

DME DME Assessment Results for LIDDS4 path KDTW:RW03L:DER_KZLOV

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\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW SID LIDDS FOUR DME SCREENS 20240828.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW [IFPA] LIDDS4 20240828_1006 CDT\KDTW-RW03L-DER_KZLOV\KDTW LIDDS4 SID RW03L KZLOV 20240828_1006 CDT.pdf
Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW03L:DER	WP	N42° 13' 41.8586", W083° 20' 10.1070"	631.4	VNAV	130	FLY_BY	TF
BESST	WP	N42° 16' 56.6900", W083° 13' 21.0400"	2500	VNAV	230	FLY_BY	TF
SWNDL	WP	N42° 12' 55.8000", W083° 04' 22.4400"	4056.3	VNAV	230	FLY_BY	TF
KZLOV	WP	N42° 04' 24.8100", W082° 44' 07.4400"	7517	VNAV	230	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW03L:DER_KZLOV

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PSI	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	L	IFPA	NO	Enabled		
2	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
3	CXR	N41° 31' 00.9405", W081° 09' 47.4692"	5.0 W	130	DH	IFPA	NO	Enabled		
4	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		
5	DJB	N41° 21' 29.0339", W082° 09' 43.0873"	5.0 W	130	DH	IFPA	NO	Enabled		
6	JXN	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	DH	IFPA	NO	Enabled		
7	SVM	N42° 24' 31.1055", W083° 35' 38.0455"	3.0 W	40	L	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.0	CRL [IFPA]	SVM [IFPA]				
3.0	CRL [IFPA]	SVM [IFPA]	PSI [IFPA]	DXO [IFPA]		
16.2	PSI [IFPA]	CRL [IFPA]	DJB [IFPA]	SVM [IFPA]	DXO [IFPA]	
18.4	CRL [IFPA]	DJB [IFPA]	JXN [IFPA]	SVM [IFPA]		
27.9	CRL [IFPA]	DJB [IFPA]	PSI [IFPA]	JXN [IFPA]		
27.9	CRL [IFPA]	DJB [IFPA]	PSI [IFPA]	JXN [IFPA]	CXR [IFPA]	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 13' 43.7266", W083° 20' 08.7297"	N42° 14' 36.0296", W083° 19' 30.1563"	0.9937

DME DME Assessment Results for LIDDS4 path KDTW:RW03L:DER_KZLOV

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW03L:DER	BESST	PSI [IFPA], DXO [IFPA], CRL [IFPA], SVM [IFPA]	
BESST	SWNDL	PSI [IFPA], DXO [IFPA], CRL [IFPA], SVM [IFPA]	
SWNDL	KZLOV	PSI [IFPA], DXO [IFPA], CXR [IFPA], CRL [IFPA], DJB [IFPA], JXN [IFPA], SVM [IFPA]	

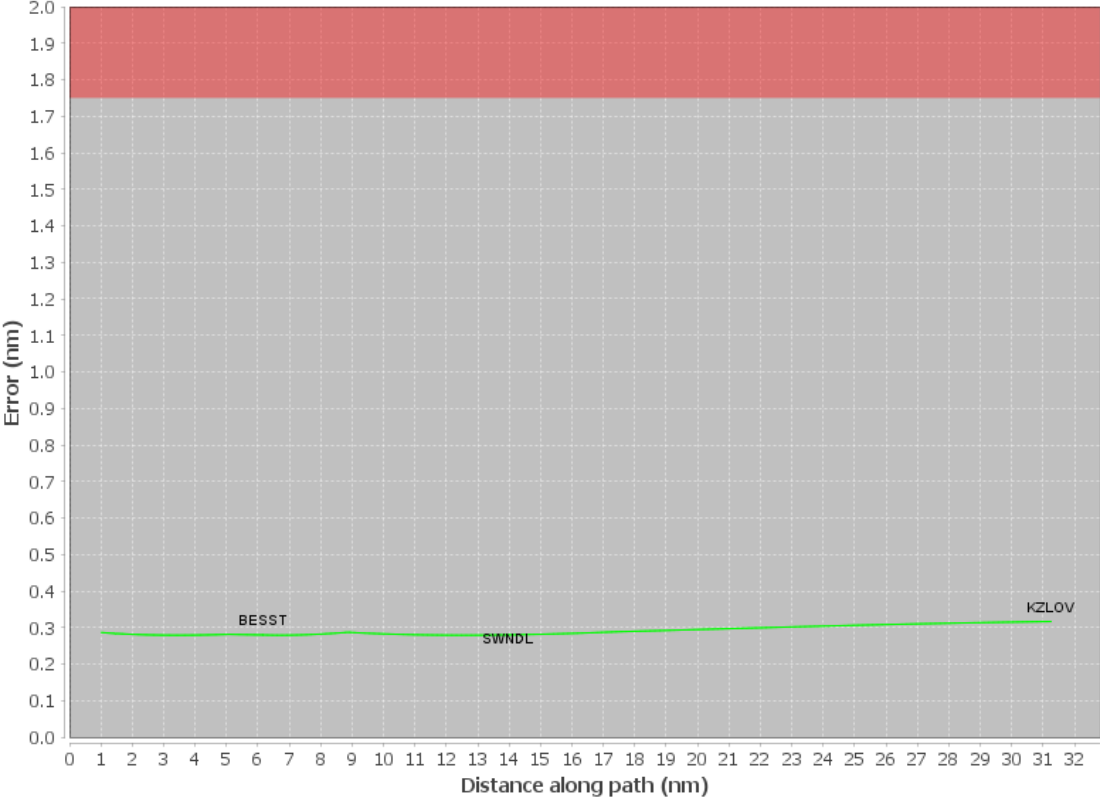
User Data Files

#	File Name
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User DMEs

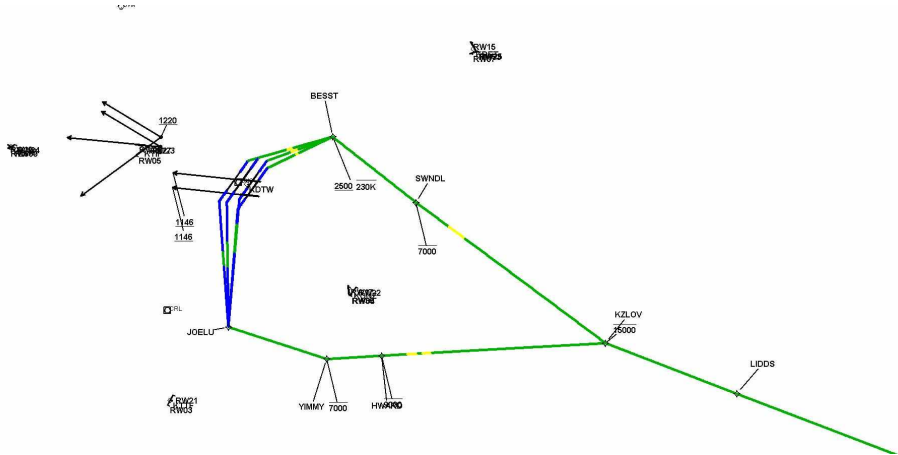
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
	ESV:	Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
	ESV:	Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
	ESV:	Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°				Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft		

DME Error



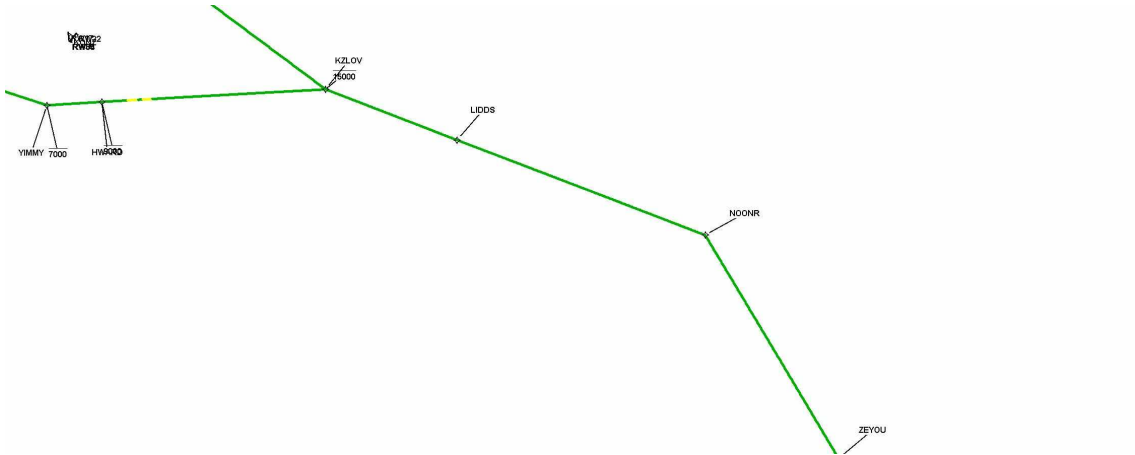
DME DME Assessment Results for LIDDS4 path KDTW:RW03L:DER_KZLOV

Graphic Depiction 1



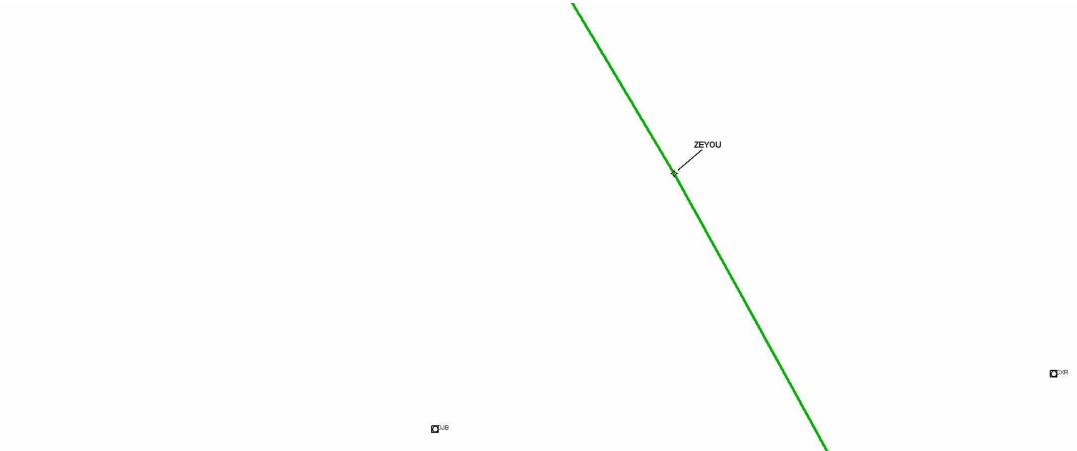
DME DME Assessment Results for LIDDS4 path KDTW:RW03L:DER_KZLOV

Graphic Depiction 2



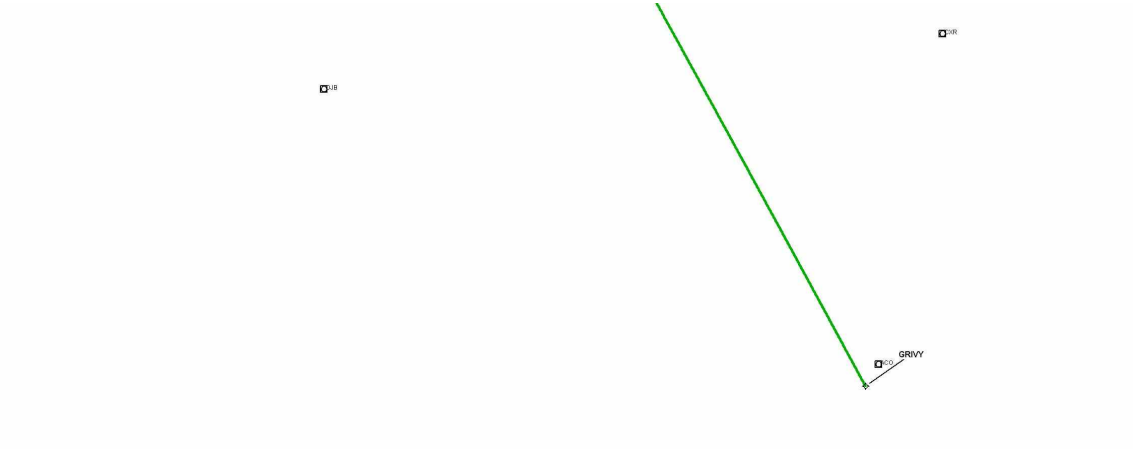
DME DME Assessment Results for LIDDS4 path KDTW:RW03L:DER_KZLOV

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW03L:DER_KZLOV

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW03R:DER_BESST

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
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Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW03R:DER	WP	N42° 13' 10.8552", W083° 20' 02.6517"	631.8	VNAV	130	FLY_BY	TF
BESST	WP	N42° 16' 56.6900", W083° 13' 21.0400"	2500	VNAV	230	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW03R:DER_BESST

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PSI	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	L	IFPA	NO	Enabled		
2	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
3	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		
4	SVM	N42° 24' 31.1055", W083° 35' 38.0455"	3.0 W	40	L	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.0	CRL [IFPA]	SVM [IFPA]				
3.4	CRL [IFPA]	SVM [IFPA]	PSI [IFPA]	DXO [IFPA]		

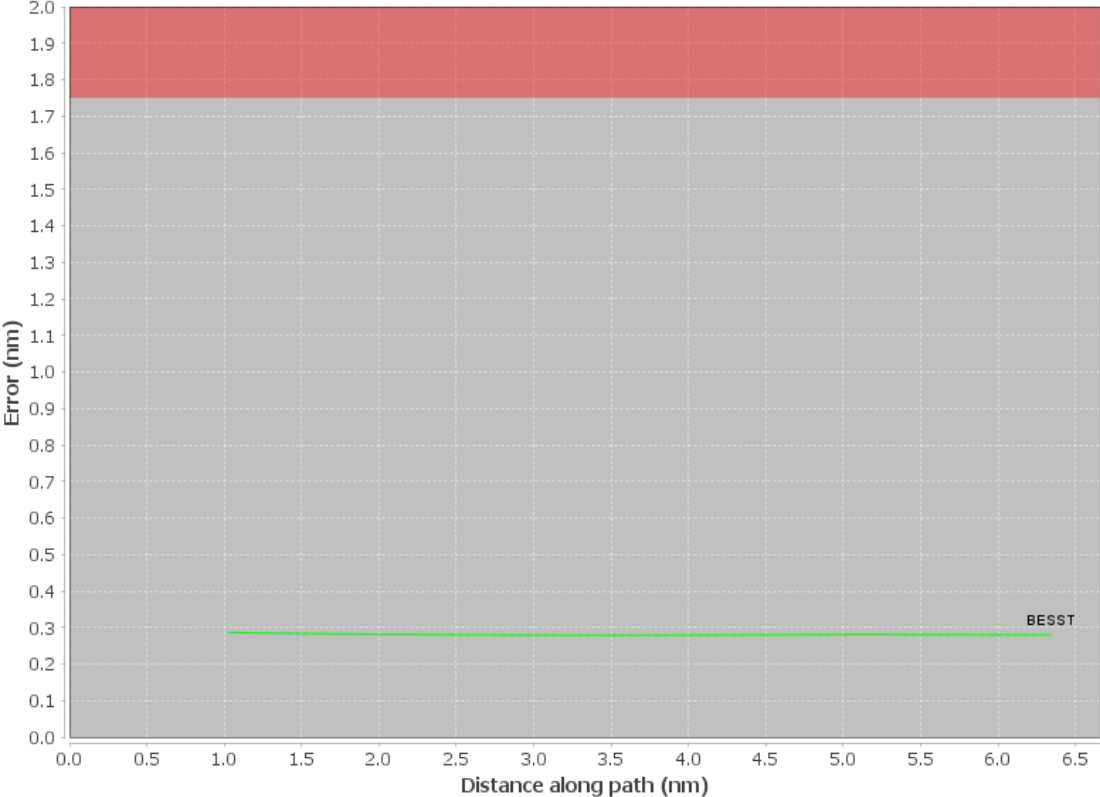
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 13' 12.7219", W083° 20' 01.2758"	N42° 14' 04.9862", W083° 19' 22.7426"	0.9929

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW03R:DER	BESST	PSI [IFPA], DXO [IFPA], CRL [IFPA], SVM [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW03R:DER_BESST

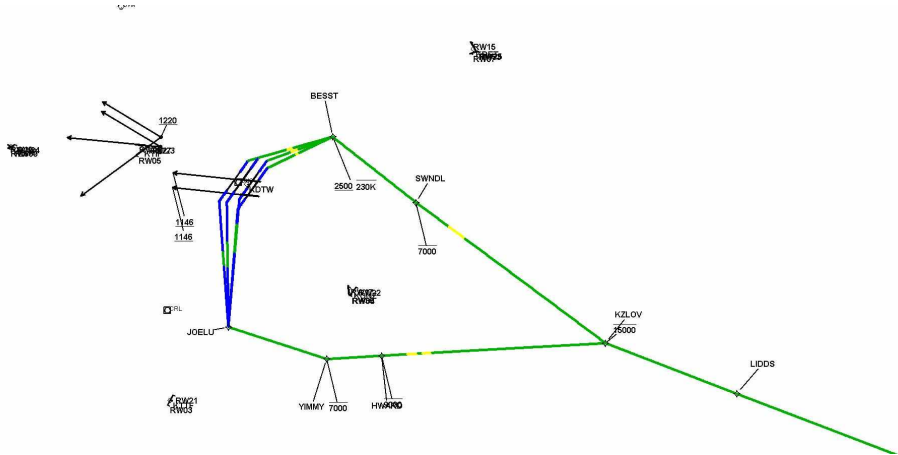
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
ESV:		Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
ESV:		Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
ESV:		Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°				Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft		

DME Error



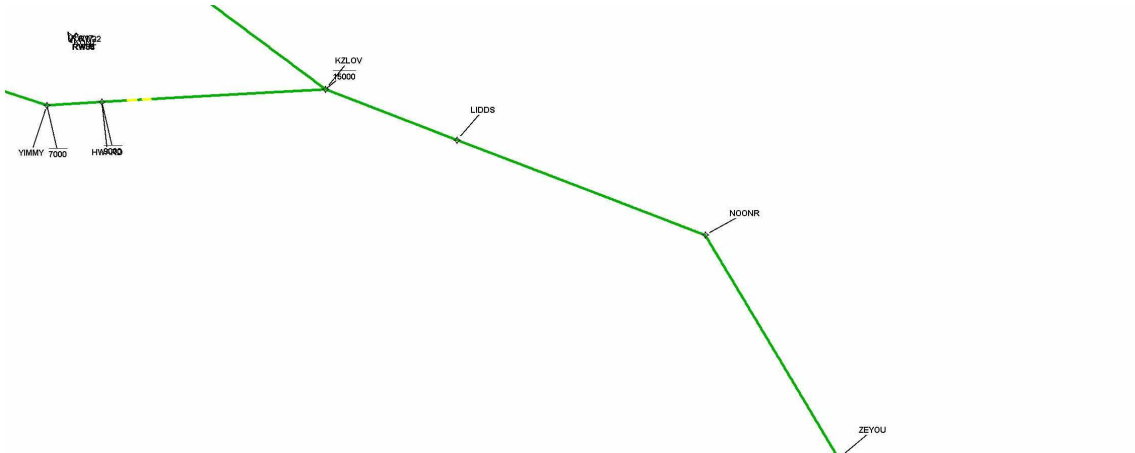
DME DME Assessment Results for LIDDS4 path KDTW:RW03R:DER_BESST

Graphic Depiction 1



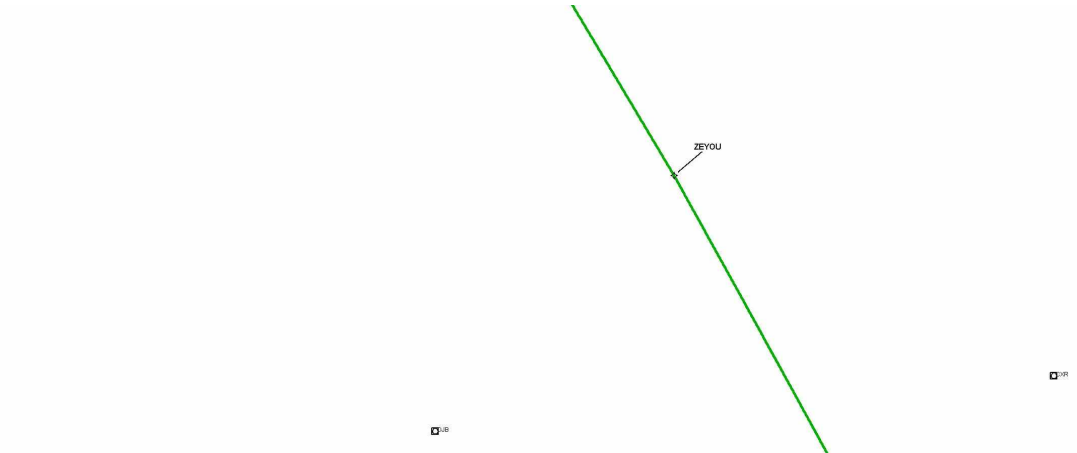
DME DME Assessment Results for LIDDS4 path KDTW:RW03R:DER_BESST

Graphic Depiction 2



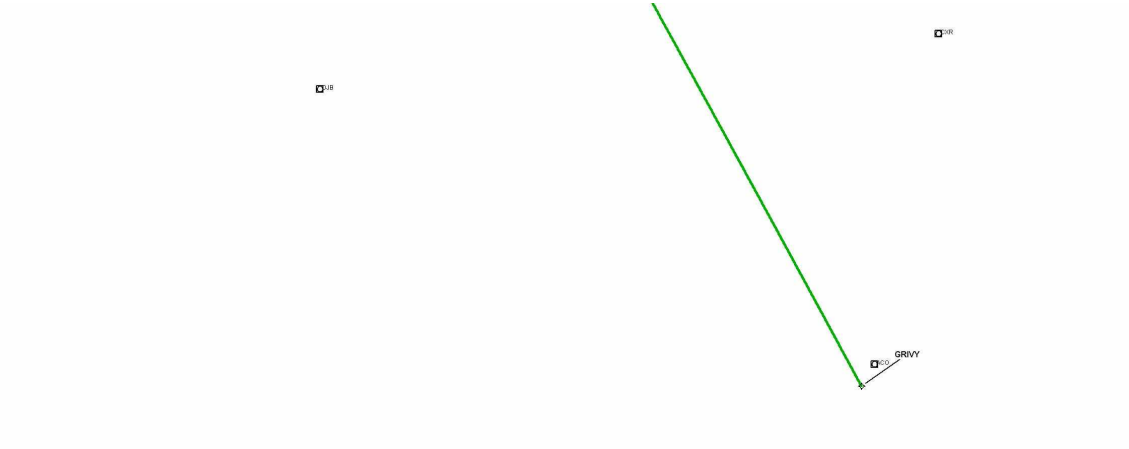
DME DME Assessment Results for LIDDS4 path KDTW:RW03R:DER_BESST

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW03R:DER_BESST

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

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\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW SID LIDDS FOUR DME SCREENS 20240828.tgs
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Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW04L:DER	WP	N42° 13' 34.4821", W083° 21' 58.6115"	642.1	VNAV	130	FLY_BY	TF
BESST	WP	N42° 16' 56.6900", W083° 13' 21.0400"	2500	VNAV	230	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW04L:DER_BESST

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PSI	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	L	IFPA	NO	Enabled		
2	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
3	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		
4	SVM	N42° 24' 31.1055", W083° 35' 38.0455"	3.0 W	40	L	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.0	CRL [IFPA]	SVM [IFPA]				
4.0	CRL [IFPA]	SVM [IFPA]	DXO [IFPA]	PSI [IFPA]		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 13' 36.3771", W083° 21' 57.2160"	N42° 14' 25.6460", W083° 21' 20.9240"	0.9358

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW04L:DER	BESST	PSI [IFPA], DXO [IFPA], CRL [IFPA], SVM [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

User Data Files

#	File Name
None	

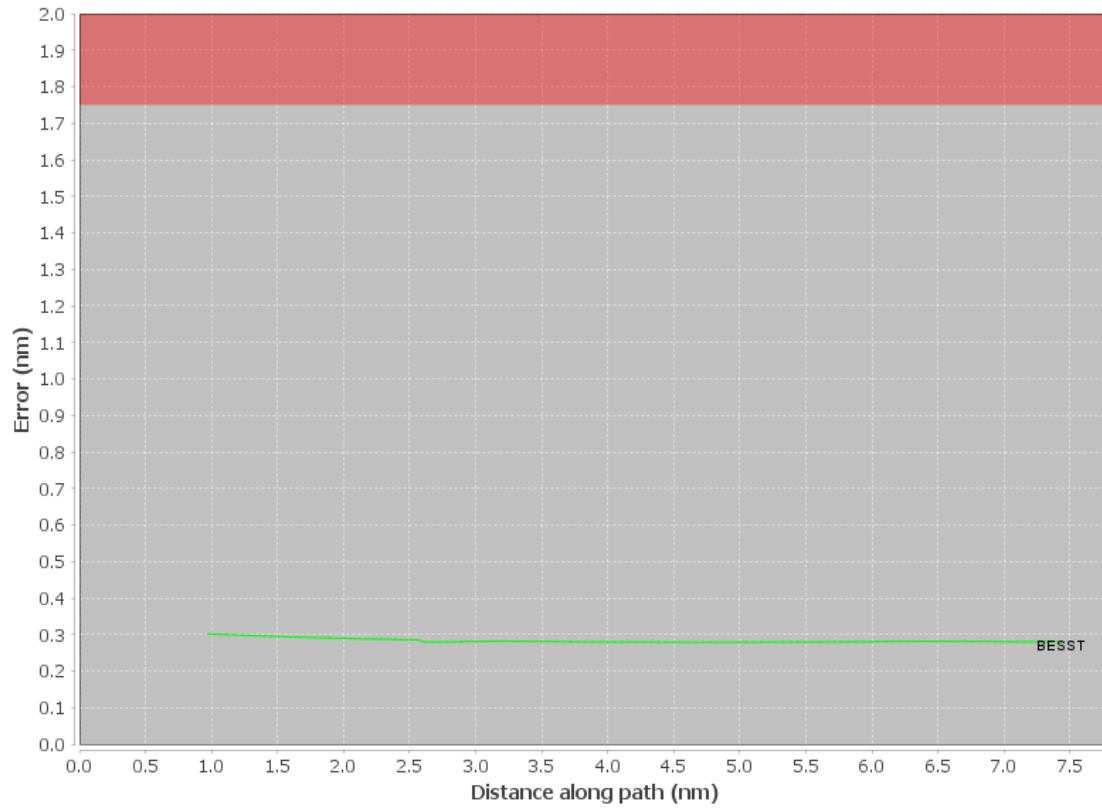
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
ESV:		Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
ESV:		Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
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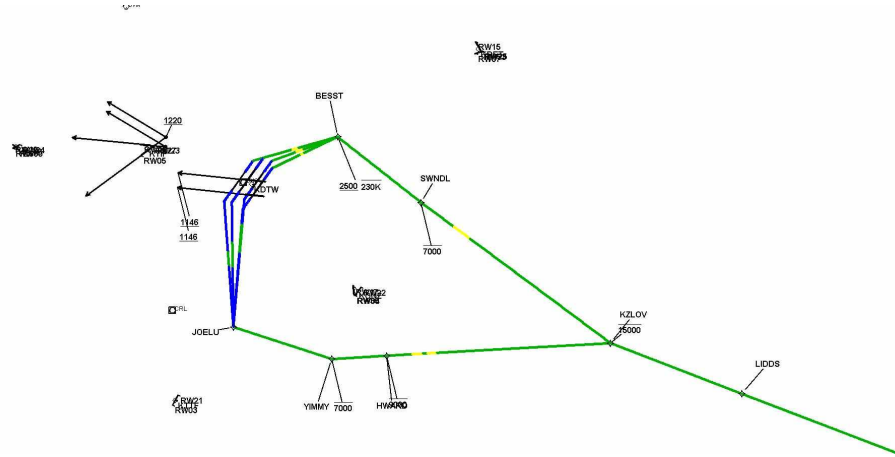
DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

DME Error



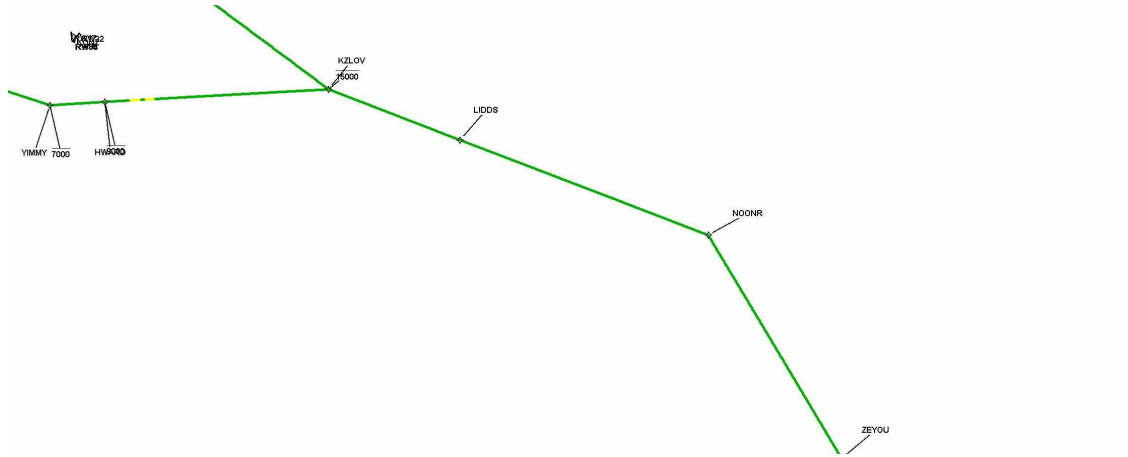
DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

Graphic Depiction 1



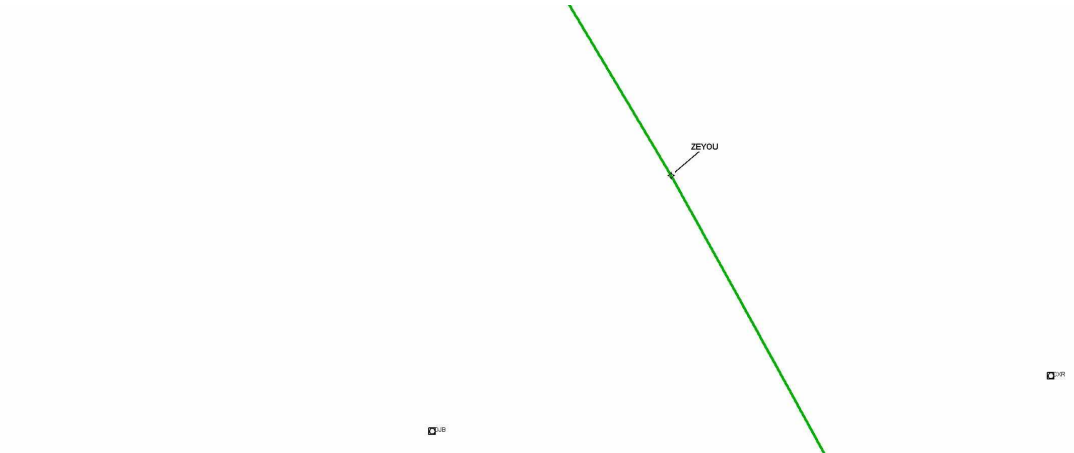
DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

Graphic Depiction 2



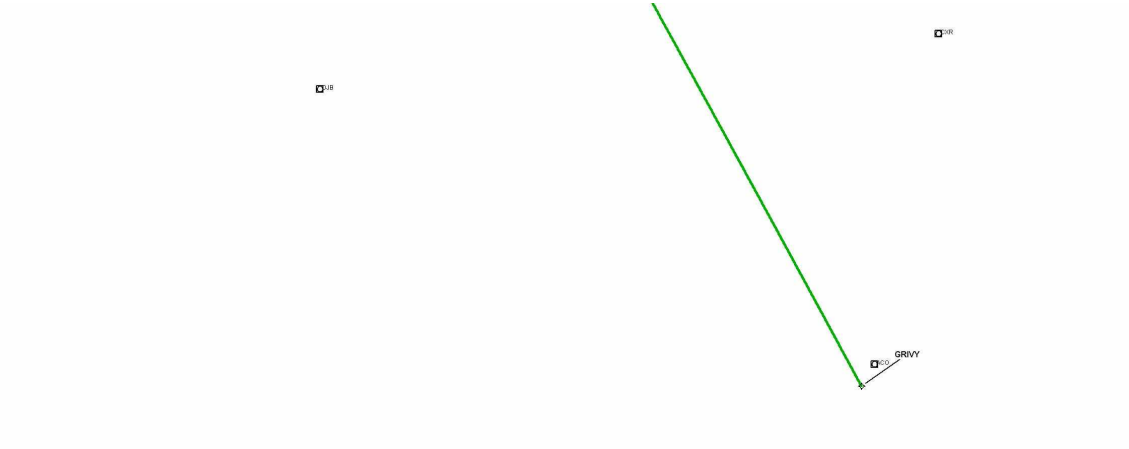
DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW04L:DER_BESST

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW04R:DER_BESST

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
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Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW04R:DER	WP	N42° 13' 52.3644", W083° 20' 59.9655"	635.8	VNAV	130	FLY_BY	TF
BESST	WP	N42° 16' 56.6900", W083° 13' 21.0400"	2500	VNAV	230	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW04R:DER_BESST

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PSI	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	L	IFPA	NO	Enabled		
2	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
3	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		
4	SVM	N42° 24' 31.1055", W083° 35' 38.0455"	3.0 W	40	L	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.0	CRL [IFPA]	SVM [IFPA]				
3.2	CRL [IFPA]	SVM [IFPA]	DXO [IFPA]	PSI [IFPA]		

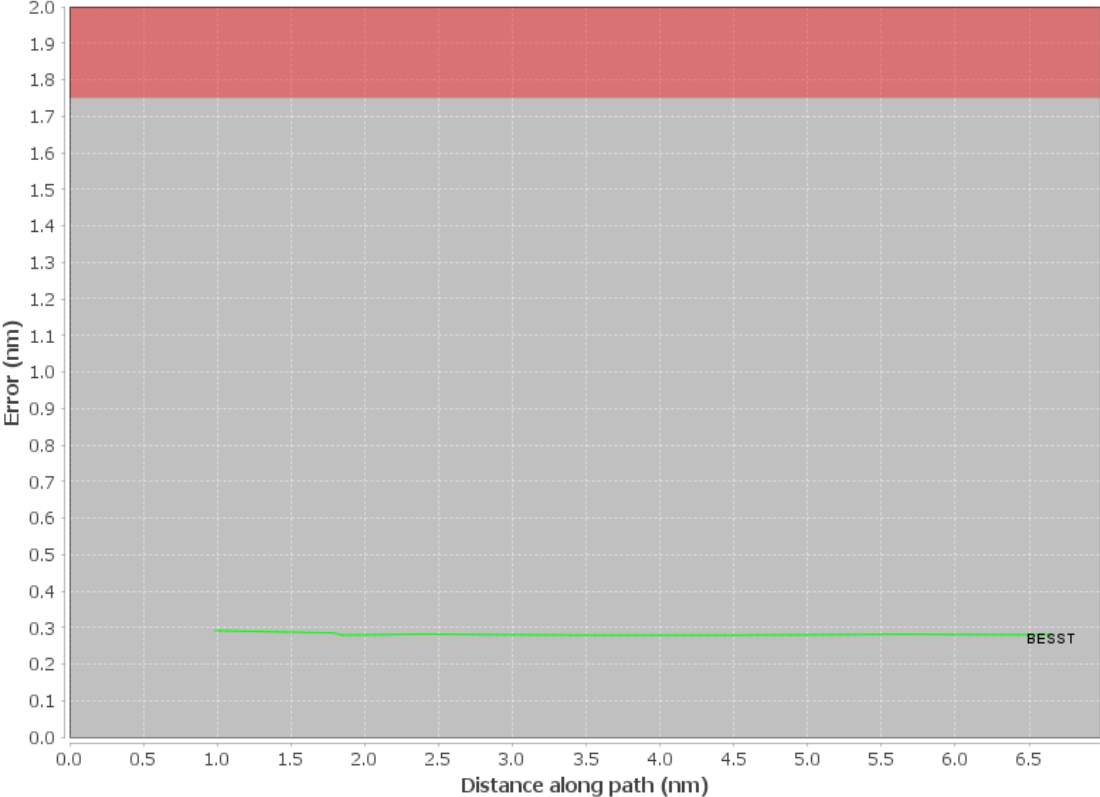
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 13' 54.2167", W083° 20' 58.6004"	N42° 14' 44.2257", W083° 20' 21.7343"	0.95

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW04R:DER	BESST	PSI [IFPA], DXO [IFPA], CRL [IFPA], SVM [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW04R:DER_BESST

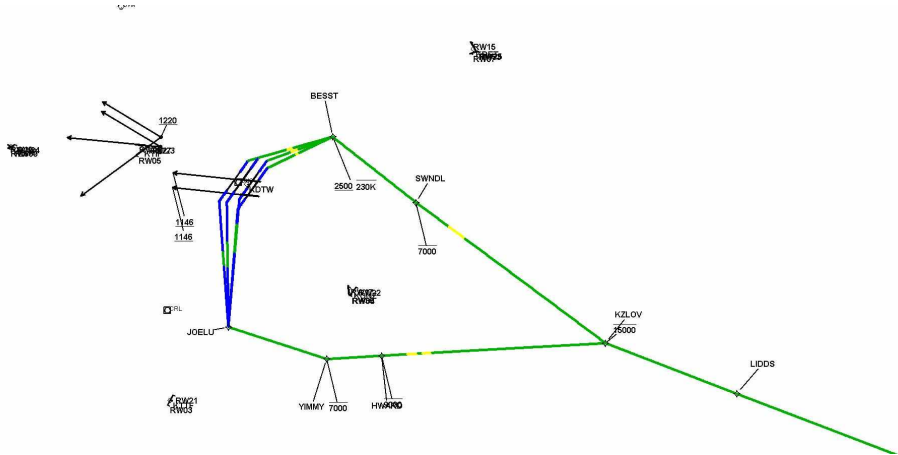
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
ESV:		Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
ESV:		Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
ESV:		Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°				Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft		

DME Error



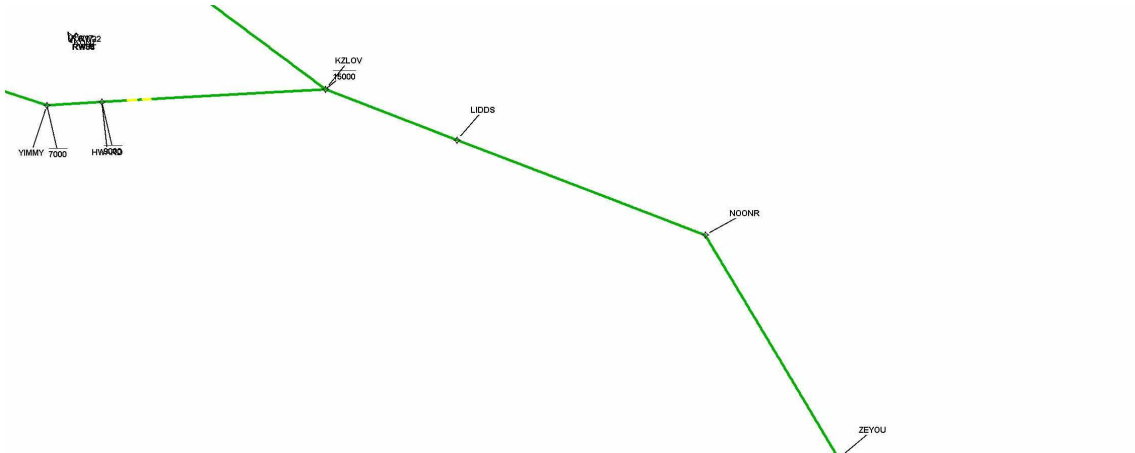
DME DME Assessment Results for LIDDS4 path KDTW:RW04R:DER_BESST

Graphic Depiction 1



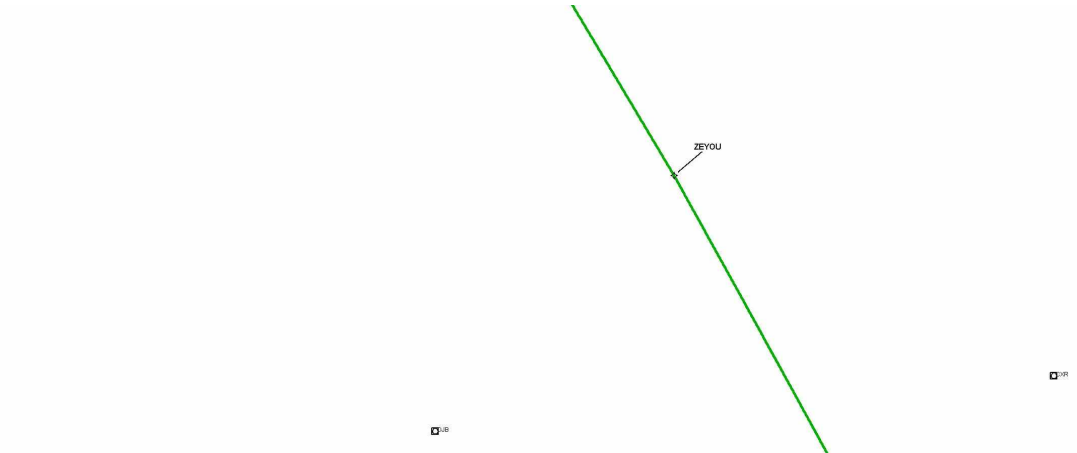
DME DME Assessment Results for LIDDS4 path KDTW:RW04R:DER_BESST

Graphic Depiction 2



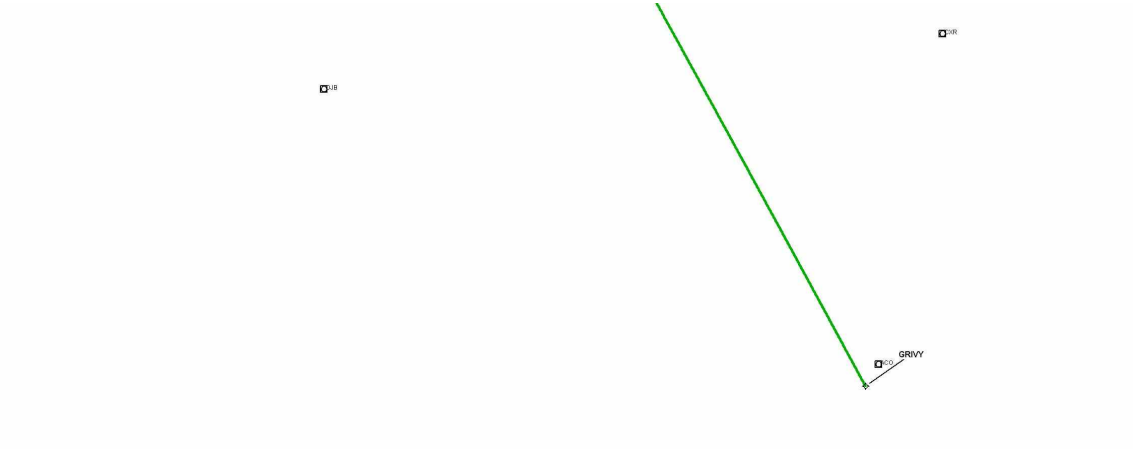
DME DME Assessment Results for LIDDS4 path KDTW:RW04R:DER_BESST

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW04R:DER_BESST

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

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\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW SID LIDDS FOUR DME SCREENS 20240828.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW [IFPA] LIDDS4 20240828_1006 CDT\KDTW-RW21L-DER_GRIVY\KDTW LIDDS4 SID RW21L GRIVY 20240828_1006 CDT.pdf
Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW21L:DER	WP	N42° 11' 44.2115", W083° 21' 06.4868"	632.8	VNAV	130	FLY_BY	TF
JOELU	WP	N42° 02' 13.3300", W083° 21' 16.6000"	2869.7	VNAV	200	FLY_BY	TF
YIMMY	WP	N42° 00' 46.5700", W083° 11' 14.4700"	4393.3	VNAV	200	FLY_BY	TF
HWARD	WP	N42° 01' 30.7900", W083° 05' 53.7900"	5203.5	VNAV	200	FLY_BY	TF
KZLOV	WP	N42° 04' 24.8100", W082° 44' 07.4400"	7517	VNAV	230	FLY_BY	TF
LIDDS	WP	N42° 01' 54.2100", W082° 30' 38.7400"	10000	VNAV	230	FLY_BY	TF
NOONR	WP	N41° 57' 12.9600", W082° 05' 11.0400"	10000	VNAV	230	FLY_BY	TF
ZEYOU	WP	N41° 42' 12.2000", W081° 49' 25.7100"	10000	VNAV	230	FLY_BY	TF
GRIVY	WP	N41° 04' 46.2800", W081° 13' 06.6000"	10000	VNAV	230	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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
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:	Enabled
Disabled DMEs:	None

DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PSI	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	L	IFPA	NO	Enabled		
2	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
3	CXR	N41° 31' 00.9405", W081° 09' 47.4692"	5.0 W	130	DH	IFPA	NO	Enabled		
4	ZZV	N39° 56' 27.0911", W081° 53' 33.3687"	6.0 W	130	DH	IFPA	NO	Enabled		
5	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		
6	DJB	N41° 21' 29.0339", W082° 09' 43.0873"	5.0 W	130	DH	IFPA	NO	Enabled		
7	BSV	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	L	IFPA	NO	Enabled		
8	JXN	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	DH	IFPA	NO	Enabled		
9	ACO	N41° 06' 28.4512", W081° 12' 05.4681"	4.0 W	40	L	IFPA	NO	Enabled		
10	SVM	N42° 24' 31.1055", W083° 35' 38.0455"	3.0 W	40	L	IFPA	NO	Enabled		
11	YNG	N41° 19' 51.6914", W080° 40' 28.7941"	5.0 W	40	L	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.1	CRL [IFPA]	DXO [IFPA]				
4.3						
9.7	CRL [IFPA]	DXO [IFPA]				
14.8	CRL [IFPA]	DXO [IFPA]	JXN [IFPA]	SVM [IFPA]		
23.2	CRL [IFPA]	DJB [IFPA]	SVM [IFPA]	DXO [IFPA]	JXN [IFPA]	
24.0	CRL [IFPA]	SVM [IFPA]				
24.3	CRL [IFPA]	DJB [IFPA]	SVM [IFPA]	JXN [IFPA]	DXO [IFPA]	
25.0	CRL [IFPA]	DJB [IFPA]	SVM [IFPA]			
25.5	CRL [IFPA]	DJB [IFPA]	SVM [IFPA]	JXN [IFPA]		
29.6	CRL [IFPA]	DJB [IFPA]	JXN [IFPA]			
34.2	CRL [IFPA]	DJB [IFPA]	PSI [IFPA]	JXN [IFPA]		
34.4	CRL [IFPA]	DJB [IFPA]	PSI [IFPA]	JXN [IFPA]	CXR [IFPA]	
51.1	CRL [IFPA]	DJB [IFPA]	JXN [IFPA]	CXR [IFPA]		
67.1	CRL [IFPA]	DJB [IFPA]	CXR [IFPA]			
86.8	CXR [IFPA]	DJB [IFPA]	CRL [IFPA]	BSV [IFPA]		
87.9	CXR [IFPA]	DJB [IFPA]	CRL [IFPA]	ZZV [IFPA]		
92.6	ACO [IFPA]	DJB [IFPA]	ZZV [IFPA]	CXR [IFPA]	CRL [IFPA]	
123.6	BSV [IFPA]	DJB [IFPA]	CXR [IFPA]	ACO [IFPA]	ZZV [IFPA]	YNG [IFPA]
127.7	BSV [IFPA]	DJB [IFPA]	CXR [IFPA]	ZZV [IFPA]	YNG [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 11' 42.3483", W083° 21' 07.8589"	N42° 09' 47.2247", W083° 21' 42.6482"	2.0403
2	N42° 07' 34.7019", W083° 21' 35.0322"	N42° 02' 13.3300", W083° 21' 16.6000"	5.3617

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW21L:DER	JOELU	DXO [IFPA], CRL [IFPA]	
JOELU	YIMMY	DXO [IFPA], CRL [IFPA], JXN [IFPA], SVM [IFPA]	
YIMMY	HWARD	DXO [IFPA], CRL [IFPA], JXN [IFPA], SVM [IFPA]	
HWARD	KZLOV	PSI [IFPA], DXO [IFPA], CXR [IFPA], CRL [IFPA], DJB [IFPA], JXN [IFPA], SVM [IFPA]	
KZLOV	LIDDS	PSI [IFPA], CXR [IFPA], DXO [IFPA], CRL [IFPA], DJB [IFPA], JXN [IFPA]	
LIDDS	NOONR	PSI [IFPA], CXR [IFPA], DXO [IFPA], CRL [IFPA], DJB [IFPA], JXN [IFPA]	
NOONR	ZEYOU	CXR [IFPA], CRL [IFPA], DJB [IFPA], BSV [IFPA]	
ZEYOU	GRIVY	CXR [IFPA], ZZV [IFPA], CRL [IFPA], DJB [IFPA], BSV [IFPA], ACO [IFPA], YNG [IFPA]	

User Data Files

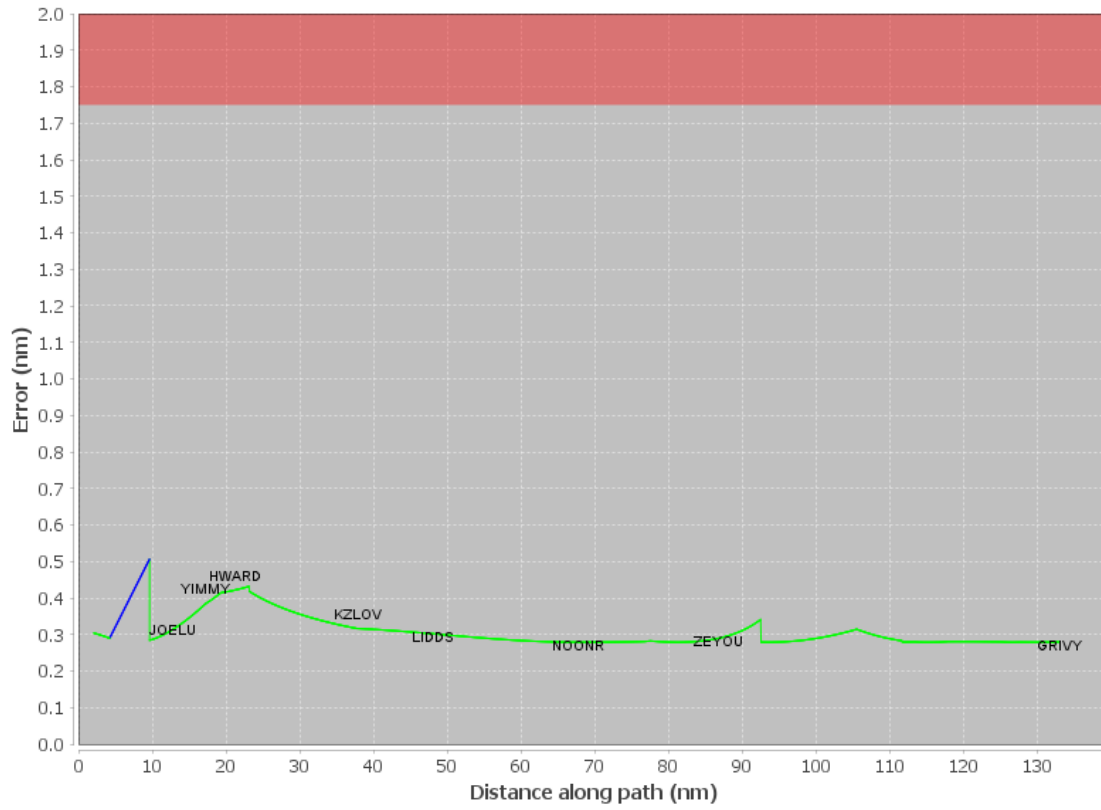
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
	ESV:	Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°			Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft			
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
	ESV:	Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°			Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft			
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
	ESV:	Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°			Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft			

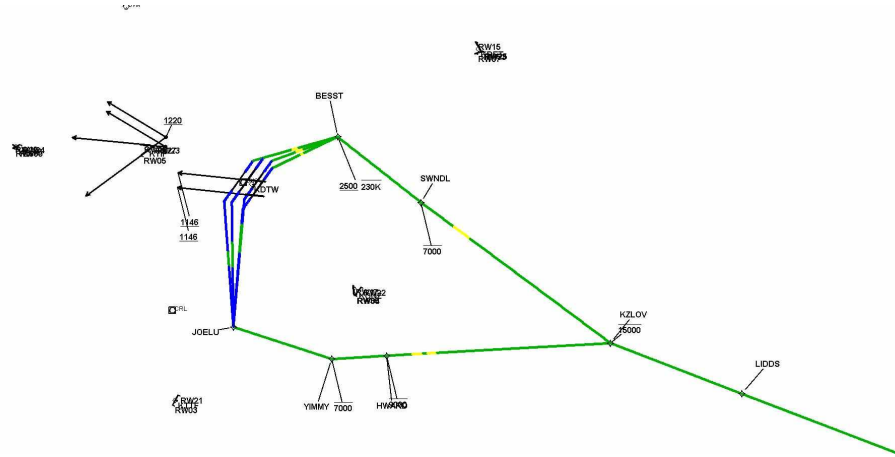
DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

DME Error



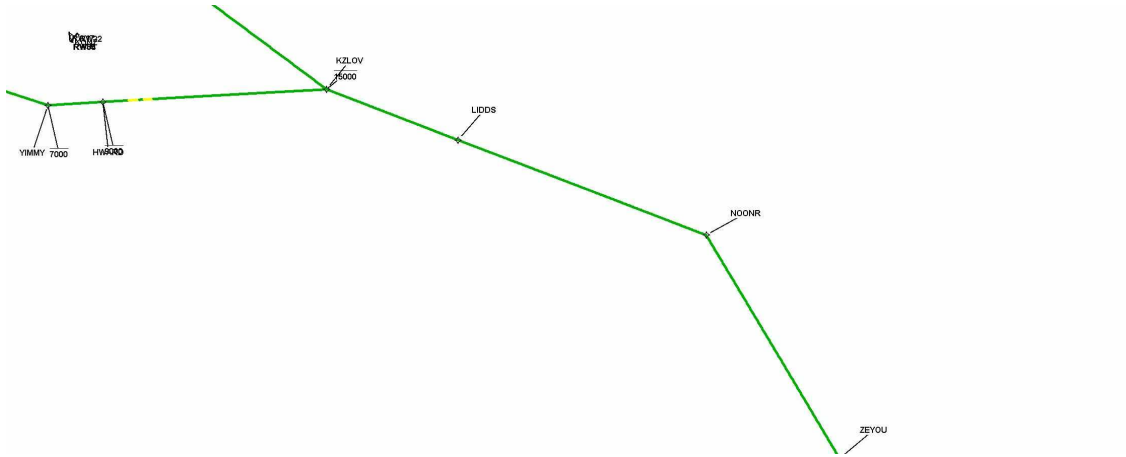
DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

Graphic Depiction 1



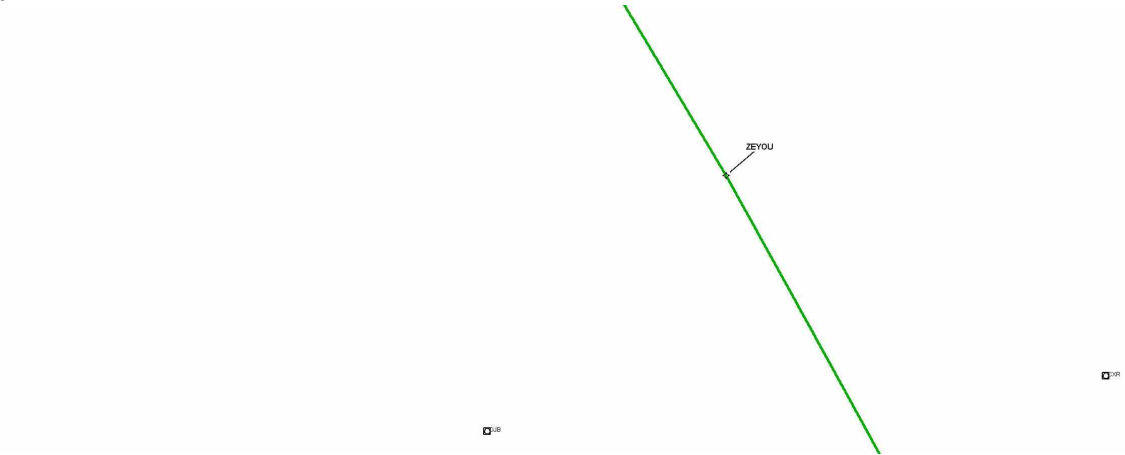
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Graphic Depiction 2



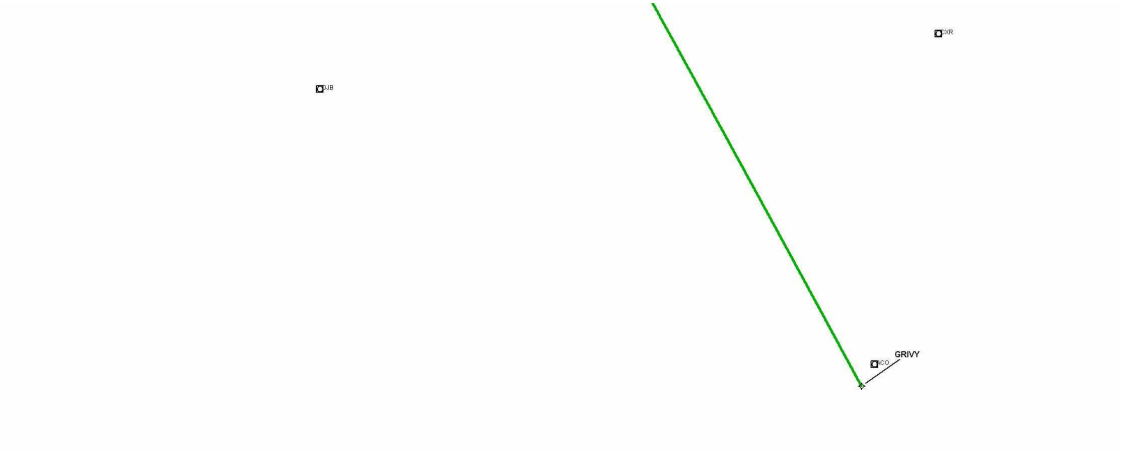
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Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW21L:DER_GRIVY

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW21R:DER_JOELU

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\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW SID LIDDS FOUR DME SCREENS 20240828.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW [IFPA] LIDDS4 20240828_1006 CDT\KDTW-RW21R- DER_JOELU\KDTW LIDDS4 SID RW21R JOELU 20240828_1006 CDT.pdf
Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW21R:DER	WP	N42° 12' 28.2081", W083° 21' 04.3881"	636.5	VNAV	130	FLY_BY	TF
JOELU	WP	N42° 02' 13.3300", W083° 21' 16.6000"	2869.7	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW21R:DER_JOELU

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
2	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.8	CRL [IFPA]	DXO [IFPA]				
5.0						

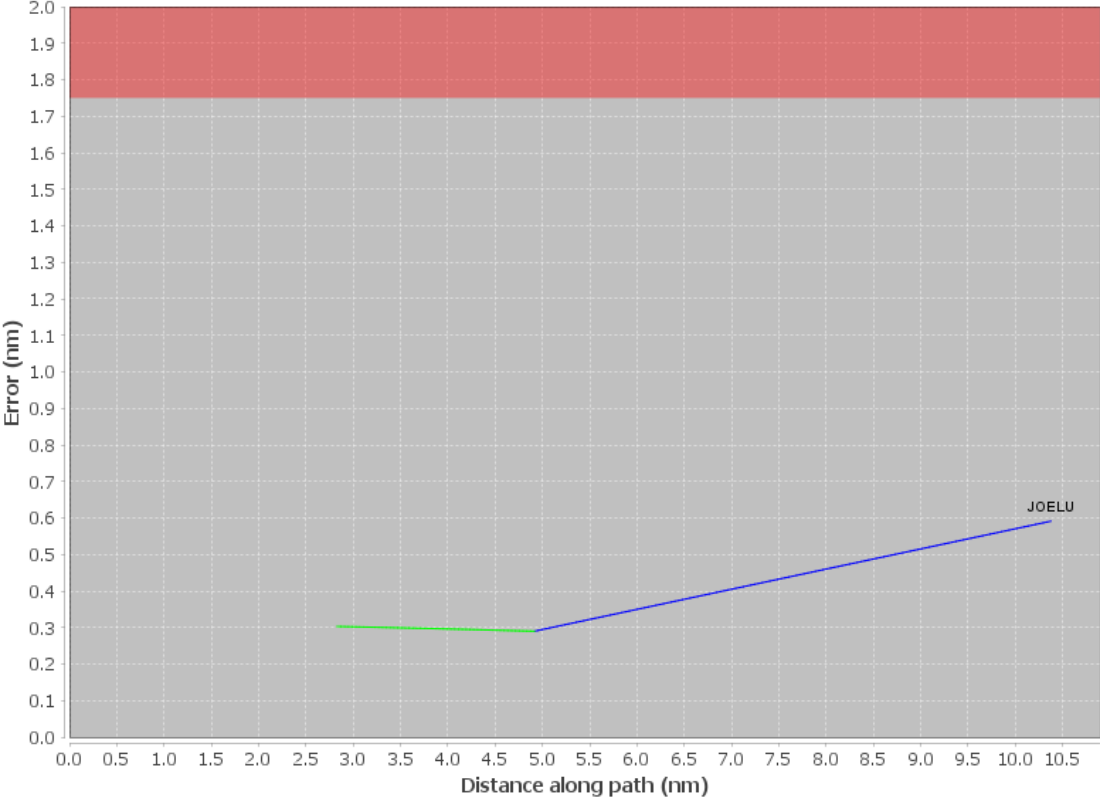
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 12' 26.3583", W083° 21' 05.7509"	N42° 09' 46.0585", W083° 21' 38.7004"	2.7927
2	N42° 07' 38.4287", W083° 21' 32.4611"	N42° 02' 13.3300", W083° 21' 16.6000"	5.4197

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW21R:DER	JOELU	DXO [IFPA], CRL [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW21R:DER_JOELU

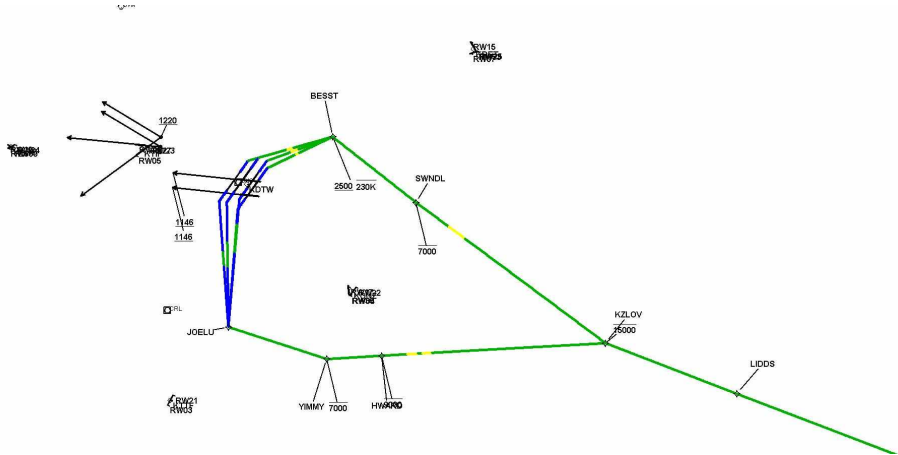
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
ESV:		Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
ESV:		Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
ESV:		Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°				Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft		

DME Error



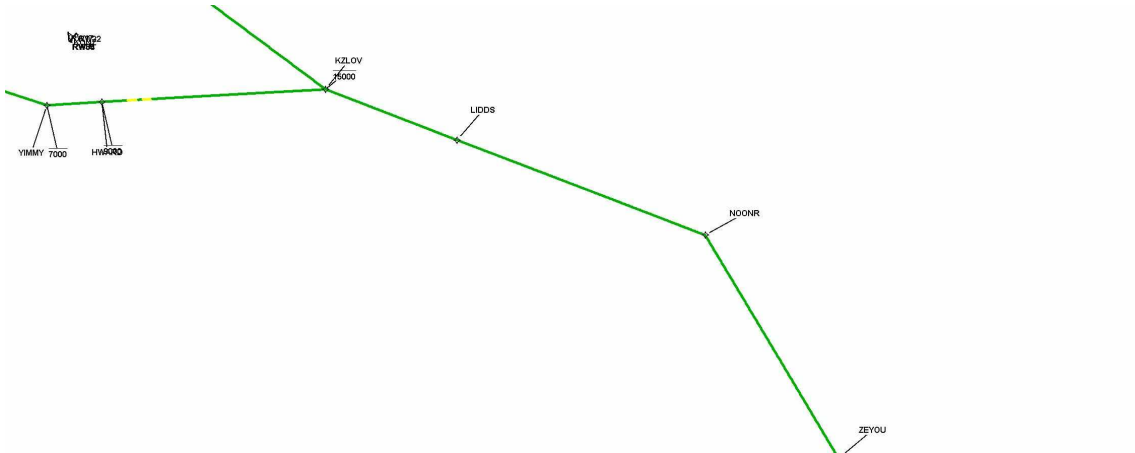
DME DME Assessment Results for LIDDS4 path KDTW:RW21R:DER_JOELU

Graphic Depiction 1



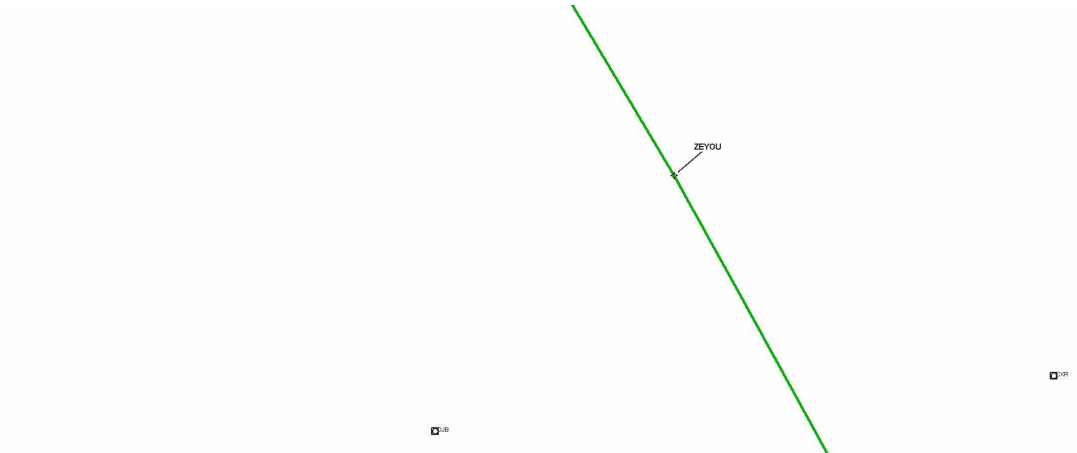
DME DME Assessment Results for LIDDS4 path KDTW:RW21R:DER_JOELU

Graphic Depiction 2



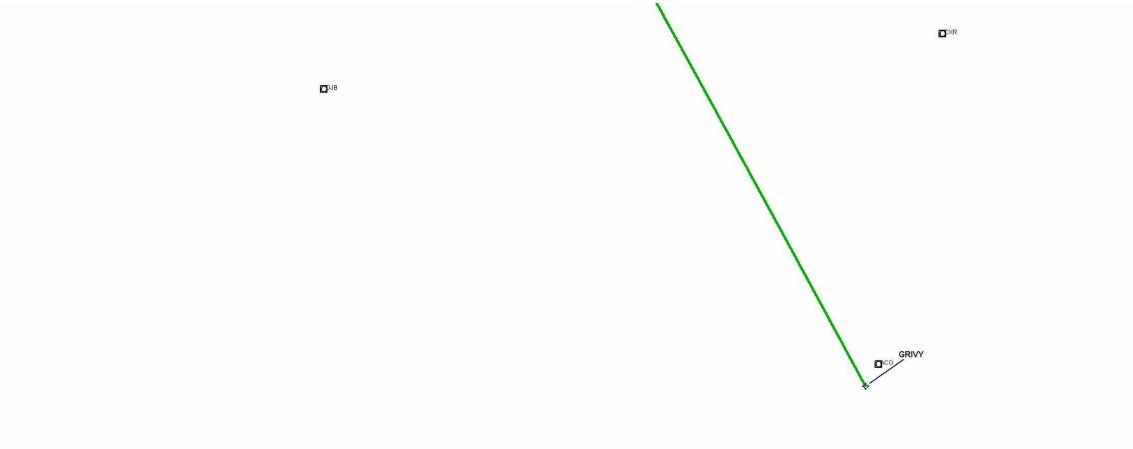
DME DME Assessment Results for LIDDS4 path KDTW:RW21R:DER_JOELU

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW21R:DER_JOELU

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

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\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW SID LIDDS FOUR DME SCREENS 20240828.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW [IFPA] LIDDS4 20240828_1006 CDT\KDTW-RW22L- DER_JOELU\KDTW LIDDS4 SID RW22L JOELU 20240828_1006 CDT.pdf
Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW22L:DER	WP	N42° 12' 08.3656", W083° 22' 16.5697"	637.5	VNAV	130	FLY_BY	TF
JOELU	WP	N42° 02' 13.3300", W083° 21' 16.6000"	2869.7	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW22L:DER_JOELU

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
2	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.9	CRL [IFPA]	DXO [IFPA]				
5.8						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 12' 06.5192", W083° 22' 17.9291"	N42° 08' 23.0379", W083° 22' 24.4345"	3.8702
2	N42° 06' 30.9348", W083° 22' 03.8422"	N42° 02' 13.3300", W083° 21' 16.6000"	4.3315

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW22L:DER	JOELU	DXO [IFPA], CRL [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

User Data Files

#	File Name
None	

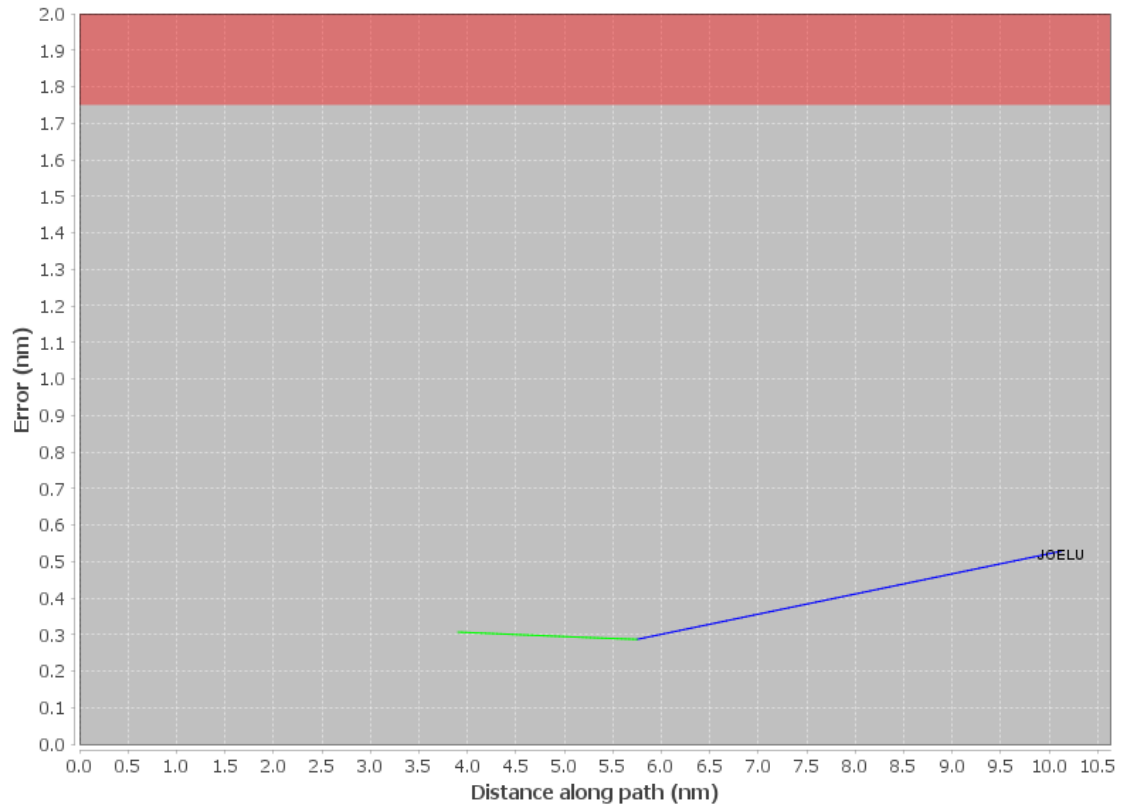
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
ESV:		Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
ESV:		Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
ESV:		Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°				Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft		

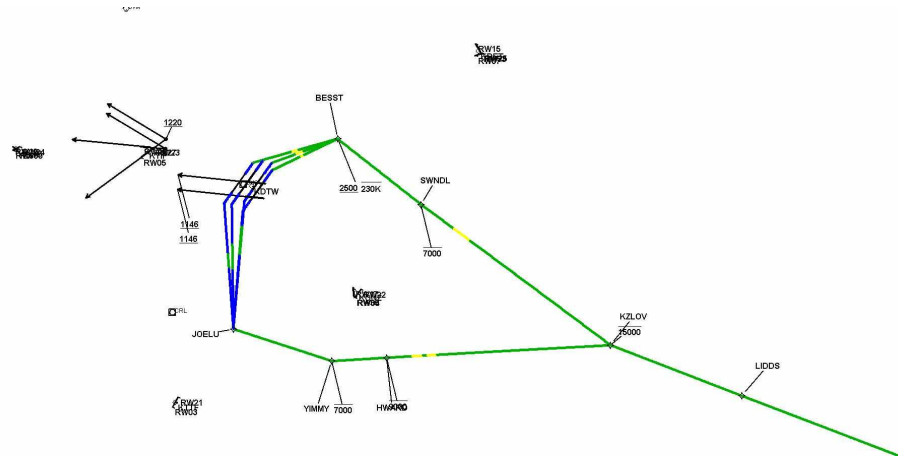
DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

DME Error



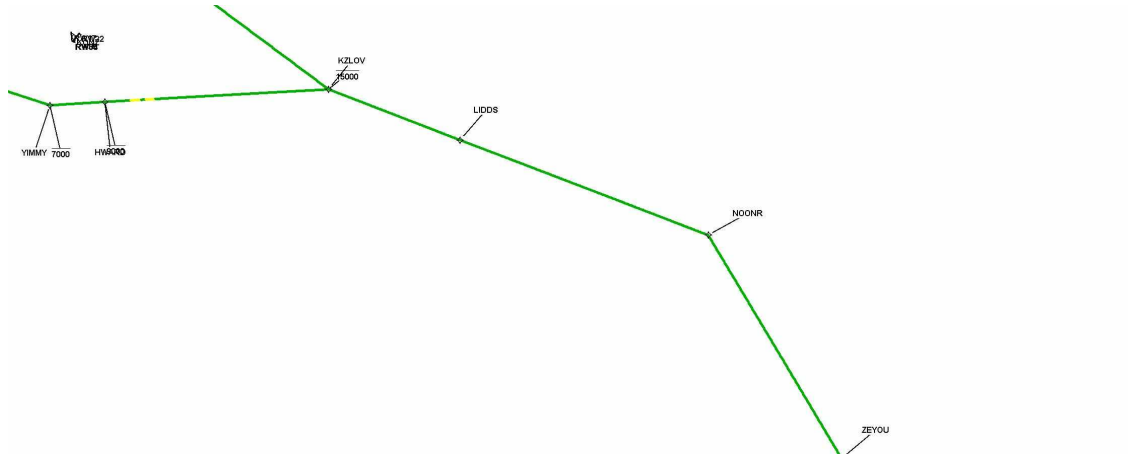
DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

Graphic Depiction 1



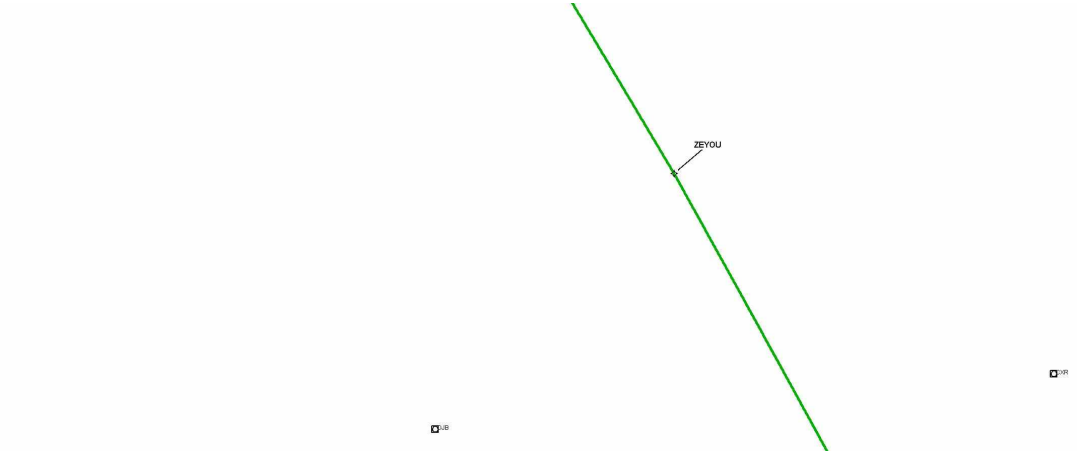
DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

Graphic Depiction 2



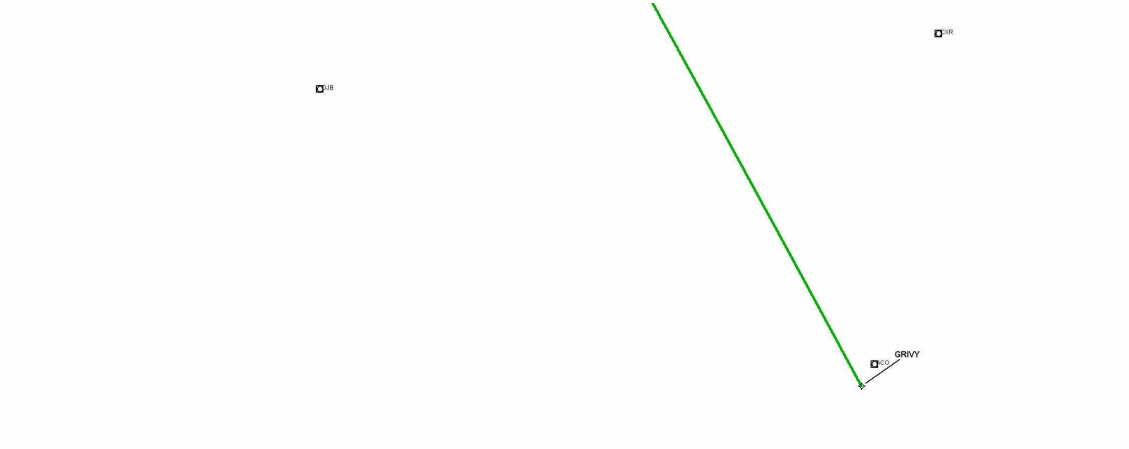
DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW22L:DER_JOELU

Graphic Depiction 4



DME DME Assessment Results for LIDDS4 path KDTW:RW22R:DER_JOELU

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\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW SID LIDDS FOUR DME SCREENS 20240828.tgs
Output File:	C:\Users\Jose G-CTR Medina\OneDrive - Federal Aviation Administration\Documents\01. Projects\DME EVALUATIONS\KDTW 20230125\DME Screens\Submitted\7. KDTW LIDDS3 SID\DME SCREENS\KDTW [IFPA] LIDDS4 20240828_1006 CDT\KDTW-RW22R- DER_JOELU\KDTW LIDDS4 SID RW22R JOELU 20240828_1006 CDT.pdf
Procedure Name:	LIDDS4
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 10:06 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
KDTW:RW22R:DER	WP	N42° 12' 07.8216", W083° 23' 02.4003"	645.2	VNAV	130	FLY_BY	TF
JOELU	WP	N42° 02' 13.3300", W083° 21' 16.6000"	2869.7	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1146.0 ft MSL 200.0 ft/NM							

Flyability	
Flight Type:	SID
Selected Airport:	KDTW [IFPA]
Climb Gradient:	500.0 ft/NM up to 1146.0 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 LIDDS4 path KDTW:RW22R:DER_JOELU

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DXO	N42° 12' 47.2904", W083° 21' 59.9878"	6.0 W	130	H	IFPA	NO	Enabled		
2	CRL	N42° 02' 52.8956", W083° 27' 27.2625"	3.0 W	130	DH	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
4.7	CRL [IFPA]	DXO [IFPA]				
5.7						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 12' 05.9380", W083° 23' 03.7862"	N42° 07' 39.6911", W083° 22' 43.6236"	4.6241
2	N42° 06' 37.6843", W083° 22' 27.0700"	N42° 02' 13.3300", W083° 21' 16.6000"	4.4901

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KDTW:RW22R:DER	JOELU	DXO [IFPA], CRL [IFPA]	

DME DME Assessment Results for LIDDS4 path KDTW:RW22R:DER_JOELU

User Data Files

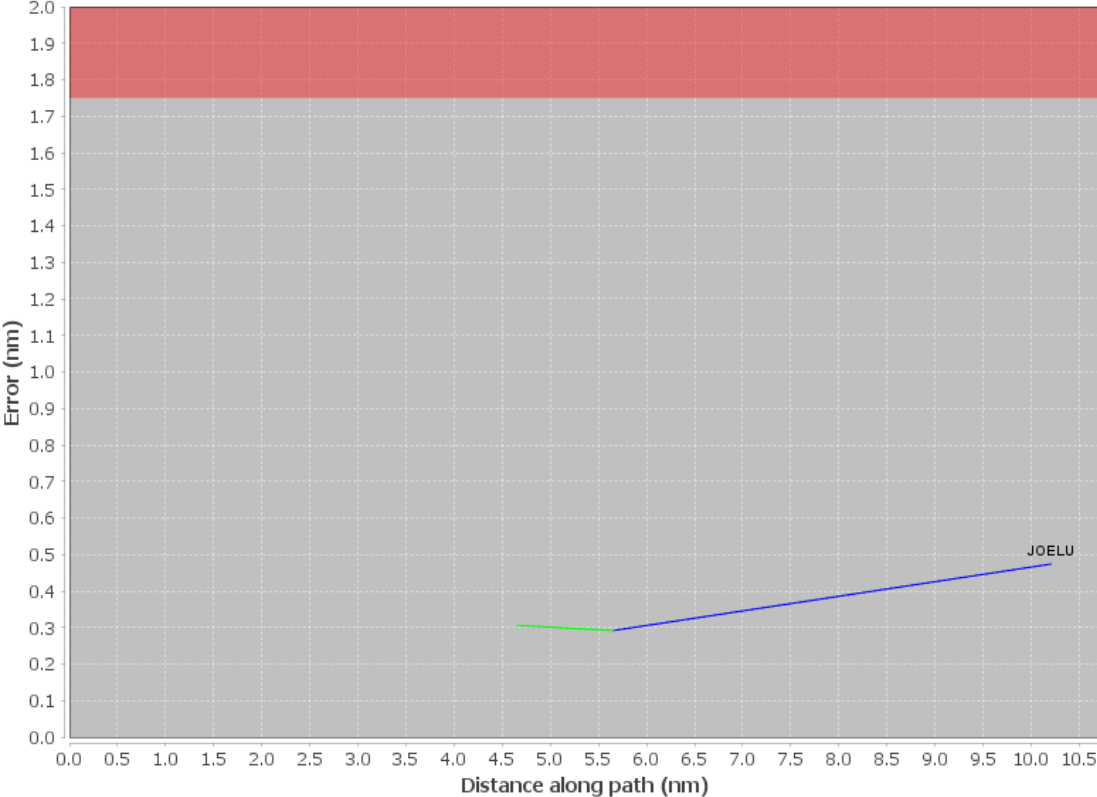
#	File Name
None	

None

User DMEs

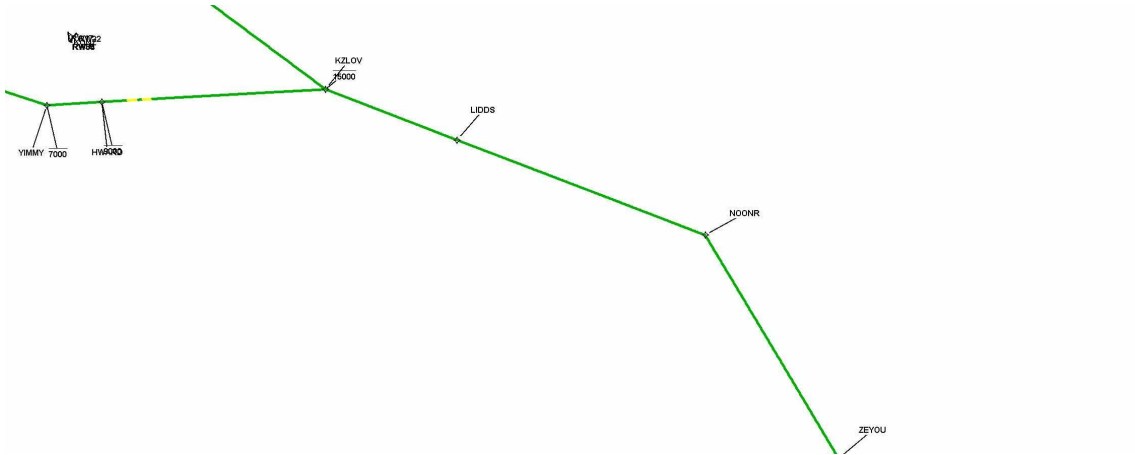
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	JXN FAA 701964-16 JXN [IFPA]	N42° 15' 33.2631", W084° 27' 30.7776"	0.0 E	130	994	115.45	JXN FAA 701964-16	
ESV:		Bearing [True]: 100.0° to 111.0° Bearing [Mag]: 100.0° to 111.0°				Arc Distance: Out to 61.0 NM Altitude: 3900.0 to 9000.0 ft		
2	PSI FAA 694088-6 PSI [IFPA]	N42° 42' 03.0947", W083° 31' 57.9835"	0.0 E	40	1149.3	111.0	PSI FAA 694088-6	
ESV:		Bearing [True]: 77.0° to 142.0° Bearing [Mag]: 77.0° to 142.0°				Arc Distance: Out to 65.0 NM Altitude: 3900.0 to 11000.0 ft		
3	BSV FAA 694101-012 BSV [IFPA]	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	40	1221	112.4	BSV FAA 694101-012	
ESV:		Bearing [True]: 338.0° to 358.0° Bearing [Mag]: 342.0° to 2.0°				Arc Distance: Out to 62.0 NM Altitude: 9900.0 to 19300.0 ft		

DME Error



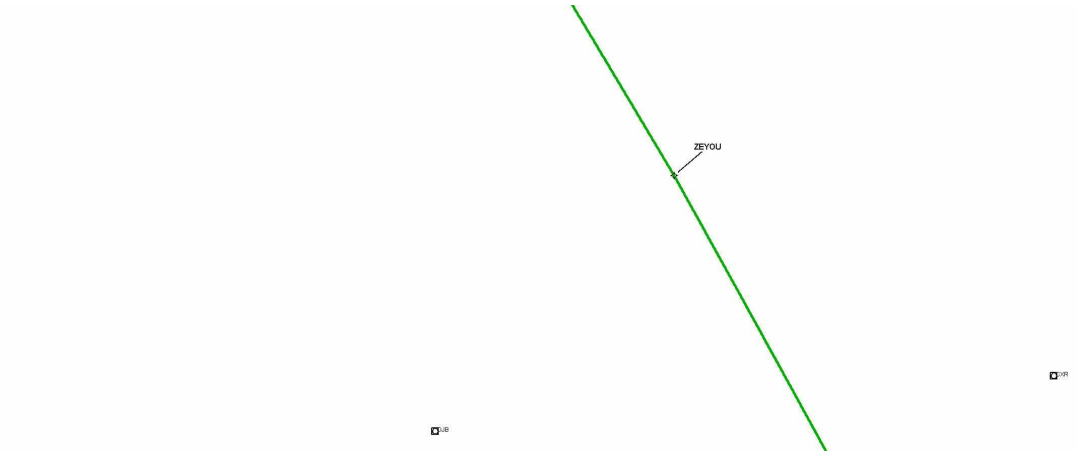
DME DME Assessment Results for LIDDS4 path KDTW:RW22R:DER_JOELU

Graphic Depiction 2



DME DME Assessment Results for LIDDS4 path KDTW:RW22R:DER_JOELU

Graphic Depiction 3



DME DME Assessment Results for LIDDS4 path KDTW:RW22R:DER_JOELU

Graphic Depiction 4

