

DME DME Assessment Results for ALISS7 path TATAR_ALISS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\ALISS SEVEN SID\KSAT ALISS SID DME 20241001.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\SAT\ALISS SEVEN SID\KSAT [IFPA] ALISS7 20241002_1126 EDT\TATAR_ALISS\KSAT ALISS7 SID TATAR ALISS 20241002_1126 EDT.pdf
Procedure Name:	ALISS7
Software: DmeDmePlugin:	7.3.3
Date/Time:	10/02/2024 11:26 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
TATAR	WP	N29° 53' 13.5100", W098° 48' 08.8500"	6000	VNAV	200	FLY_BY	TF
ALISS	WP	N30° 15' 49.6600", W099° 20' 50.0300"	7000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KSAT [IFPA]
Climb Gradient:	None assigned
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

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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	STV	N30° 12' 24.3340", W098° 42' 20.7190"	8.0 E	130	H	IFPA	NO	Enabled		
2	LLO	N30° 47' 46.8312", W098° 47' 14.5992"	8.0 E	40	L	IFPA	NO	Enabled		
3	CWK	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	H	IFPA	NO	Enabled		
4	JCT	N30° 35' 52.8761", W099° 49' 02.9316"	8.0 E	130	H	IFPA	NO	Enabled		
5	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H	IFPA	NO	Enabled		
6	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LLO [IFPA]	CSI [IFPA]	STV [IFPA]	SAT [IFPA]	CWK [IFPA]	
2.5	LLO [IFPA]	CSI [IFPA]	STV [IFPA]	SAT [IFPA]		
4.4	STV [IFPA]	SAT [IFPA]	CSI [IFPA]			
16.8						
18.7	STV [IFPA]	CSI [IFPA]				
28.1	STV [IFPA]	CSI [IFPA]	JCT [IFPA]			
28.5	STV [IFPA]	CSI [IFPA]				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 03' 43.8003", W099° 03' 17.0141"	N30° 04' 54.4161", W099° 04' 59.1194"	1.8865

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Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
TATAR	ALISS	STV [IFPA], LLO [IFPA], CWK [IFPA], JCT [IFPA], SAT [IFPA], CSI [IFPA]	

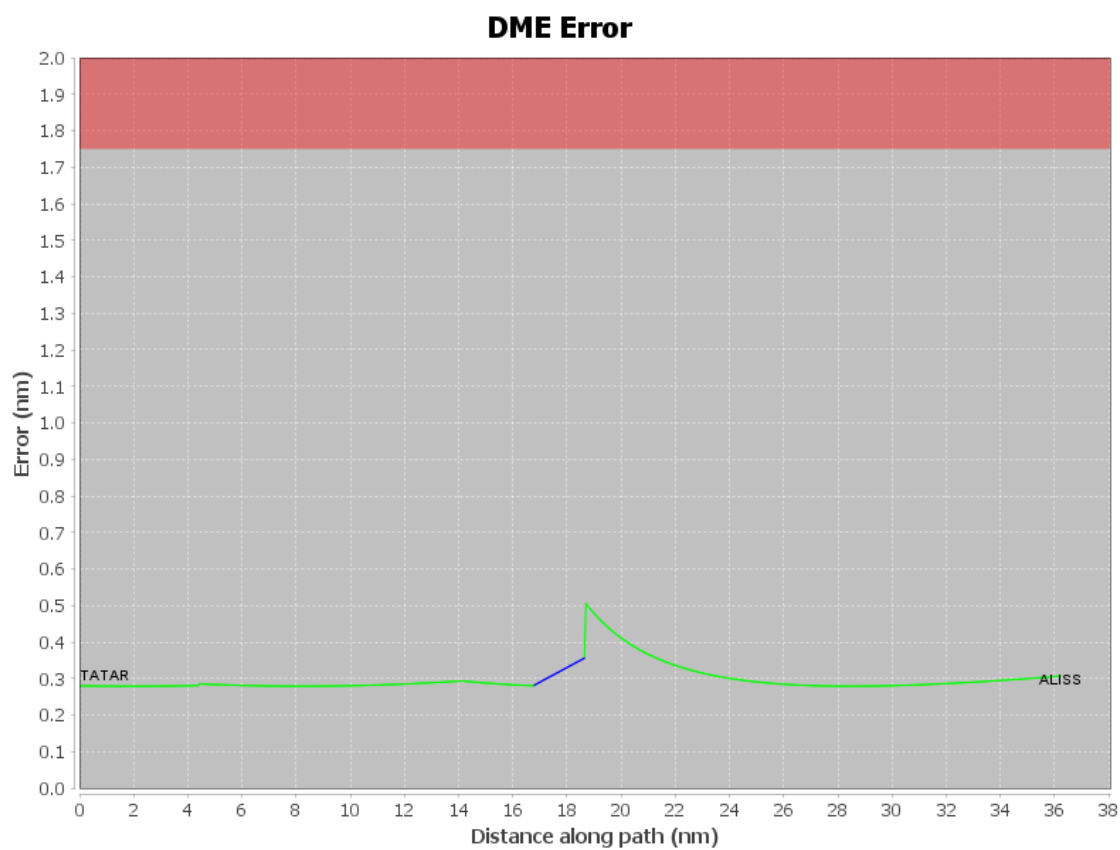
User Data Files

#	File Name
None	

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CWK FAA 970907-42 CWK [IFPA]	N30° 22' 42.7800", W097° 31' 47.4500"	6.0 E	130	593.2	112.8	CWK FAA 970907-42	
ESV:		Bearing [True]: 235.0° to 251.0° Bearing [Mag]: 229.0° to 245.0°				Arc Distance: Out to 77.0 NM Altitude: 5000.0 to 15100.0 ft		
2	ESV LLO [IFPA] LLO [IFPA]	N30° 47' 46.8312", W098° 47' 14.5992"	8.0 E	40	1206.6	108.2	ESV LLO [IFPA]	
ESV:		Bearing [True]: 164.0° to 187.0° Bearing [Mag]: 156.0° to 179.0°				Arc Distance: Out to 67.0 NM Altitude: 5000.0 to 10000.0 ft		

DME DME Assessment Results for ALISS7 path TATAR_ALISS



DME DME Assessment Results for ALISS7 path TREVA_TATAR

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Date/Time:	10/02/2024 11:26 EDT
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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
TREVA	WP	N29° 46' 55.0600", W098° 39' 14.1000"	5000	VNAV	200	FLY_BY	TF
TATAR	WP	N29° 53' 13.5100", W098° 48' 08.8500"	6000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KSAT [IFPA]
Climb Gradient:	None assigned
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 ALISS7 path TREVA_TATAR

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

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4	SAT	N29° 38' 38.5080", W098° 27' 40.7369"	8.0 E	130	H	IFPA	NO	Enabled		
5	CSI	N29° 55' 20.4761", W099° 12' 52.1485"	8.0 E	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CWK [IFPA]	SAT [IFPA]	LLO [IFPA]	CSI [IFPA]		
0.1	CWK [IFPA]	SAT [IFPA]	STV [IFPA]	CSI [IFPA]	LLO [IFPA]	
2.8	LLO [IFPA]	CSI [IFPA]	CWK [IFPA]	SAT [IFPA]		
3.0	STV [IFPA]	CSI [IFPA]	LLO [IFPA]	CWK [IFPA]	SAT [IFPA]	

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
TREVA	TATAR	STV [IFPA], LLO [IFPA], CWK [IFPA], SAT [IFPA], CSI [IFPA]	

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User Data Files

File Name

None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
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ESV:		Bearing [True]: 235.0° to 251.0° Bearing [Mag]: 229.0° to 245.0°				Arc Distance: Out to 77.0 NM Altitude: 5000.0 to 15100.0 ft		
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