

DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW17C-DER_HULZE\KDFW HRPER4 SID RW17C HULZE 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW17C:DER	WP	N32° 52' 43.9636", W097° 01' 34.2180"	563.1	VNAV	130	FLY_BY	TF
BPARK	WP	N32° 46' 31.7600", W097° 04' 51.5100"	3764.3	VNAV	200	FLY_BY	TF
YAMEL	WP	N32° 45' 55.7000", W097° 08' 28.0500"	5000	VNAV	240	FLY_BY	TF
FIRMN	WP	N32° 46' 17.7700", W097° 14' 28.7700"	6016.5	VNAV	240	FLY_BY	TF
TYGGR	WP	N32° 53' 22.1400", W097° 43' 59.7900"	10000	VNAV	240	FLY_BY	TF
DBLSS	WP	N33° 03' 06.7100", W098° 13' 50.1600"	10000	VNAV	240	FLY_BY	TF
EZKAM	WP	N33° 14' 51.0075", W098° 50' 10.0359"	10000	VNAV	240	FLY_BY	TF
HRPER	WP	N33° 27' 46.5000", W099° 31' 00.9300"	10000	VNAV	240	FLY_BY	TF
HULZE	WP	N33° 39' 27.5900", W100° 13' 18.1100"	10000	VNAV	240	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 1120.0 ft MSL
200.0 ft/NM

DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Flyability	
Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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, TACAN
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	UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	H		NO	Enabled	69.5 %	70.4 %
2	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	61.8 %	61.9 %
3	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	22.8 %	22.7 %
4	SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	H		NO	Enabled	75.7 %	76.8 %
5	ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	H		NO	Enabled	58.9 %	59.8 %
6	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	28.7 %	28.4 %
7	GTH	N33° 46' 41.7980", W100° 20' 10.3070"	0.0 E	40	L		NO	Enabled	17.7 %	17.9 %
8	MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	H		NO	Enabled	40.4 %	41 %

DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
2.9	CVE	FUZ				
4.6	CVE	FUZ	TTT			
7.9	CVE	FUZ				
8.5	UKW	CVE	FUZ	TTT		
14.1	UKW	TTT	CVE	MQP	FUZ	
35.6	SPS	MQP	FUZ	CVE	TTT	
44.9	SPS	MQP	CVE	FUZ		
48.4	UKW	FUZ	CVE	MQP		
52.4	UKW	CVE	MQP	SPS		
59.8	UKW	CVE	MQP			
70.1	UKW	MQP	SPS	CVE	ABI	
85.6	SPS	CVE	UKW	ABI		
110.9	SPS	UKW	ABI			
143.0	ABI	GTH	UKW	SPS		
144.2	ABI	GTH	SPS			

Inertial Drift Segments

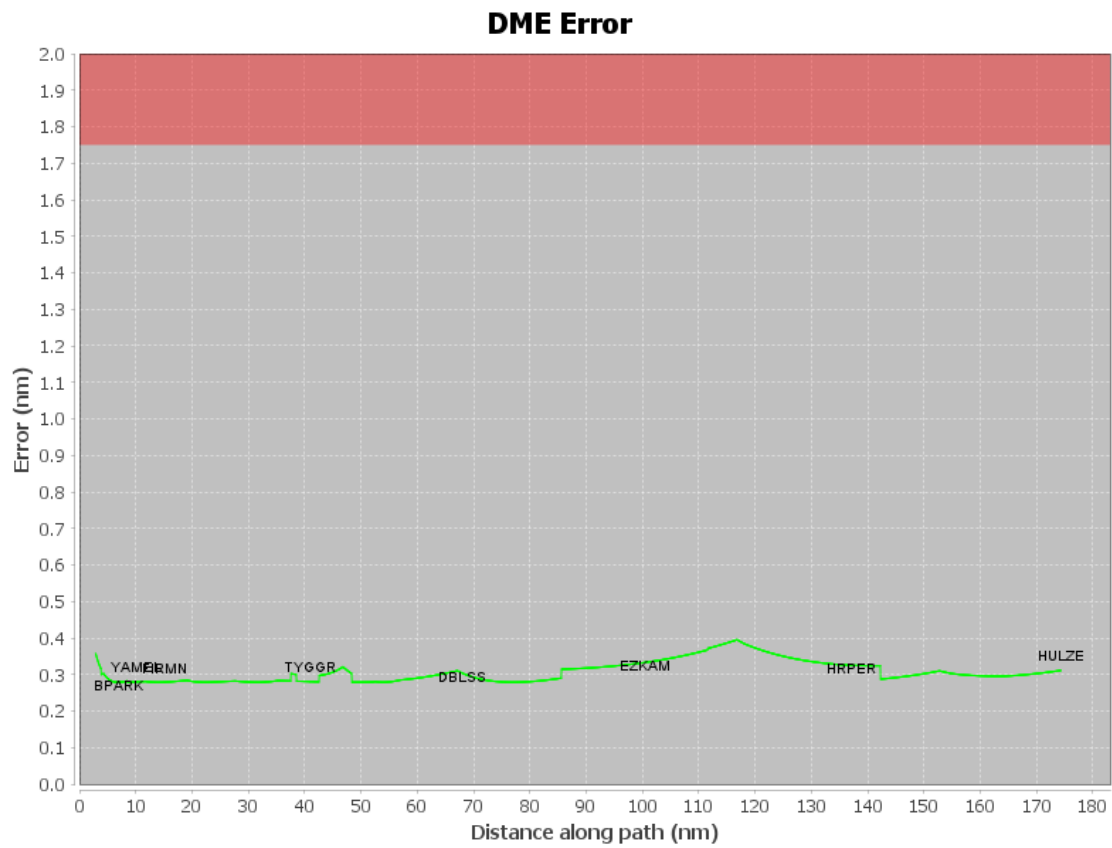
#	Start Location	End Location	Length [NM]
1	N32° 52' 41.8037", W097° 01' 34.2295"	N32° 50' 03.9877", W097° 02' 34.6342"	2.8422

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW17C:DER	BPARK	CVE, TTT, FUZ	
BPARK	YAMEL	UKW, CVE, TTT, FUZ	
YAMEL	FIRMN	UKW, CVE, TTT, FUZ, MQP	
FIRMN	TYGGR	UKW, CVE, TTT, SPS, FUZ, MQP	
TYGGR	DBLSS	UKW, CVE, TTT, SPS, FUZ, MQP	
DBLSS	EZKAM	UKW, CVE, SPS, ABI, MQP	
EZKAM	HRPER	UKW, CVE, SPS, ABI	
HRPER	HULZE	UKW, SPS, ABI, GTH	

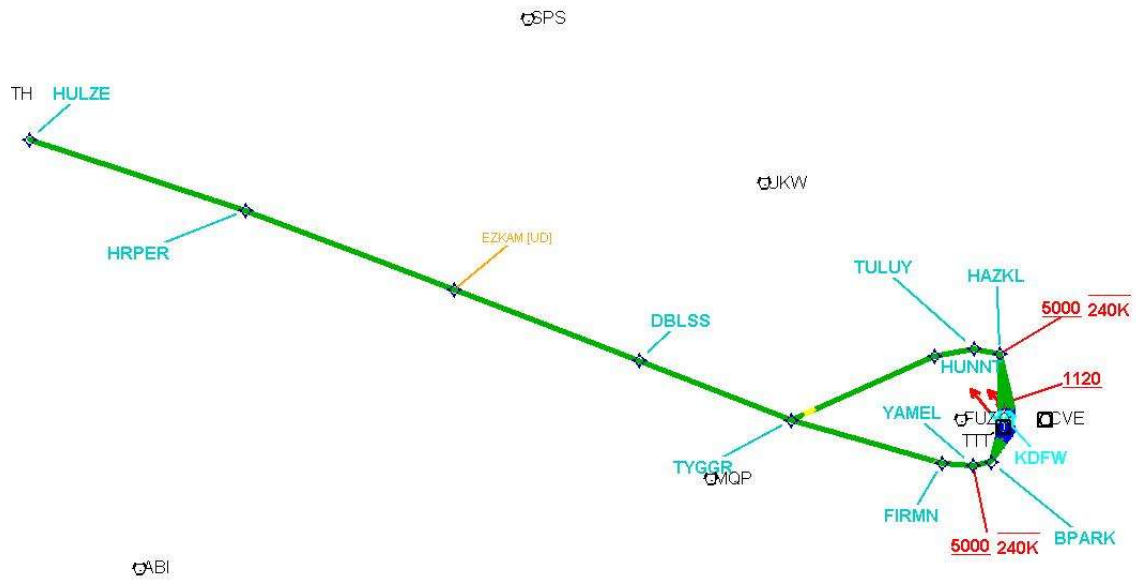
User Data Files

#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		



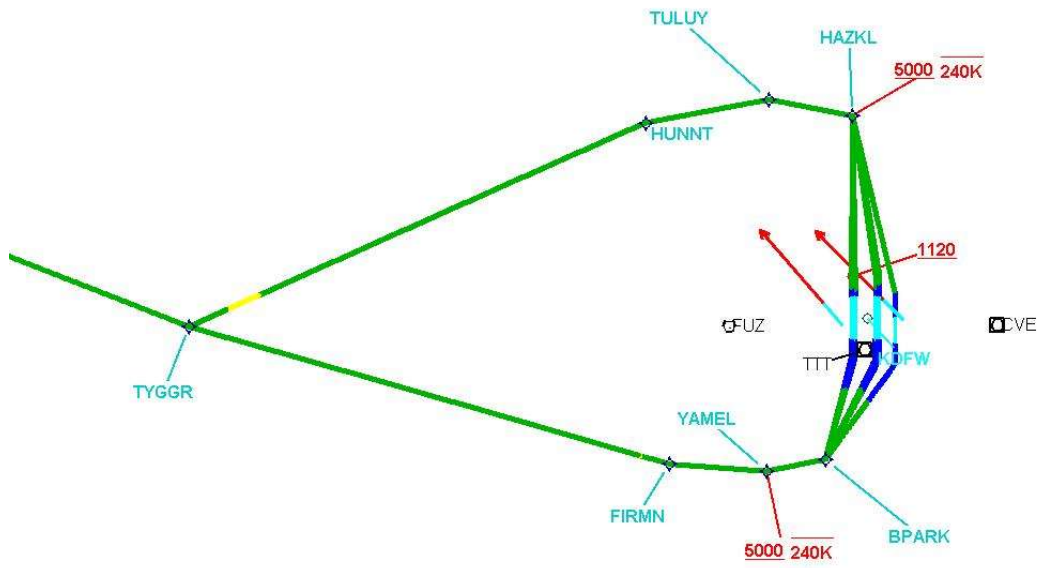
DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Graphic Depiction 1



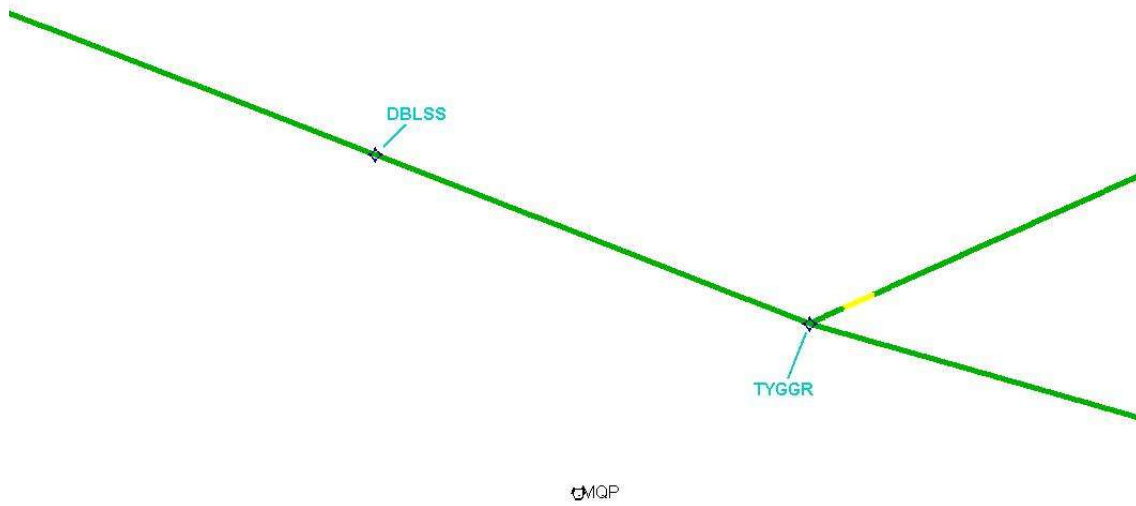
DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Graphic Depiction 2



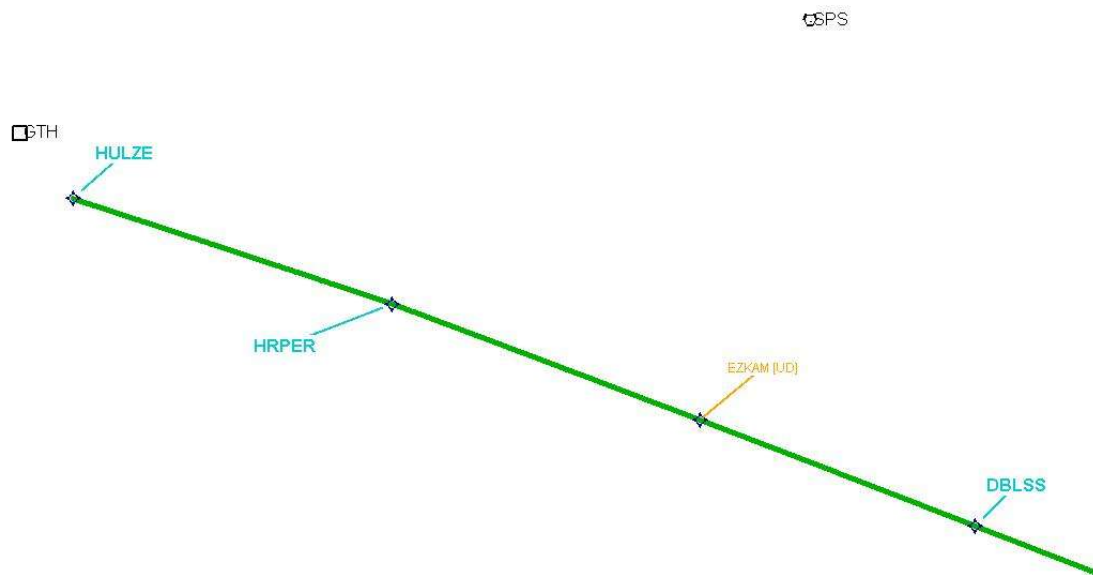
DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW17C:DER_HULZE

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW17L:DER_BPARK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW17L-DER_BPARK\KDFW HRPER4 SID RW17L BPARK 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW17L:DER	WP	N32° 52' 29.8535", W097° 00' 35.6686"	575.6	VNAV	130	FLY_BY	TF
BPARK	WP	N32° 46' 31.7600", W097° 04' 51.5100"	3764.3	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW17L:DER_BPARK

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	47.8 %	51.3 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	29 %	31.1 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	47.8 %	51.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.5	CVE	FUZ				
4.9	CVE	FUZ	TTT			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 52' 27.7421", W097° 00' 35.6803"	N32° 49' 28.9716", W097° 02' 16.8732"	3.4415

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW17L:DER	BPARK	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW17L:DER_BPARK

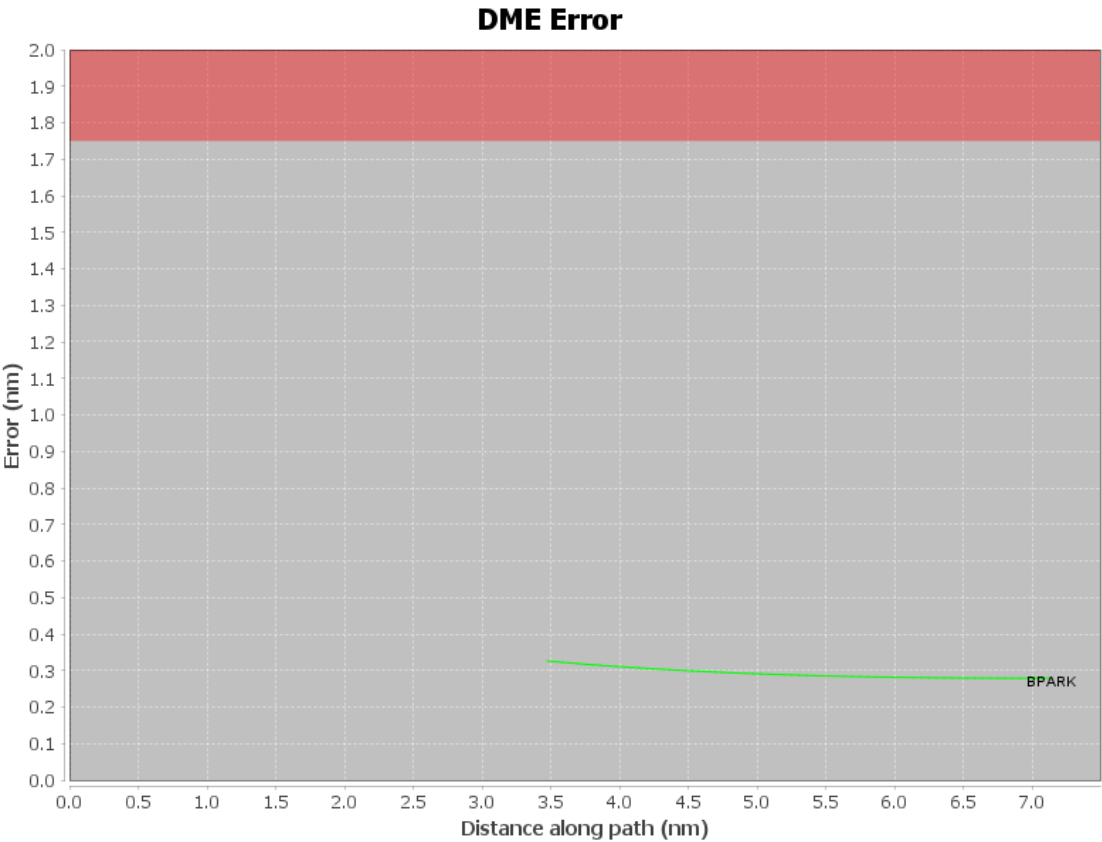
User Data Files

File Name

None

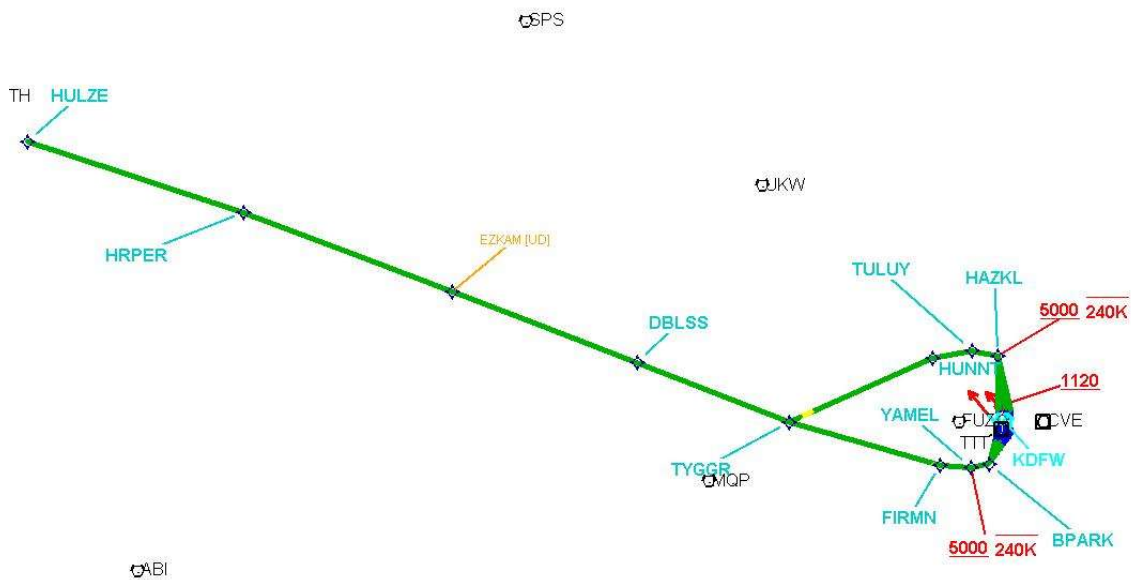
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

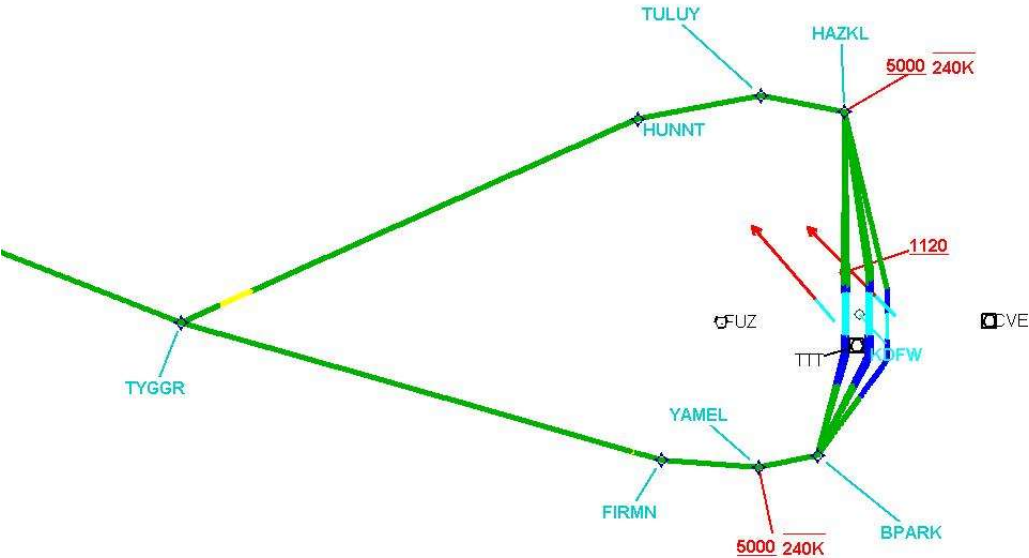


DME DME Assessment Results for HRPER4 path KDFW:RW17L:DER_BPARK

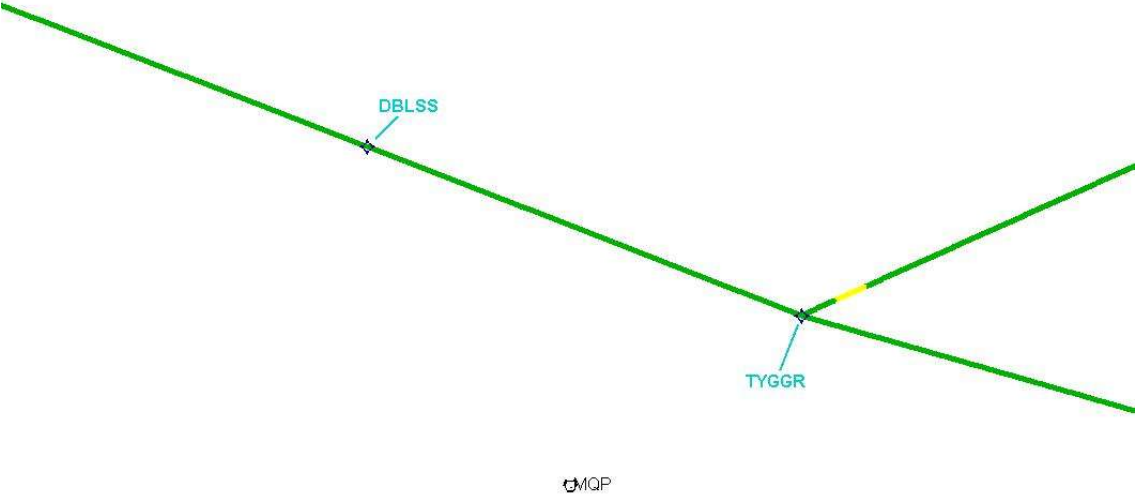
Graphic Depiction 1



Graphic Depiction 2

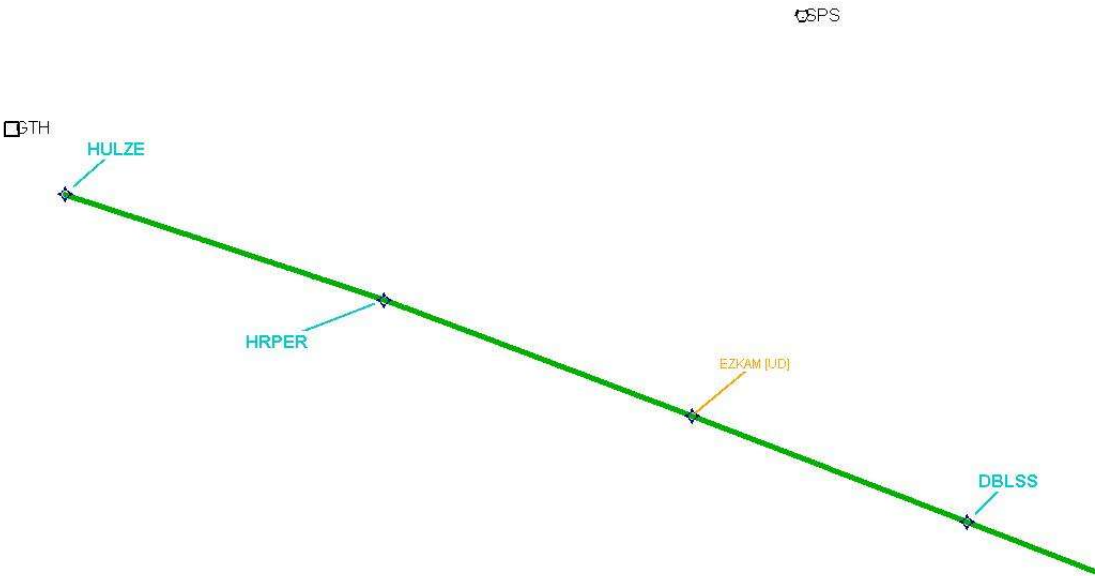


Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW17L:DER_BPARK

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW17R:DER_BPARK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW17R-DER_BPARK\KDFW HRPER4 SID RW17R BPARK 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW17R:DER	WP	N32° 52' 44.0203", W097° 01' 48.2888"	563.4	VNAV	130	FLY_BY	TF
BPARK	WP	N32° 46' 31.7600", W097° 04' 51.5100"	3764.3	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW17R:DER_BPARK

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	55.7 %	60.1 %
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3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	55.7 %	60.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.7	CVE	FUZ				
4.5	CVE	FUZ	TTT			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 52' 41.8616", W097° 01' 48.3003"	N32° 50' 11.1370", W097° 02' 40.1681"	2.682

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW17R:DER	BPARK	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW17R:DER_BPARK

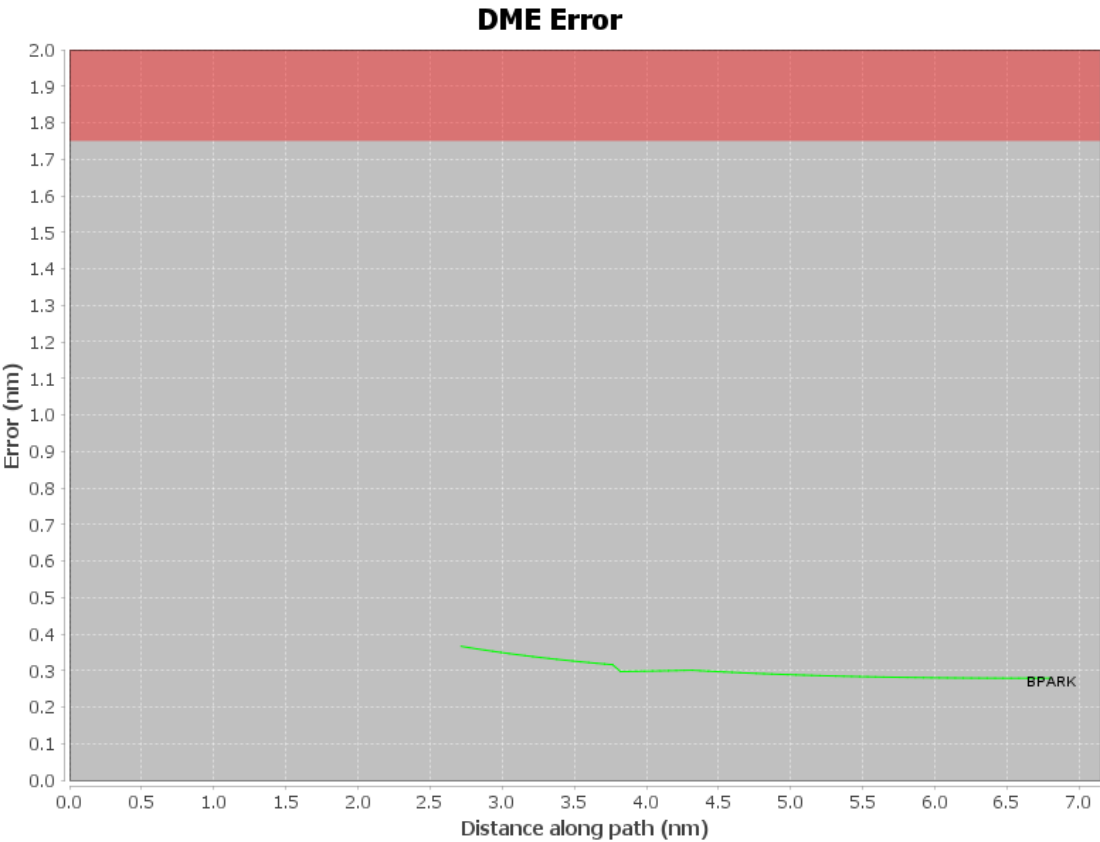
User Data Files

File Name

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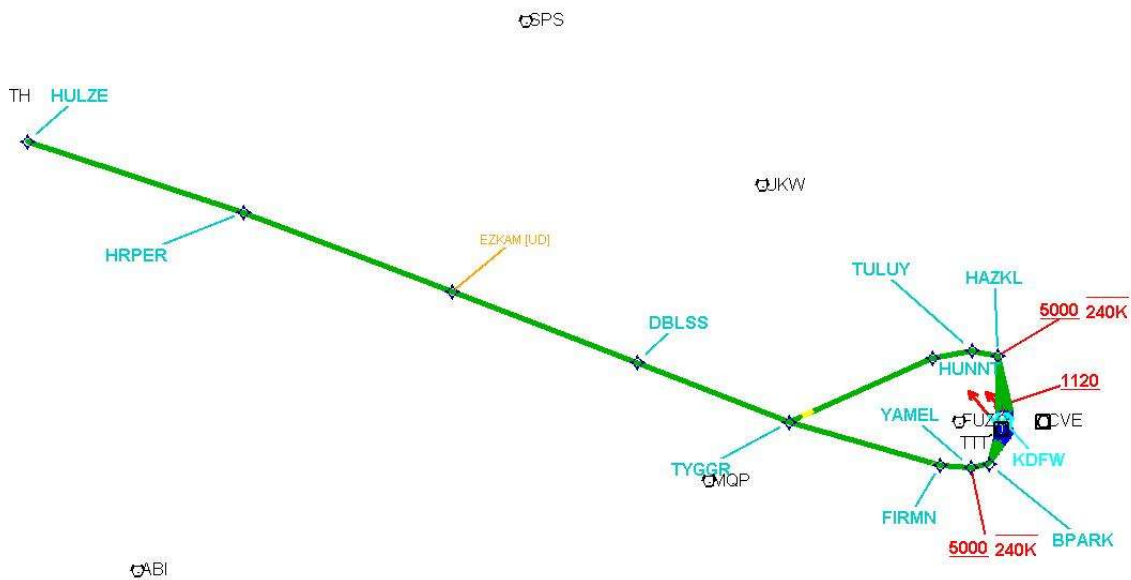
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
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2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
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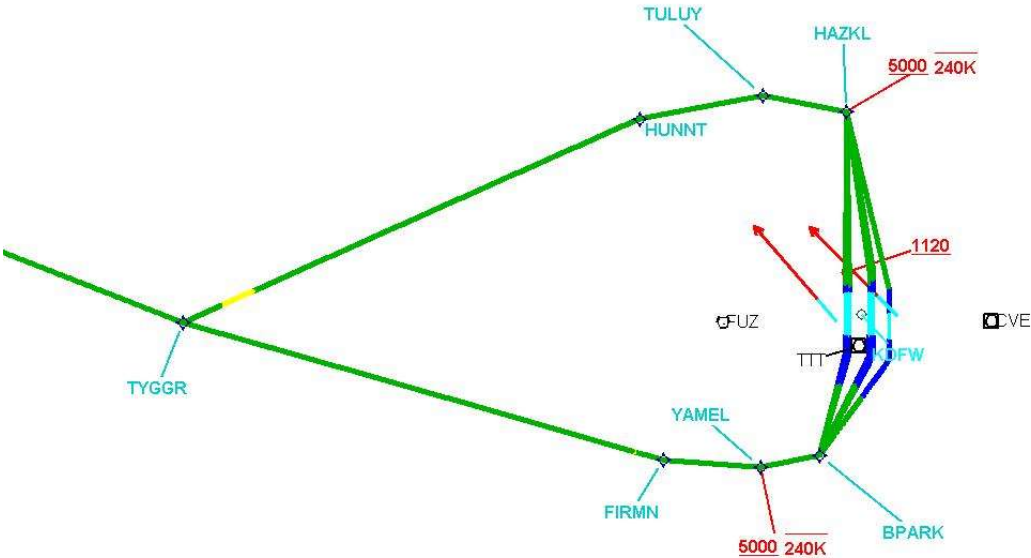
DME DME Assessment Results for HRPER4 path KDFW:RW17R:DER_BPARK

Graphic Depiction 1

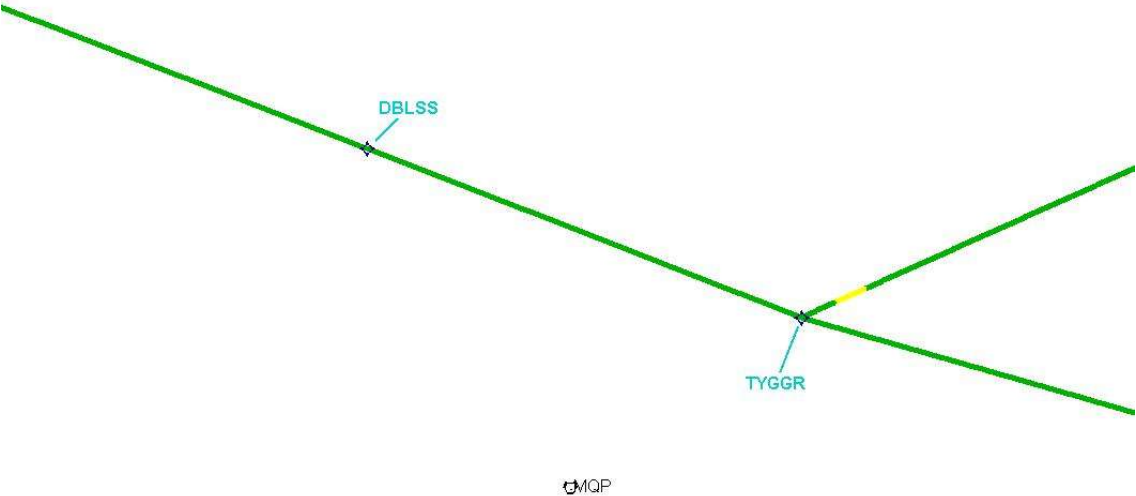


DME DME Assessment Results for HRPER4 path KDFW:RW17R:DER_BPARK

Graphic Depiction 2

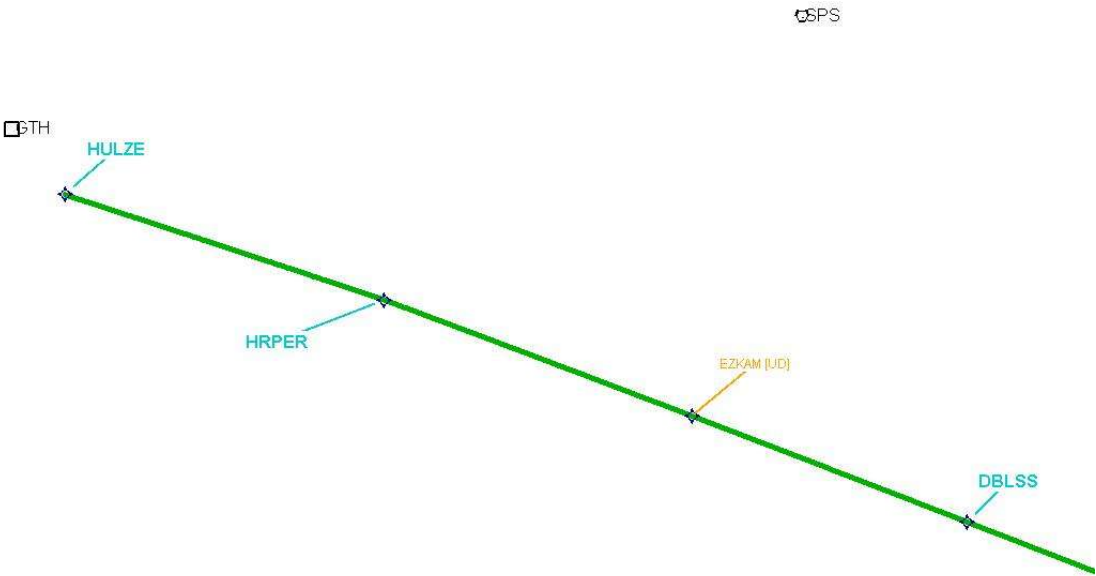


Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW17R:DER_BPARK

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW18L:DER_BPARK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW18L-DER_BPARK\KDFW HRPER4 SID RW18L BPARK 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW18L:DER	WP	N32° 52' 44.2972", W097° 03' 03.3332"	575.3	VNAV	130	FLY_BY	TF
BPARK	WP	N32° 46' 31.7600", W097° 04' 51.5100"	3764.3	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW18L:DER_BPARK

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	54.3 %	58.8 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	34.4 %	37.2 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	54.3 %	58.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.6	CVE	FUZ				
4.0	TTT	FUZ	CVE			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 52' 42.1847", W097° 03' 03.3441"	N32° 50' 09.2537", W097° 03' 35.1456"	2.6102

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW18L:DER	BPARK	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW18L:DER_BPARK

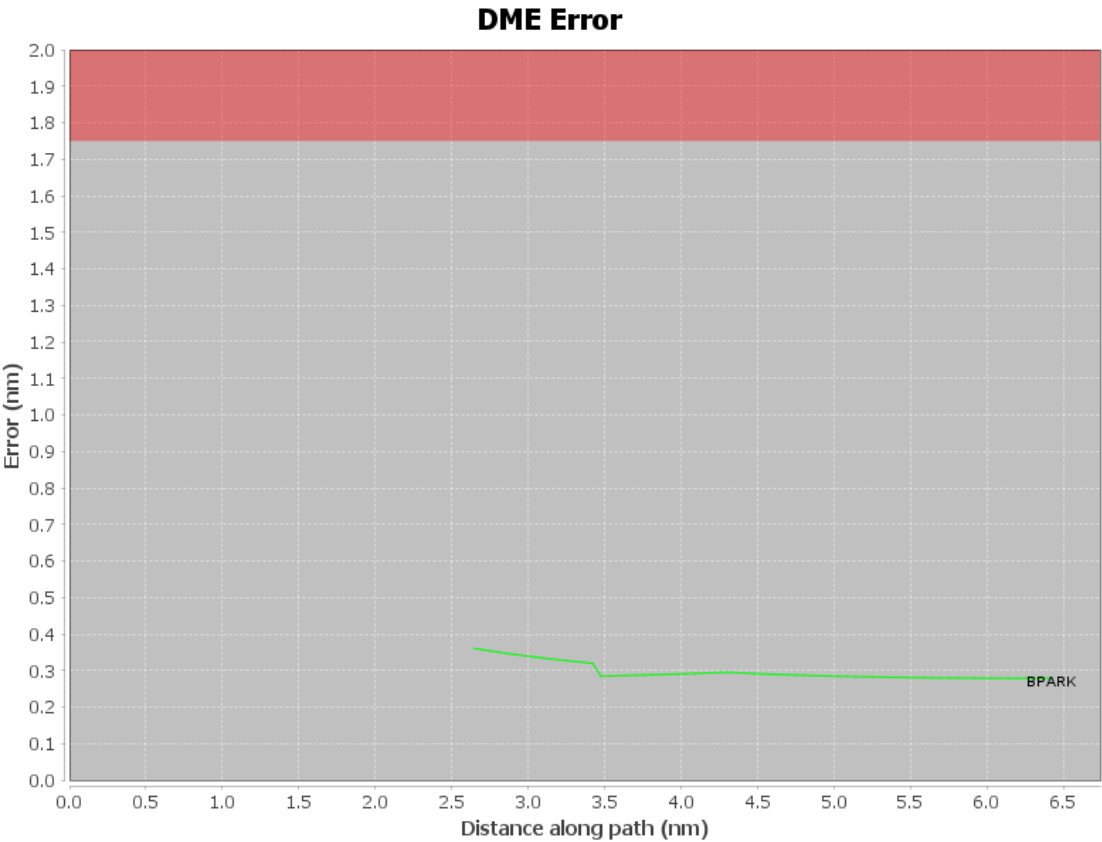
User Data Files

File Name

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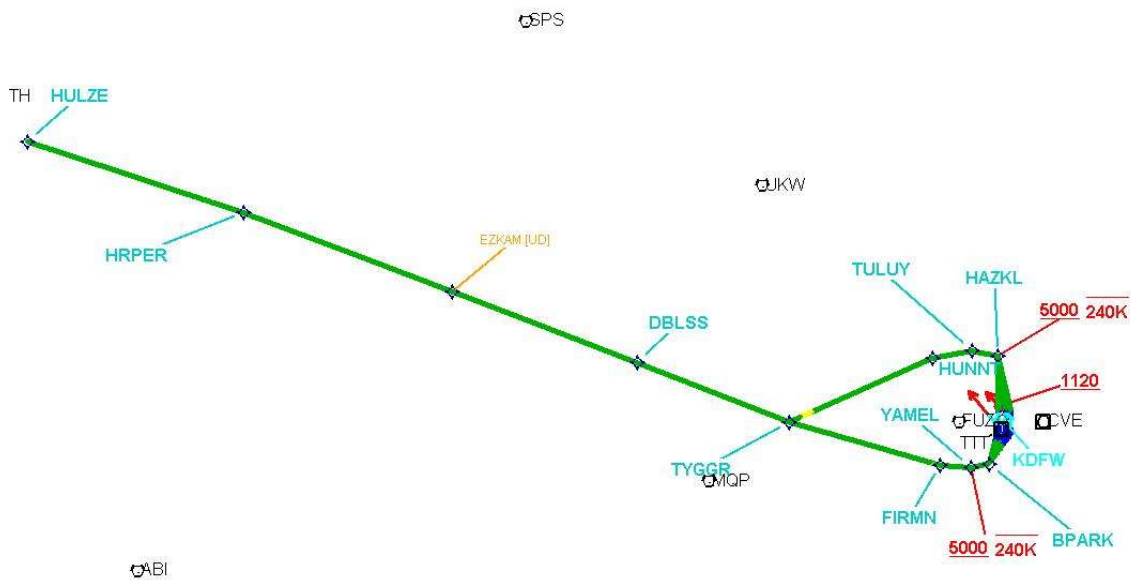
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

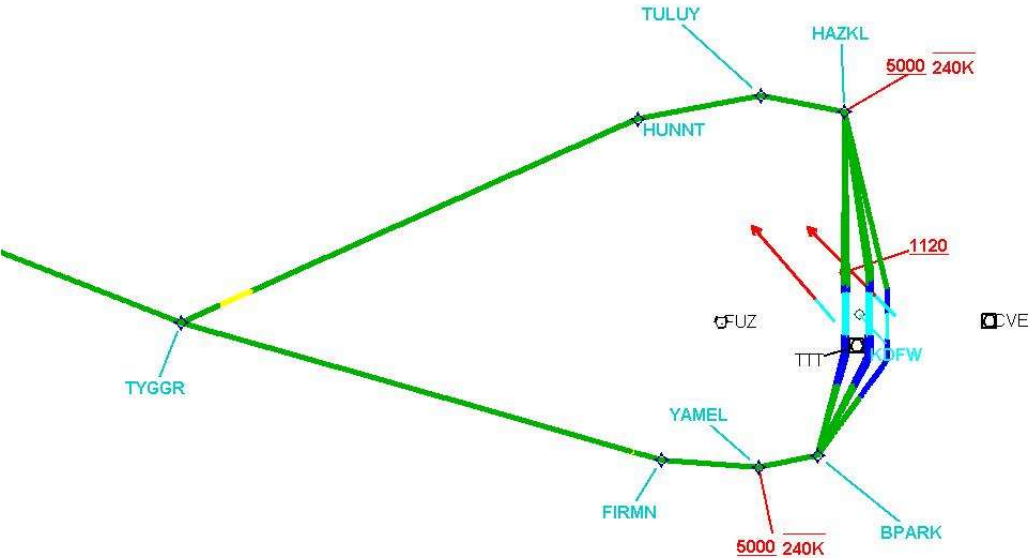


DME DME Assessment Results for HRPER4 path KDFW:RW18L:DER_BPARK

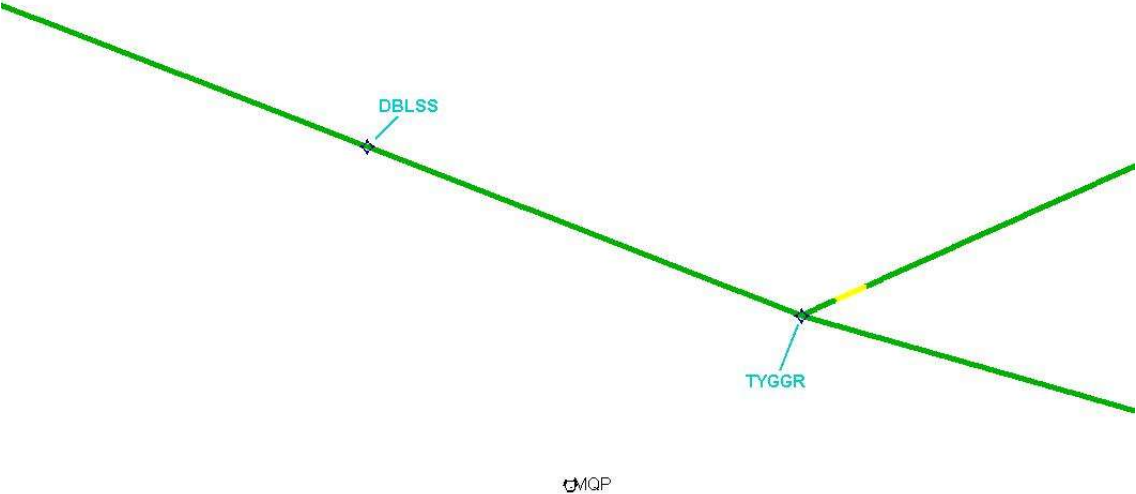
Graphic Depiction 1



Graphic Depiction 2

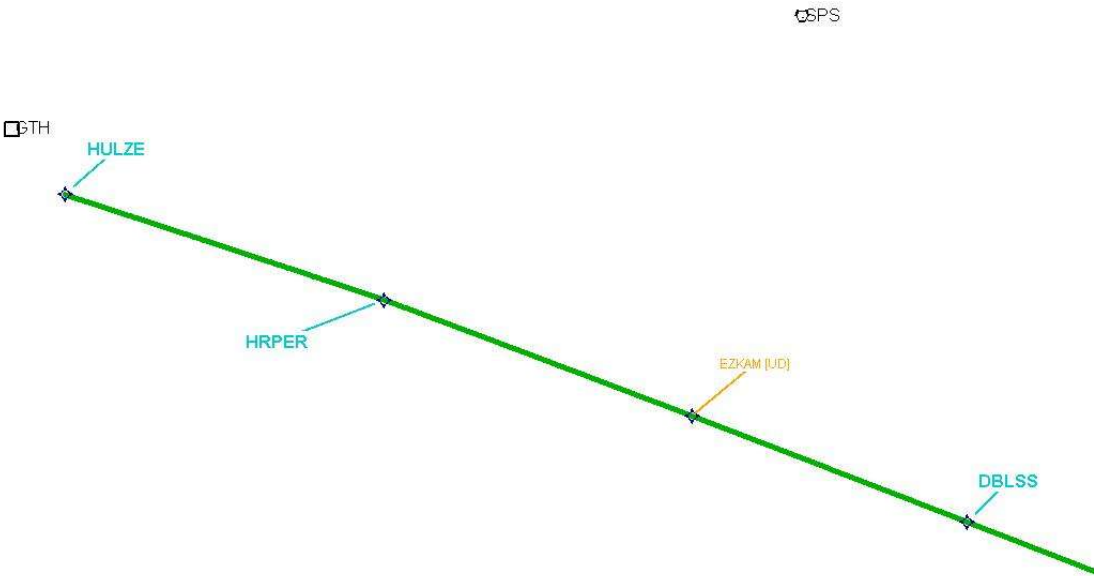


Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW18L:DER_BPARK

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW18R:DER_BPARK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW18R-DER_BPARK\KDFW HRPER4 SID RW18R BPARK 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW18R:DER	WP	N32° 52' 44.3493", W097° 03' 17.4003"	582.2	VNAV	130	FLY_BY	TF
BPARK	WP	N32° 46' 31.7600", W097° 04' 51.5100"	3764.3	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW18R:DER_BPARK

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	53.6 %	58 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	35.2 %	38.1 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	53.6 %	58 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.7	CVE	FUZ				
3.9	TTT	FUZ	CVE			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 52' 42.1940", W097° 03' 17.4113"	N32° 50' 06.6700", W097° 03' 46.0793"	2.6395

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW18R:DER	BPARK	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW18R:DER_BPARK

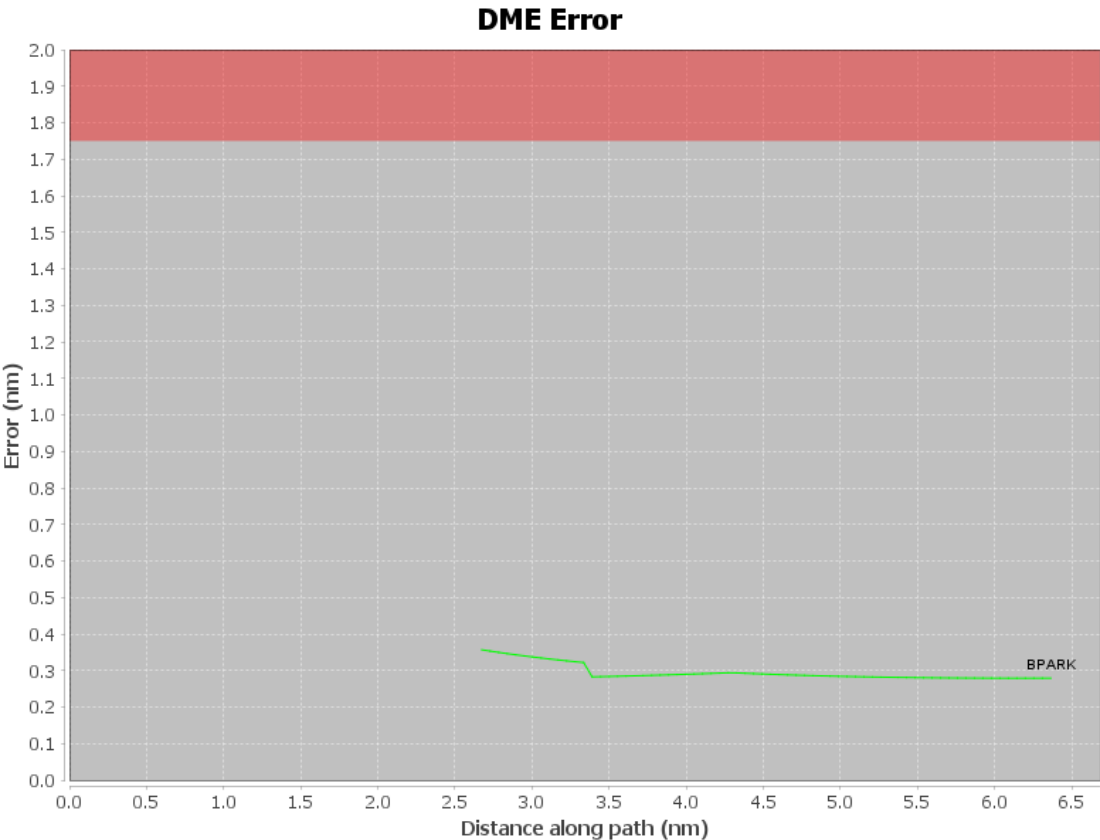
User Data Files

File Name

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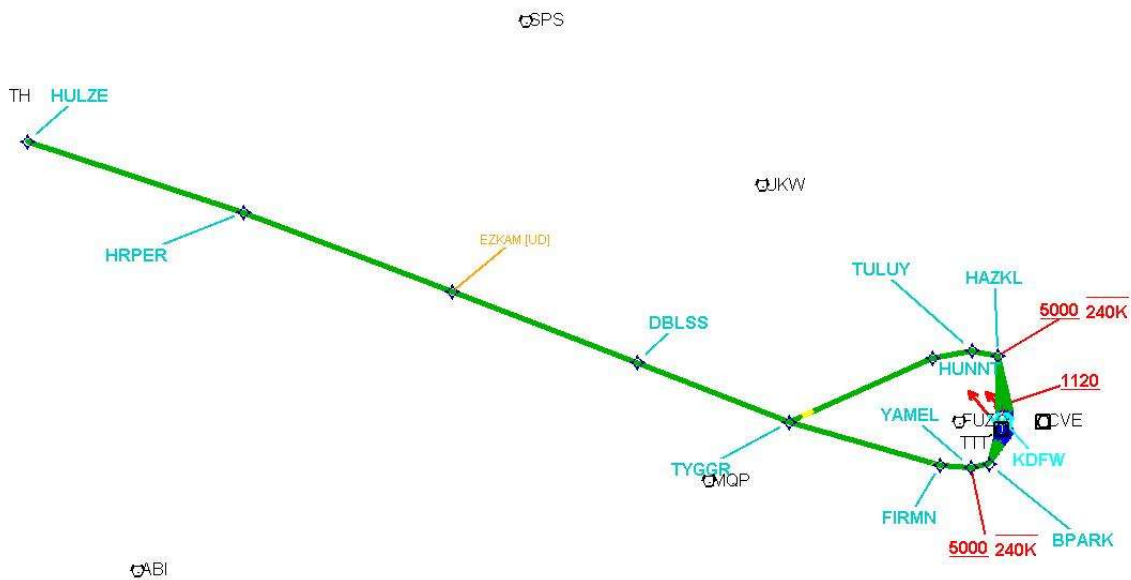
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		



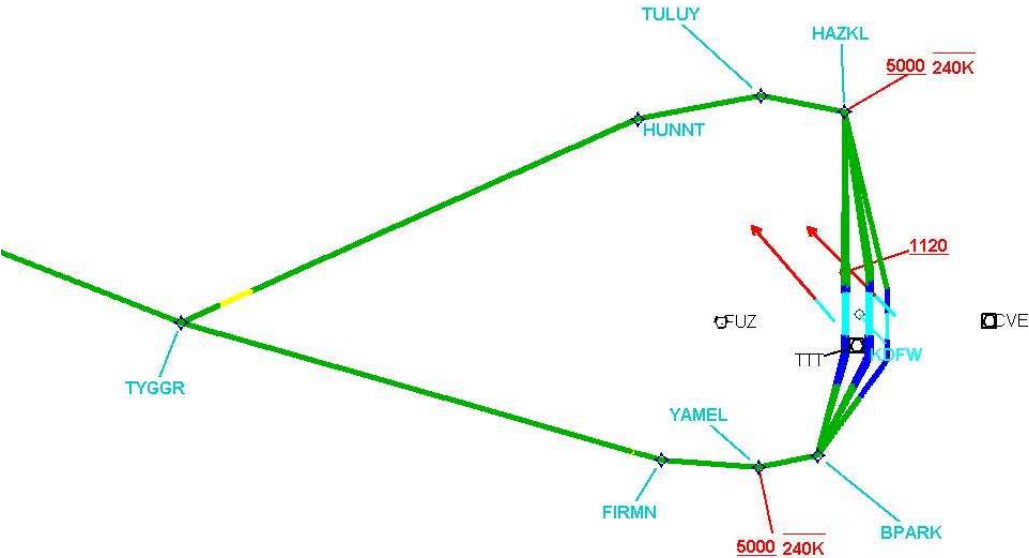
DME DME Assessment Results for HRPER4 path KDFW:RW18R:DER_BPARK

Graphic Depiction 1

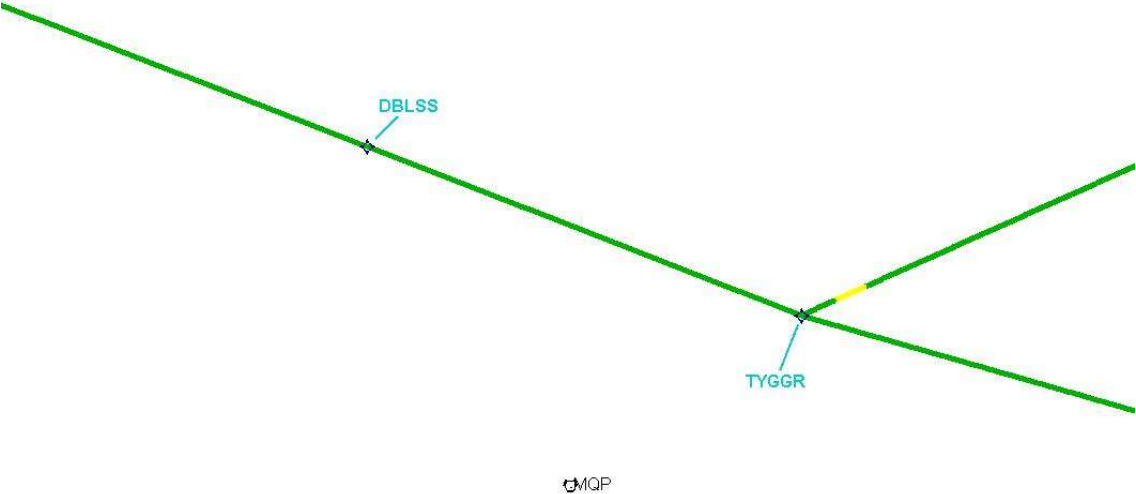


DME DME Assessment Results for HRPER4 path KDFW:RW18R:DER_BPARK

Graphic Depiction 2

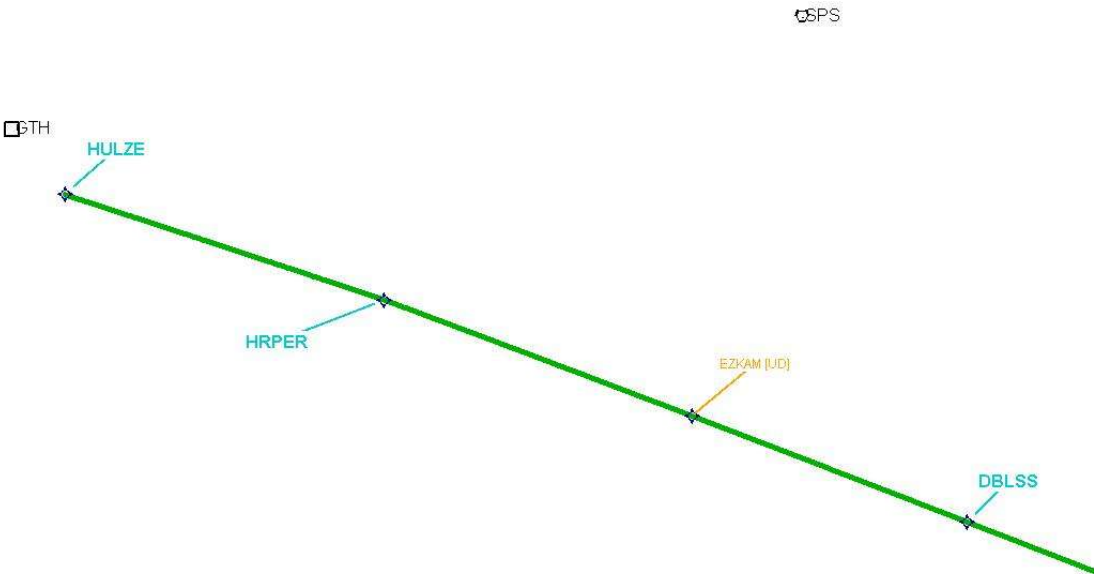


Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW18R:DER_BPARK

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW35C:DER_TYGGR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW35C-DER_TYGGR\KDFW HRPER4 SID RW35C TYGGR 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW35C:DER	WP	N32° 54' 56.5441", W097° 01' 33.5097"	562.2	VNAV	130	FLY_BY	TF
HAZKL	WP	N33° 04' 15.0400", W097° 03' 11.5800"	5000	VNAV	240	FLY_BY	TF
TULUY	WP	N33° 05' 05.3000", W097° 08' 18.6600"	5876.2	VNAV	240	FLY_BY	TF
HUNNT	WP	N33° 03' 53.4200", W097° 15' 54.8600"	7176.2	VNAV	240	FLY_BY	TF
TYGGR	WP	N32° 53' 22.1400", W097° 43' 59.7900"	10000	VNAV	240	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW35C:DER_TYGGR

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	H		NO	Enabled	40.4 %	42.4 %
2	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	97.7 %	98.7 %
3	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	92.1 %	93.4 %
4	SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	H		NO	Enabled	24.3 %	25.6 %
5	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	97.7 %	98.7 %
6	MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	H		NO	Enabled	75.8 %	79.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.6	CVE	TTT	FUZ			
7.0	CVE	FUZ				
9.5	MQP	CVE	TTT	FUZ		
24.3	UKW	MQP	FUZ	TTT	CVE	
44.0	SPS	MQP	CVE	FUZ	TTT	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 54' 58.7074", W097° 01' 33.4982"	N32° 55' 33.3209", W097° 01' 33.3133"	0.5758

DME DME Assessment Results for HRPER4 path KDFW:RW35C:DER_TYGGR

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW35C:DER	HAZKL	CVE, TTT, FUZ	
HAZKL	TULUY	CVE, TTT, FUZ, MQP	
TULUY	HUNNT	CVE, TTT, FUZ, MQP	
HUNNT	TYGGR	UKW, CVE, TTT, SPS, FUZ, MQP	

User Data Files

#	File Name
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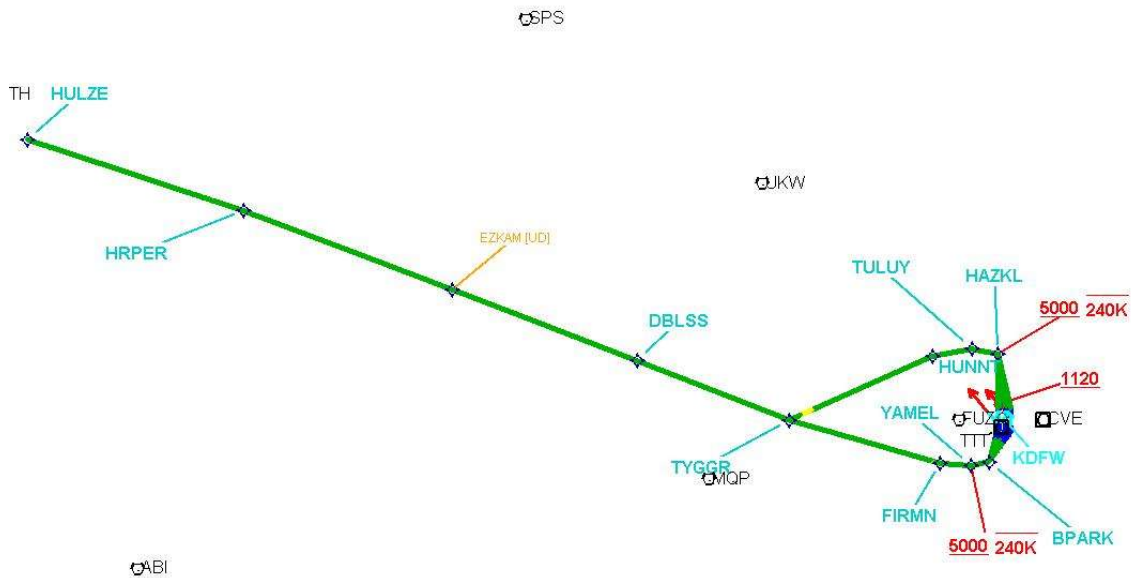
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
	ESV:	Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
	ESV:	Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
	ESV:	Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
	ESV:	Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
	ESV:	Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

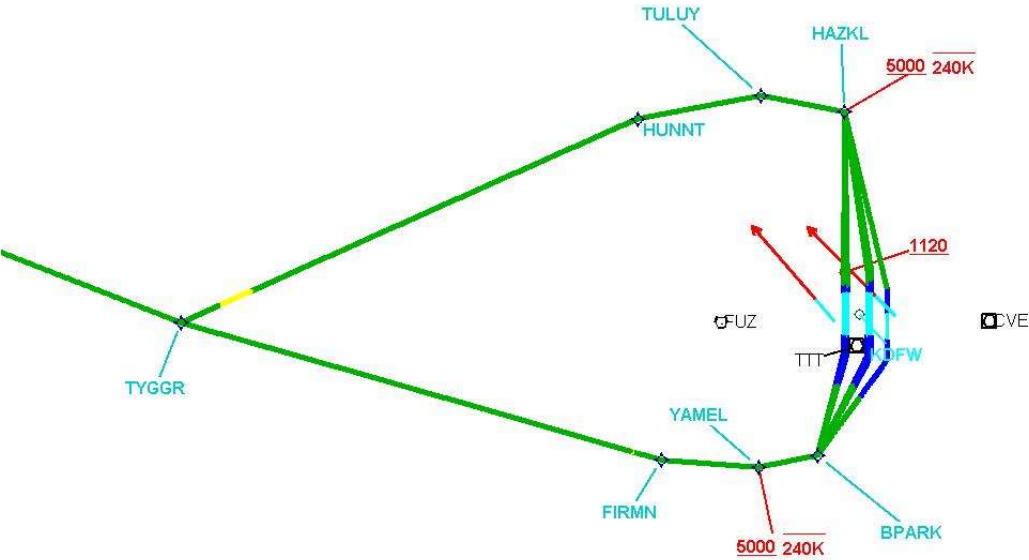


DME DME Assessment Results for HRPER4 path KDFW:RW35C:DER_TYGGR

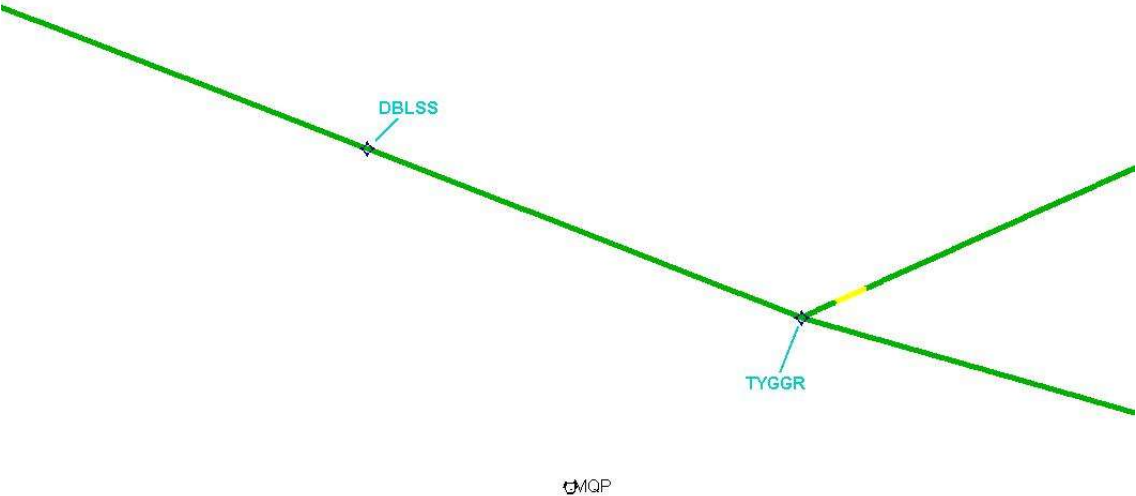
Graphic Depiction 1



Graphic Depiction 2

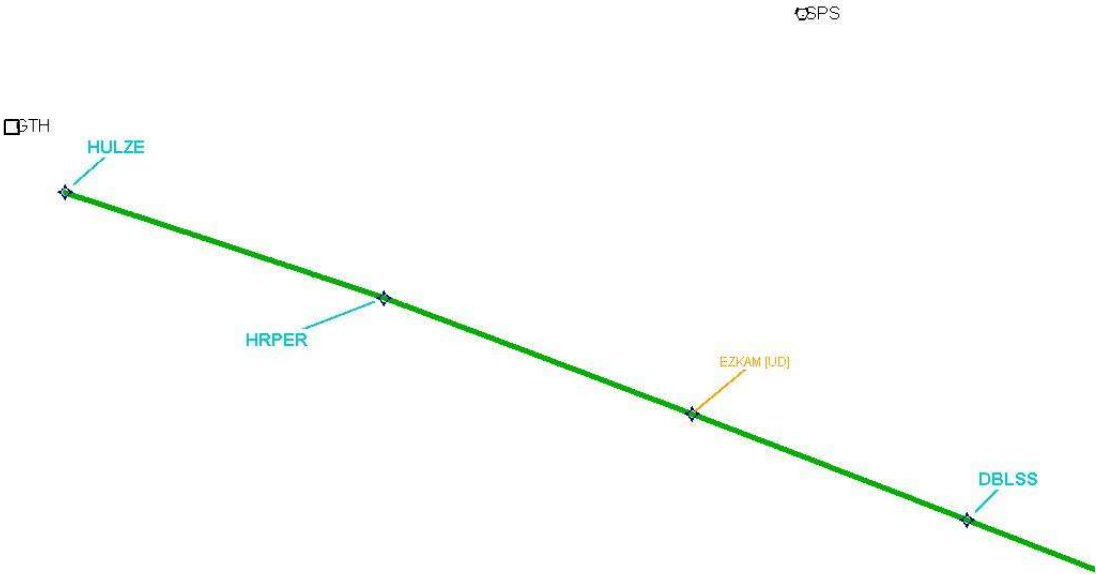


Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW35C:DER_TYGR

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW35L:DER_HAZKL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW35L-DER_HAZKL\KDFW HRPER4 SID RW35L HAZKL 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW35L:DER	WP	N32° 54' 56.5996", W097° 01' 47.5806"	566.6	VNAV	130	FLY_BY	TF
HAZKL	WP	N33° 04' 15.0400", W097° 03' 11.5800"	5000	VNAV	240	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW35L:DER_HAZKL

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	93.8 %	95.8 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	70.5 %	69.8 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	93.8 %	95.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.4	CVE	TTT	FUZ			
7.0	CVE	FUZ				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 54' 58.7459", W097° 01' 47.5691"	N32° 55' 20.2086", W097° 01' 47.4545"	0.357

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW35L:DER	HAZKL	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW35L:DER_HAZKL

User Data Files

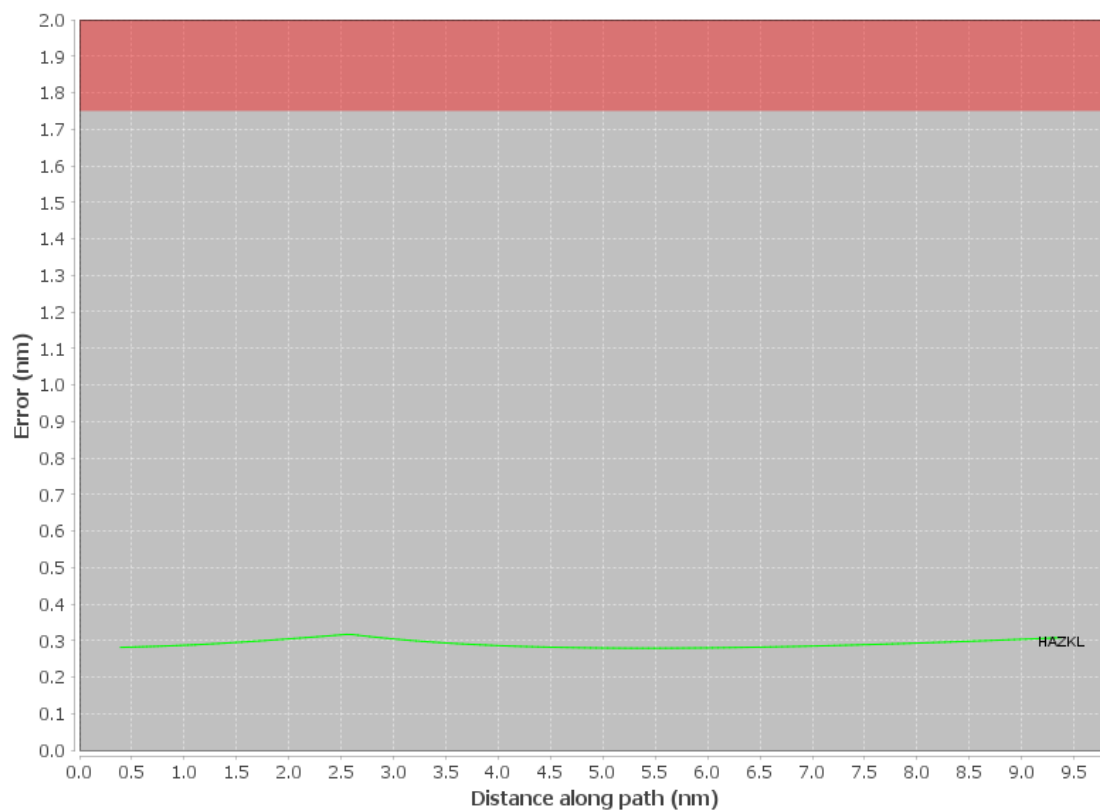
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User DMEs

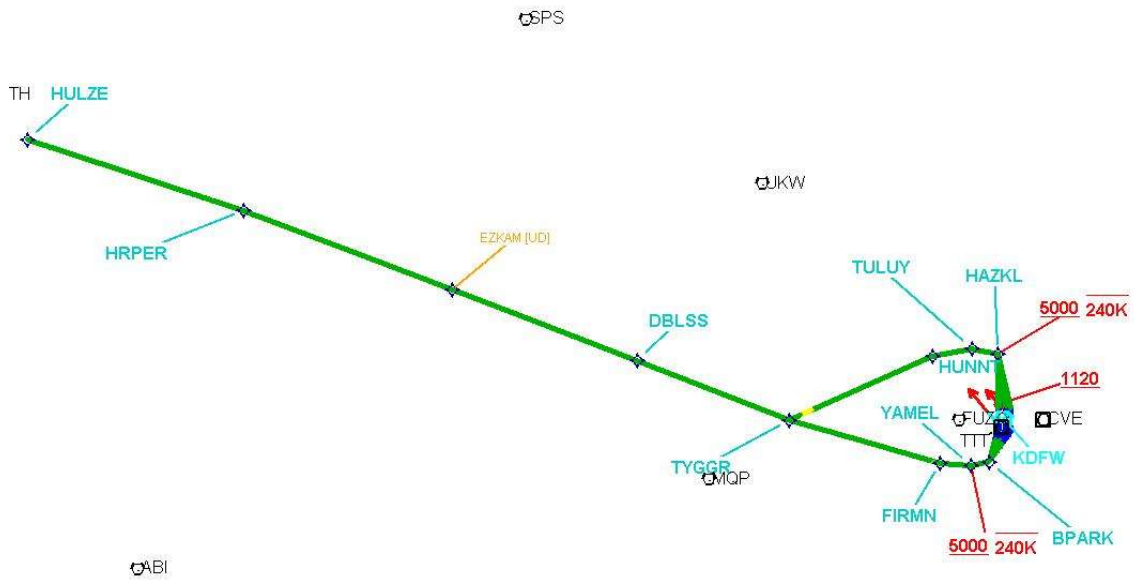
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

DME Error



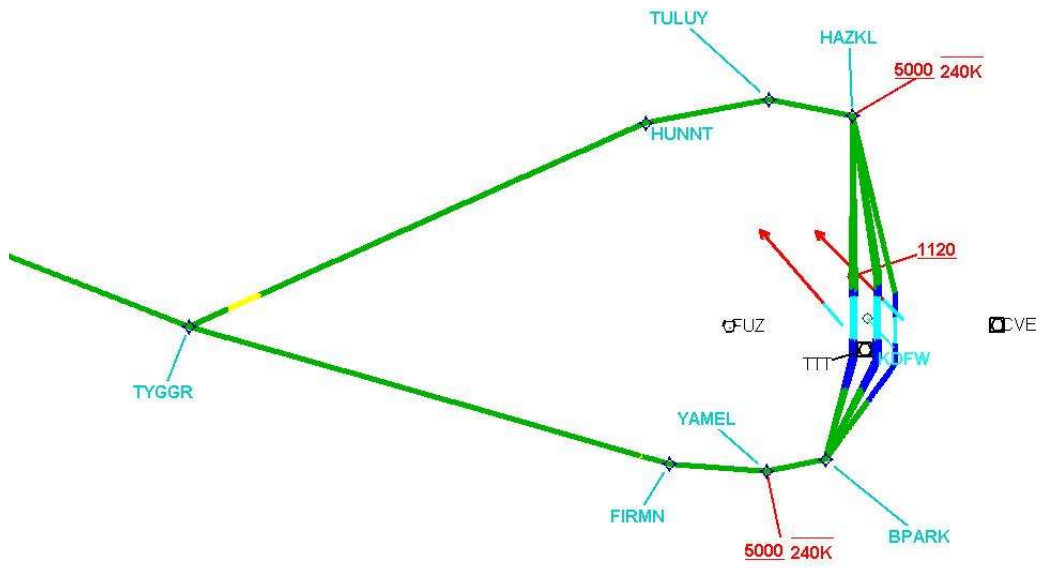
DME DME Assessment Results for HRPER4 path KDFW:RW35L:DER_HAZKL

Graphic Depiction 1



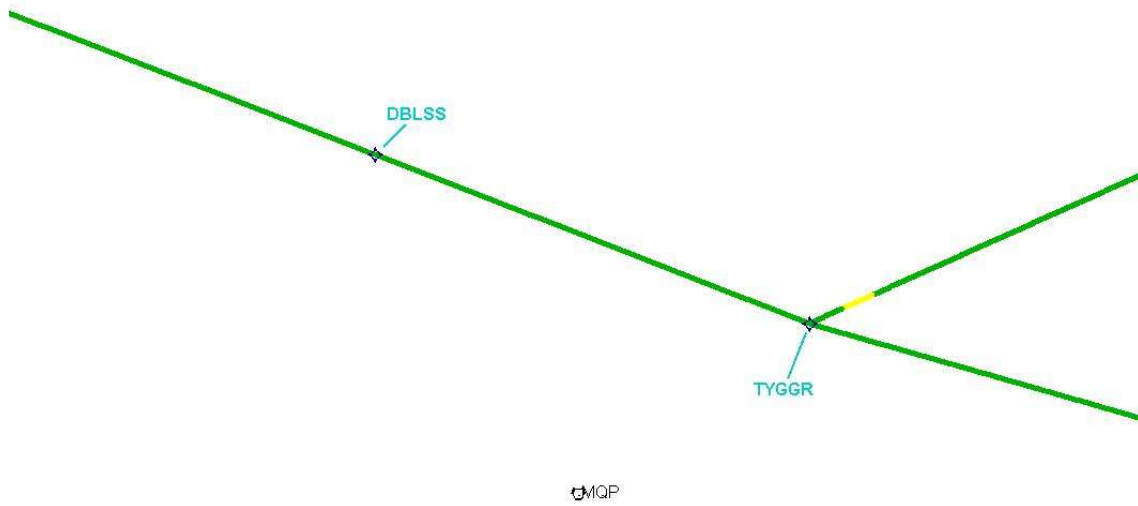
DME DME Assessment Results for HRPER4 path KDFW:RW35L:DER_HAZKL

Graphic Depiction 2



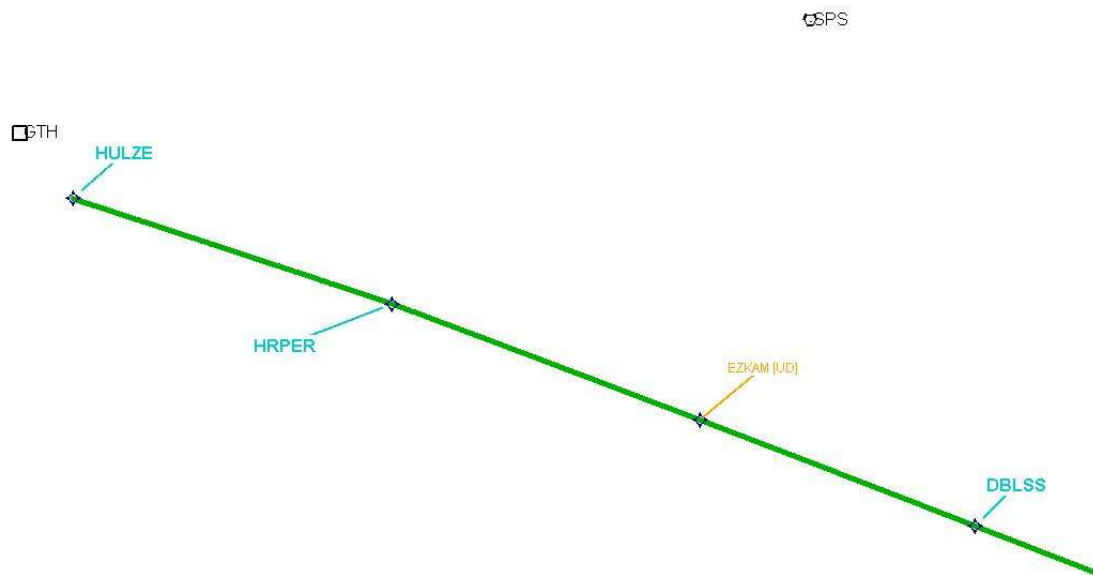
DME DME Assessment Results for HRPER4 path KDFW:RW35L:DER_HAZKL

Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW35L:DER_HAZKL

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW35R:DER_HAZKL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW35R-DER_HAZKL\KDFW HRPER4 SID RW35R HAZKL 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW35R:DER	WP	N32° 53' 53.9534", W097° 00' 35.2030"	524.3	VNAV	130	FLY_BY	TF
HAZKL	WP	N33° 04' 15.0400", W097° 03' 11.5800"	5000	VNAV	240	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW35R:DER_HAZKL

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	83.4 %	88.2 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	67.3 %	70 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	75.3 %	79.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.2	CVE	TTT				
2.1	CVE	TTT	FUZ			
8.7	CVE	FUZ				

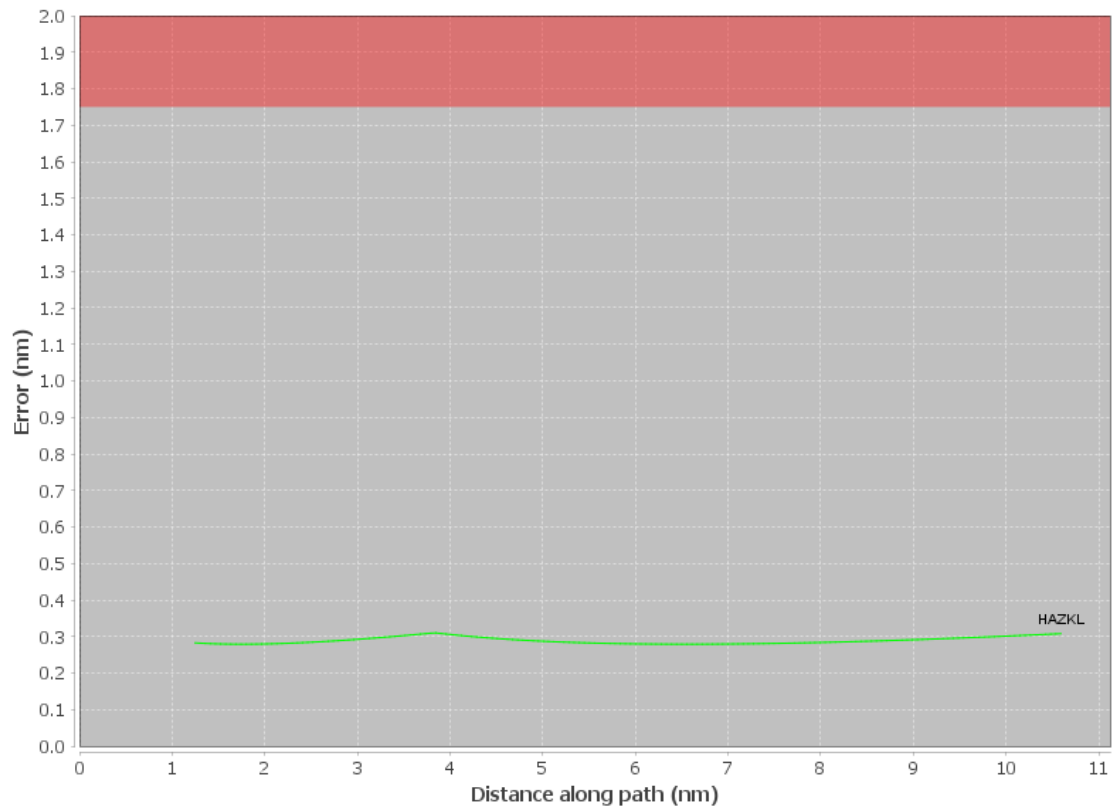
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 53' 56.1237", W097° 00' 35.1910"	N32° 55' 08.8089", W097° 00' 35.7272"	1.213

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW35R:DER	HAZKL	CVE, TTT, FUZ	

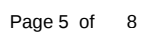
DME DME Assessment Results for HRPER4 path KDFW:RW35R:DER_HAZKL

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

DME Error

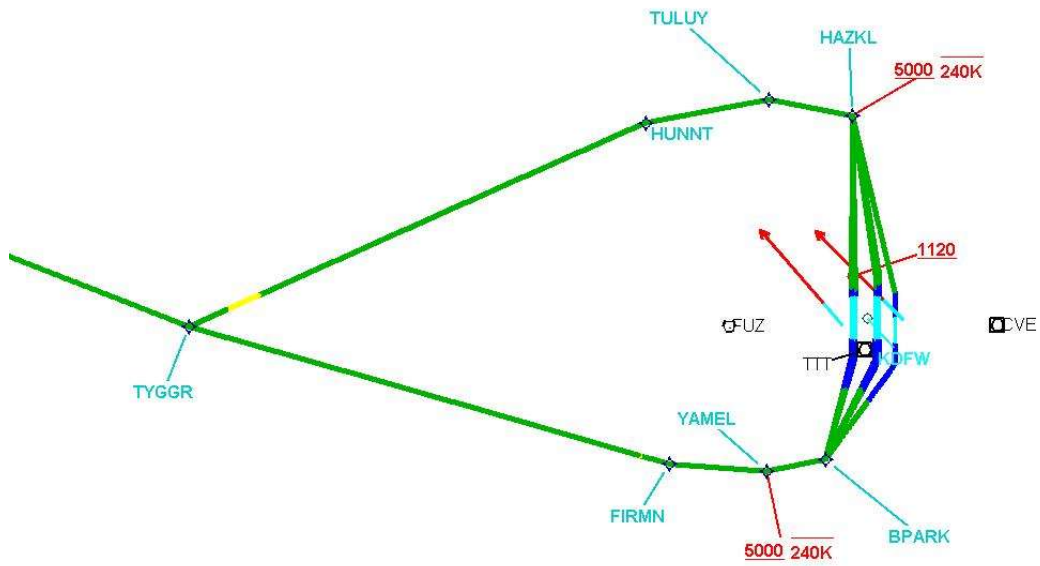


Graphic Depiction 1



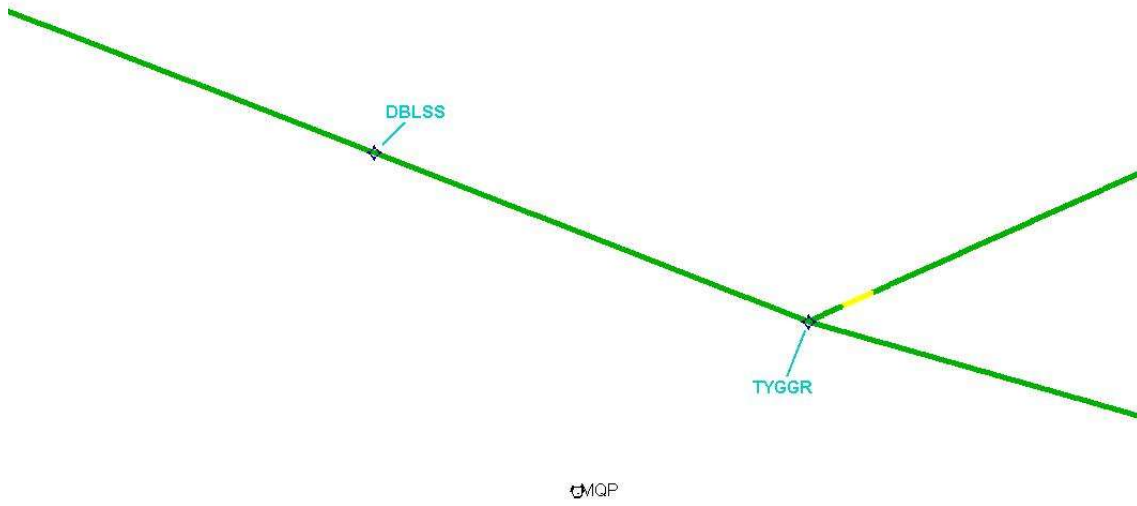
DME DME Assessment Results for HRP4 path KDFW:RW35R:DER_HAZKL

Graphic Depiction 2

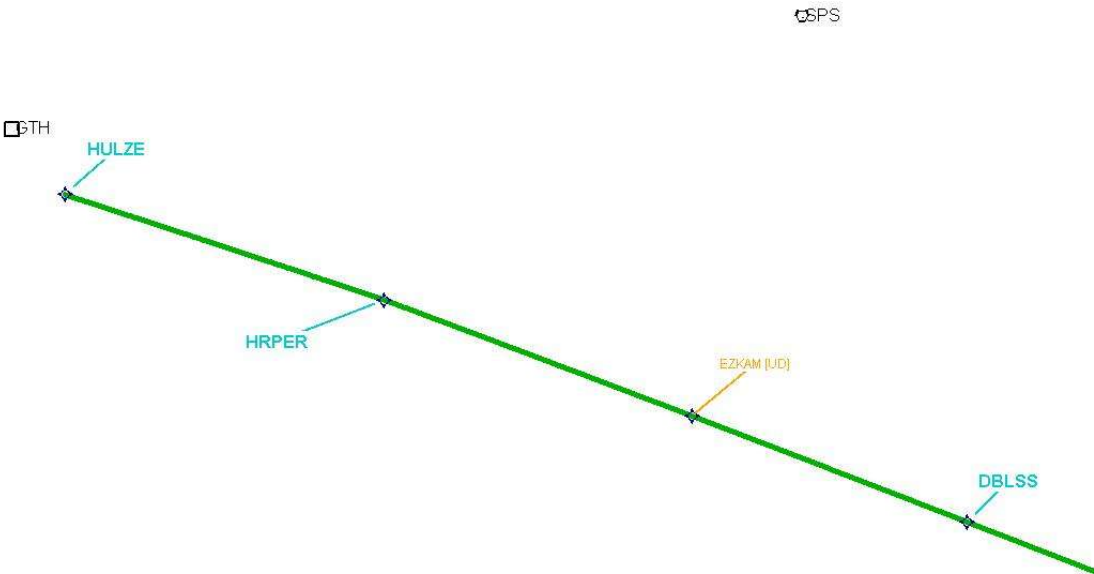


DME DME Assessment Results for HRPER4 path KDFW:RW35R:DER_HAZKL

Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW36L:DER_HAZKL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW36L-DER_HAZKL\KDFW HRPER4 SID RW36L HAZKL 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW36L:DER	WP	N32° 54' 56.9275", W097° 03' 16.7239"	606.4	VNAV	130	FLY_OVER	TF
HAZKL	WP	N33° 04' 15.0400", W097° 03' 11.5800"	5000	VNAV	240	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW36L:DER_HAZKL

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	95.2 %	96.2 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	85 %	81.9 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	95.2 %	96.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.4	TTT	FUZ	CVE			
8.0	CVE	FUZ				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 54' 59.0568", W097° 03' 16.7130"	N32° 55' 18.2204", W097° 03' 16.6151"	0.3188

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW36L:DER	HAZKL	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW36L:DER_HAZKL

User Data Files

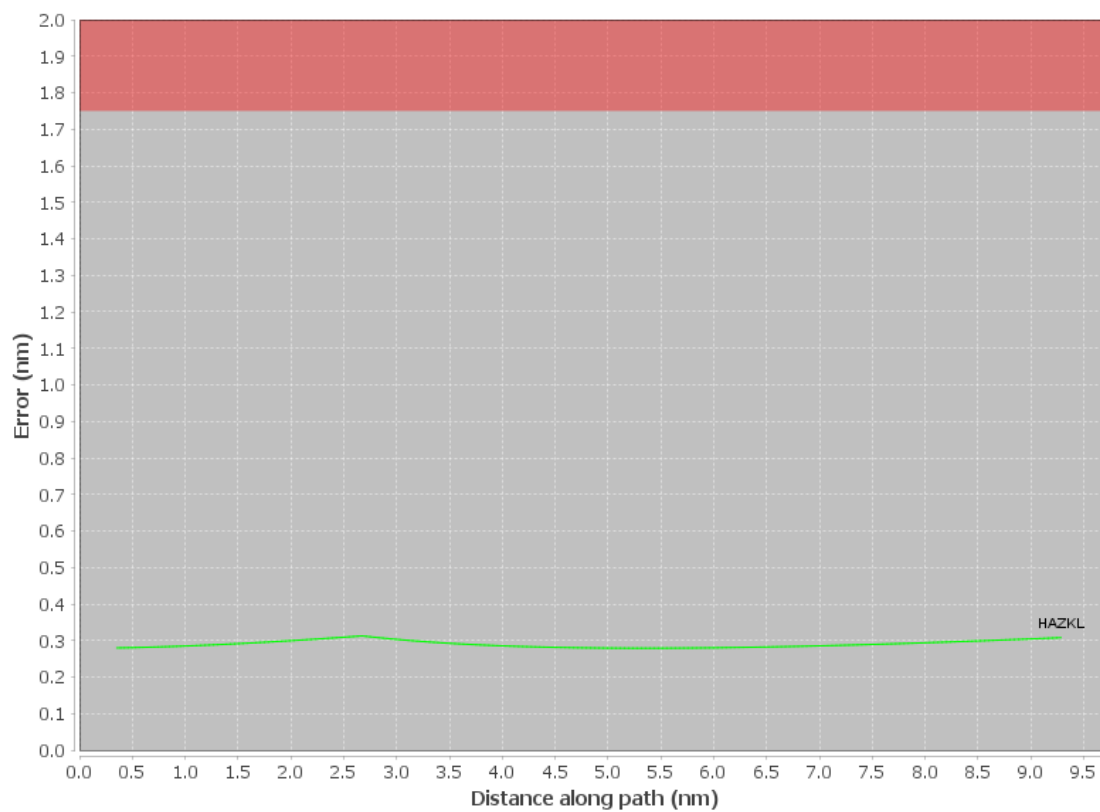
File Name

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User DMEs

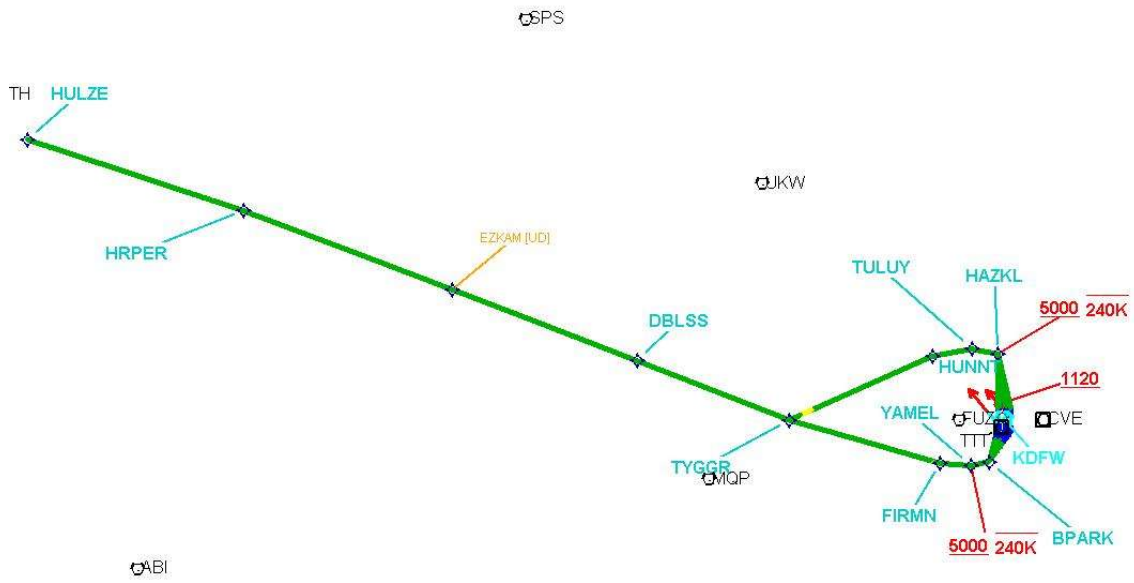
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

DME Error



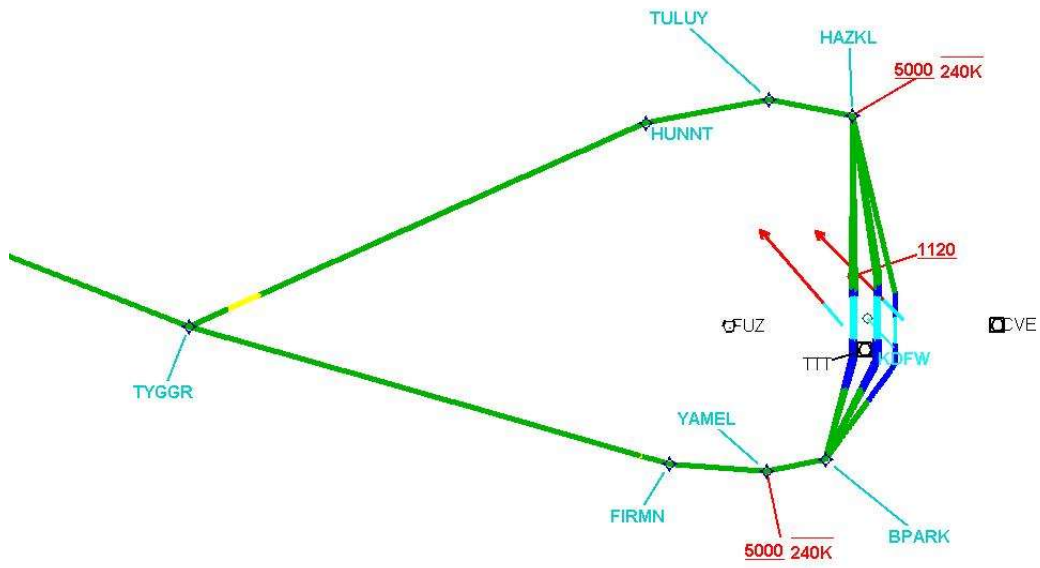
DME DME Assessment Results for HRPER4 path KDFW:RW36L:DER_HAZKL

Graphic Depiction 1

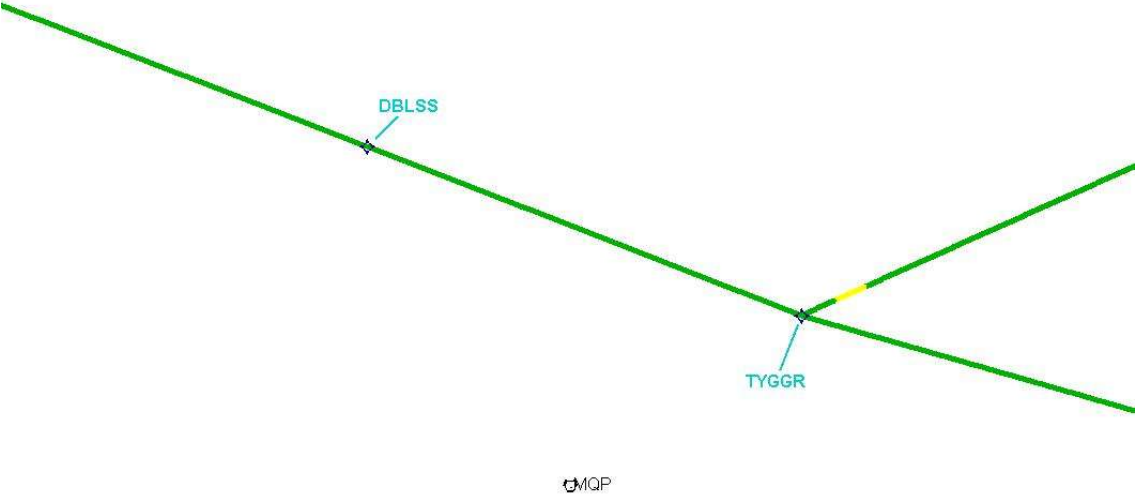


DME DME Assessment Results for HRPER4 path KDFW:RW36L:DER_HAZKL

Graphic Depiction 2

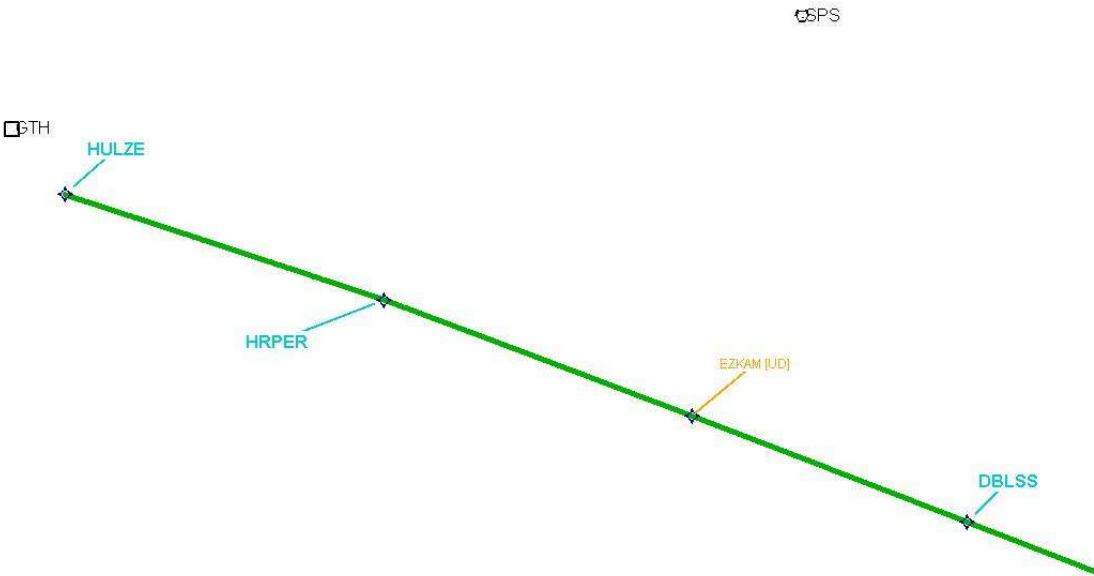


Graphic Depiction 3



DME DME Assessment Results for HRPER4 path KDFW:RW36L:DER_HAZKL

Graphic Depiction 4



DME DME Assessment Results for HRPER4 path KDFW:RW36R:DER_HAZKL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\Downloads\KDFW HRPER4 SID 20250407.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KDFW (KLUD)\KDFW HRPER4 SID\KDFW [IFPA] HRPER4 20250407_0904 EDT\KDFW-RW36R-DER_HAZKL\KDFW HRPER4 SID RW36R HAZKL 20250407_0904 EDT.pdf
Procedure Name:	HRPER4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/07/2025 09:04 EDT
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
KDFW:RW36R:DER	WP	N32° 54' 56.8785", W097° 03' 02.6511"	601.5	VNAV	130	FLY_OVER	TF
HAZKL	WP	N33° 04' 15.0400", W097° 03' 11.5800"	5000	VNAV	240	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KDFW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1120.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 HRPER4 path KDFW:RW36R:DER_HAZKL

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	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	CVE	N32° 53' 25.1172", W096° 54' 14.2809"	6.0 E	130	DH		NO	Enabled	95.2 %	96.1 %
2	TTT	N32° 52' 08.9750", W097° 02' 25.8087"	6.0 E	130	H		NO	Enabled	85.3 %	81.7 %
3	FUZ	N32° 53' 22.0157", W097° 10' 45.9332"	6.0 E	130	H		NO	Enabled	96.6 %	97.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.3	TTT	FUZ				
0.4	TTT	FUZ	CVE			
7.9	CVE	FUZ				

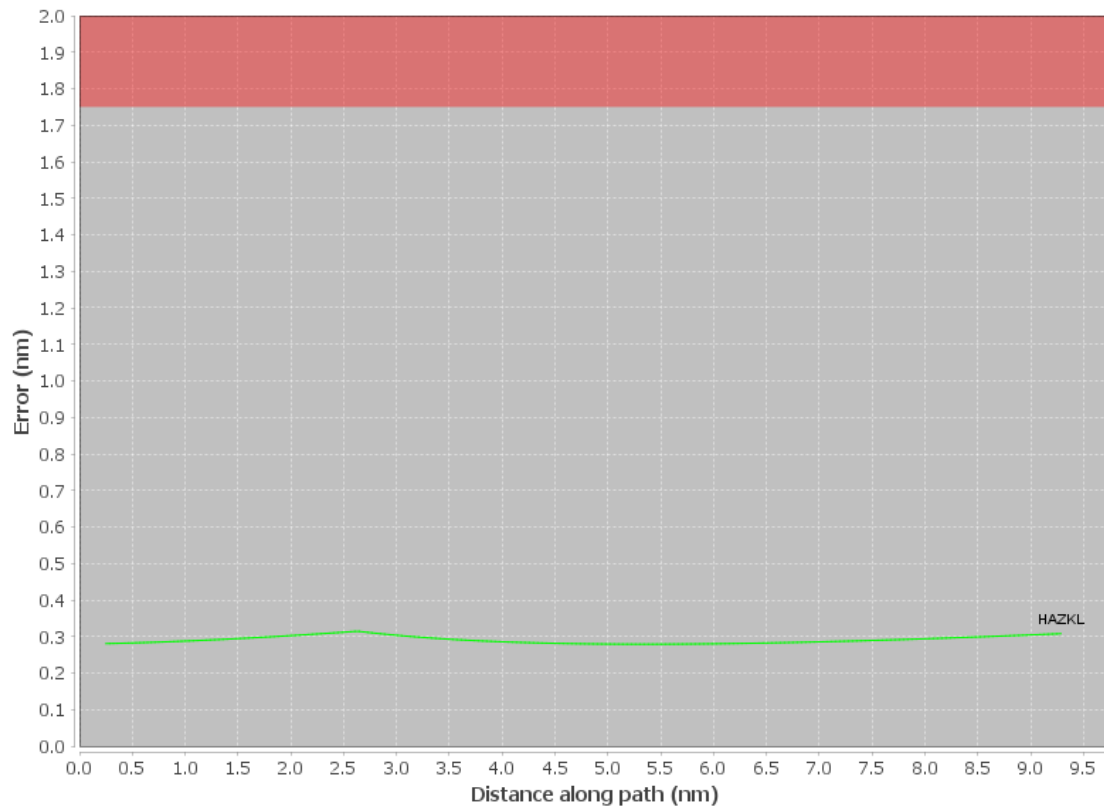
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N32° 54' 59.0281", W097° 03' 02.6400"	N32° 55' 11.9257", W097° 03' 02.5736"	0.2145

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDFW:RW36R:DER	HAZKL	CVE, TTT, FUZ	

DME DME Assessment Results for HRPER4 path KDFW:RW36R:DER_HAZKL

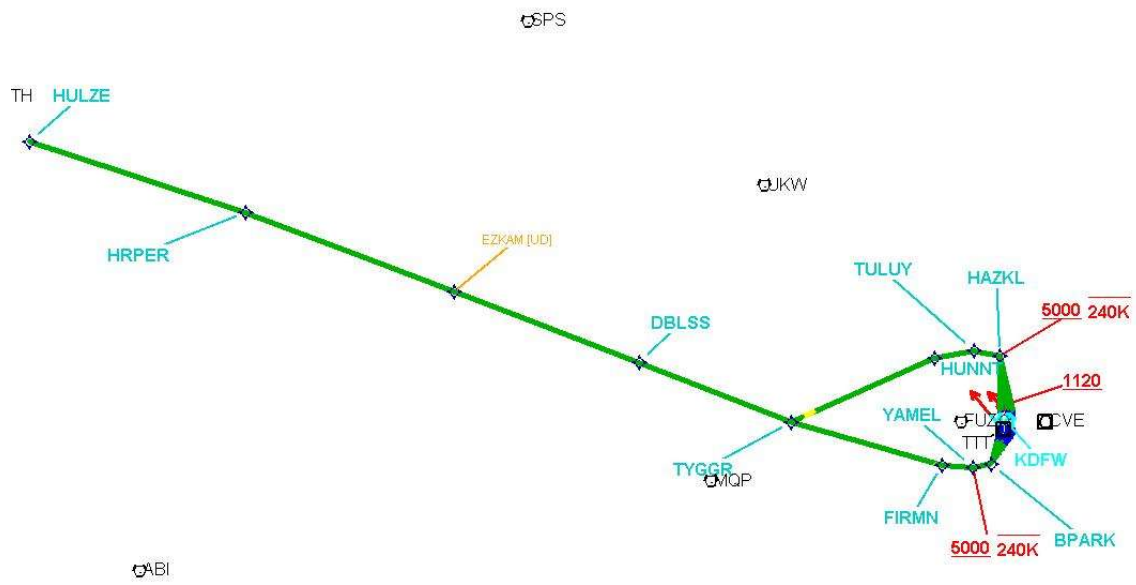
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MQP FAA 698238-36 MQP	N32° 43' 34.2500", W097° 59' 50.7900"	9.0 E	130	900	117.7	MQP FAA 698238-36	
ESV:		Bearing [True]: 55.0° to 90.0° Bearing [Mag]: 46.0° to 81.0°				Arc Distance: Out to 55.0 NM Altitude: 5000.0 to 15000.0 ft		
2	SPS FAA 698134-35 SPS	N33° 59' 14.2345", W098° 35' 36.4988"	10.0 E	130	1133.1	112.7	SPS FAA 698134-35	
ESV:		Bearing [True]: 136.0° to 261.0° Bearing [Mag]: 126.0° to 251.0°				Arc Distance: Out to 96.0 NM Altitude: 8200.0 to 15700.0 ft		
3	UKW FAA 170290-25 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-25	
ESV:		Bearing [True]: 139.0° to 169.0° Bearing [Mag]: 133.0° to 163.0°				Arc Distance: Out to 62.0 NM Altitude: 4400.0 to 15700.0 ft		
4	UKW FAA 170290-29 UKW	N33° 32' 09.1928", W097° 49' 16.6028"	6.0 E	130	1101.9	117.15	UKW FAA 170290-29	
ESV:		Bearing [True]: 187.0° to 278.0° Bearing [Mag]: 181.0° to 272.0°				Arc Distance: Out to 93.0 NM Altitude: 8900.0 to 15700.0 ft		
5	ABI FAA 698152-26 ABI	N32° 28' 52.7901", W099° 51' 48.4333"	10.0 E	130	1809	113.7	ABI FAA 698152-26	
ESV:		Bearing [True]: 313.0° to 77.0° Bearing [Mag]: 303.0° to 67.0°				Arc Distance: Out to 91.0 NM Altitude: 9000.0 to 16400.0 ft		

DME Error



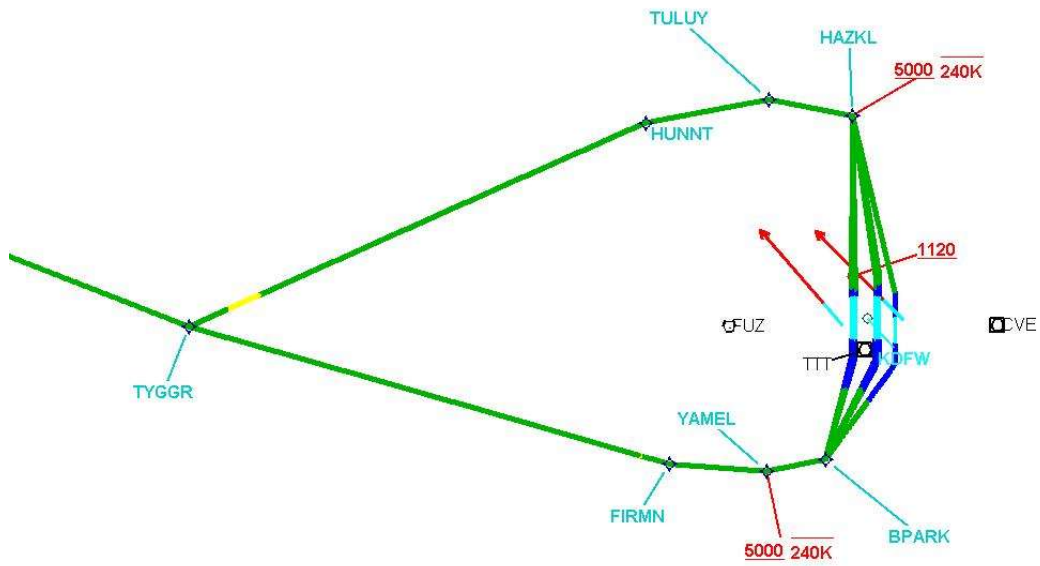
DME DME Assessment Results for HRPER4 path KDFW:RW36R:DER_HAZKL

Graphic Depiction 1



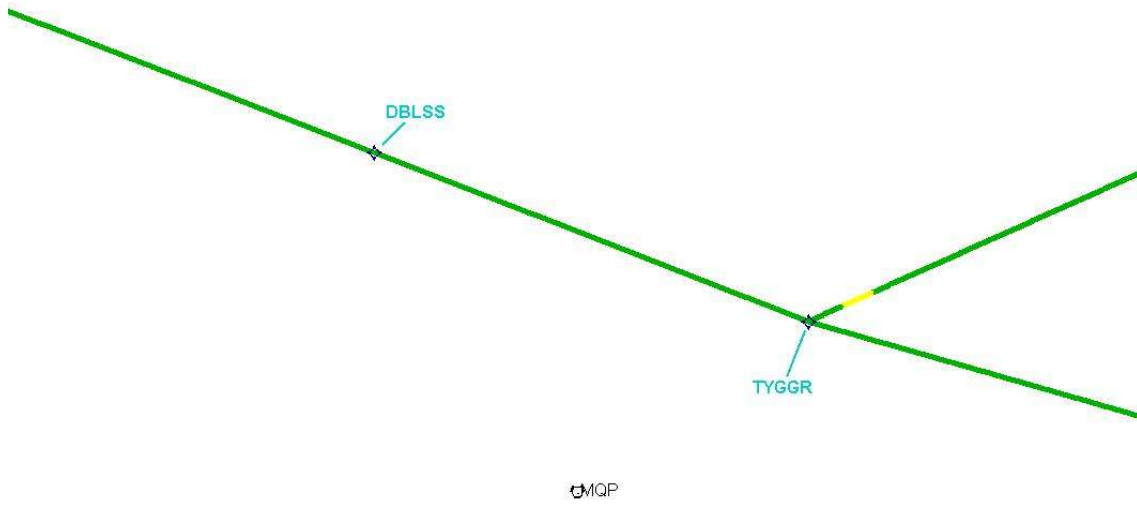
DME DME Assessment Results for HRPER4 path KDFW:RW36R:DER_HAZKL

Graphic Depiction 2



DME DME Assessment Results for HRPER4 path KDFW:RW36R:DER_HAZKL

Graphic Depiction 3



Graphic Depiction 4

