

DME DME Assessment Results for FAHLZ1 path KIDA:RW03:DER_KAYTT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] FAHLZ1 20241228_1728 PST\KIDA-RW03-DER_KAYTT\KIDA FAHLZ1 SID RW03 KAYTT 20241228_1728 PST.pdf
Procedure Name:	FAHLZ1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:28 PST
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
KIDA:RW03:DER	WP	N43° 31' 19.08", W112° 03' 51.56"	4731.3	VNAV	0	FLY_BY	TF
FAHLZ	WP	N43° 37' 10.48", W111° 57' 29.87"	7400	VNAV	230	FLY_BY	TF
FRGNA	WP	N43° 35' 48.08", W111° 45' 37.04"	8000	VNAV	230	FLY_BY	TF
KAYTT	WP	N43° 15' 42.45", W111° 49' 14.15"	9800	VNAV	230	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	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 FAHLZ1 path KIDA:RW03:DER_KAYTT

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LKT	N45° 01' 16.72", W114° 05' 03.25"	13.0 E	130	DH		NO	Enabled	1.9 %	1.7 %
2	DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	H		NO	Enabled	30.3 %	31.1 %
3	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	32.2 %	32.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.0	IDA	LKT				
3.6						
7.5	IDA	DBS				
18.9						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 31' 21.69", W112° 03' 48.73"	N43° 33' 39.68", W112° 01' 19.03"	2.9294
2	N43° 34' 10.92", W112° 00' 45.11"	N43° 37' 10.48", W111° 57' 29.87"	3.8096
3	N43° 33' 08.86", W111° 46' 05.85"	N43° 15' 42.45", W111° 49' 14.15"	17.5866

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KIDA:RW03:DER	FAHLZ	LKT, IDA	
FAHLZ	FRGNA	DBS, IDA	
FRGNA	KAYTT	DBS, IDA	

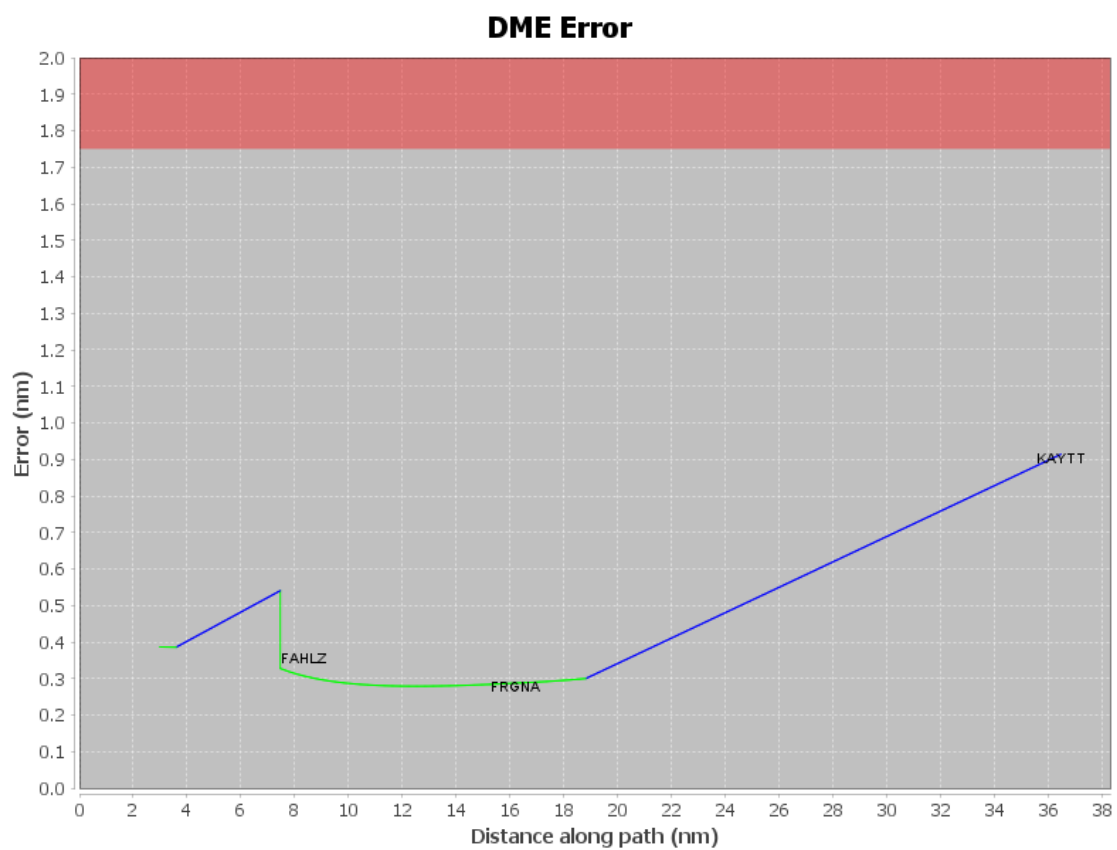
DME DME Assessment Results for FAHLZ1 path KIDA:RW03:DER_KAYTT

User Data Files

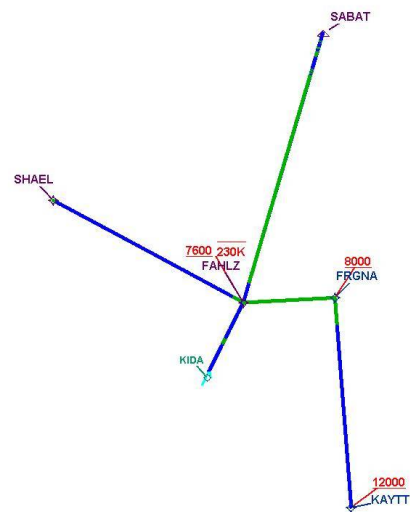
#	File Name
1	New Analysis.udt

User DMEs

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



Graphic Depiction 1



DME DME Assessment Results for FAHLZ1 path FAHLZ_SHAEL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] FAHLZ1 20241228_1728 PST\FAHLZ_SHAEL\KIDA FAHLZ1 SID FAHLZ SHAEL 20241228_1728 PST.pdf
Procedure Name:	FAHLZ1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:28 PST
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
FAHLZ	WP	N43° 37' 10.48", W111° 57' 29.87"	7400	VNAV	230	FLY_BY	TF
SHAEL	WP	N43° 50' 36.43", W112° 19' 08.17"	7400	VNAV	230	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	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 FAHLZ1 path FAHLZ_SHAEL

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	H		NO	Enabled	6.2 %	6.2 %
2	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	6.2 %	6.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IDA	DBS				
1.2						
20.5	IDA	DBS				

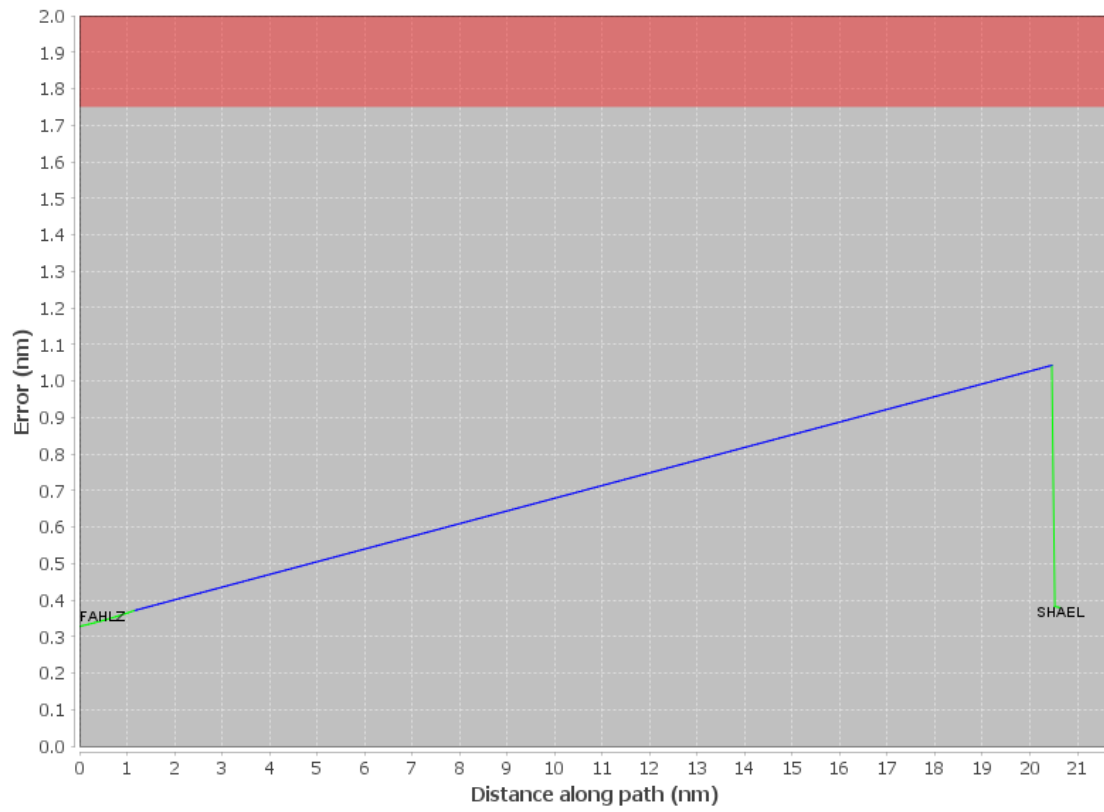
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 37' 57.85", W111° 58' 45.74"	N43° 50' 31.47", W112° 19' 00.13"	19.314

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
FAHLZ	SHAEL	DBS, IDA	

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

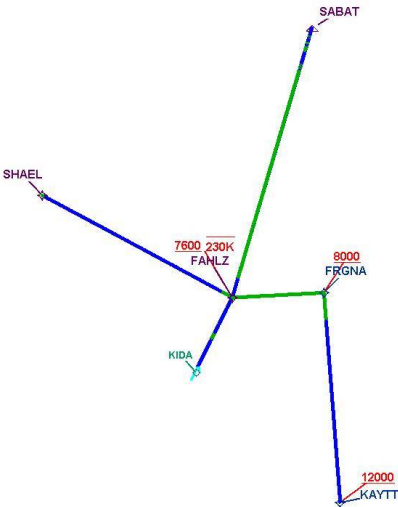
DME DME Assessment Results for FAHLZ1 path FAHLZ_SHAEL

DME Error



DME DME Assessment Results for FAHLZ1 path FAHLZ_SHAEL

Graphic Depiction 1



DME DME Assessment Results for FAHLZ1 path FAHLZ_SABAT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark A-CTR Tellier
Project File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\KIDA SIDs 32314 -TM v2.3 -DME DME EVAL.tgs
Output File:	C:\Users\Mark A-CTR Tellier\Desktop\Projects - TM\IDA\Submission Package\KIDA [IFPA] FAHLZ1 20241228_1728 PST\FAHLZ_SABAT\KIDA FAHLZ1 SID FAHLZ SABAT 20241228_1728 PST.pdf
Procedure Name:	FAHLZ1
Software: DmeDmePlugin:	7.4.1
Date/Time:	12/28/2024 17:28 PST
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
FAHLZ	WP	N43° 37' 10.48", W111° 57' 29.87"	7400	VNAV	230	FLY_BY	TF
SABAT	WP	N44° 00' 59.71", W111° 39' 55.04"	7600	VNAV	230	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KIDA [IFPA]
Climb Gradient:	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 FAHLZ1 path FAHLZ_SABAT

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DBS	N44° 05' 19.87", W112° 12' 33.64"	15.0 E	130	H		NO	Enabled	80.1 %	80.1 %
2	IDA	N43° 31' 08.42", W112° 03' 50.10"	15.0 E	130	DH		NO	Enabled	80.1 %	80.1 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.0	IDA	DBS				
22.9						
23.0	IDA	DBS				
23.0						
23.1	IDA	DBS				
23.3						
23.4	IDA	DBS				
23.5						
24.6	IDA	DBS				
25.2						
25.5	IDA	DBS				
25.7						
26.0	IDA	DBS				
26.0						
26.2	IDA	DBS				
26.2						
27.0	IDA	DBS				

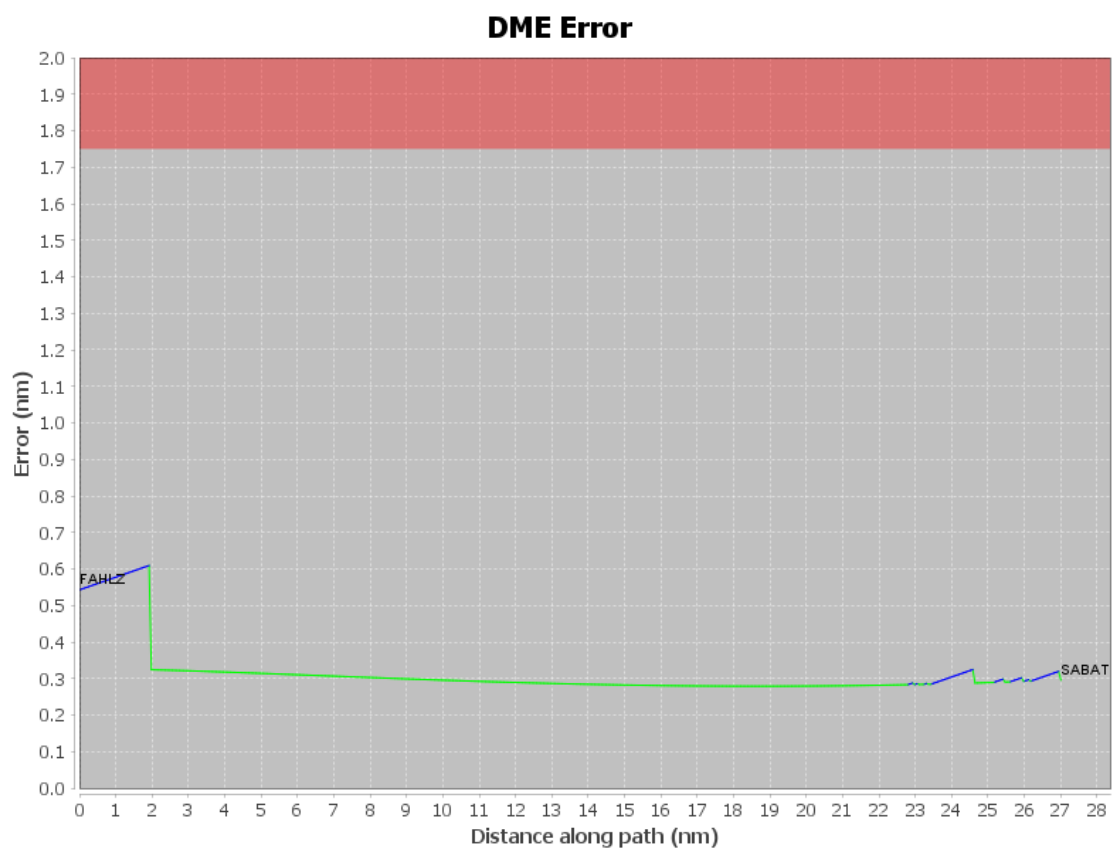
DME DME Assessment Results for FAHLZ1 path FAHLZ_SABAT

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N43° 37' 10.48", W111° 57' 29.87"	N43° 38' 55.31", W111° 56' 13.04"	1.9791
2	N43° 57' 20.27", W111° 42' 38.04"	N43° 57' 27.02", W111° 42' 33.03"	0.1277
3	N43° 57' 30.40", W111° 42' 30.53"	N43° 57' 33.78", W111° 42' 28.02"	0.0638
4	N43° 57' 43.91", W111° 42' 20.50"	N43° 57' 47.28", W111° 42' 18.00"	0.0638
5	N43° 57' 54.03", W111° 42' 12.99"	N43° 58' 54.81", W111° 41' 27.87"	1.1492
6	N43° 59' 25.19", W111° 41' 05.30"	N43° 59' 38.69", W111° 40' 55.26"	0.2554
7	N43° 59' 48.82", W111° 40' 47.74"	N44° 00' 05.70", W111° 40' 35.19"	0.3192
8	N44° 00' 09.08", W111° 40' 32.69"	N44° 00' 15.83", W111° 40' 27.67"	0.1277
9	N44° 00' 19.20", W111° 40' 25.16"	N44° 00' 59.71", W111° 39' 55.04"	0.7661

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
FAHLZ	SABAT	DBS, IDA	

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

DME DME Assessment Results for FAHLZ1 path FAHLZ_SABAT



DME DME Assessment Results for FAHLZ1 path FAHLZ_SABAT

Graphic Depiction 1

