

DME DME Assessment Results for SACAT4 path KFFZ:RW04L:DER_SACAT

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Rylee Y-CTR Ward
Project File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\FFZ SACAT FOUR 20251006.tgs
Output File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\KFFZ [IFPA] SACAT4 20251008_1324 CDT\KFFZ-RW04L-DER_SACAT\KFFZ SACAT4 SID RW04L SACAT 20251008_1324 CDT.pdf
Procedure Name:	SACAT4
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/08/2025 13:24 CDT
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
KFFZ:RW04L:DER	WP	N33° 27' 53.4577", W111° 43' 28.1378"	1386	VNAV	130	FLY_OVER	TF
SACAT	WP	N33° 15' 22.7500", W111° 52' 26.7500"	4403.7	VNAV	200	FLY_BY	TF
Climb Gradient: 490.0 ft/NM up to 3600.0 ft MSL							

Flyability	
Flight Type:	SID
Selected Airport:	KFFZ [IFPA]
Climb Gradient:	490.0 ft/NM up to 3600.0 ft MSL
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 SACAT4 path KFFZ:RW04L:DER_SACAT

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:	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	IWA	N33° 18' 11.4098", W111° 39' 05.1674"	13.0 E	40	L		NO	Enabled	80.8 %	85.3 %
2	TFD	N32° 53' 09.0757", W111° 54' 31.4443"	12.0 E	130	H		NO	Enabled	68.8 %	74 %
3	LUF	N33° 32' 15.6500", W112° 22' 48.7600"	10.0 E	40	L		NO	Enabled	80.8 %	85.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.4	IWA	LUF				
2.4						
2.4	IWA	LUF				
4.3	TFD	LUF	IWA			

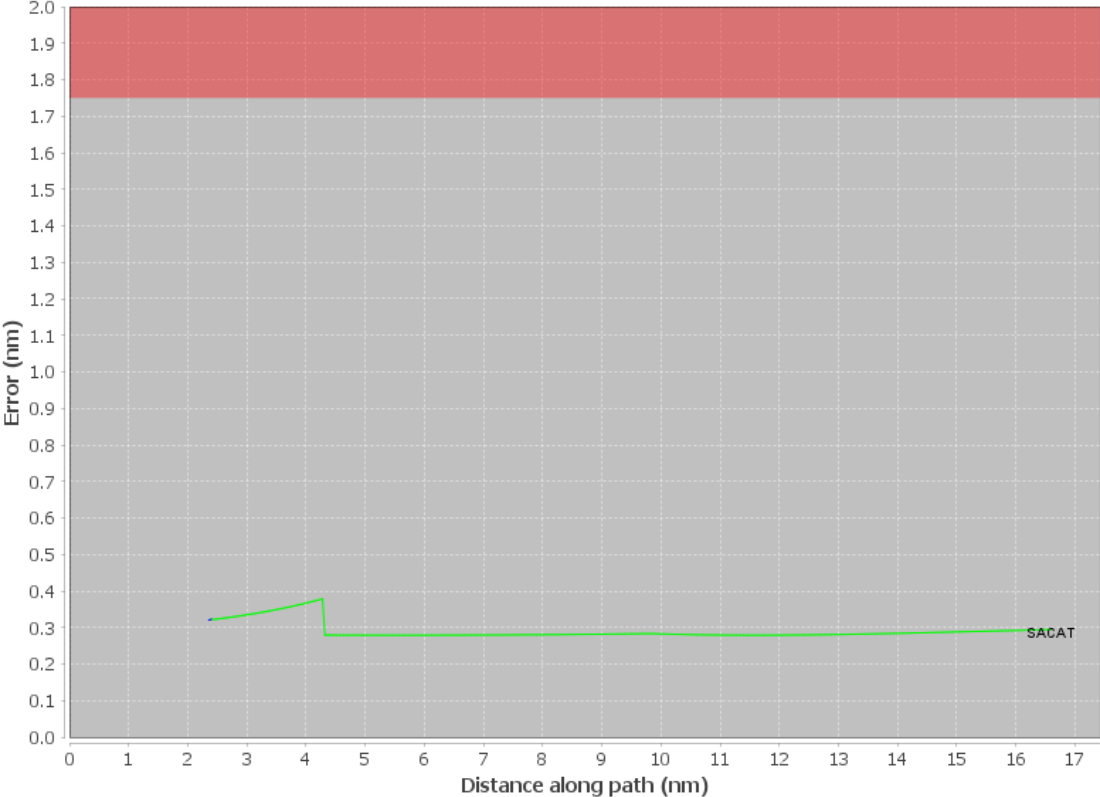
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 27' 54.8055", W111° 43' 26.1410"	N33° 27' 25.5172", W111° 43' 20.9857"	2.3207
2	N33° 27' 23.4862", W111° 43' 22.5237"	N33° 27' 21.4551", W111° 43' 24.0615"	0.04

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KFFZ:RW04L:DER	SACAT	IWA, TFD, LUF	

DME DME Assessment Results for SACAT4 path KFFZ:RW04L:DER_SACAT

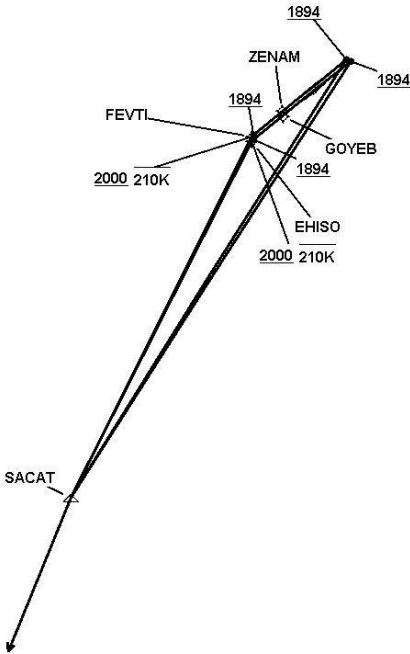
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME Error



DME DME Assessment Results for SACAT4 path KFFZ:RW04L:DER_SACAT

Graphic Depiction 1



DME DME Assessment Results for SACAT4 path KFFZ:RW04R:DER_SACAT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Rylee Y-CTR Ward
Project File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\FFZ SACAT FOUR 20251006.tgs
Output File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\KFFZ [IFPA] SACAT4 20251008_1324 CDT\KFFZ-RW04R-DER_SACAT\KFFZ SACAT4 SID RW04R SACAT 20251008_1324 CDT.pdf
Procedure Name:	SACAT4
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/08/2025 13:24 CDT
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
KFFZ:RW04R:DER	WP	N33° 27' 52.8700", W111° 43' 15.8188"	1394	VNAV	130	FLY_OVER	TF
SACAT	WP	N33° 15' 22.7500", W111° 52' 26.7500"	4403.7	VNAV	200	FLY_BY	TF

Climb Gradient:
505.0 ft/NM up to 3700.0 ft MSL

Flyability

Flight Type:	SID
Selected Airport:	KFFZ [IFPA]
Climb Gradient:	505.0 ft/NM up to 3700.0 ft MSL
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 SACAT4 path KFFZ:RW04R:DER_SACAT

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:	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	IWA	N33° 18' 11.4098", W111° 39' 05.1674"	13.0 E	40	L		NO	Enabled	81.4 %	85.8 %
2	TFD	N32° 53' 09.0757", W111° 54' 31.4443"	12.0 E	130	H		NO	Enabled	69.2 %	74.4 %
3	LUF	N33° 32' 15.6500", W112° 22' 48.7600"	10.0 E	40	L		NO	Enabled	81.4 %	85.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.3	IWA	LUF				
2.4						
2.4	IWA	LUF				
4.2	TFD	LUF	IWA			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 27' 54.2024", W111° 43' 13.8430"	N33° 27' 25.2813", W111° 43' 10.5939"	2.2397
2	N33° 27' 21.2253", W111° 43' 13.7246"	N33° 27' 19.1973", W111° 43' 15.2900"	0.0402

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KFFZ:RW04R:DER	SACAT	IWA, TFD, LUF	

DME DME Assessment Results for SACAT4 path KFFZ:RW04R:DER_SACAT

User Data Files

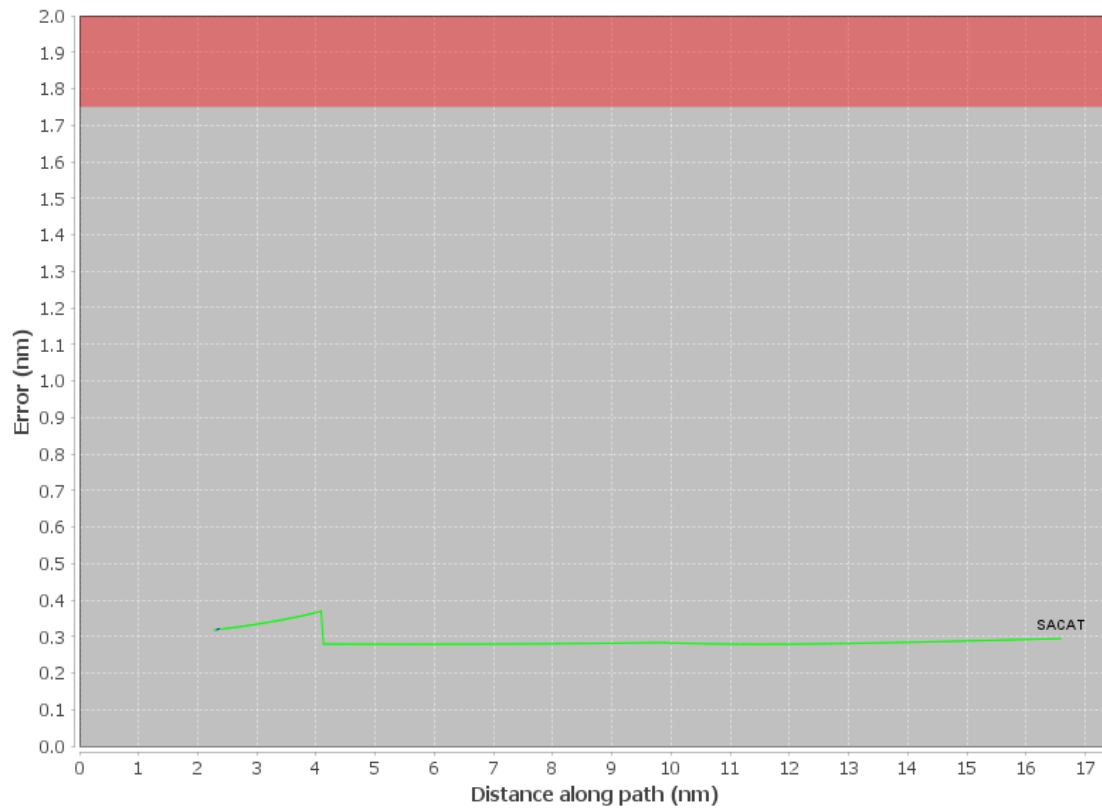
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

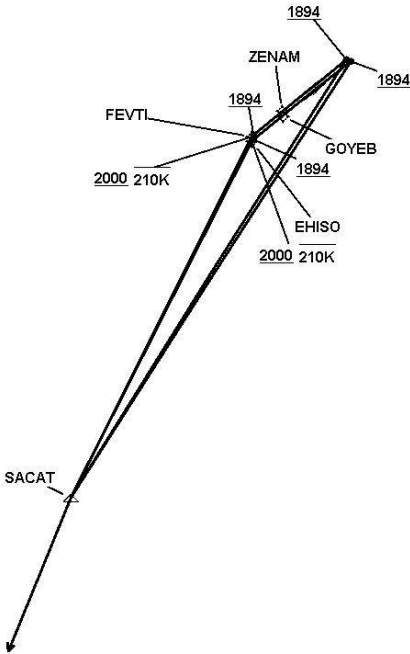
DME DME Assessment Results for SACAT4 path KFFZ:RW04R:DER_SACAT

DME Error



DME DME Assessment Results for SACAT4 path KFFZ:RW04R:DER_SACAT

Graphic Depiction 1



DME DME Assessment Results for SACAT4 path KFFZ:RW22L:DER_SACAT

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Rylee Y-CTR Ward
Project File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\FFZ SACAT FOUR 20251006.tgs
Output File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\KFFZ [IFPA] SACAT4 20251008_1324 CDT\KFFZ-RW22L-DER_SACAT\KFFZ SACAT4 SID RW22L SACAT 20251008_1324 CDT.pdf
Procedure Name:	SACAT4
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/08/2025 13:24 CDT
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
KFFZ:RW22L:DER	WP	N33° 27' 21.2399", W111° 44' 02.7130"	1365.6	VNAV	130	FLY_OVER	TF
EHISO	WP	N33° 26' 05.8300", W111° 45' 54.4200"	2000	VNAV	210	FLY_BY	TF
SACAT	WP	N33° 15' 22.7500", W111° 52' 26.7500"	4403.7	VNAV	200	FLY_BY	TF
Climb Gradient: 275.0 ft/NM up to 1894.0 ft MSL							

Flyability	
Flight Type:	SID
Selected Airport:	KFFZ [IFPA]
Climb Gradient:	275.0 ft/NM up to 1894.0 ft MSL
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 SACAT4 path KFFZ:RW22L:DER_SACAT

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:	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	IWA	N33° 18' 11.4098", W111° 39' 05.1674"	13.0 E	40	L		NO	Enabled	37.1 %	40.1 %
2	TFD	N32° 53' 09.0757", W111° 54' 31.4443"	12.0 E	130	H		NO	Enabled	31.8 %	34.4 %
3	LUF	N33° 32' 15.6500", W112° 22' 48.7600"	10.0 E	40	L		NO	Enabled	37.1 %	40.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs				Alternate	
0.0						
2.0	IWA	LUF				
2.1						
2.2	IWA	LUF				
2.2						
2.4	IWA	LUF				
3.2						
8.8	IWA	TFD	LUF			
8.9						
9.0	IWA	TFD	LUF			
9.3						
9.3	IWA	TFD	LUF			
9.4						
9.5	IWA	TFD	LUF			

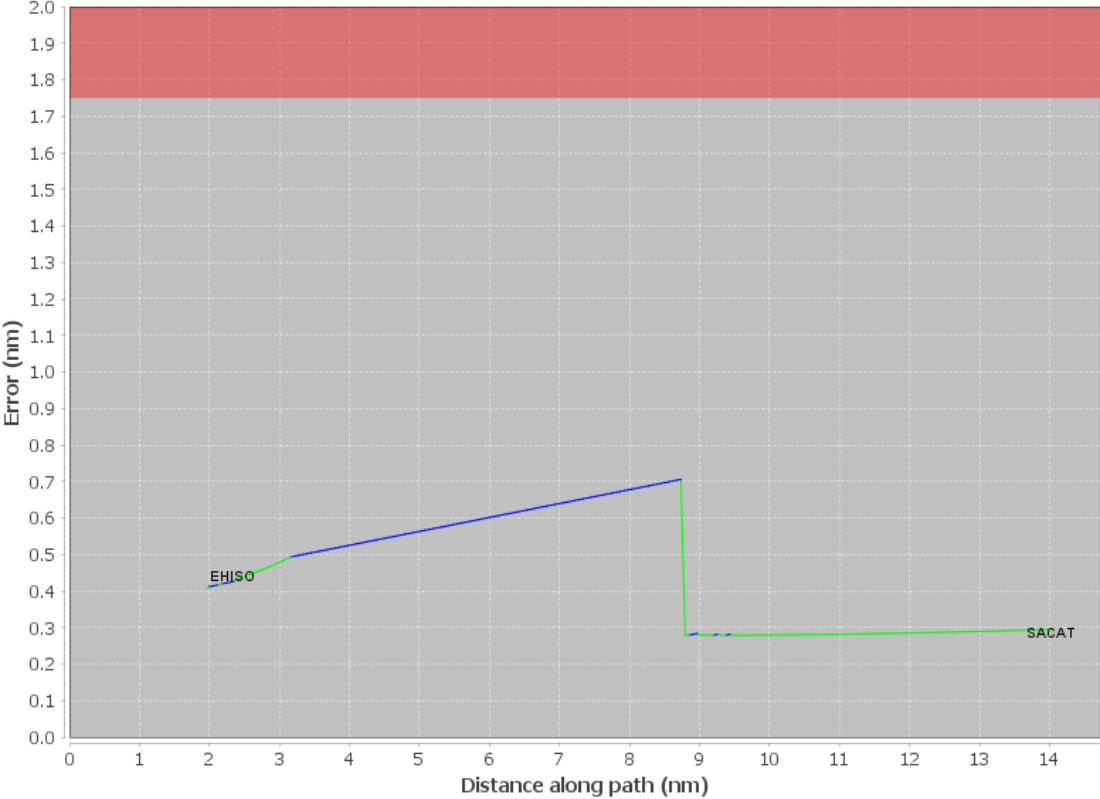
DME DME Assessment Results for SACAT4 path KFFZ:RW22L:DER_SACAT

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 27' 19.8989", W111° 44' 04.7007"	N33° 26' 07.3220", W111° 45' 52.2231"	1.9236
2	N33° 26' 05.8300", W111° 45' 54.4200"	N33° 25' 56.5126", W111° 46' 00.1174"	0.1742
3	N33° 25' 53.4068", W111° 46' 02.0165"	N33° 25' 44.0893", W111° 46' 07.7134"	0.1742
4	N33° 25' 00.6066", W111° 46' 34.2947"	N33° 20' 02.3946", W111° 49' 36.3686"	5.5739
5	N33° 19' 56.1810", W111° 49' 40.1581"	N33° 19' 49.9674", W111° 49' 43.9475"	0.1161
6	N33° 19' 37.5400", W111° 49' 51.5258"	N33° 19' 34.4332", W111° 49' 53.4203"	0.0581
7	N33° 19' 28.2195", W111° 49' 57.2092"	N33° 19' 25.1126", W111° 49' 59.1035"	0.0581

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KFFZ:RW22L:DER	EHISO	IWA, LUF	
EHISO	SACAT	IWA, TFD, LUF	

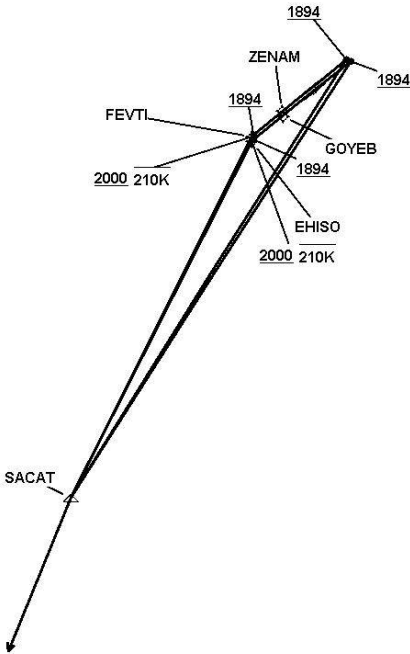
User Data Files								
#	File Name							
	None							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	None							

DME Error



DME DME Assessment Results for SACAT4 path KFFZ:RW22L:DER_SACAT

Graphic Depiction 1



DME DME Assessment Results for SACAT4 path KFFZ:RW22R:DER_SACAT

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Rylee Y-CTR Ward
Project File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\FFZ SACAT FOUR 20251006.tgs
Output File:	C:\Users\Rylee Y-CTR Ward\Desktop\FFZ SACAT\KFFZ [IFPA] SACAT4 20251008_1324 CDT\KFFZ-RW22R-DER_SACAT\KFFZ SACAT4 SID RW22R SACAT 20251008_1324 CDT.pdf
Procedure Name:	SACAT4
Software: DmeDmePlugin:	7.5.1
Date/Time:	10/08/2025 13:24 CDT
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
KFFZ:RW22R:DER	WP	N33° 27' 29.8816", W111° 44' 03.0621"	1365.7	VNAV	130	FLY_OVER	TF
FEVTI	WP	N33° 26' 14.4500", W111° 45' 54.7400"	2000	VNAV	210	FLY_BY	TF
SACAT	WP	N33° 15' 22.7500", W111° 52' 26.7500"	4403.7	VNAV	200	FLY_BY	TF
Climb Gradient: 275.0 ft/NM up to 1894.0 ft MSL							

Flyability	
Flight Type:	SID
Selected Airport:	KFFZ [IFPA]
Climb Gradient:	275.0 ft/NM up to 1894.0 ft MSL
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 SACAT4 path KFFZ:RW22R:DER_SACAT

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:	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	IWA	N33° 18' 11.4098", W111° 39' 05.1674"	13.0 E	40	L		NO	Enabled	35.3 %	38.2 %
2	TFD	N32° 53' 09.0757", W111° 54' 31.4443"	12.0 E	130	H		NO	Enabled	30 %	32.5 %
3	LUF	N33° 32' 15.6500", W112° 22' 48.7600"	10.0 E	40	L		NO	Enabled	35.3 %	38.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs				Alternate	
0.0						
2.0	IWA	LUF				
2.1						
2.3	IWA	LUF				
2.3						
2.5	IWA	LUF				
3.3						
9.2	IWA	TFD	LUF			
9.3						
9.4	IWA	TFD	LUF			
9.4						
9.6	IWA	TFD	LUF			

DME DME Assessment Results for SACAT4 path KFFZ:RW22R:DER_SACAT

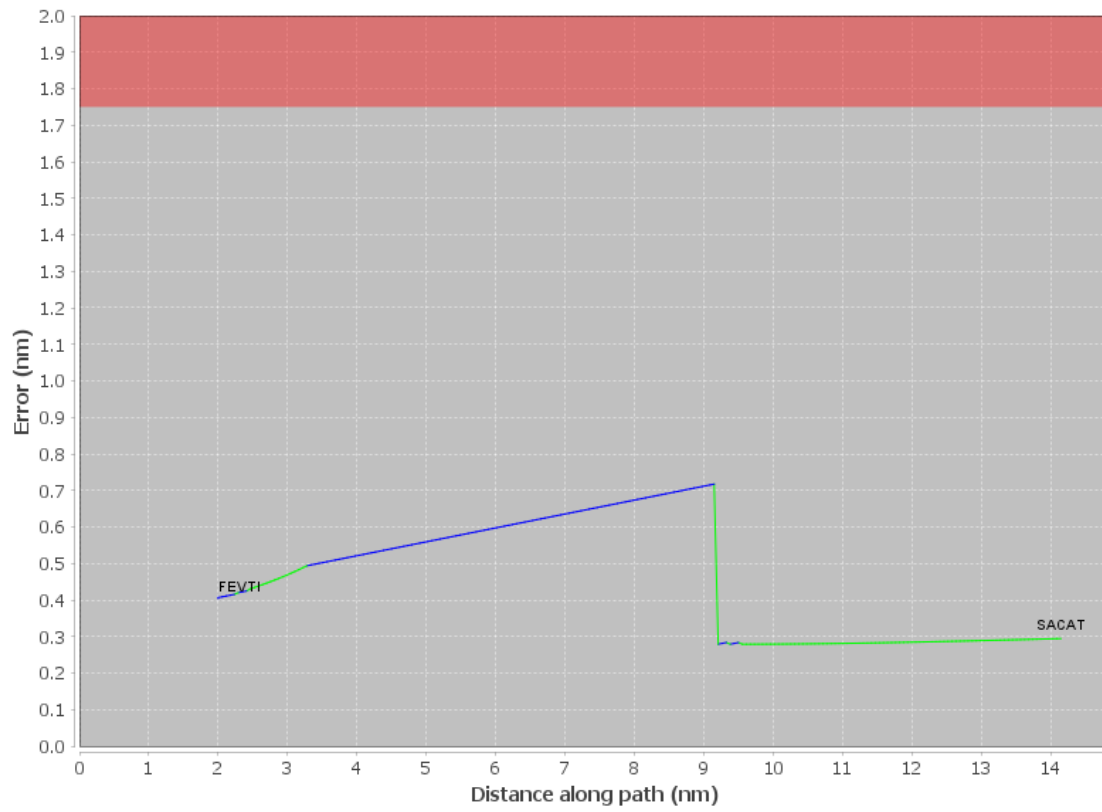
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 27' 28.5402", W111° 44' 05.0489"	N33° 26' 14.4500", W111° 45' 54.7400"	1.9629
2	N33° 26' 14.4500", W111° 45' 54.7400"	N33° 25' 58.8633", W111° 46' 04.1372"	0.2905
3	N33° 25' 55.7460", W111° 46' 06.0165"	N33° 25' 49.5112", W111° 46' 09.7751"	0.1162
4	N33° 25' 02.7496", W111° 46' 37.9594"	N33° 19' 47.8392", W111° 49' 47.5158"	5.8688
5	N33° 19' 44.7209", W111° 49' 49.3907"	N33° 19' 38.4841", W111° 49' 53.1404"	0.1162
6	N33° 19' 35.3658", W111° 49' 55.0152"	N33° 19' 29.1290", W111° 49' 58.7646"	0.1162

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KFFZ:RW22R:DER	FEVTI	IWA, LUF	
FEVTI	SACAT	IWA, TFD, LUF	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for SACAT4 path KFFZ:RW22R:DER_SACAT

DME Error



DME DME Assessment Results for SACAT4 path KFFZ:RW22R:DER_SACAT

Graphic Depiction 1

