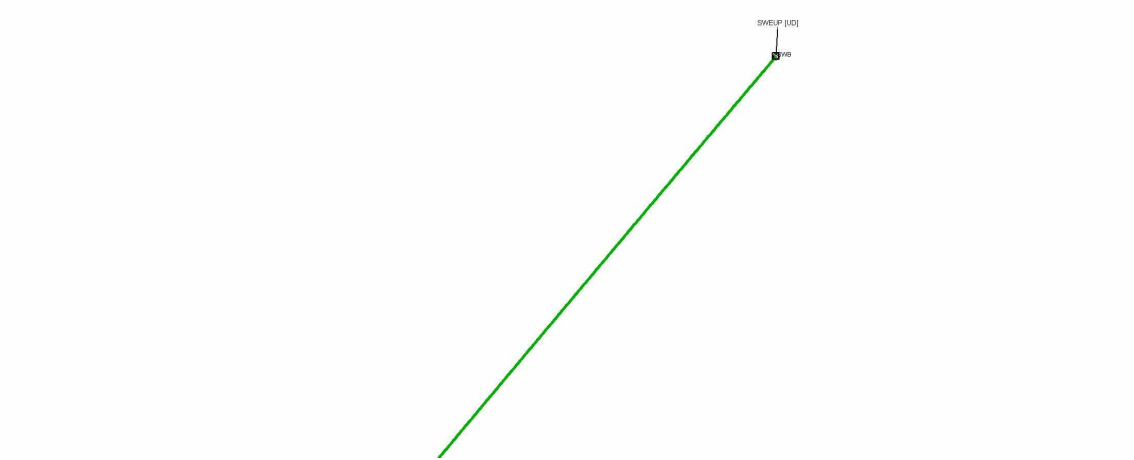
Graphic Depiction 7



Graphic Depiction 8



Graphic Depiction 9



DME DME Assessment Results for WAPPL7 path BUGZY_MAAHH

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\BUGZY_MAAHH\KHOU WAPPL7 RNAV STAR BUGZY MAAHH 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
BUGZY	WP	N29° 45' 44.1200", W095° 13' 52.5600"	7000	VNAV	250	FLY_BY	TF
RTWNG	WP	N29° 38' 06.4800", W095° 13' 32.3900"	5000	VNAV	210	FLY_BY	TF
MAAHH	WP	N29° 36' 17.4200", W095° 08' 56.1600"	5000	VNAV	210	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 WAPPL7 path BUGZY_MAAHH

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	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
2	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled		
3	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
4	DAS	N30° 11' 22.9622", W094° 38' 41.9440"	5.0 E	130	H	IFPA	NO	Enabled		
5	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	VUH [IFPA]	DAS [IFPA]	IAH [IFPA]	ELA [IFPA]	MHF [IFPA]	
0.3	IAH [IFPA]	ELA [IFPA]	VUH [IFPA]	MHF [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BUGZY	RTWNG	VUH [IFPA], ELA [IFPA], MHF [IFPA], DAS [IFPA], IAH [IFPA]	
RTWNG	MAAHH	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	

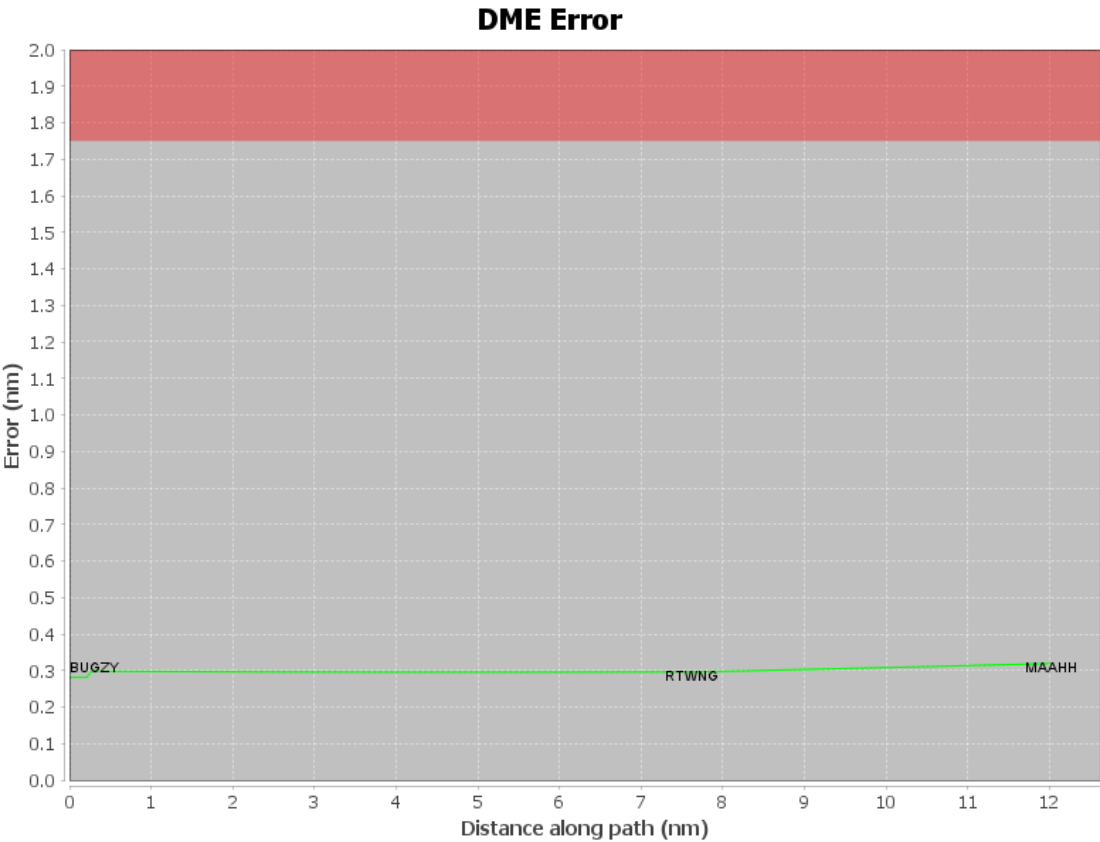
DME DME Assessment Results for WAPPL7 path BUGZY_MAAHH

User Data Files

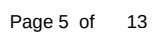
#	File Name
1	UserDMesKHOU [IFPA] WAPPL7 RNAV STAR_20240607_1106 CDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		

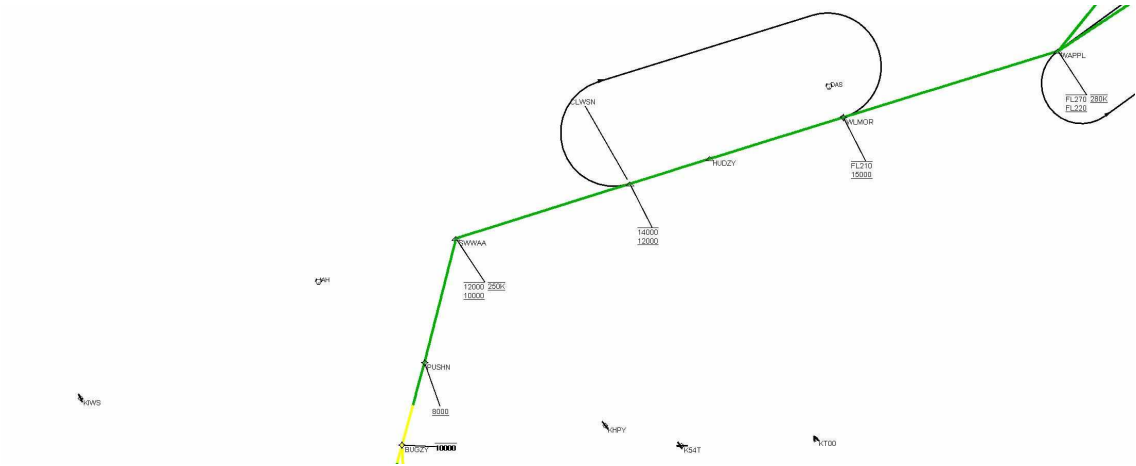


Graphic Depiction 1



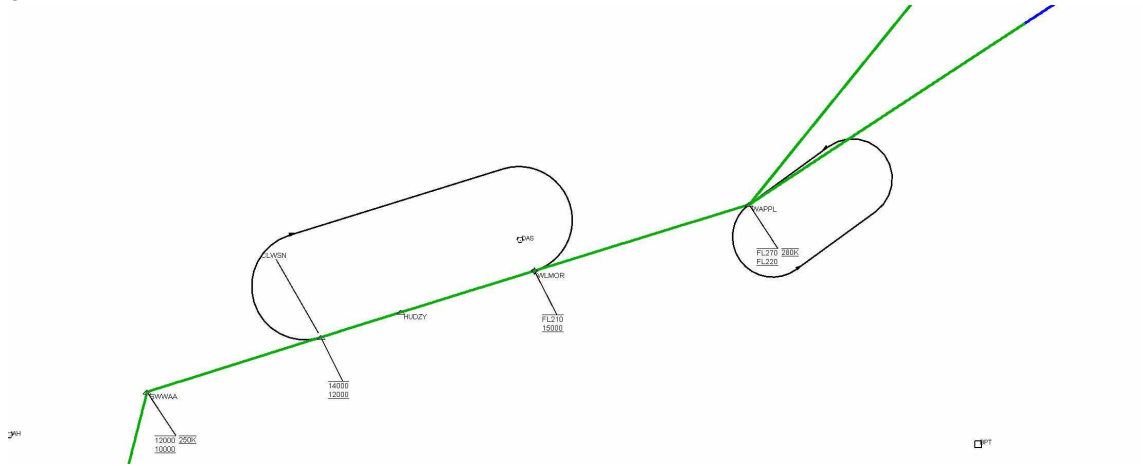
DME DME Assessment Results for WAPPL7 path BUGZY_MAAHH

Graphic Depiction 2



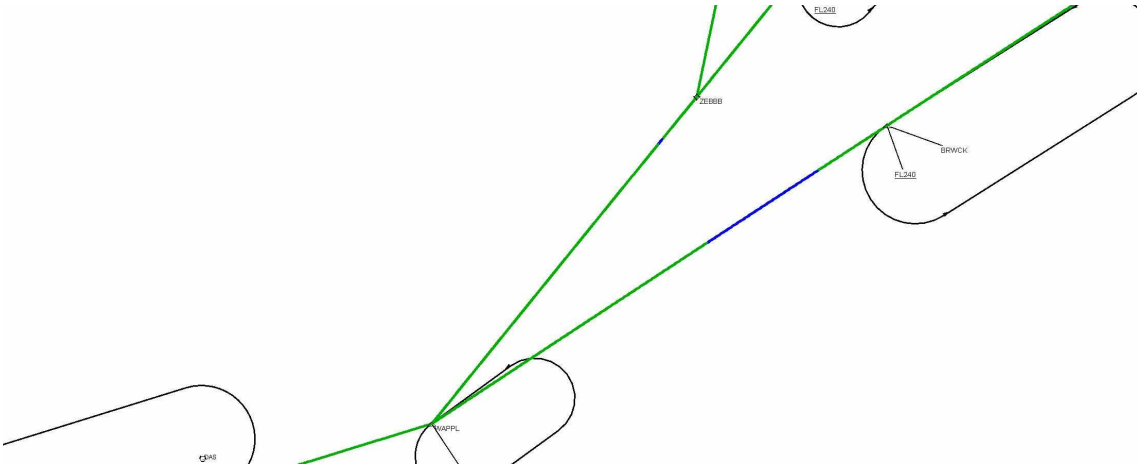
DME DME Assessment Results for WAPPL7 path BUGZY_MAAHH

Graphic Depiction 3

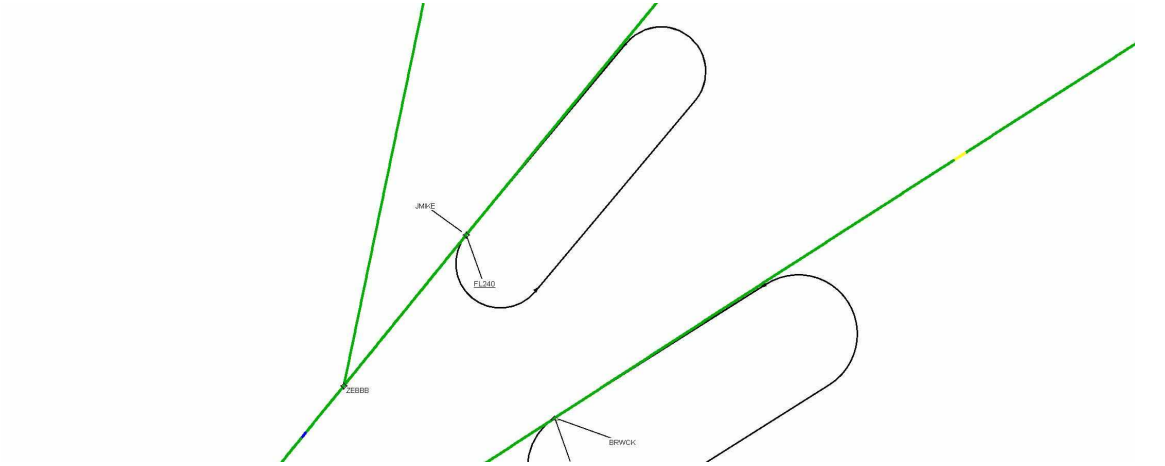


DME DME Assessment Results for WAPPL7 path BUGZY_MAAHH

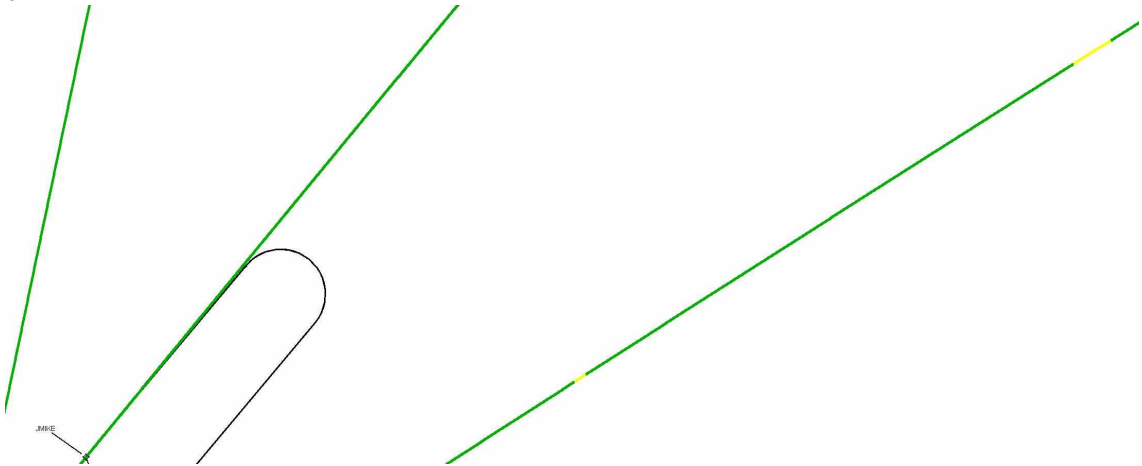
Graphic Depiction 4



Graphic Depiction 5

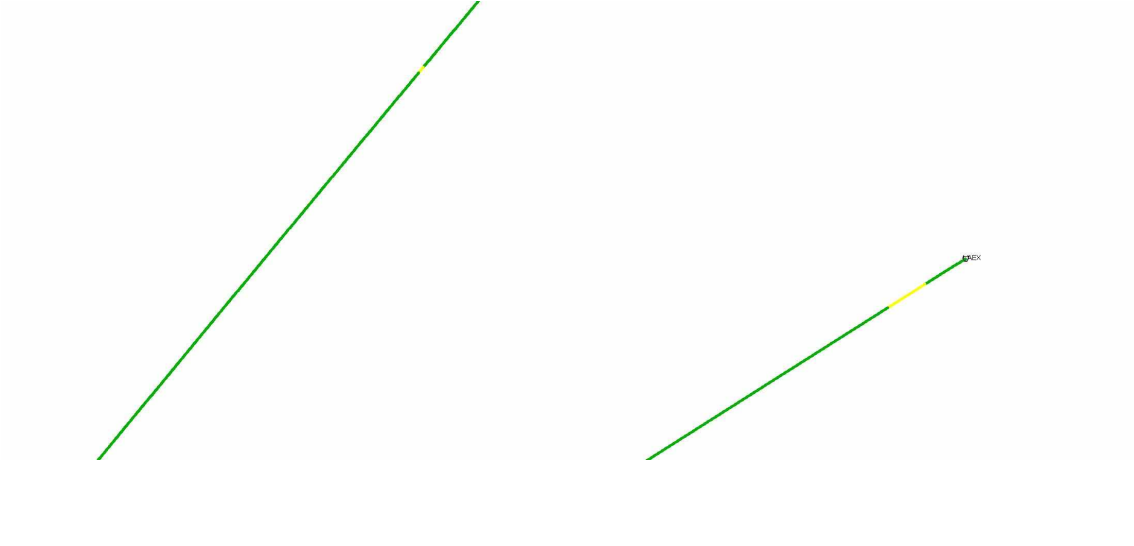


Graphic Depiction 6

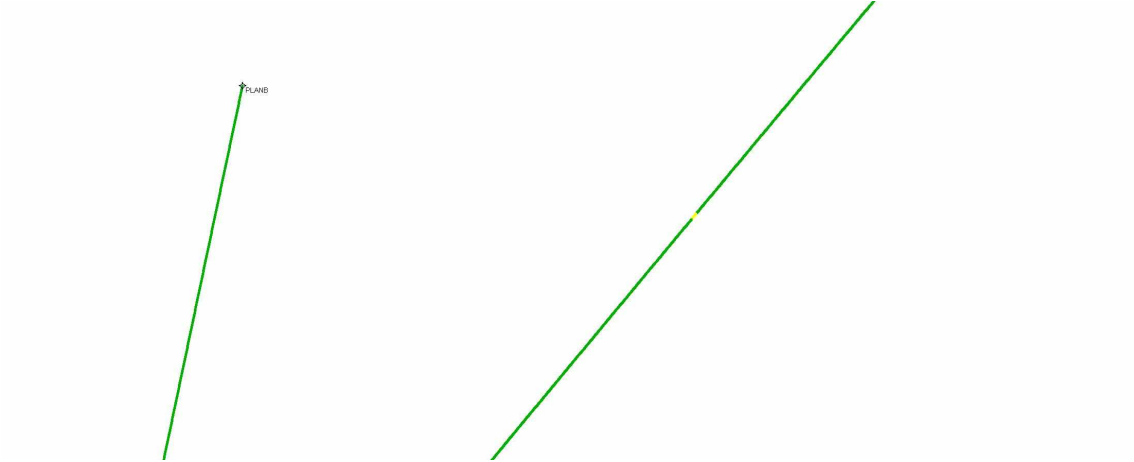


DME DME Assessment Results for WAPPL7 path BUGZY_MAAHH

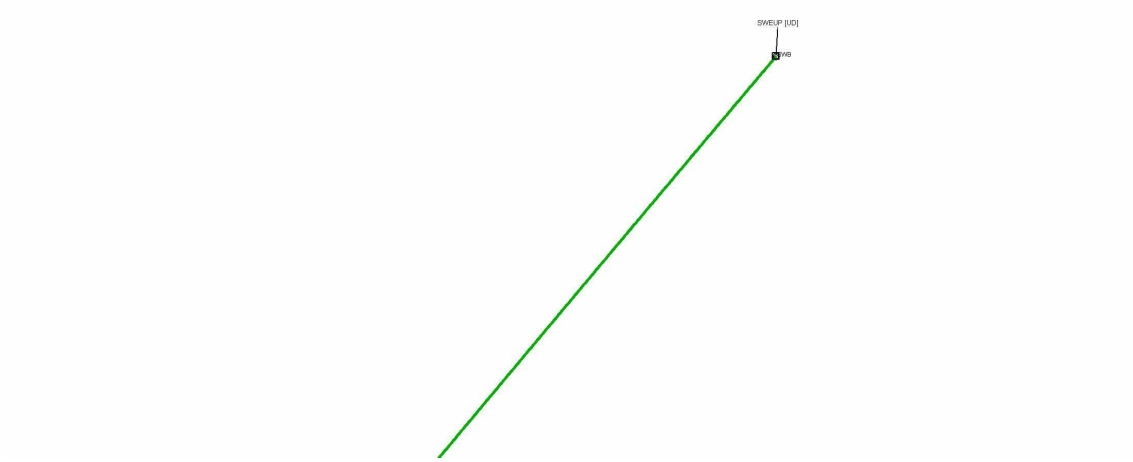
Graphic Depiction 7



Graphic Depiction 8



Graphic Depiction 9



DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\BUGZY_PLKTN\KHOU WAPPL7 RNAV STAR BUGZY PLKTN 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
BUGZY	WP	N29° 45' 44.1200", W095° 13' 52.5600"	7000	VNAV	250	FLY_BY	TF
PLKTN	WP	N29° 37' 06.6300", W095° 13' 29.7600"	7000	VNAV	250	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 WAPPL7 path BUGZY_PLKTN

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	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
2	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled		
3	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
4	DAS	N30° 11' 22.9622", W094° 38' 41.9440"	5.0 E	130	H	IFPA	NO	Enabled		
5	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	VUH [IFPA]	DAS [IFPA]	IAH [IFPA]	ELA [IFPA]	MHF [IFPA]	
0.3	IAH [IFPA]	ELA [IFPA]	VUH [IFPA]	MHF [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BUGZY	PLKTN	VUH [IFPA], ELA [IFPA], MHF [IFPA], DAS [IFPA], IAH [IFPA]	

DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

User Data Files

#	File Name							
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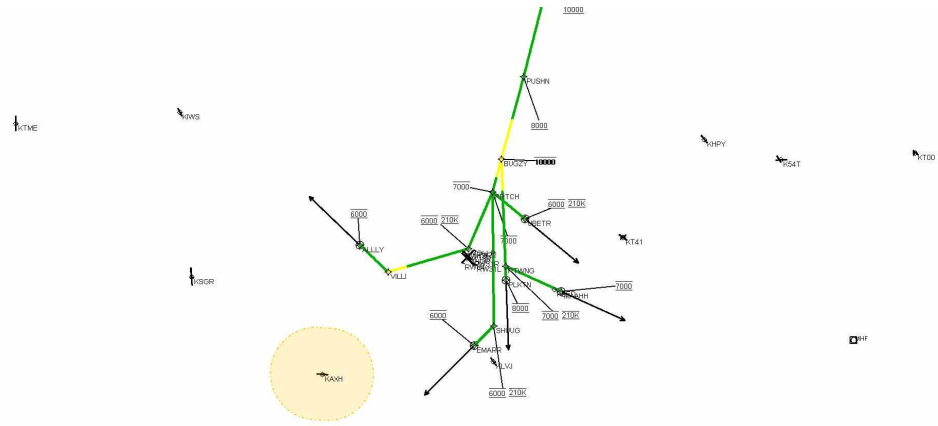
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		

DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

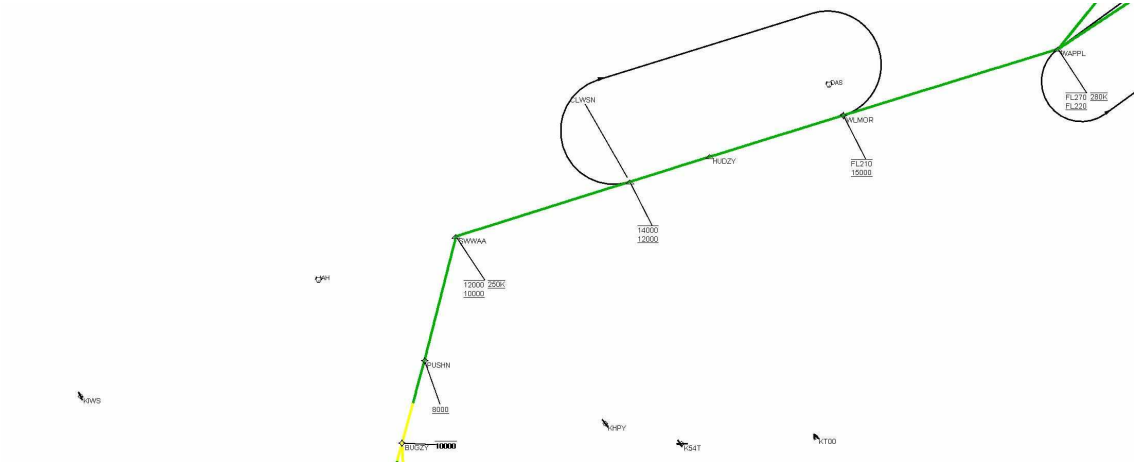


Graphic Depiction 1

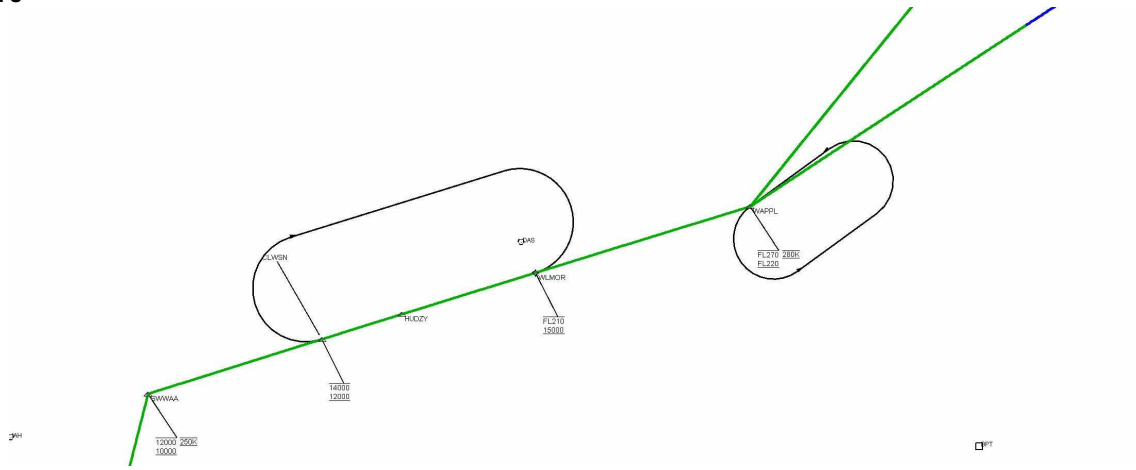


DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

Graphic Depiction 2

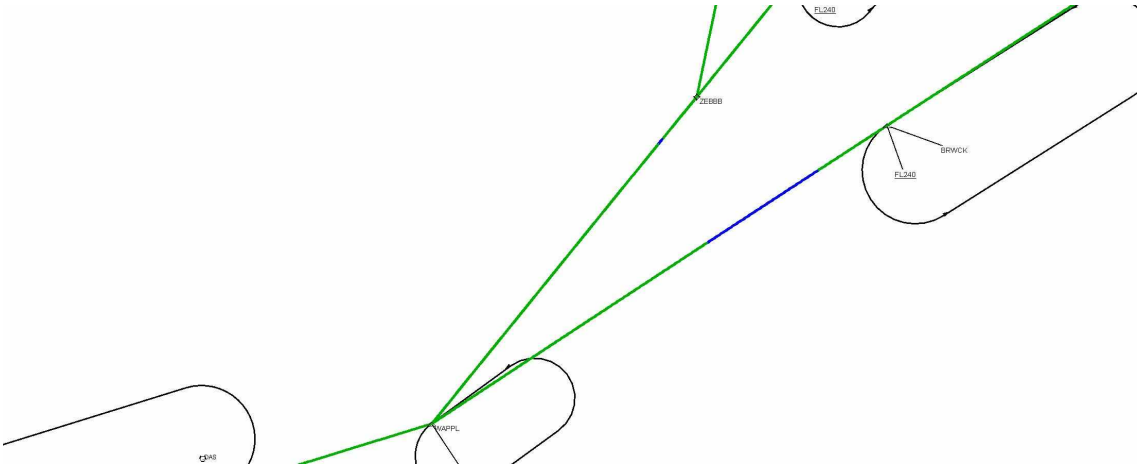


Graphic Depiction 3

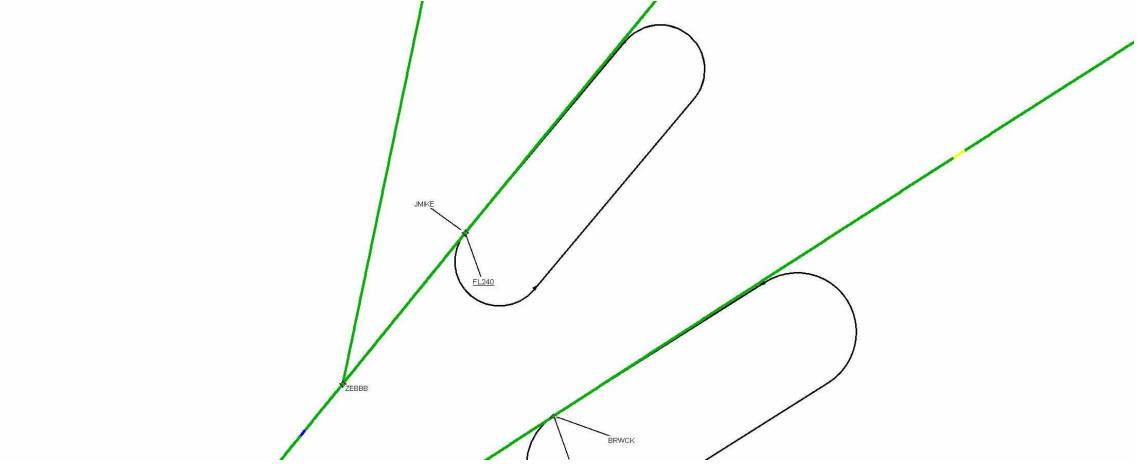


DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

Graphic Depiction 4

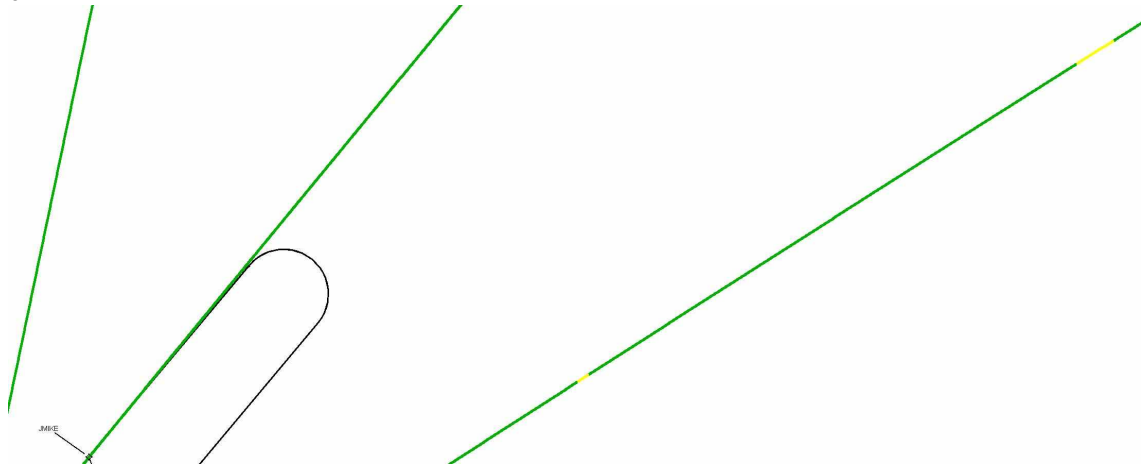


Graphic Depiction 5

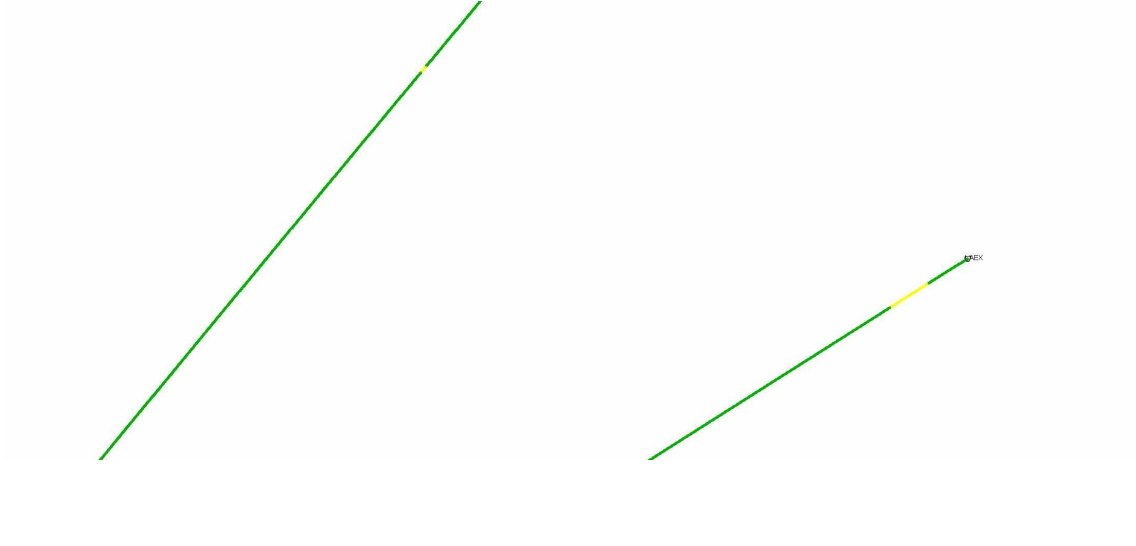


DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

Graphic Depiction 6

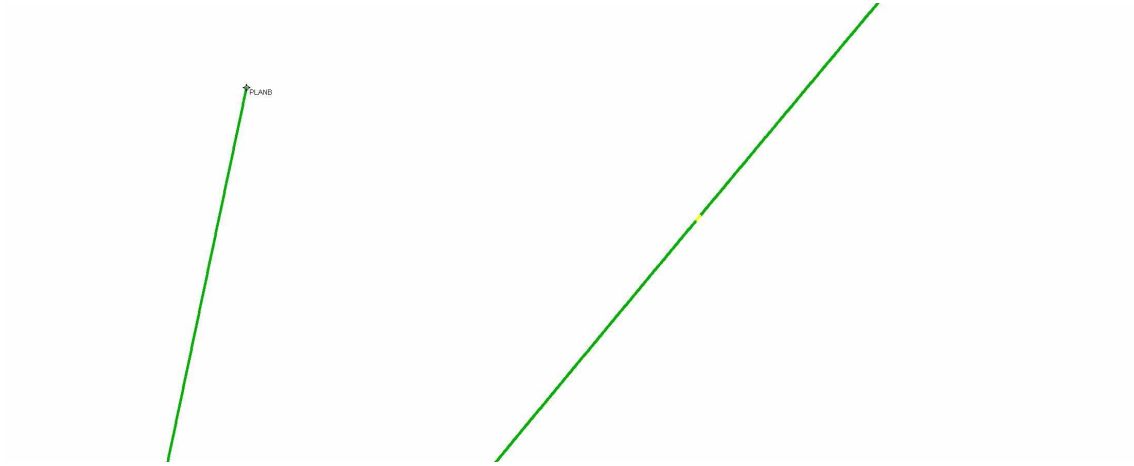


Graphic Depiction 7

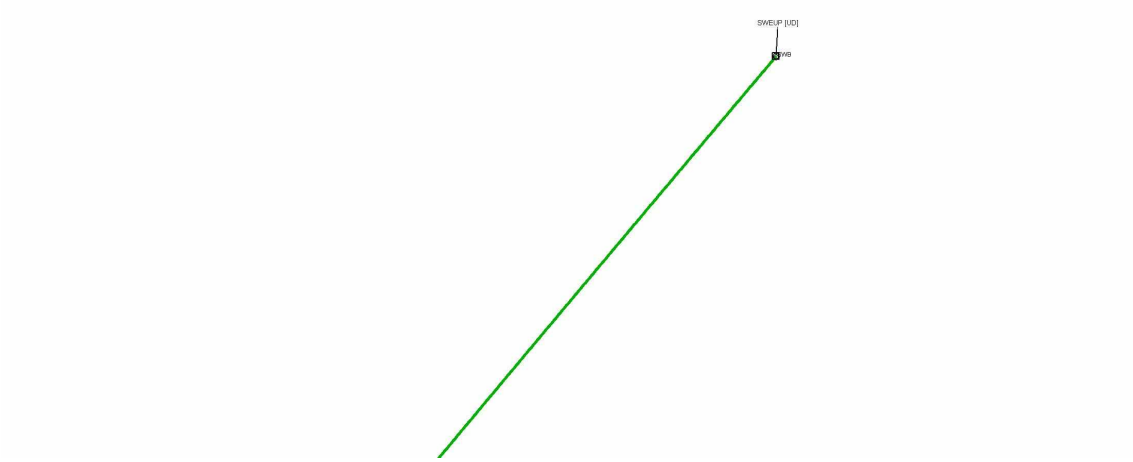


DME DME Assessment Results for WAPPL7 path BUGZY_PLKTN

Graphic Depiction 8



Graphic Depiction 9



DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\PLANB_ZEBBB\KHOU WAPPL7 RNAV STAR PLANB ZEBBB 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
PLANB	WP	N31° 35' 59.2600", W093° 43' 51.5400"	10000	VNAV	280	FLY_BY	TF
ZEBBB	WP	N30° 37' 17.2100", W093° 58' 00.9500"	9000	VNAV	280	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 WAPPL7 path PLANB_ZEBBB

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	LFK	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	H	IFPA	NO	Enabled		
2	LCH	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	H	IFPA	NO	Enabled		
3	SWB	N31° 58' 23.5000", W092° 40' 37.5200"	2.0 E	130	DH	IFPA	NO	Enabled		
4	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
5	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
6	EMG	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	L	IFPA	NO	Enabled		
7	GGG	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GGG [IFPA]	SWB [IFPA]	EMG [IFPA]			
1.6	GGG [IFPA]	LFK [IFPA]	SWB [IFPA]	EMG [IFPA]		
15.6	GGG [IFPA]	SWB [IFPA]	EMG [IFPA]	LFK [IFPA]	LCH [IFPA]	
44.8	LFK [IFPA]	MHF [IFPA]	LCH [IFPA]	SWB [IFPA]	EMG [IFPA]	
45.2	LFK [IFPA]	MHF [IFPA]	LCH [IFPA]	SWB [IFPA]		
47.4	LFK [IFPA]	MHF [IFPA]	LCH [IFPA]	SWB [IFPA]	VUH [IFPA]	
59.0	LCH [IFPA]	MHF [IFPA]	LFK [IFPA]	VUH [IFPA]		

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

DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
PLANB	ZEBBB	LFK [IFPA], LCH [IFPA], SWB [IFPA], VUH [IFPA], MHF [IFPA], EMG [IFPA], GGG [IFPA]	

User Data Files

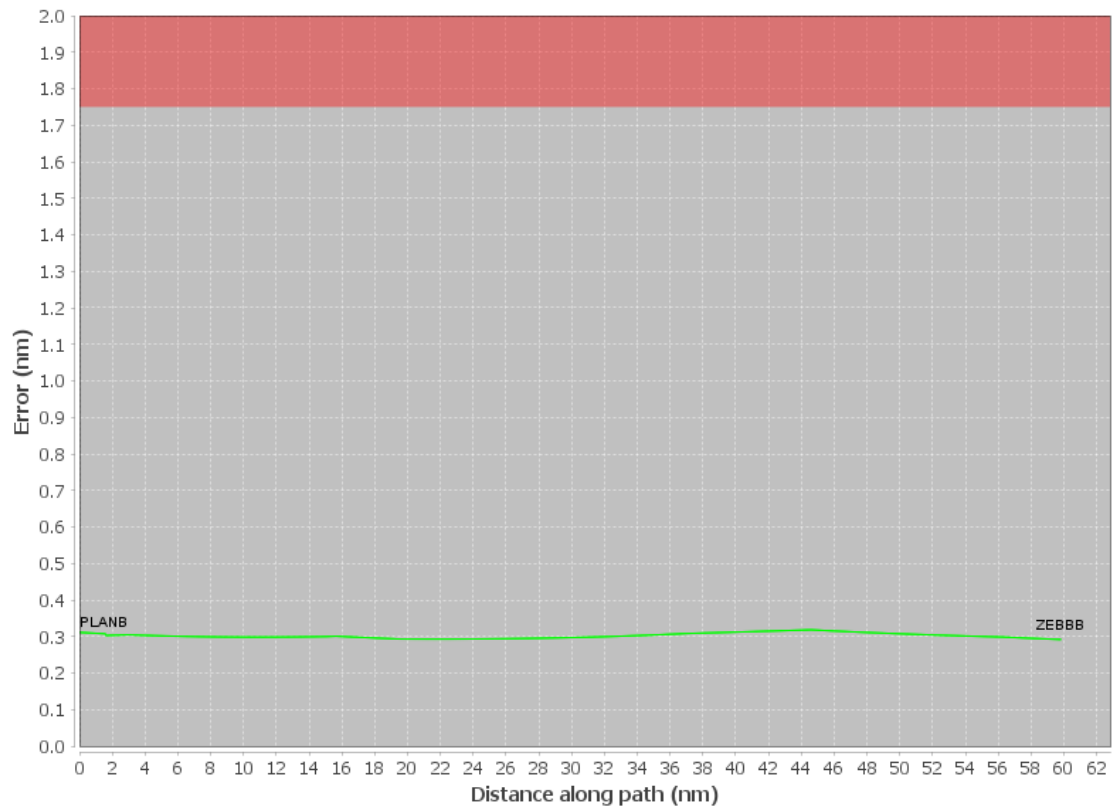
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		

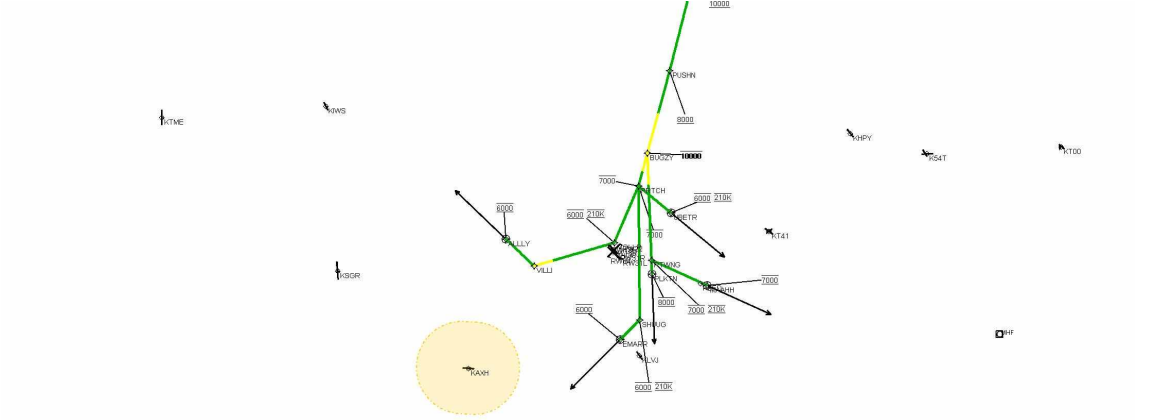
DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

DME Error



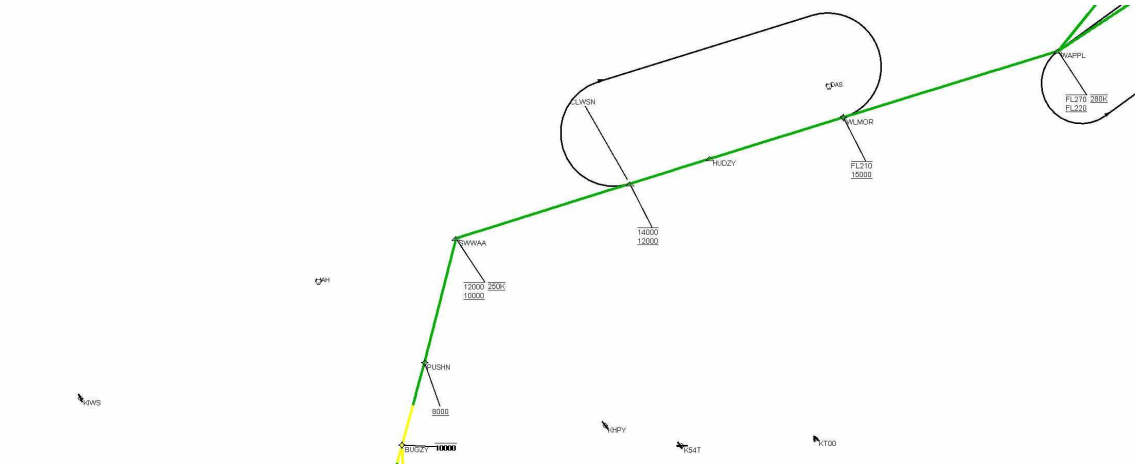
DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

Graphic Depiction 1



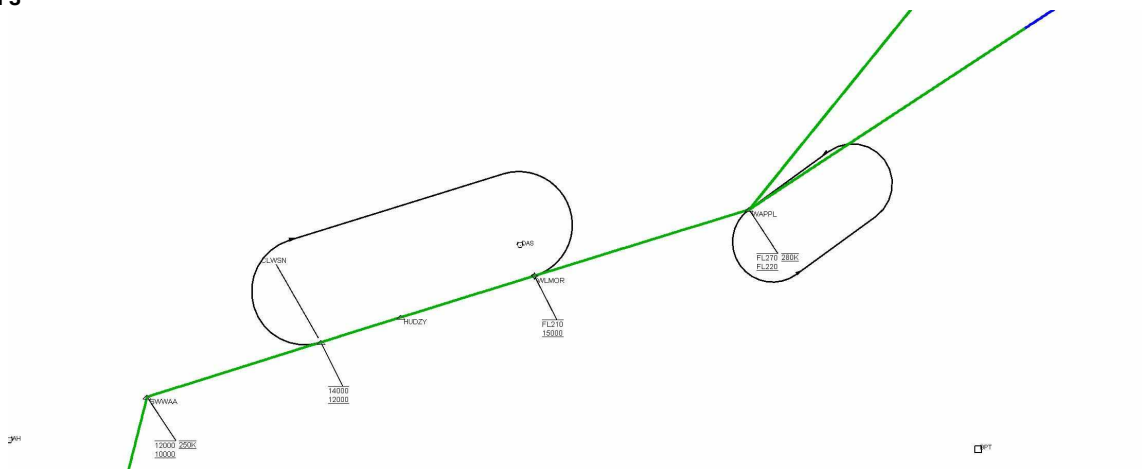
DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

Graphic Depiction 2



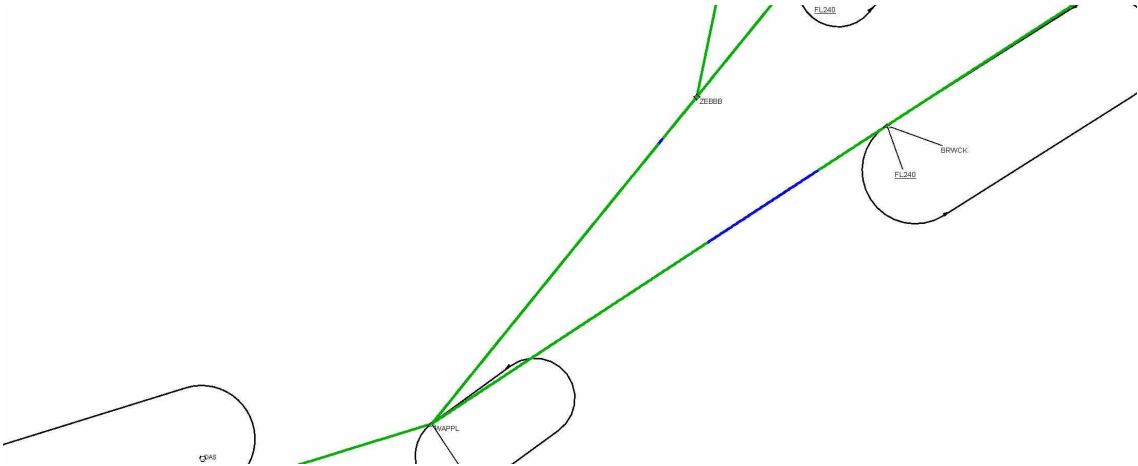
DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

Graphic Depiction 3

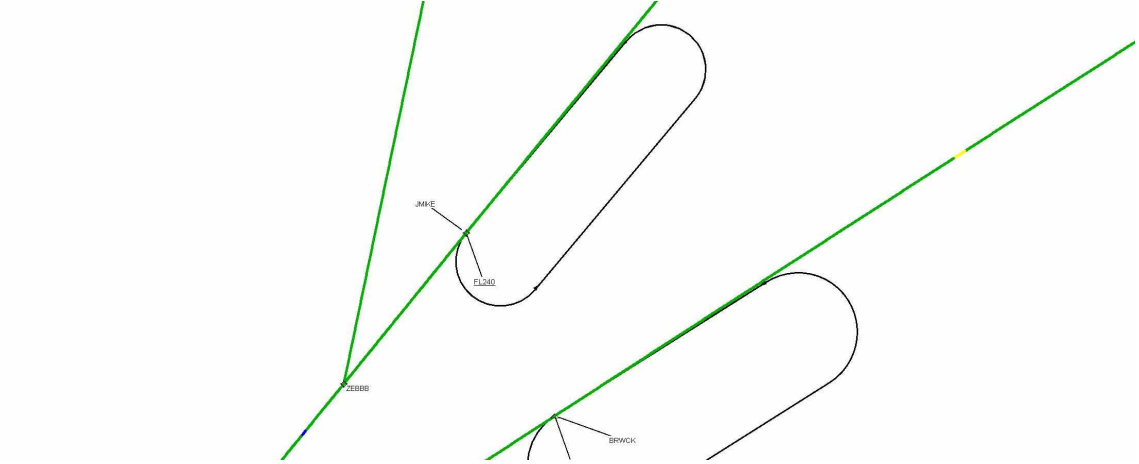


DME DME Assessment Results for WAPPL7 path PLANB_ZEBBB

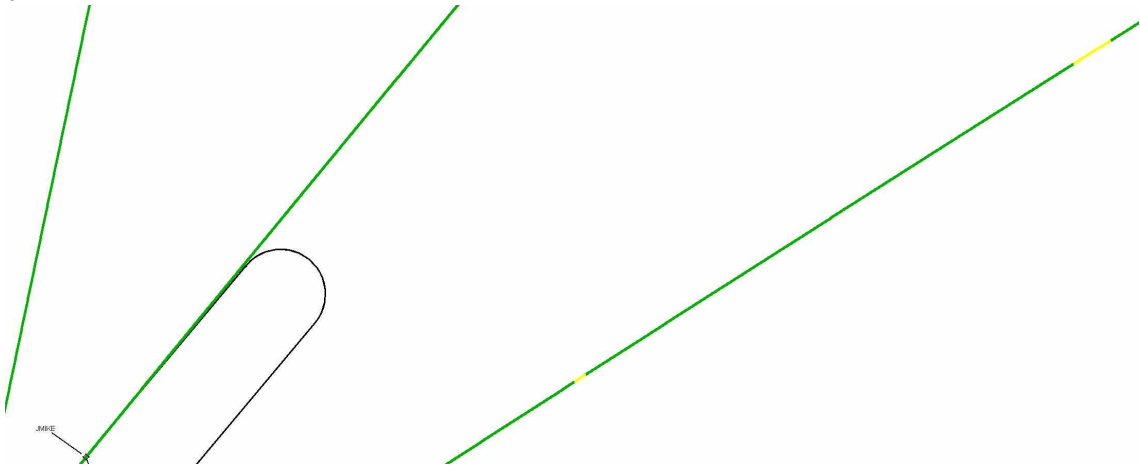
Graphic Depiction 4



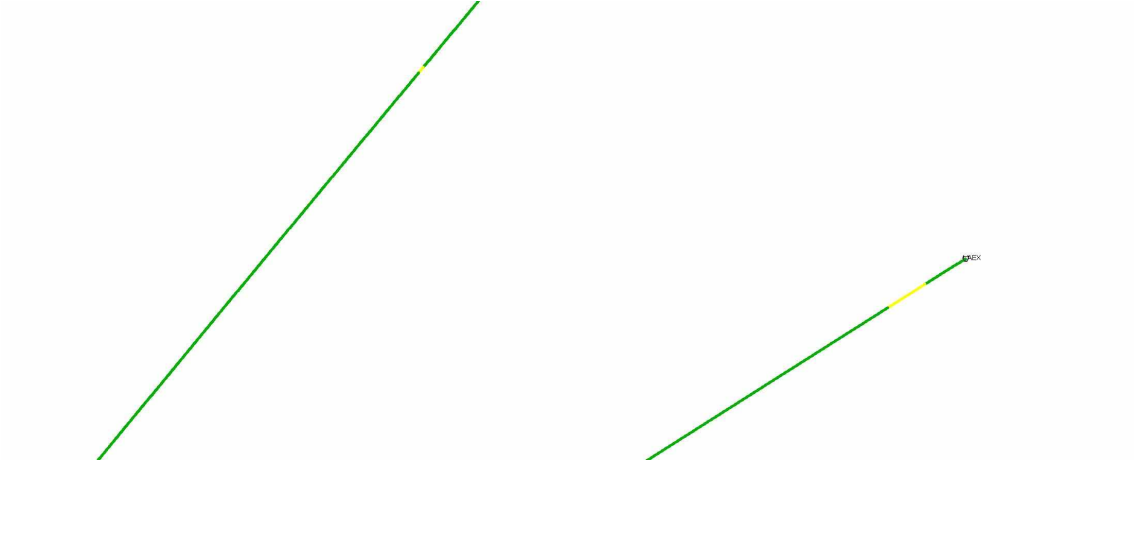
Graphic Depiction 5



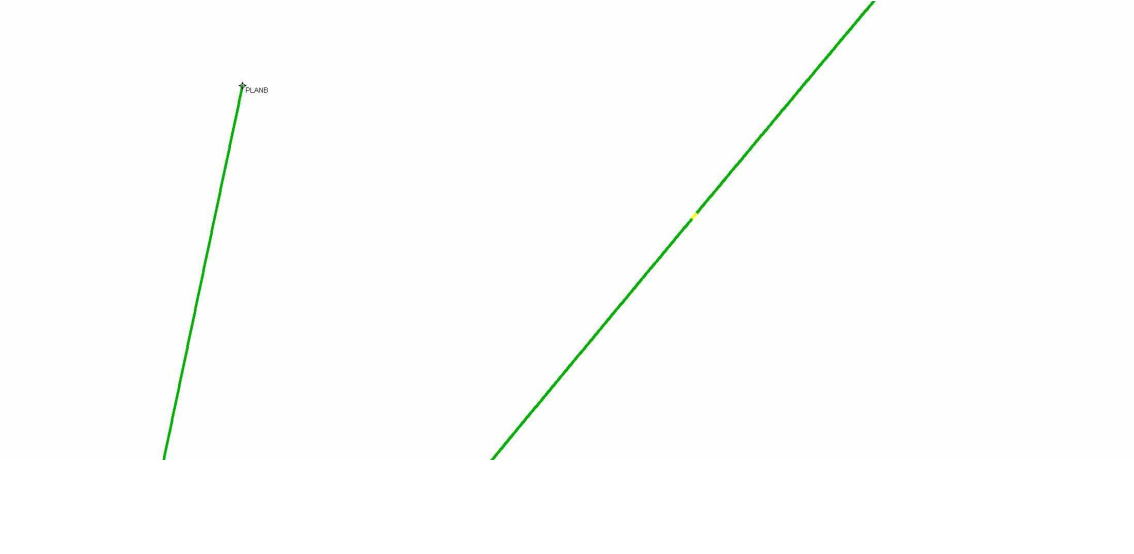
Graphic Depiction 6



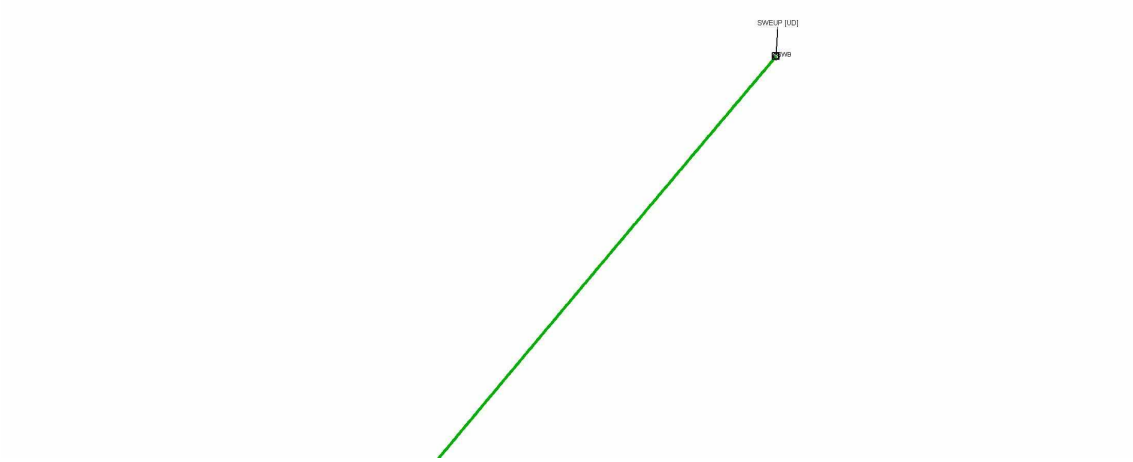
Graphic Depiction 7



Graphic Depiction 8



Graphic Depiction 9



DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\PRTCH_EMARR\KHOU WAPPL7 RNAV STAR PRTCH EMARR 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
PRTCH	WP	N29° 43' 23.5400", W095° 14' 35.9200"	6000	VNAV	250	FLY_BY	TF
SHUUG	WP	N29° 33' 49.4000", W095° 14' 30.2800"	5000	VNAV	210	FLY_BY	TF
EMARR	WP	N29° 32' 24.3300", W095° 16' 07.5600"	5000	VNAV	210	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 WAPPL7 path PRTCH_EMARR

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	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
2	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled		
3	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
4	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IAH [IFPA]	ELA [IFPA]	VUH [IFPA]	MHF [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PRTCH	SHUUG	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	
SHUUG	EMARR	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	

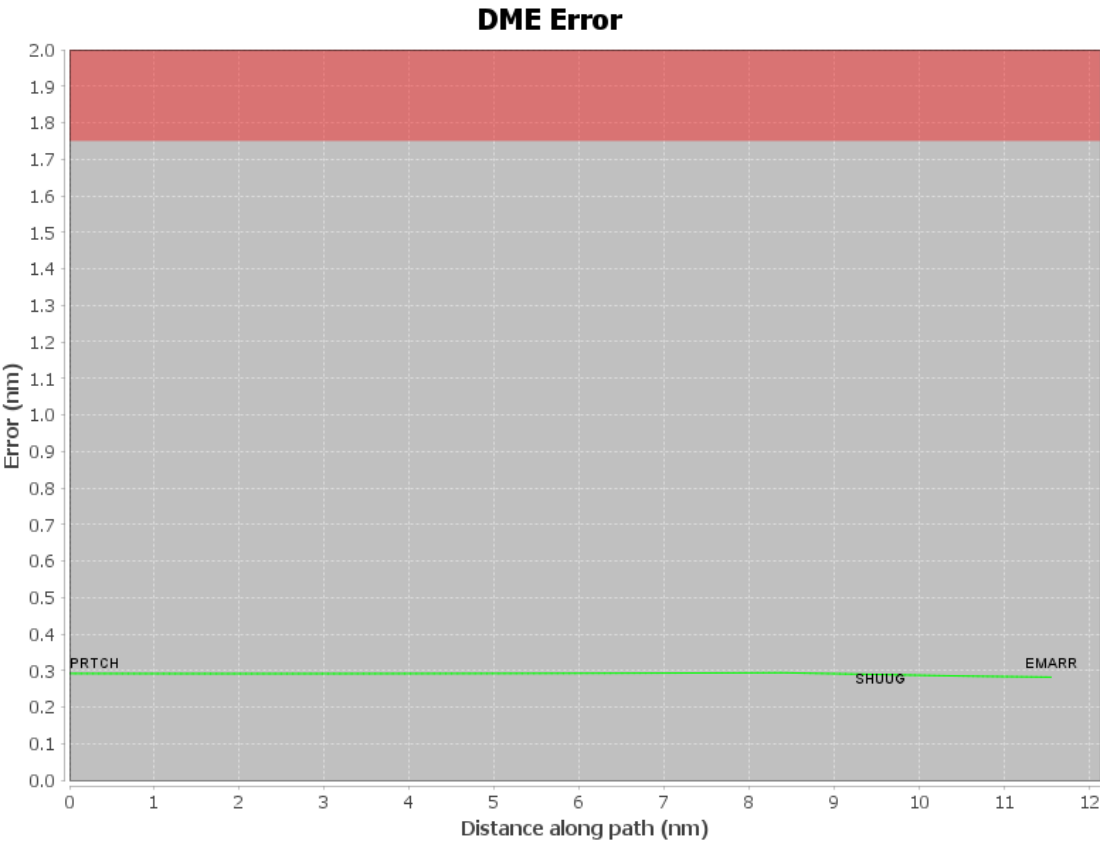
DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

User Data Files

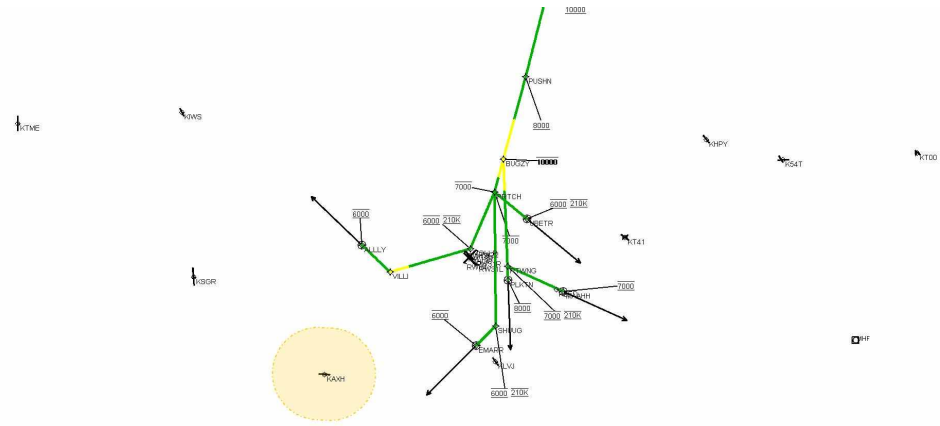
#	File Name
1	UserDMesKHOU [IFPA] WAPPL7 RNAV STAR_20240607_1106 CDT.udt

User DMEs

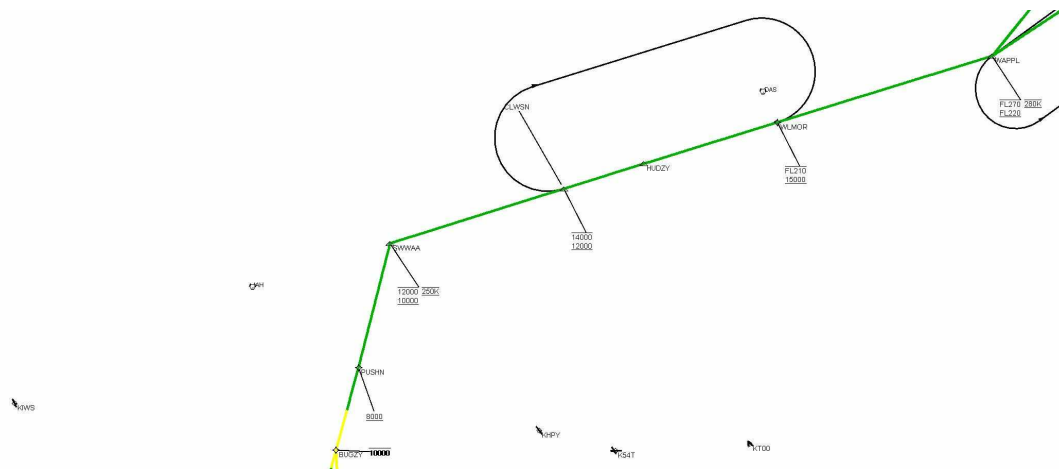
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		



Graphic Depiction 1

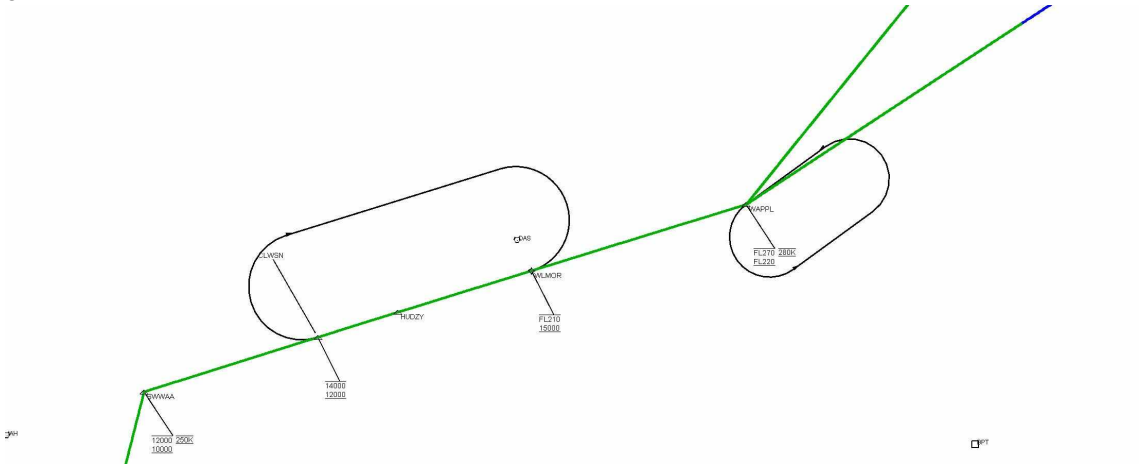


Graphic Depiction 2



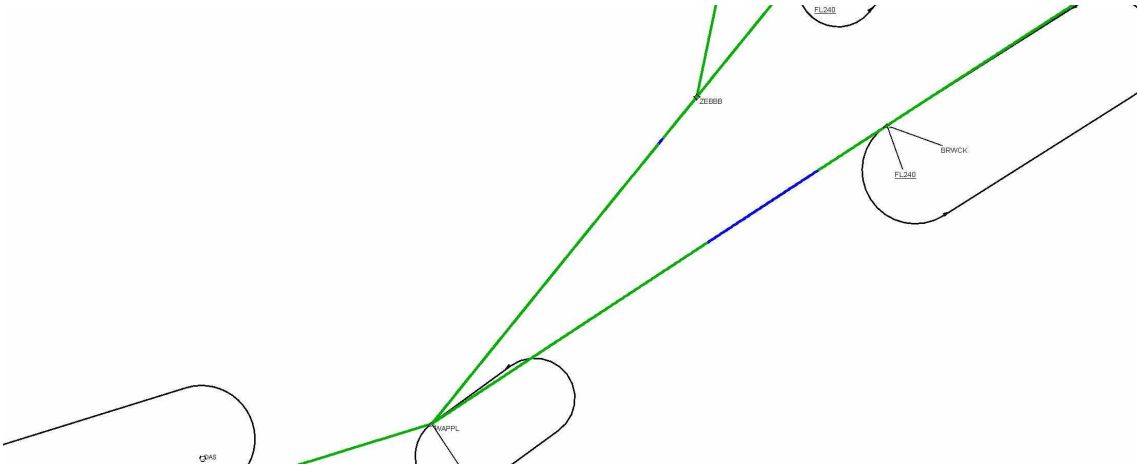
DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

Graphic Depiction 3



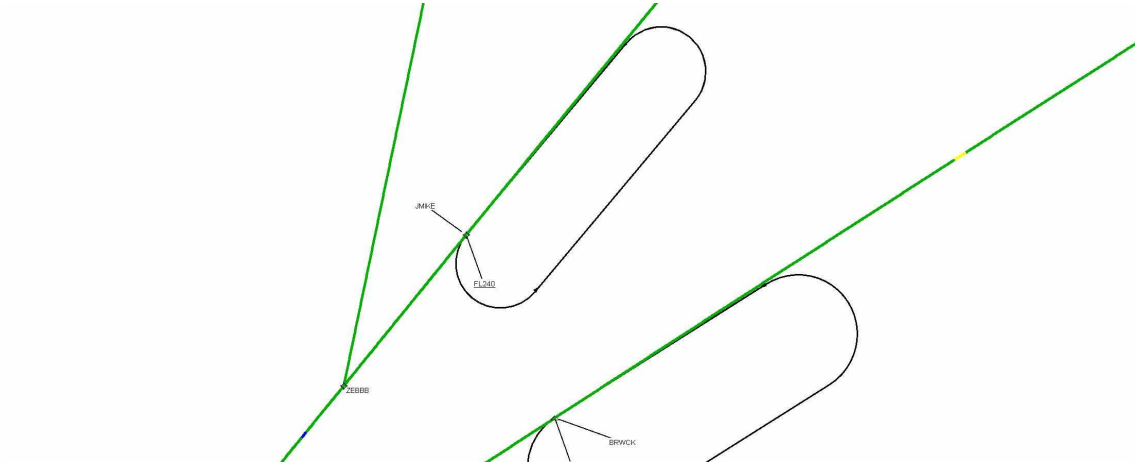
DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

Graphic Depiction 4



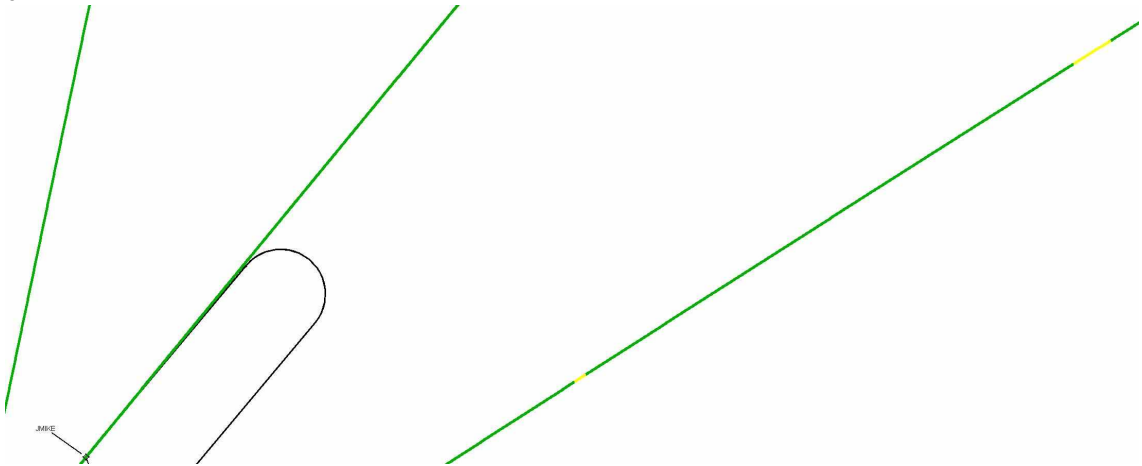
DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

Graphic Depiction 5



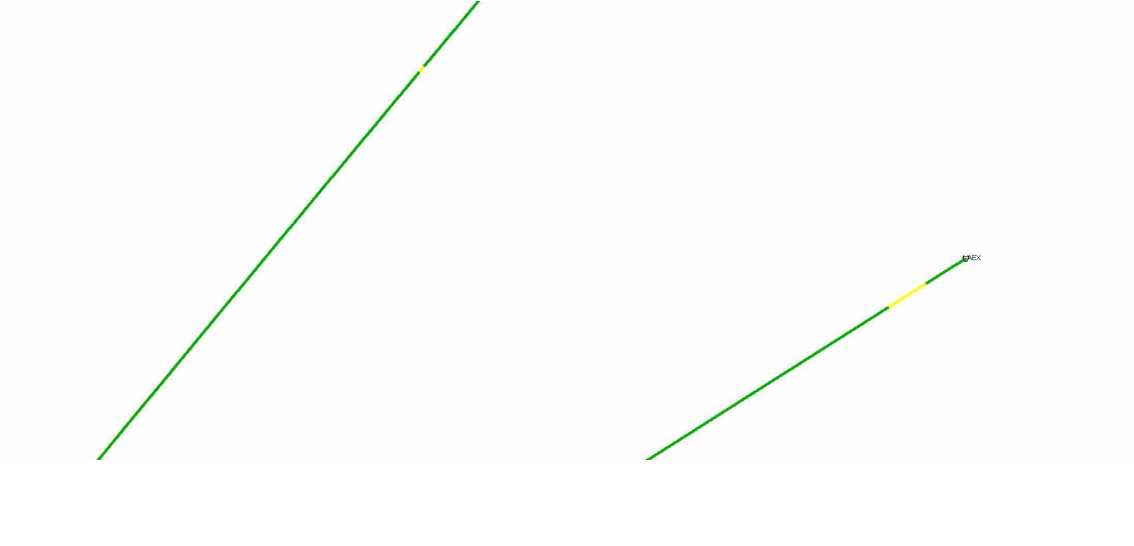
DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

Graphic Depiction 6

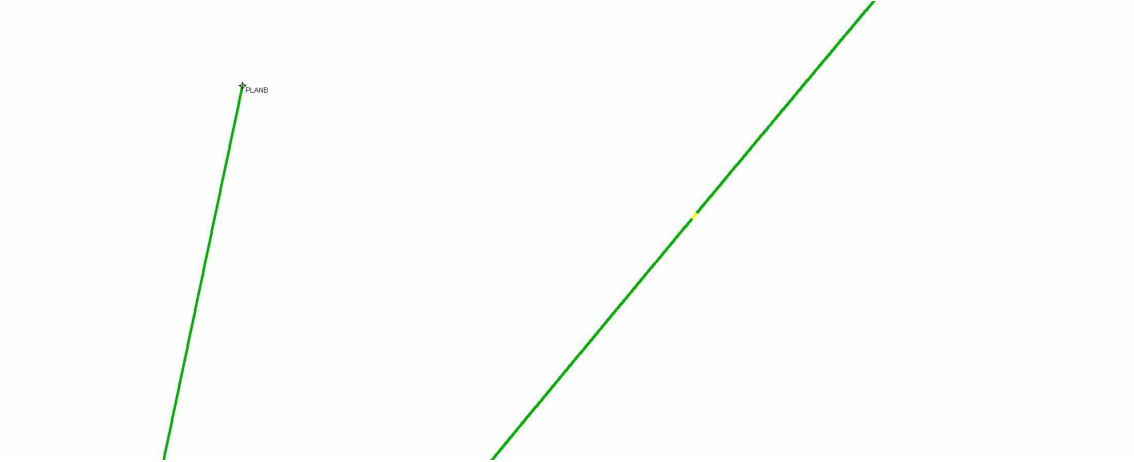


DME DME Assessment Results for WAPPL7 path PRTCH_EMARR

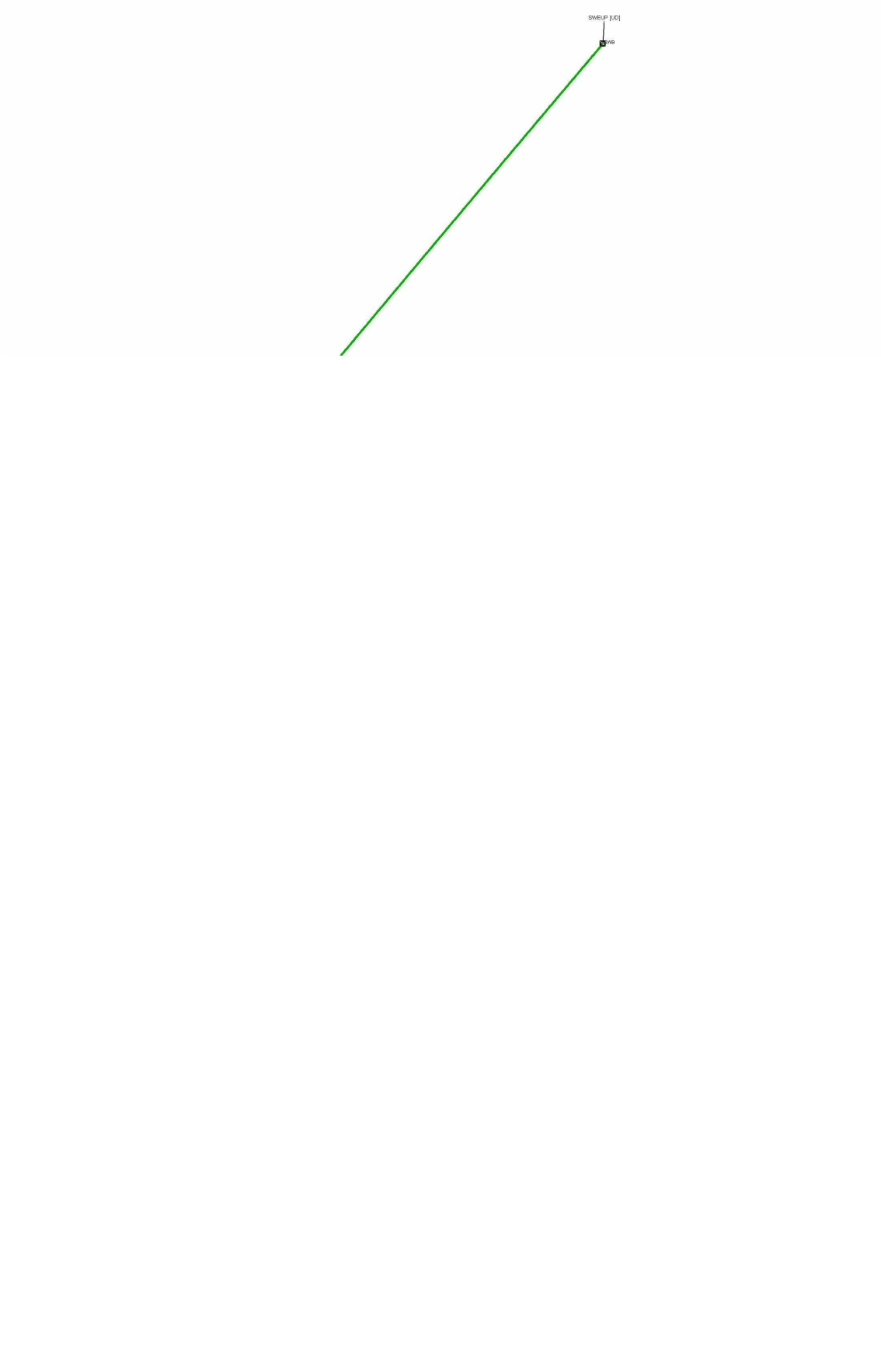
Graphic Depiction 7



Graphic Depiction 8



Graphic Depiction 9



DME DME Assessment Results for WAPPL7 path PRTCH_UBETR

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\PRTCH_UBETR\KHOU WAPPL7 RNAV STAR PRTCH UBETR 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
PRTCH	WP	N29° 43' 23.5400", W095° 14' 35.9200"	6000	VNAV	250	FLY_BY	TF
UBETR	WP	N29° 41' 29.0900", W095° 11' 56.1200"	5000	VNAV	210	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 WAPPL7 path PRTCH_UBETR

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	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
2	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled		
3	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
4	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IAH [IFPA]	ELA [IFPA]	VUH [IFPA]	MHF [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PRTCH	UBETR	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	

DME DME Assessment Results for WAPPL7 path PRTCH_UBETR

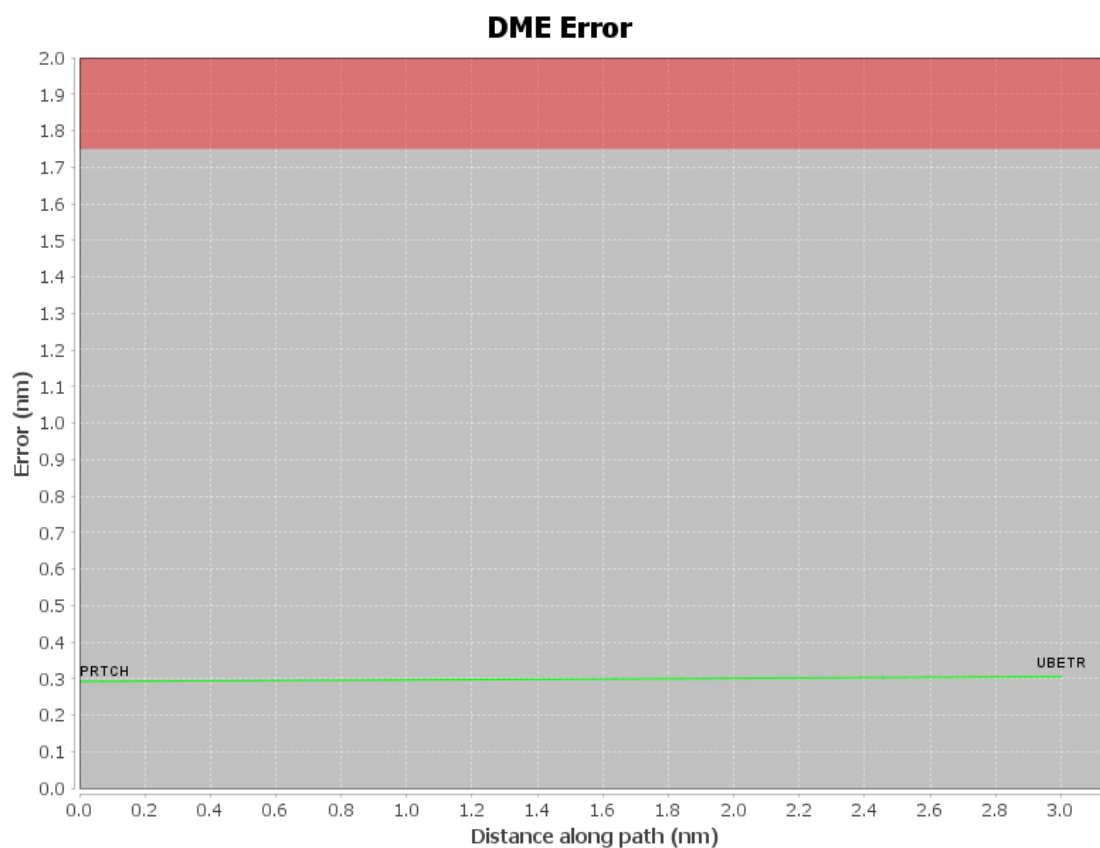
User Data Files

#	File Name
1	UserDMesKHOU [IFPA] WAPPL7 RNAV STAR_20240607_1106 CDT.udt

User DMEs

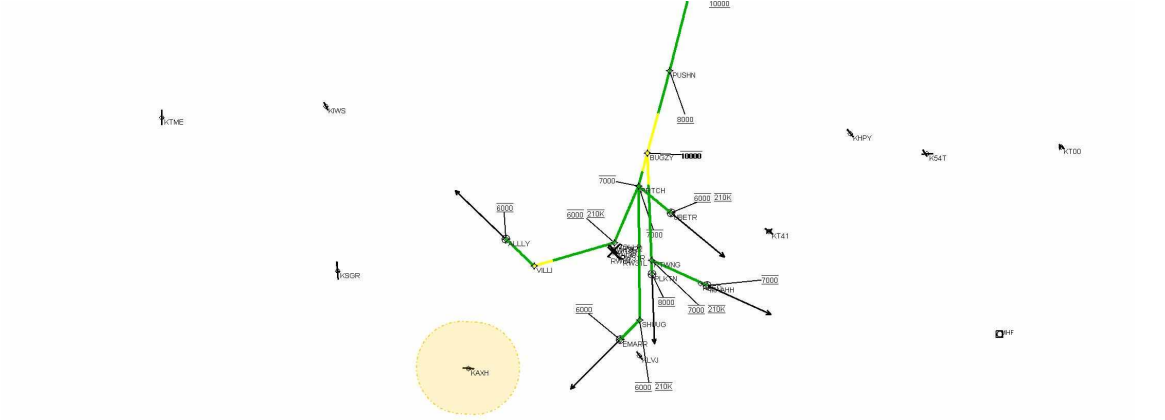
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		

DME DME Assessment Results for WAPPL7 path PRTCH_UBETR

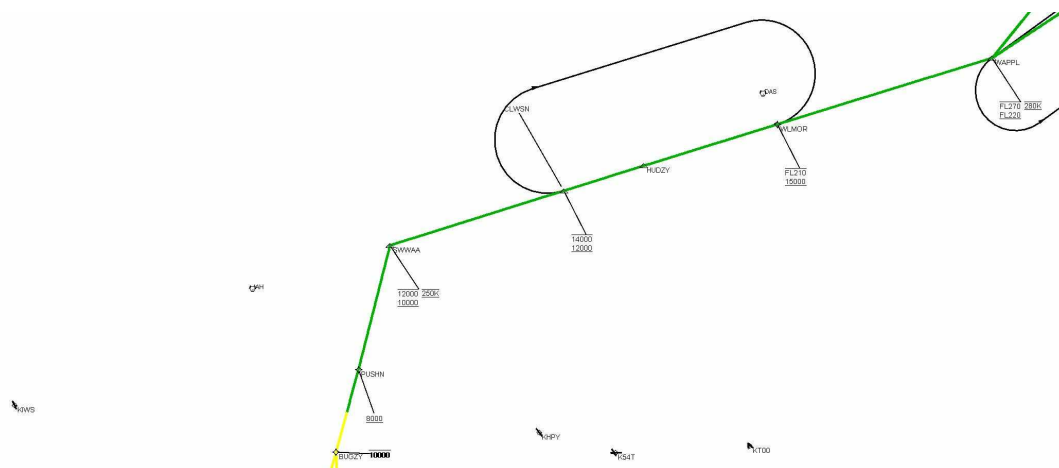


DME DME Assessment Results for WAPPL7 path PRTCH_UBETR

Graphic Depiction 1

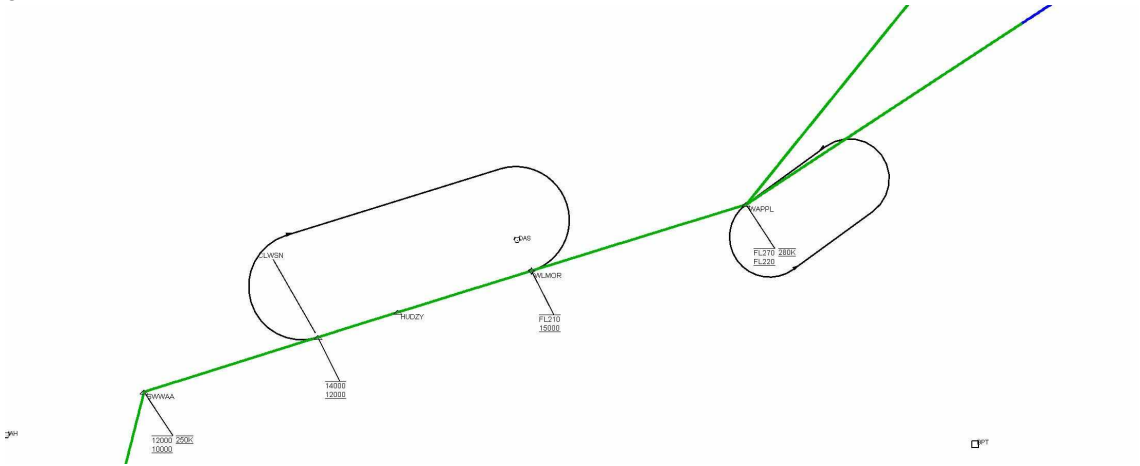


Graphic Depiction 2



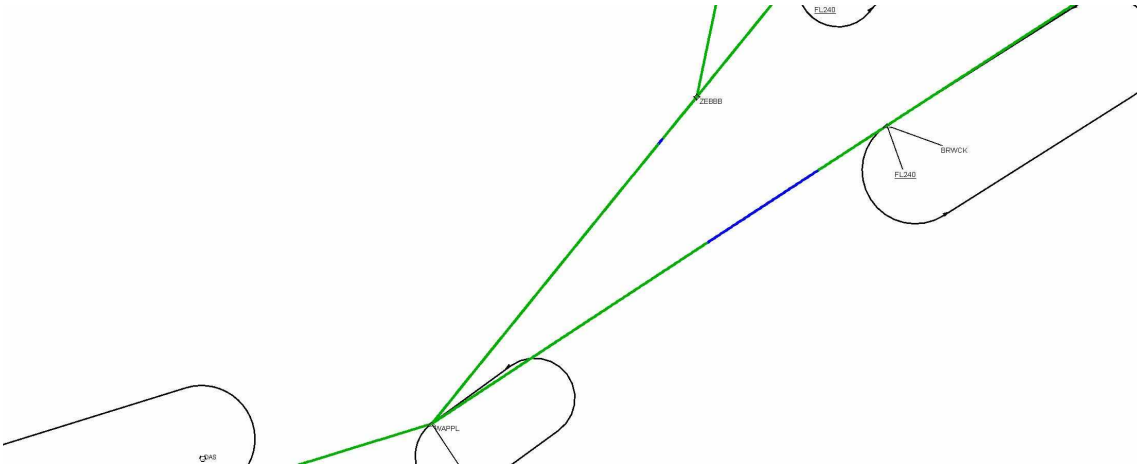
DME DME Assessment Results for WAPPL7 path PRTCH_UBETR

Graphic Depiction 3

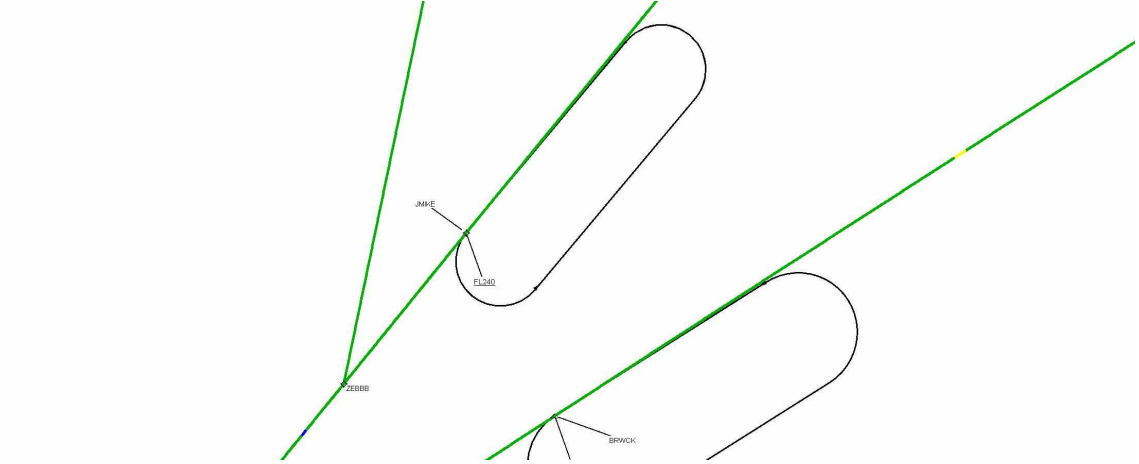


DME DME Assessment Results for WAPPL7 path PRTCH_UBETR

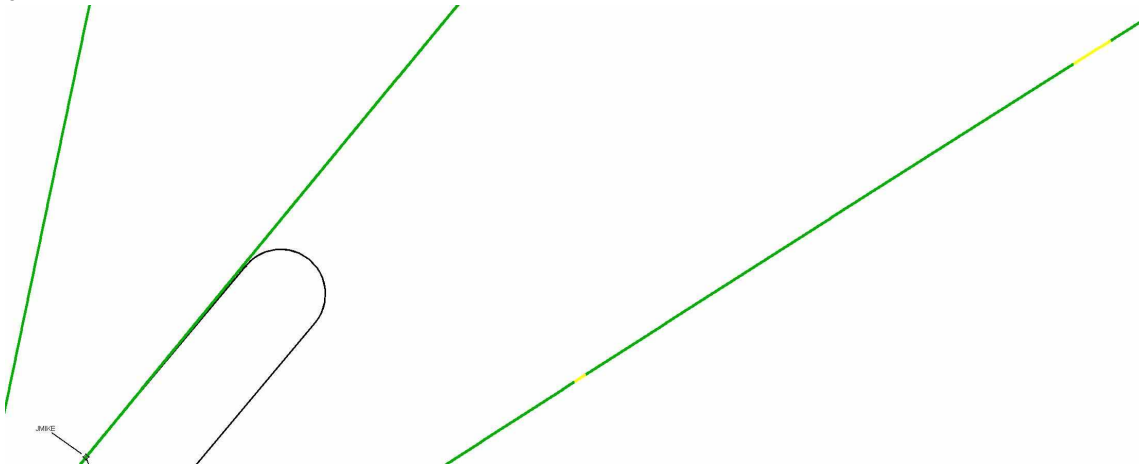
Graphic Depiction 4



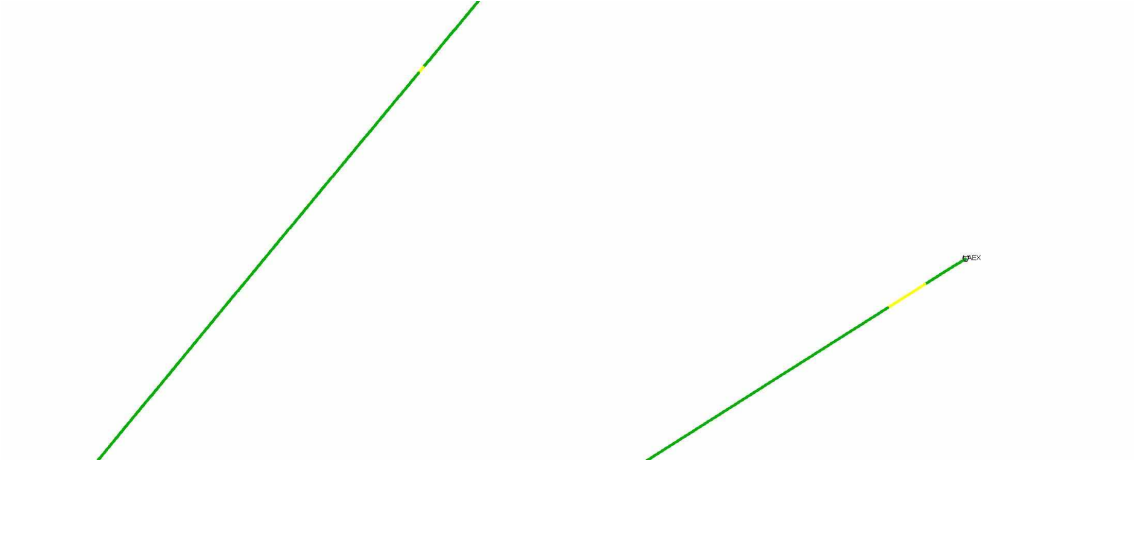
Graphic Depiction 5



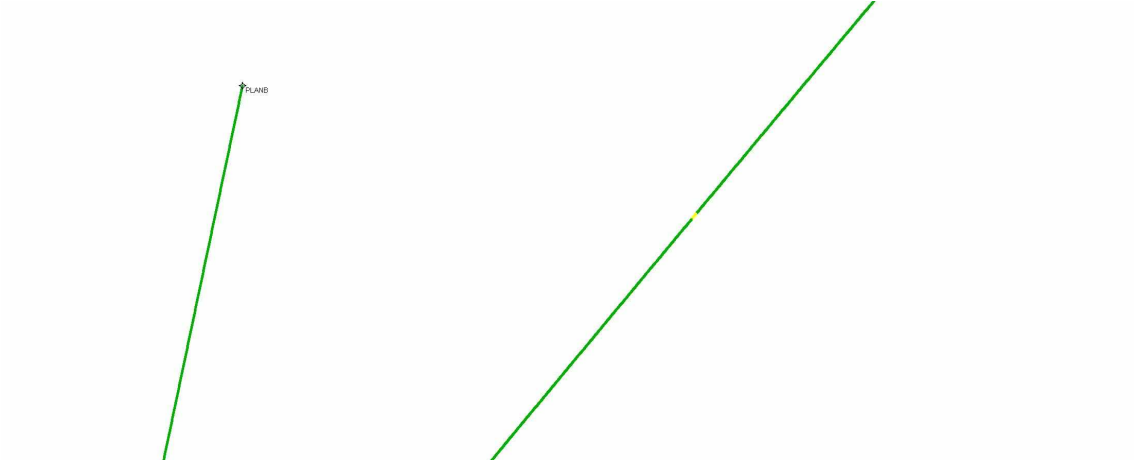
Graphic Depiction 6



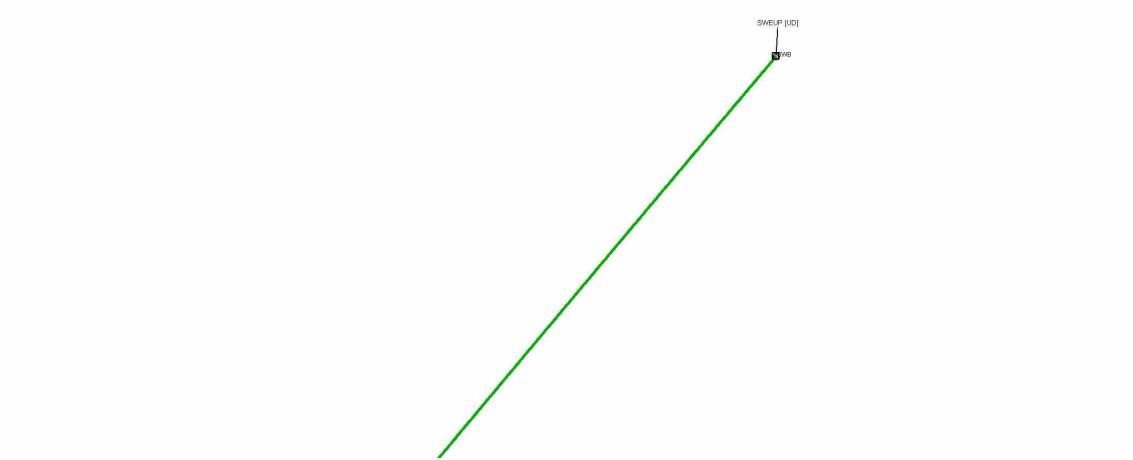
Graphic Depiction 7



Graphic Depiction 8



Graphic Depiction 9



DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

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\KHOU WAPPL\KHOU WAPPL SWB Decom DME SCREENS 20240814.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KHOU\KHOU WAPPL\KHOU [IFPA] WAPPL7 20240814_0834 CDT\SWEUP_ALLLY\KHOU WAPPL7 RNAV STAR SWEUP ALLLY 20240814_0834 CDT.pdf
Procedure Name:	WAPPL7
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/14/2024 08:34 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
SWEUP	WP	N31° 58' 23.0700", W092° 40' 38.0000"	10000	VNAV	280	FLY_BY	TF
JMIKE	WP	N30° 47' 00.0000", W093° 48' 56.4500"	10000	VNAV	280	FLY_BY	TF
ZEBBB	WP	N30° 37' 17.2100", W093° 58' 00.9500"	9000	VNAV	280	FLY_BY	TF
WAPPL	WP	N30° 13' 54.8400", W094° 19' 50.3300"	7000	VNAV	280	FLY_BY	TF
WLMOR	WP	N30° 09' 10.7100", W094° 37' 30.7300"	7000	VNAV	280	FLY_BY	TF
HUDZY	WP	N30° 06' 12.8100", W094° 48' 31.6600"	7000	VNAV	280	FLY_BY	TF
CLWSN	WP	N30° 04' 25.3800", W094° 55' 07.8200"	7000	VNAV	280	FLY_BY	TF
SWWAA	WP	N30° 00' 31.4500", W095° 09' 25.3600"	7000	VNAV	250	FLY_BY	TF
PUSHN	WP	N29° 51' 37.7900", W095° 12' 01.7600"	7000	VNAV	250	FLY_BY	TF
BUGZY	WP	N29° 45' 44.1200", W095° 13' 52.5600"	7000	VNAV	250	FLY_BY	TF
PRTCH	WP	N29° 43' 23.5400", W095° 14' 35.9200"	6000	VNAV	250	FLY_BY	TF
MOLLR	WP	N29° 39' 20.2300", W095° 16' 35.8300"	5000	VNAV	210	FLY_BY	TF
VILLI	WP	N29° 37' 40.4900", W095° 23' 12.2800"	5000	VNAV	210	FLY_BY	TF
ALLLY	WP	N29° 39' 37.0200", W095° 25' 31.4800"	5000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

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	
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 Assessment Results for WAPPL7 path SWEUP_ALLLY

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LCH	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	H	IFPA	NO	Enabled		
2	SWB	N31° 58' 23.5000", W092° 40' 37.5200"	2.0 E	130	DH	IFPA	NO	Enabled		
3	VUH	N29° 16' 09.6039", W094° 52' 03.8108"	6.0 E	130	DH	IFPA	NO	Enabled		
4	BPT	N29° 56' 45.7945", W094° 00' 58.3948"	0.0 E	40	L	IFPA	NO	Enabled		
5	ELA	N29° 39' 44.9259", W096° 19' 01.6411"	0.0 E	130	DH	IFPA	NO	Enabled		
6	DAS	N30° 11' 22.9622", W094° 38' 41.9440"	5.0 E	130	H	IFPA	NO	Enabled		
7	GGG	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	H	IFPA	NO	Enabled		
8	LFK	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	H	IFPA	NO	Enabled		
9	ELD	N33° 15' 22.1537", W092° 44' 38.2119"	7.0 E	130	DH	IFPA	NO	Enabled		
10	AEX	N31° 15' 24.2339", W092° 30' 03.5007"	3.0 E	130	H	IFPA	NO	Enabled		
11	MHF	N29° 32' 46.8350", W094° 44' 51.0460"	7.0 E	130	DL	IFPA	NO	Enabled		
12	IAH	N29° 57' 24.9013", W095° 20' 44.5885"	5.0 E	130	H	IFPA	NO	Enabled		
13	SBI	N29° 41' 12.1700", W094° 02' 16.7000"	7.0 E	40	L	IFPA	NO	Enabled		
14	EMG	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	L	IFPA	NO	Enabled		

DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	EMG [IFPA]	ELD [IFPA]	LFK [IFPA]			
3.2	EMG [IFPA]	SWB [IFPA]	ELD [IFPA]	LFK [IFPA]		
16.0	EMG [IFPA]	SWB [IFPA]	AEX [IFPA]	LFK [IFPA]	ELD [IFPA]	
23.6	SWB [IFPA]	AEX [IFPA]	LFK [IFPA]	ELD [IFPA]		
38.4	SWB [IFPA]	AEX [IFPA]	LCH [IFPA]	LFK [IFPA]	ELD [IFPA]	
38.8	LCH [IFPA]	LFK [IFPA]	ELD [IFPA]	SWB [IFPA]		
39.7	SWB [IFPA]	AEX [IFPA]	LCH [IFPA]	LFK [IFPA]	ELD [IFPA]	
40.1	LCH [IFPA]	LFK [IFPA]	SWB [IFPA]			
50.5	LCH [IFPA]	LFK [IFPA]	GGG [IFPA]	SWB [IFPA]		
67.4	LCH [IFPA]	LFK [IFPA]	SWB [IFPA]			
68.0	LCH [IFPA]	LFK [IFPA]	SWB [IFPA]	MHF [IFPA]		
84.2	LCH [IFPA]	SWB [IFPA]	EMG [IFPA]	LFK [IFPA]	MHF [IFPA]	
84.9	LCH [IFPA]	SWB [IFPA]	LFK [IFPA]	MHF [IFPA]		
85.6	LCH [IFPA]	SWB [IFPA]	LFK [IFPA]	MHF [IFPA]	VUH [IFPA]	
104.8	LCH [IFPA]	MHF [IFPA]	LFK [IFPA]	VUH [IFPA]		
105.9	LCH [IFPA]	MHF [IFPA]	VUH [IFPA]			
108.4						
108.9	BPT [IFPA]	MHF [IFPA]				
109.8	BPT [IFPA]	DAS [IFPA]	MHF [IFPA]			
111.9	BPT [IFPA]	DAS [IFPA]	MHF [IFPA]	VUH [IFPA]		
133.9	DAS [IFPA]	SBI [IFPA]	BPT [IFPA]	MHF [IFPA]	VUH [IFPA]	
134.7	BPT [IFPA]	MHF [IFPA]	VUH [IFPA]	DAS [IFPA]		
148.5	BPT [IFPA]	VUH [IFPA]	MHF [IFPA]			
150.1	BPT [IFPA]	VUH [IFPA]	MHF [IFPA]	IAH [IFPA]		
152.0	BPT [IFPA]	VUH [IFPA]	MHF [IFPA]	IAH [IFPA]	ELA [IFPA]	
155.2	MHF [IFPA]	IAH [IFPA]	VUH [IFPA]	ELA [IFPA]		
158.2	MHF [IFPA]	IAH [IFPA]	VUH [IFPA]	ELA [IFPA]	DAS [IFPA]	
195.1	IAH [IFPA]	ELA [IFPA]	VUH [IFPA]	MHF [IFPA]		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 34' 19.3963", W094° 00' 47.7447"	N30° 33' 57.6190", W094° 01' 08.1569"	0.4662

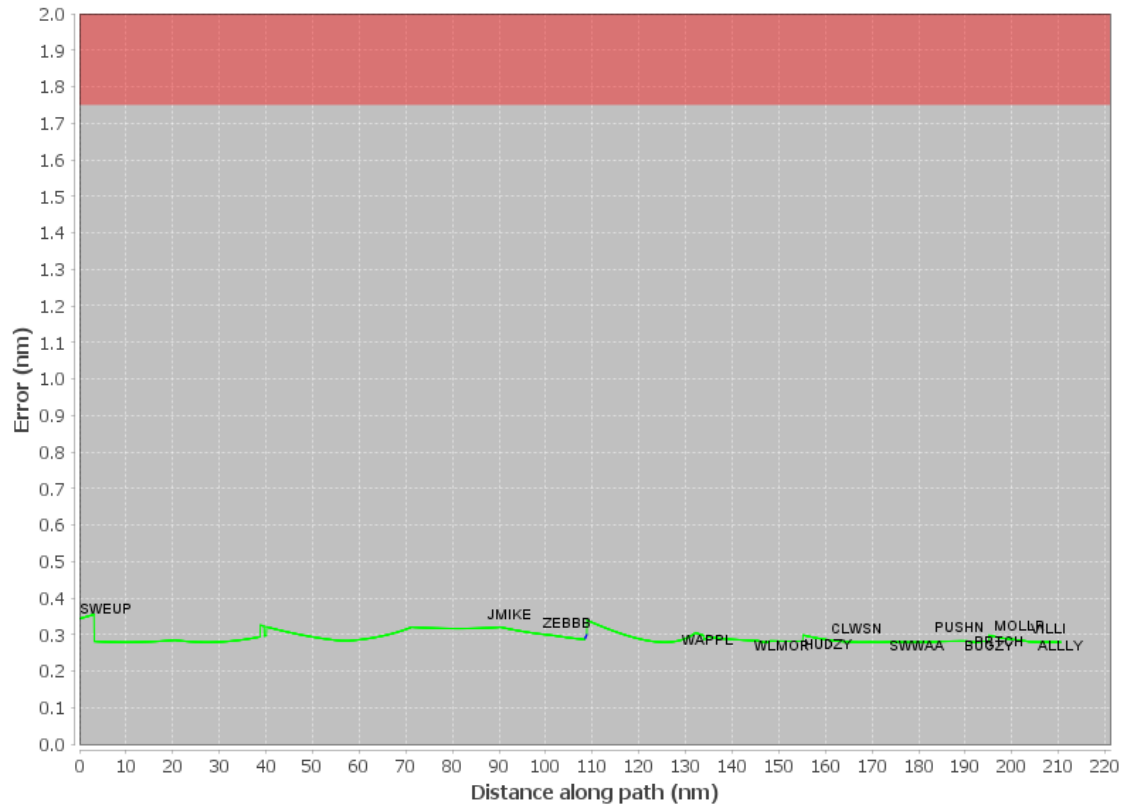
DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SWEUP	JMIKE	LFK [IFPA], LCH [IFPA], SWB [IFPA], VUH [IFPA], ELD [IFPA], AEX [IFPA], MHF [IFPA], EMG [IFPA], GGG [IFPA]	
JMIKE	ZEBBB	LFK [IFPA], LCH [IFPA], SWB [IFPA], VUH [IFPA], MHF [IFPA]	
ZEBBB	WAPPL	LFK [IFPA], LCH [IFPA], SWB [IFPA], VUH [IFPA], BPT [IFPA], MHF [IFPA], DAS [IFPA], SBI [IFPA]	
WAPPL	WLMOR	BPT [IFPA], VUH [IFPA], MHF [IFPA], DAS [IFPA], IAH [IFPA]	
WLMOR	HUDZY	BPT [IFPA], VUH [IFPA], ELA [IFPA], MHF [IFPA], DAS [IFPA], IAH [IFPA]	
HUDZY	CLWSN	VUH [IFPA], ELA [IFPA], DAS [IFPA], MHF [IFPA], IAH [IFPA]	
CLWSN	SWWAA	VUH [IFPA], ELA [IFPA], DAS [IFPA], MHF [IFPA], IAH [IFPA]	
SWWAA	PUSHN	VUH [IFPA], ELA [IFPA], DAS [IFPA], MHF [IFPA], IAH [IFPA]	
PUSHN	BUGZY	VUH [IFPA], ELA [IFPA], DAS [IFPA], MHF [IFPA], IAH [IFPA]	
BUGZY	PRTCH	VUH [IFPA], ELA [IFPA], MHF [IFPA], DAS [IFPA], IAH [IFPA]	
PRTCH	MOLLR	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	
MOLLR	VILLI	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	
VILLI	ALLLY	VUH [IFPA], ELA [IFPA], MHF [IFPA], IAH [IFPA]	

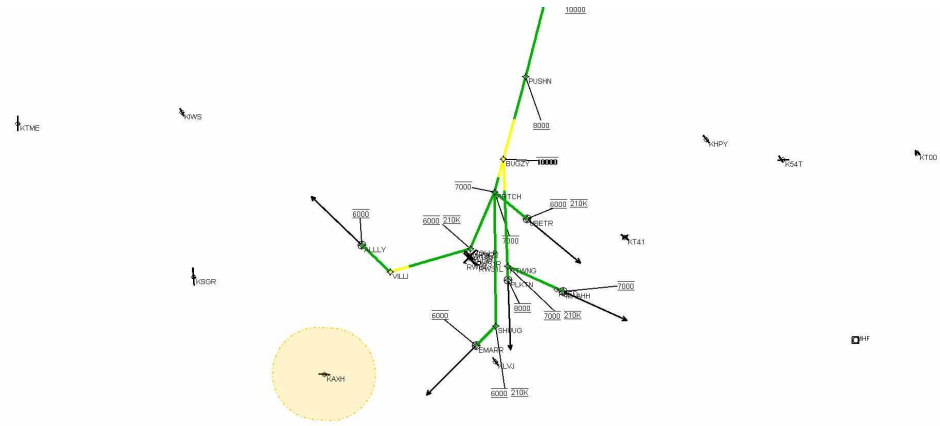
User Data Files								
#	File Name							
1	UserDMEsKHOU [IFPA] WAPPL7 RNAV STAR_20240607_1106 CDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EMG FAA 850108-018 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-018	
ESV:		Bearing [True]: 182.0° to 195.0° Bearing [Mag]: 175.0° to 188.0°				Arc Distance: Out to 94.0 NM Altitude: 7900.0 to 18200.0 ft		
2	LCH FAA 704136-079 LCH [IFPA]	N30° 08' 29.4490", W093° 06' 20.0490"	7.0 E	130	20	113.4	LCH FAA 704136-079	
ESV:		Bearing [True]: 266.0° to 29.0° Bearing [Mag]: 259.0° to 22.0°				Arc Distance: Out to 83.0 NM Altitude: 7100.0 to 16000.0 ft		
3	GGG FAA 190508-010 GGG [IFPA]	N32° 25' 03.9211", W094° 45' 11.5002"	7.0 E	130	328.5	112.9	GGG FAA 190508-010	
ESV:		Bearing [True]: 131.0° to 157.0° Bearing [Mag]: 124.0° to 150.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18400.0 ft		
4	LFK FAA 698119-049 LFK [IFPA]	N31° 09' 44.7908", W094° 43' 00.5974"	5.0 E	130	207.3	112.1	LFK FAA 698119-049	
ESV:		Bearing [True]: 61.0° to 179.0° Bearing [Mag]: 56.0° to 174.0°				Arc Distance: Out to 118.0 NM Altitude: 8400.0 to 20000.0 ft		
5	EMG FAA 850108-019 EMG [IFPA]	N32° 24' 01.4600", W093° 35' 42.5300"	7.0 E	40	155	116.65	EMG FAA 850108-019	
ESV:		Bearing [True]: 117.0° to 147.0° Bearing [Mag]: 110.0° to 140.0°				Arc Distance: Out to 58.0 NM Altitude: 7900.0 to 18200.0 ft		

DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

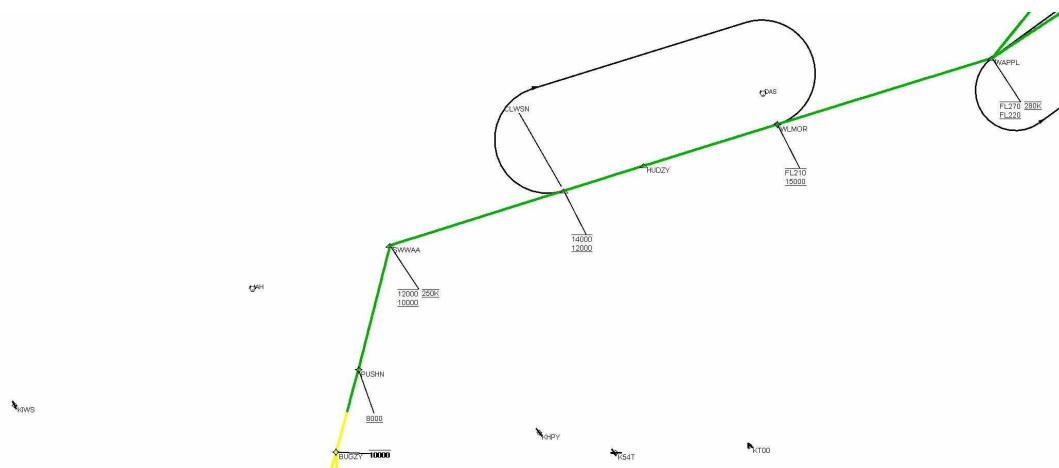
DME Error



Graphic Depiction 1

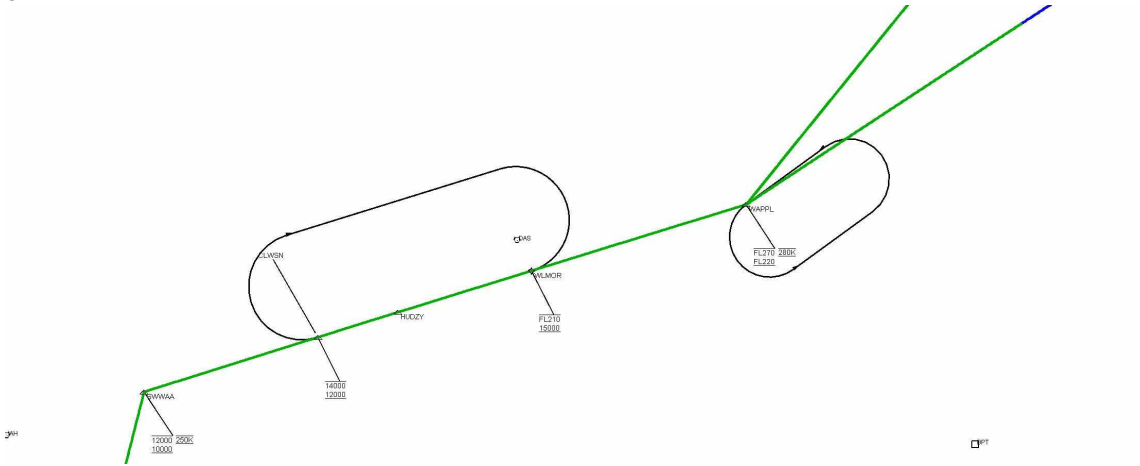


Graphic Depiction 2



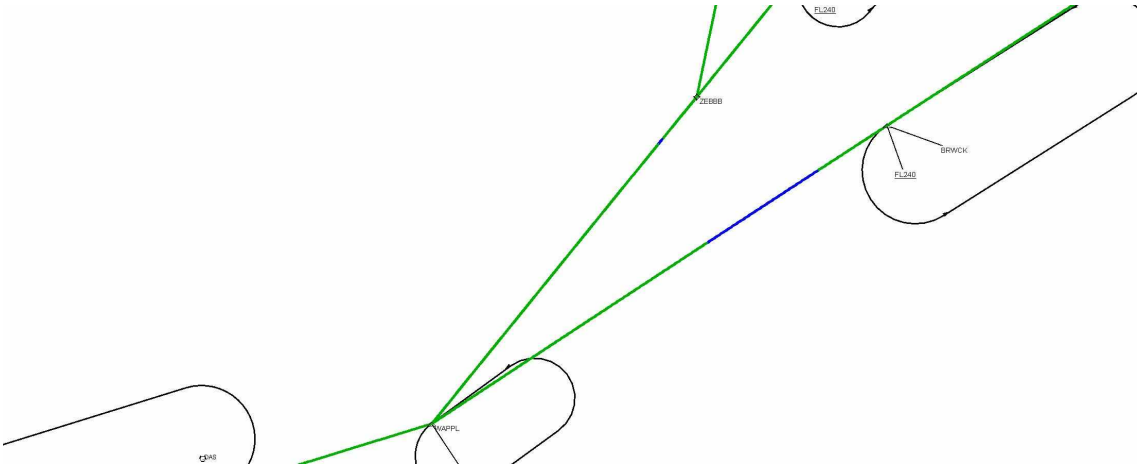
DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

Graphic Depiction 3

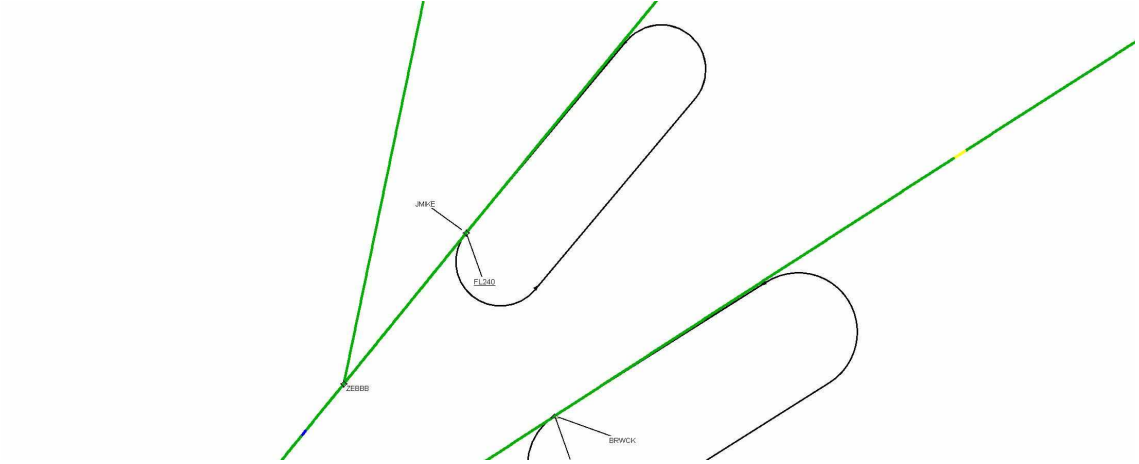


DME DME Assessment Results for WAPPL7 path SWEUP_ALLLY

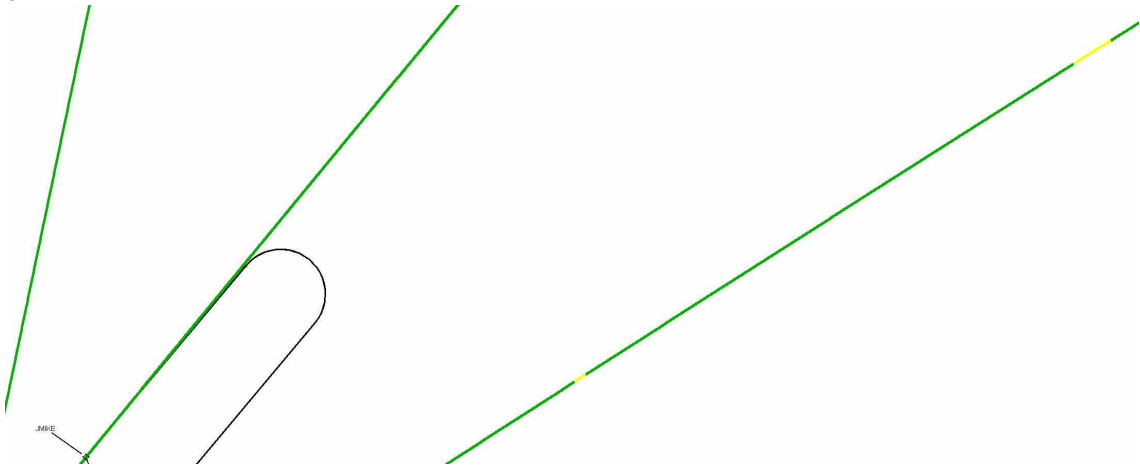
Graphic Depiction 4



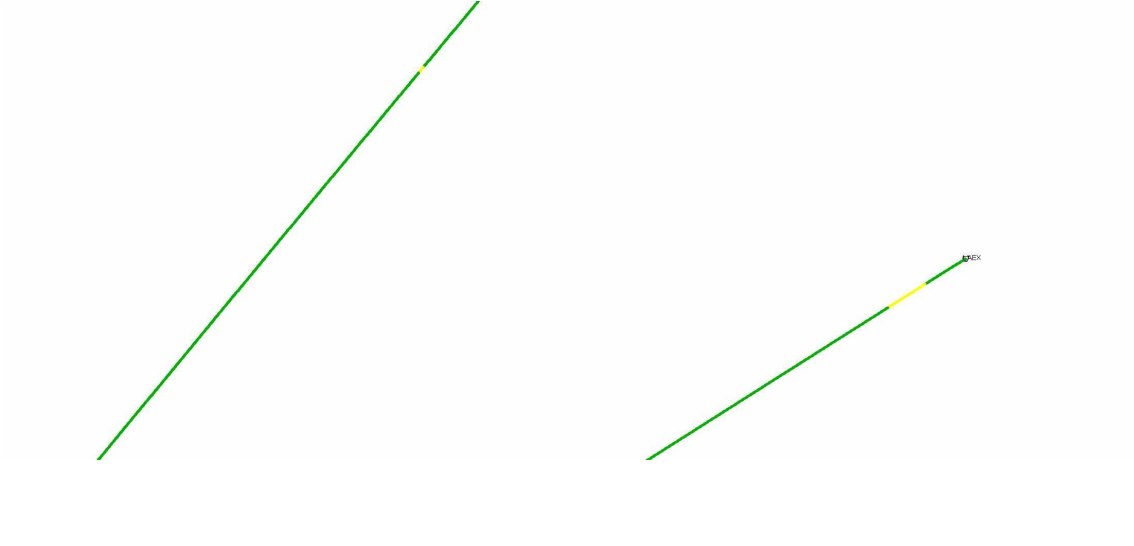
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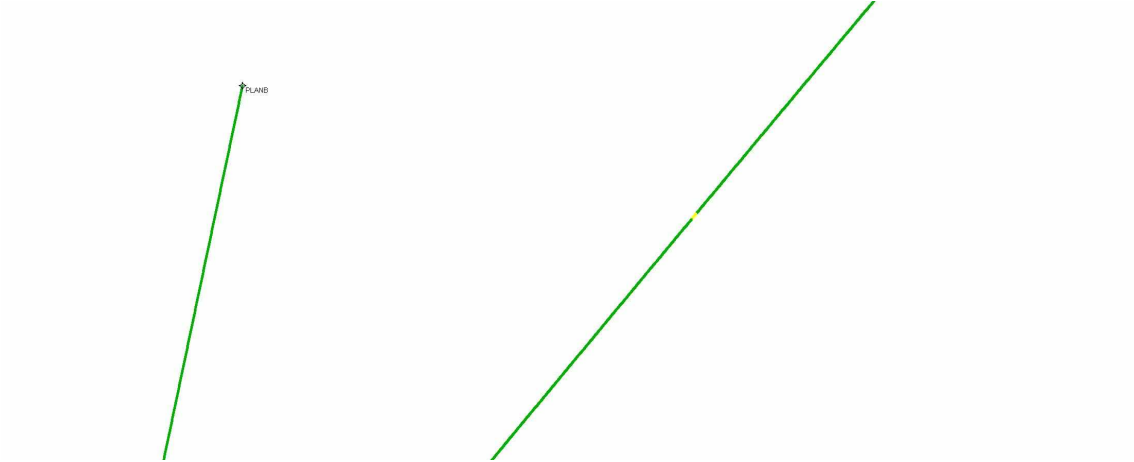
Graphic Depiction 6



Graphic Depiction 7



Graphic Depiction 8



Graphic Depiction 9

