

DME DME Assessment Results for MISHN4 path MISHN_SXC

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA MISHN SID.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA [IFPA] MISHN4 20250122_1432 MST\MISHN_SXC\KSBA MISHN4 SID MISHN SXC 20250122_1432 MST.pdf
Procedure Name:	MISHN4
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/22/2025 14:32 MST
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
MISHN	WP	N34° 08' 00.10", W119° 33' 37.74"	5500	VNAV	200	FLY_BY	TF
SXC	WP	N33° 22' 30.20", W118° 25' 11.68"	5500	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KSBA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 MISHN4 path MISHN_SXC

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	SLI	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	L		NO	Enabled	29.4 %	29.4 %
2	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	66.3 %	66.3 %
3	SMO	N34° 00' 37.53", W118° 27' 22.97"	15.0 E	40	L		NO	Enabled	63.9 %	63.9 %
4	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	63.6 %	63.6 %
5	RZS	N34° 30' 34.32", W119° 46' 15.56"	14.0 E	130	H		NO	Enabled	20.3 %	20.3 %
6	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	37.1 %	37.1 %
7	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	74.6 %	74.6 %
8	SXC	N33° 22' 30.20", W118° 25' 11.68"	15.0 E	130	H		NO	Enabled	50.4 %	50.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	RZS	FIM	VTU			
5.4	RZS	FIM	VTU	GOG		
14.8						
24.2	SMO	VTU	FIM			
24.5	LAX	VTU	FIM	SMO		
27.8	LAX	VTU	SMO	FIM	GOG	
36.5	LAX	VTU	SMO	SXC	GOG	
55.9	LAX	SXC	SMO	SLI	GOG	
69.9	SLI	SMO	LAX	GOG		
70.9	LAX	SLI	GOG			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 58' 48.08", W119° 19' 36.89"	N33° 52' 57.85", W119° 10' 46.23"	9.3865

DME DME Assessment Results for MISHN4 path MISHN_SXC

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
MISHN	SXC	SLI, LAX, SMO, VTU, RZS, FIM, GOG, SXC	

User Data Files

#	File Name
	None

User DMEs

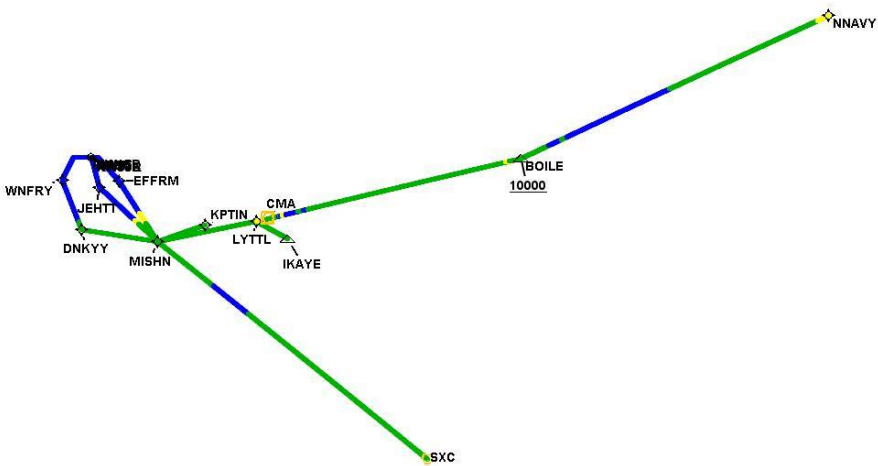
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PDZ 698121-029 PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	1432.4	112.2	PDZ 698121-029	
ESV:		Bearing [True]: 2.0° to 50.0° Bearing [Mag]: 347.0° to 35.0°				Arc Distance: Out to 75.0 NM Altitude: 12000.0 to 16000.0 ft		
2	TNP 704162-23 TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	1373.9	114.2	TNP 704162-23	
ESV:		Bearing [True]: 297.0° to 315.0° Bearing [Mag]: 282.0° to 300.0°				Arc Distance: Out to 83.0 NM Altitude: 13200.0 to 19400.0 ft		



DME DME Assessment Results for MISHN4 path MISHN_SXC

Graphic Depiction 1

MQO



DME DME Assessment Results for MISHN4 path KSBA:RW07:DER_IKAYE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA MISHN SID.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA [IFPA] MISHN4 20250122_1432 MST\KSBA-RW07-DER_IKAYE\KSBA MISHN4 SID RW07 IKAYE 20250122_1432 MST.pdf
Procedure Name:	MISHN4
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/22/2025 14:32 MST
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
KSBA:RW07:DER	WP	N34° 25' 40.50", W119° 50' 04.48"	12	VNAV	130	FLY_BY	TF
EFFRM	WP	N34° 20' 36.13", W119° 43' 21.65"	1884.1	VNAV	200	FLY_BY	TF
MISHN	WP	N34° 08' 00.10", W119° 33' 37.74"	5500	VNAV	200	FLY_BY	TF
LYTTL	WP	N34° 12' 14.82", W119° 08' 39.92"	5500	VNAV	200	FLY_BY	TF
IKAYE	WP	N34° 08' 35.00", W119° 00' 37.00"	5500	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KSBA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 MISHN4 path KSBA:RW07:DER_IKAYE

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	GVO	N34° 31' 52.75", W120° 05' 27.92"	16.0 E	130	H		NO	Enabled	8.8 %	9.3 %
2	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	14.1 %	14.8 %
3	CMA	N34° 12' 45.08", W119° 05' 39.68"	15.0 E	40	L		NO	Enabled	29.2 %	30.7 %
4	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	53.8 %	56.4 %
5	RZS	N34° 30' 34.32", W119° 46' 15.56"	14.0 E	130	H		NO	Enabled	58.9 %	61.7 %
6	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	57.8 %	60.6 %
7	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	14.1 %	14.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
15.7	RZS	FIM	CMA	VTU	GVO	
18.2	RZS	CMA	VTU	GVO		
20.5	RZS	VTU				
22.8	RZS	FIM	VTU			
26.8	RZS	FIM	CMA	VTU		
29.2	RZS	FIM	CMA			
32.5	RZS	FIM	CMA	VTU		
34.8	RZS	FIM	VTU			
44.0	VTU	FIM	RZS	LAX	GOG	
47.6	LAX	FIM	VTU	GOG		
48.1	LAX	FIM	GOG			
48.4	LAX	FIM	CMA	GOG		

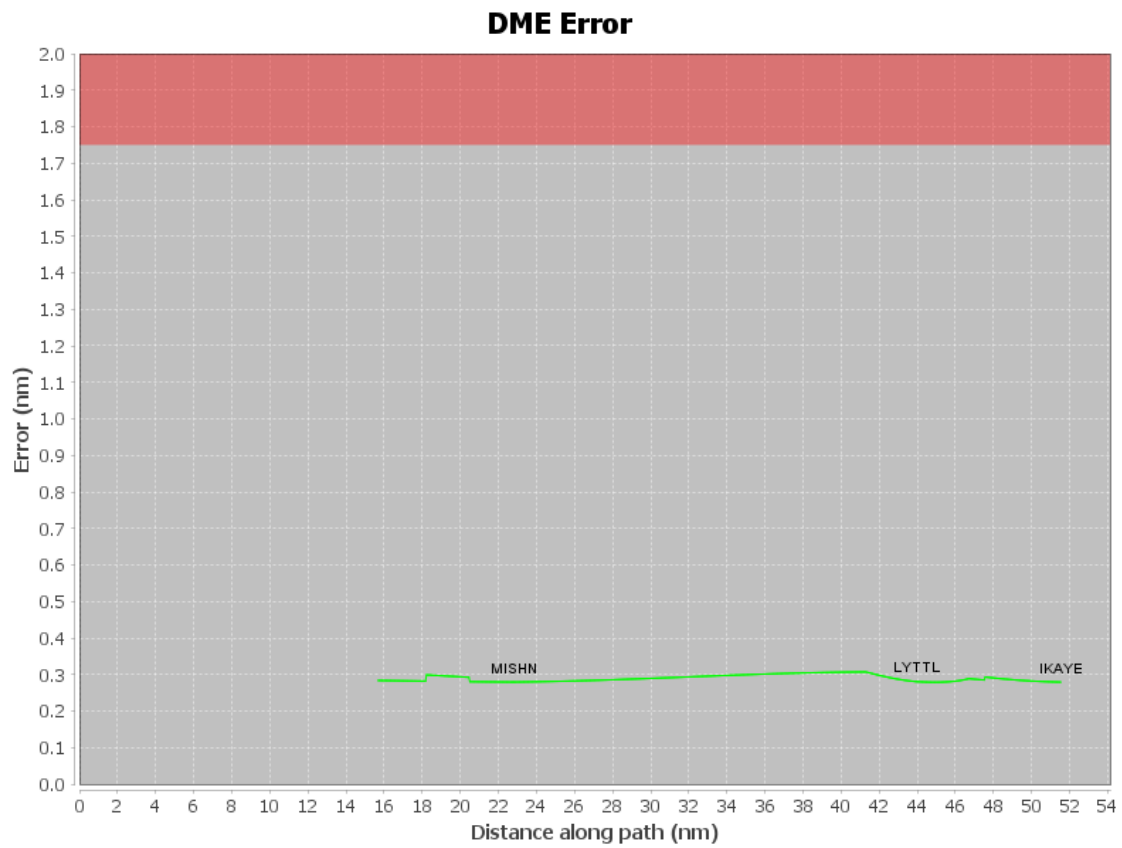
DME DME Assessment Results for MISHN4 path KSBA:RW07:DER_IKAYE

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 25' 40.56", W119° 50' 01.94"	N34° 13' 59.94", W119° 38' 15.22"	15.6307

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KSBA:RW07:DER	EFFRM		
EFFRM	MISHN	GVO, CMA, VTU, RZS, FIM	
MISHN	LYTTL	VTU, CMA, RZS, FIM	
LYTTL	IKAYE	LAX, VTU, CMA, RZS, FIM, GOG	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PDZ 698121-029 PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	1432.4	112.2	PDZ 698121-029	
ESV:		Bearing [True]: 2.0° to 50.0° Bearing [Mag]: 347.0° to 35.0°				Arc Distance: Out to 75.0 NM Altitude: 12000.0 to 16000.0 ft		
2	TNP 704162-23 TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	1373.9	114.2	TNP 704162-23	
ESV:		Bearing [True]: 297.0° to 315.0° Bearing [Mag]: 282.0° to 300.0°				Arc Distance: Out to 83.0 NM Altitude: 13200.0 to 19400.0 ft		

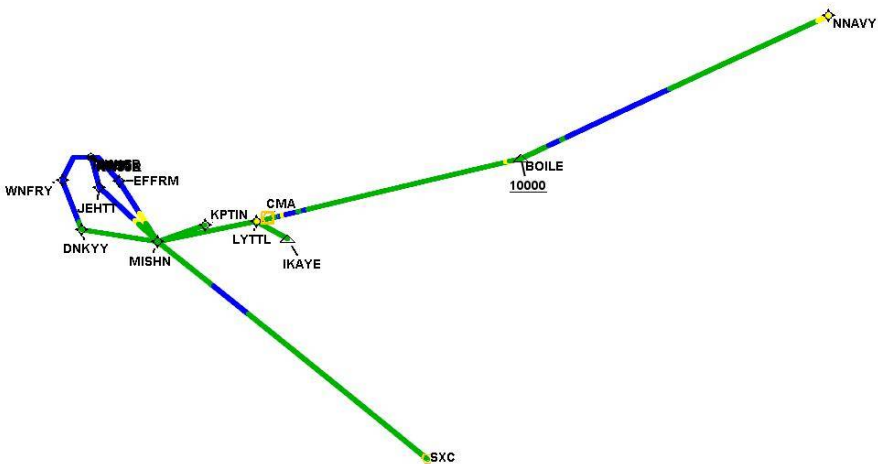
DME DME Assessment Results for MISHN4 path KSBA:RW07:DER_IKAYE



DME DME Assessment Results for MISHN4 path KSBA:RW07:DER_IKAYE

Graphic Depiction 1

MQO



DME DME Assessment Results for MISHN4 path KSBA:RW15L:DER_KPTIN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA MISHN SID.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA [IFPA] MISHN4 20250122_1432 MST\KSBA-RW15L-DER_KPTIN\KSBA MISHN4 SID RW15L KPTIN 20250122_1432 MST.pdf
Procedure Name:	MISHN4
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/22/2025 14:32 MST
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
KSBA:RW15L:DER	WP	N34° 25' 10.75", W119° 50' 12.98"	11.3	VNAV	130	FLY_BY	TF
JEHTT	WP	N34° 19' 21.29", W119° 48' 23.10"	1212.8	VNAV	0	FLY_BY	TF
MISHN	WP	N34° 08' 00.10", W119° 33' 37.74"	5500	VNAV	200	FLY_BY	TF
KPTIN	WP	N34° 11' 28.20", W119° 21' 35.50"	5500	VNAV	200	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KSBA [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 MISHN4 path KSBA:RW15L:DER_KPTIN

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	GVO	N34° 31' 52.75", W120° 05' 27.92"	16.0 E	130	H		NO	Enabled	9.2 %	9.8 %
2	CMA	N34° 12' 45.08", W119° 05' 39.68"	15.0 E	40	L		NO	Enabled	26.4 %	28.1 %
3	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	43.3 %	46.1 %
4	RZS	N34° 30' 34.32", W119° 46' 15.56"	14.0 E	130	H		NO	Enabled	48.3 %	51.4 %
5	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	33.3 %	35.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
16.1	RZS	FIM	CMA	VTU	GVO	
17.2	RZS	CMA	VTU	GVO		
19.0	RZS	VTU				
22.5	RZS	FIM	VTU			
24.2	RZS	FIM	GVO	VTU		
24.7	RZS	FIM	VTU			
26.4	RZS	FIM	CMA	VTU		
28.9	RZS	FIM	CMA			
30.6	RZS	FIM	CMA	VTU		
33.0	RZS	FIM	VTU			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 25' 08.66", W119° 50' 12.32"	N34° 12' 27.36", W119° 39' 24.35"	16.1215

DME DME Assessment Results for MISHN4 path KSBA:RW15L:DER_KPTIN

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KSBA:RW15L:DER	JEHTT		
JEHTT	MISHN	GVO, CMA, VTU, RZS, FIM	
MISHN	KPTIN	GVO, VTU, CMA, RZS, FIM	

User Data Files

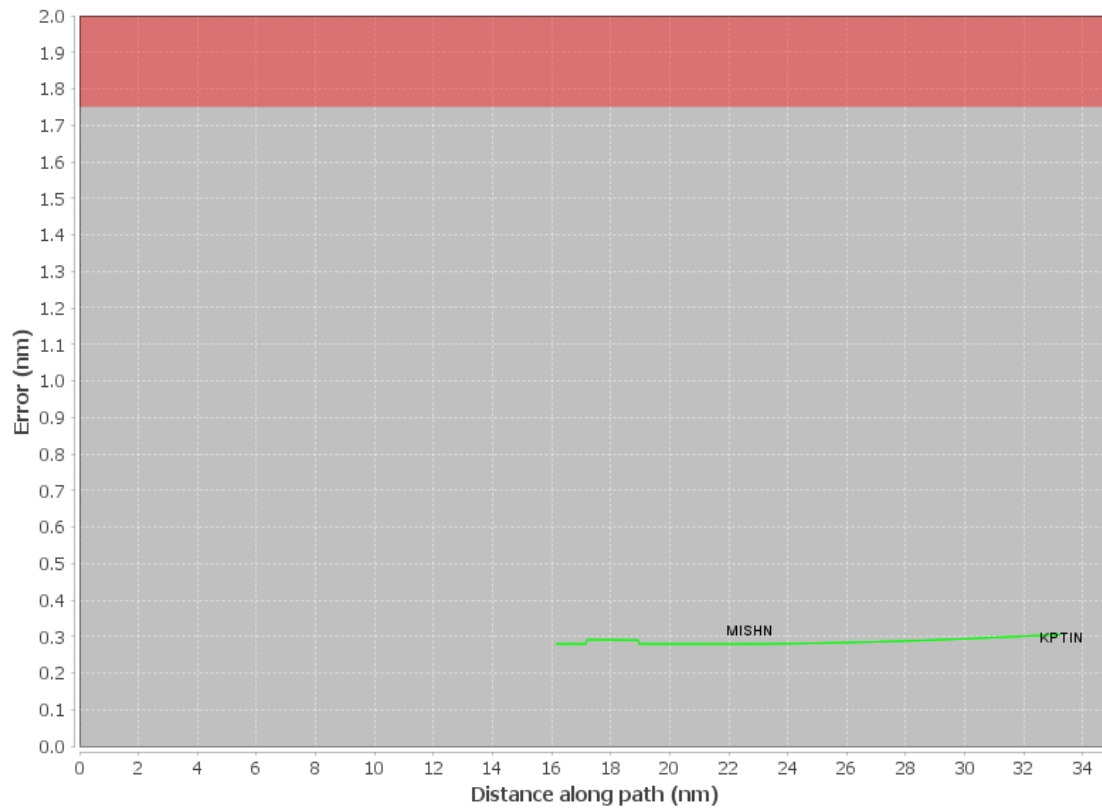
#	File Name
None	

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PDZ 698121-029 PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	1432.4	112.2	PDZ 698121-029	
ESV:		Bearing [True]: 2.0° to 50.0° Bearing [Mag]: 347.0° to 35.0°				Arc Distance: Out to 75.0 NM Altitude: 12000.0 to 16000.0 ft		
2	TNP 704162-23 TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	1373.9	114.2	TNP 704162-23	
ESV:		Bearing [True]: 297.0° to 315.0° Bearing [Mag]: 282.0° to 300.0°				Arc Distance: Out to 83.0 NM Altitude: 13200.0 to 19400.0 ft		

DME DME Assessment Results for MISHN4 path KSBA:RW15L:DER_KPTIN

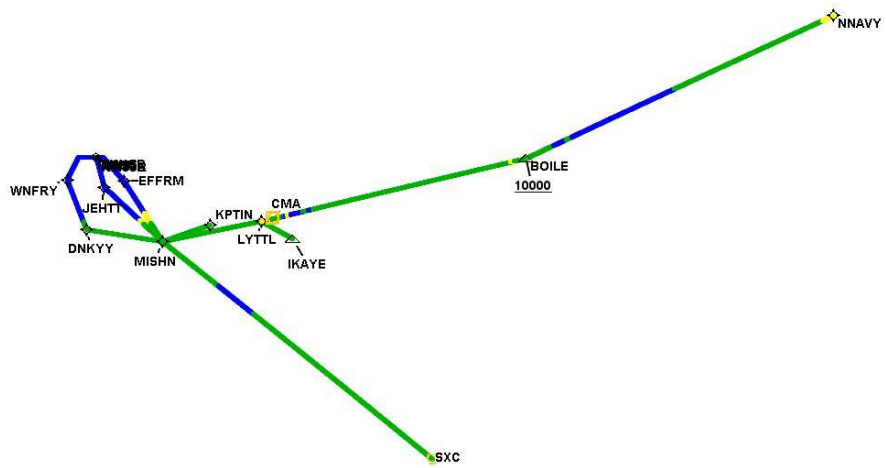
DME Error



DME DME Assessment Results for MISHN4 path KSBA:RW15L:DER_KPTIN

Graphic Depiction 1

MQO



DME DME Assessment Results for MISHN4 path KSBA:RW15R:DER_JEHTT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA MISHN SID.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA [IFPA] MISHN4 20250122_1432 MST\KSBA-RW15R-DER_JEHTT\KSBA MISHN4 SID RW15R JEHTT 20250122_1432 MST.pdf
Procedure Name:	MISHN4
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/22/2025 14:32 MST
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
KSBA:RW15R:DER	WP	N34° 25' 09.85", W119° 50' 17.17"	11	VNAV	130	FLY_BY	TF
JEHTT	WP	N34° 19' 21.29", W119° 48' 23.10"	1212.8	VNAV	0	FLY_BY	TF
Climb Gradient: 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KSBA [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 MISHN4 path KSBA:RW15R:DER_JEHTT

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

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						

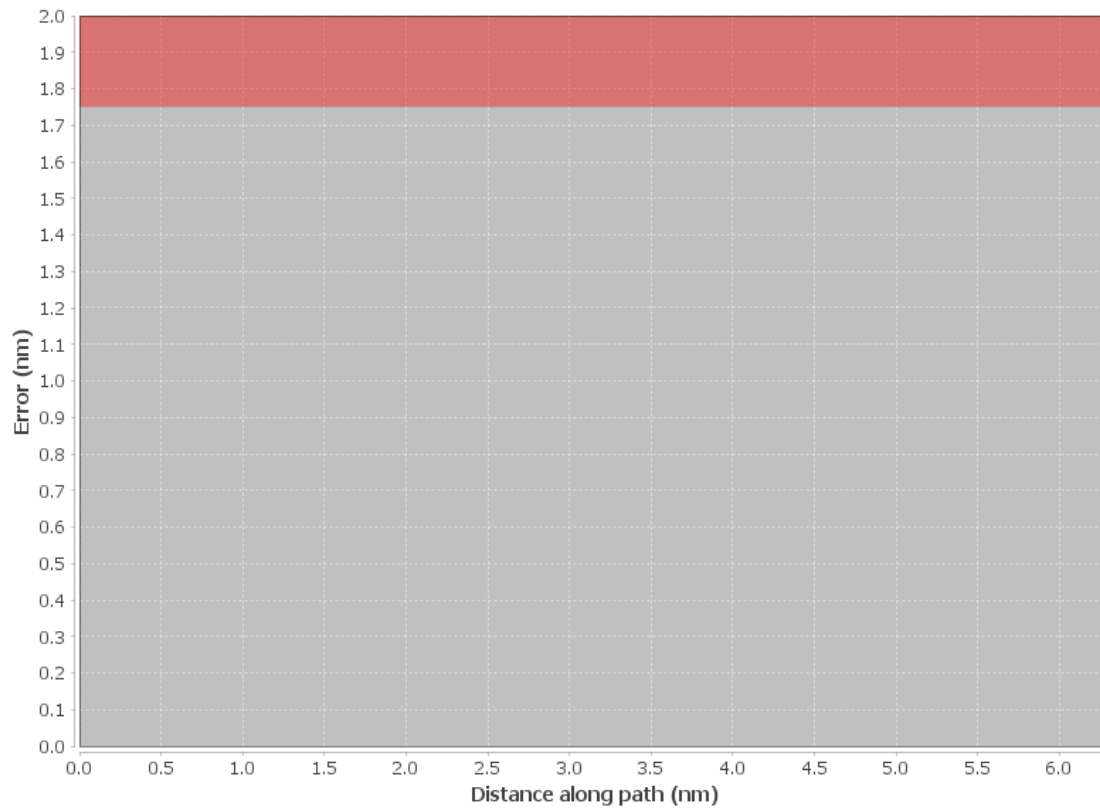
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 25' 07.76", W119° 50' 16.48"	N34° 19' 21.29", W119° 48' 23.10"	5.973

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KSBA:RW15R:DER	JEHTT		

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PDZ 698121-029 PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	1432.4	112.2	PDZ 698121-029	
ESV:		Bearing [True]: 2.0° to 50.0° Bearing [Mag]: 347.0° to 35.0°				Arc Distance: Out to 75.0 NM Altitude: 12000.0 to 16000.0 ft		
2	TNP 704162-23 TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	1373.9	114.2	TNP 704162-23	
ESV:		Bearing [True]: 297.0° to 315.0° Bearing [Mag]: 282.0° to 300.0°				Arc Distance: Out to 83.0 NM Altitude: 13200.0 to 19400.0 ft		

DME DME Assessment Results for MISHN4 path KSBA:RW15R:DER_JEHTT

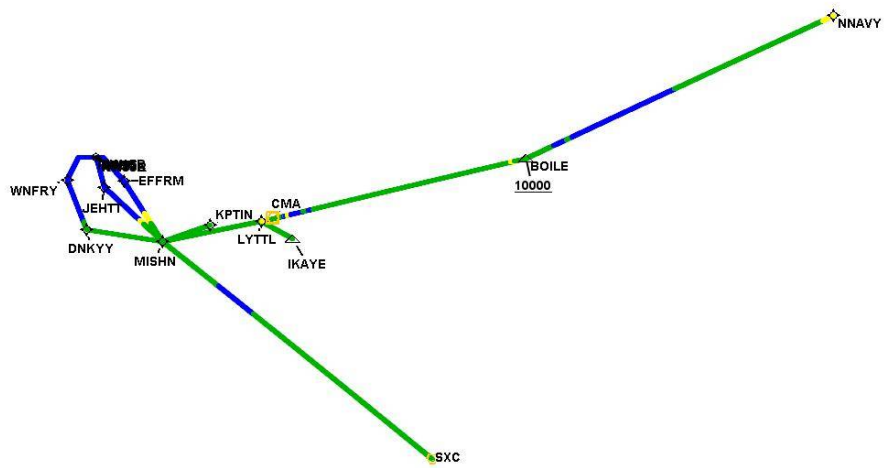
DME Error



DME DME Assessment Results for MISHN4 path KSBA:RW15R:DER_JEHTT

Graphic Depiction 1

MQO



DME DME Assessment Results for MISHN4 path KSBA:RW25:DER_NNAVY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Jeanette CTR Roller
Project File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA MISHN SID.tgs
Output File:	C:\Users\Jeanette CTR Roller\Desktop\KSBA MISHN5 10-2-25\KSBA [IFPA] MISHN4 20250122_1432 MST\KSBA-RW25-DER_NNAVY\KSBA MISHN4 SID RW25 NNAVY 20250122_1432 MST.pdf
Procedure Name:	MISHN4
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/22/2025 14:32 MST
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
KSBA:RW25:DER	WP	N34° 25' 39.00", W119° 51' 16.71"	11.4	VNAV	130	FLY_BY	TF
WNFRY	WP	N34° 20' 55.12", W119° 57' 48.92"	1967.6	VNAV	200	FLY_BY	TF
DNKYY	WP	N34° 10' 29.68", W119° 52' 52.80"	4203.8	VNAV	200	FLY_BY	TF
MISHN	WP	N34° 08' 00.10", W119° 33' 37.74"	5500	VNAV	200	FLY_BY	TF
CMA	WP	N34° 12' 45.08", W119° 05' 39.68"	5500	VNAV	200	FLY_BY	TF
BOILE	WP	N34° 25' 20.78", W118° 01' 33.07"	10000	VNAV	200	FLY_BY	TF
NNAVY	WP	N34° 55' 10.68", W116° 43' 40.88"	15000	VNAV	240	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KSBA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 MISHN4 path KSBA:RW25:DER_NNAVY

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	VNY	N34° 13' 26.48", W118° 29' 30.21"	15.0 E	40	L		NO	Enabled	15.6 %	15.8 %
2	GVO	N34° 31' 52.75", W120° 05' 27.92"	16.0 E	130	H		NO	Enabled	6.9 %	7 %
3	LAX	N33° 55' 59.34", W118° 25' 55.25"	15.0 E	130	H		NO	Enabled	29.4 %	29.7 %
4	PMD	N34° 37' 53.03", W118° 03' 49.76"	15.0 E	130	H		NO	Enabled	12 %	12.1 %
5	PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	H		NO	Enabled	19.5 %	19.8 %
6	HEC	N34° 47' 49.26", W116° 27' 46.52"	15.0 E	130	H		NO	Enabled	14.8 %	15.1 %
7	VCV	N34° 35' 39.04", W117° 23' 22.99"	14.0 E	25	T		NO	Enabled	1.7 %	1.7 %
8	GMN	N34° 48' 14.50", W118° 51' 40.90"	16.0 E	40	L		NO	Enabled	10 %	10.2 %
9	RZS	N34° 30' 34.32", W119° 46' 15.56"	14.0 E	130	H		NO	Enabled	21.8 %	22.1 %
10	FIM	N34° 21' 24.10", W118° 52' 52.65"	15.0 E	40	L		NO	Enabled	36.4 %	36.9 %
11	DAG	N34° 57' 44.85", W116° 34' 41.40"	15.0 E	40	L		NO	Enabled	17 %	17.3 %
12	SLI	N33° 46' 59.88", W118° 03' 17.13"	15.0 E	40	L		NO	Enabled	0.4 %	0.4 %
13	SMO	N34° 00' 37.53", W118° 27' 22.97"	15.0 E	40	L		NO	Enabled	23.6 %	23.9 %
14	CMA	N34° 12' 45.08", W119° 05' 39.68"	15.0 E	40	L		NO	Enabled	9.1 %	9.2 %
15	VTU	N34° 06' 53.72", W119° 02' 57.00"	15.0 E	40	L		NO	Enabled	35.5 %	36 %
16	LHS	N34° 40' 58.70", W118° 34' 36.98"	15.0 E	130	H		NO	Enabled	26.5 %	26.8 %
17	TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	L		NO	Enabled	12.7 %	12.9 %
18	GOG	N35° 53' 39.30", W115° 29' 45.90"	0.0 E	130	DH		NO	Enabled	10.7 %	10.9 %

DME DME Assessment Results for MISHN4 path KSBA:RW25:DER_NNAVY

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
17.6	RZS	GVO				
19.7	RZS	CMA	GVO			
21.4	RZS	VTU	CMA	GVO		
22.3	RZS	VTU	GVO			
30.6	RZS	VTU				
33.7	RZS	FIM	VTU			
39.7	RZS	FIM	CMA	VTU		
42.0	RZS	FIM	CMA			
45.3	RZS	FIM	CMA	VTU		
47.6	RZS	FIM	VTU			
56.9	VTU	FIM	RZS	LAX	GOG	
58.5						
58.7	LAX	FIM				
59.1	LAX	FIM	GOG			
61.5						
61.6	LAX	FIM	GOG			
61.8						
62.1	VTU	GOG				
62.2						
62.2	LAX	FIM	VTU	GOG		
62.3	LAX	FIM	CMA	VTU	GOG	
63.1						
65.7	LAX	FIM	VTU	GOG		
66.8						
67.9	LAX	VTU	FIM	GOG		
68.0	LAX	VTU	FIM			
68.3	LAX	VTU	SMO	FIM		
68.9	LAX	VTU	FIM			
69.3	LAX	VTU				
70.6	LAX	VTU	LHS			
71.4	LAX	VTU	LHS	VNY		
73.0	LAX	VTU	VNY	LHS	CMA	
78.9	LAX	VTU	VNY	LHS	SMO	FIM
86.7	GMN	VTU	LHS	FIM	SMO	LAX
96.8	LHS	VTU	LAX	FIM	SMO	VNY
98.9	VNY	LHS	LAX	FIM	SMO	
104.6	SMO	LHS	LAX	FIM		
105.1	SMO	LHS	PMD	LAX	FIM	
111.3	LAX	LHS	SMO	PMD		
116.6	SMO	LHS	PMD			
120.1						
123.1	VCV	PMD				
124.4						
148.1	PDZ	PMD				
152.7	PDZ	PMD	DAG			
154.2	PDZ	DAG				
156.8	PDZ	HEC	DAG			
159.8	PDZ	TNP	HEC	VCV	DAG	
161.8	PDZ	TNP	HEC	DAG		
170.4	PDZ	TNP	HEC	DAG	GOG	
183.7	PDZ	HEC	GOG	DAG		

DME DME Assessment Results for MISHN4 path KSBA:RW25:DER_NNAVY

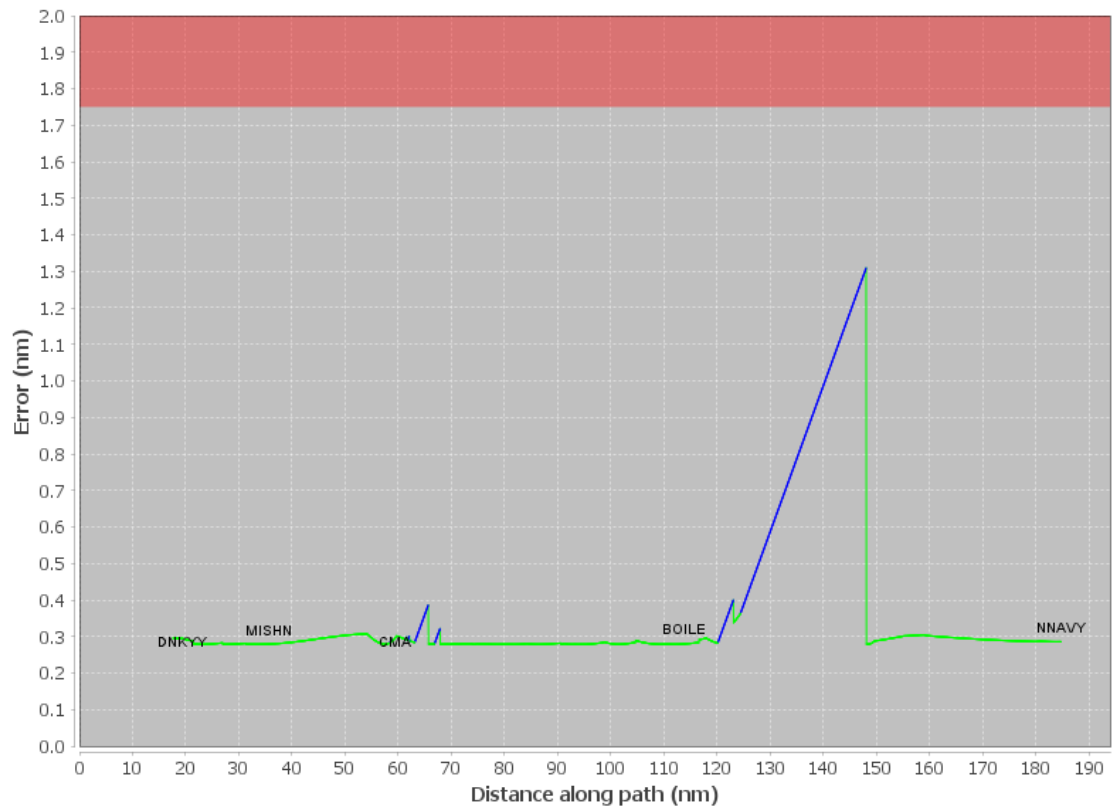
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 25' 38.94", W119° 51' 19.25"	N34° 12' 11.87", W119° 53' 41.09"	17.5711
2	N34° 12' 35.17", W119° 06' 38.68"	N34° 12' 37.81", W119° 06' 22.95"	0.2219
3	N34° 13' 15.70", W119° 03' 07.43"	N34° 13' 18.05", W119° 02' 55.72"	0.1665
4	N34° 13' 21.19", W119° 02' 40.10"	N34° 13' 25.11", W119° 02' 20.58"	0.2776
5	N34° 13' 25.89", W119° 02' 16.68"	N34° 13' 26.68", W119° 02' 12.77"	0.0555
6	N34° 13' 39.21", W119° 01' 10.30"	N34° 14' 15.22", W118° 58' 10.66"	2.5536
7	N34° 14' 31.63", W118° 56' 48.64"	N34° 14' 46.46", W118° 55' 34.42"	1.0548
8	N34° 28' 01.42", W117° 54' 41.24"	N34° 29' 16.63", W117° 51' 27.93"	2.9429
9	N34° 29' 50.66", W117° 50' 00.36"	N34° 39' 51.78", W117° 24' 02.73"	23.654

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KSBA:RW25:DER	WNFRY		
WNFRY	DNKYY	GVO, RZS	
DNKYY	MISHN	GVO, CMA, VTU, RZS, FIM	
MISHN	CMA	LAX, VTU, CMA, RZS, FIM, GOG	
CMA	BOILE	VNY, SLI, LAX, SMO, VTU, CMA, LHS, PMD, GMN, FIM, GOG	
BOILE	NNAVY	LAX, SMO, LHS, PMD, PDZ, HEC, TNP, VCV, DAG, GOG	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	PDZ 698121-029 PDZ	N33° 55' 06.01", W117° 31' 47.99"	15.0 E	130	1432.4	112.2	PDZ 698121-029	
ESV:		Bearing [True]: 2.0° to 50.0° Bearing [Mag]: 347.0° to 35.0°				Arc Distance: Out to 75.0 NM Altitude: 12000.0 to 16000.0 ft		
2	TNP 704162-23 TNP	N34° 06' 44.04", W115° 46' 11.66"	15.0 E	40	1373.9	114.2	TNP 704162-23	
ESV:		Bearing [True]: 297.0° to 315.0° Bearing [Mag]: 282.0° to 300.0°				Arc Distance: Out to 83.0 NM Altitude: 13200.0 to 19400.0 ft		

DME DME Assessment Results for MISHN4 path KSBA:RW25:DER_NNAVY

DME Error



DME DME Assessment Results for MISHN4 path KSBA:RW25:DER_NNAVY

Graphic Depiction 1

MQO

