

DME DME Assessment Results for SWFFT3 path EDDDY_SWFFT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\EDDDY_SWFFT\KBNA SWFFT3 RNAV STAR EDDDY SWFFT 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
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
EDDDY	WP	N35° 54' 17.330000000", W083° 53' 41.720000000"	15000	VNAV	280	FLY_BY	TF
BAMMA	WP	N35° 41' 05.220000000", W085° 11' 55.470000000"	15000	VNAV	280	FLY_BY	TF
SWFFT	WP	N35° 33' 09.320000000", W085° 54' 37.840000000"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path EDDDY_SWFFT

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:	Not 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:	DOB,LSF,MXF,WRB

DME DME Assessment Results for SWFFT3 path EDDDY_SWFFT

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	13.5 %	13.5 %
2	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	59 %	59 %
3	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled	15.7 %	15.7 %
4	VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	H		NO	Enabled	89.7 %	89.7 %
5	SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	L		NO	Enabled	15.9 %	15.9 %
6	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	94.1 %	94.1 %
7	RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	H		NO	Enabled	100 %	100 %
8	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
9	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
10	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
11	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SOT	GQO	RMG	HCH		
10.3	SOT	GQO	RMG	HCH	VXV	
13.9	SOT	RMG	HCH	VXV	BWG	
16.1	RMG	HCH	VXV	BWG		
50.4	RMG	VXV	BWG			
56.3	RMG	VXV	BWG	HCH		
73.1	RMG	VXV	HCH			
87.1	RMG	HCH	SYI	VXV		
98.7	GQO	HCH	RMG	SYI	VXV	

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
EDDDY	BAMMA	BWG, GQO, VXV, SOT, HCH, RMG	
BAMMA	SWFFT	SYI, BWG, GQO, VXV, HCH, RMG	

DME DME Assessment Results for SWFFT3 path EDDY_SWFFT

User Data Files

File Name

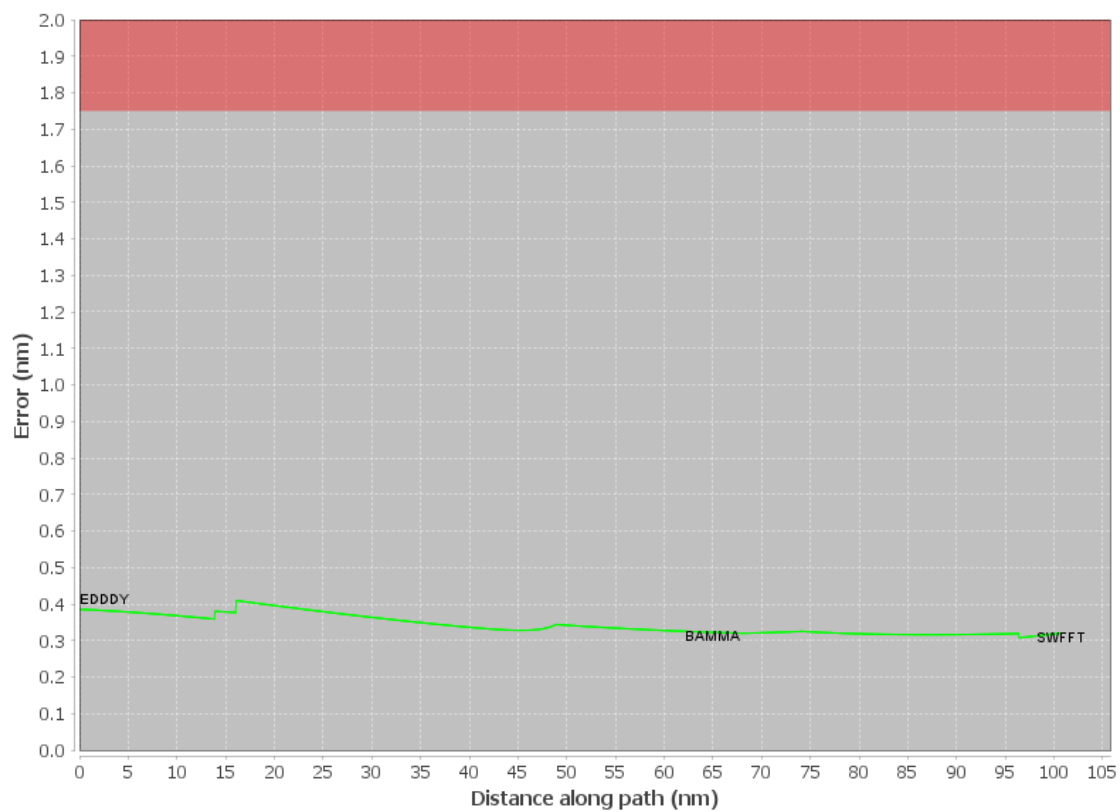
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		

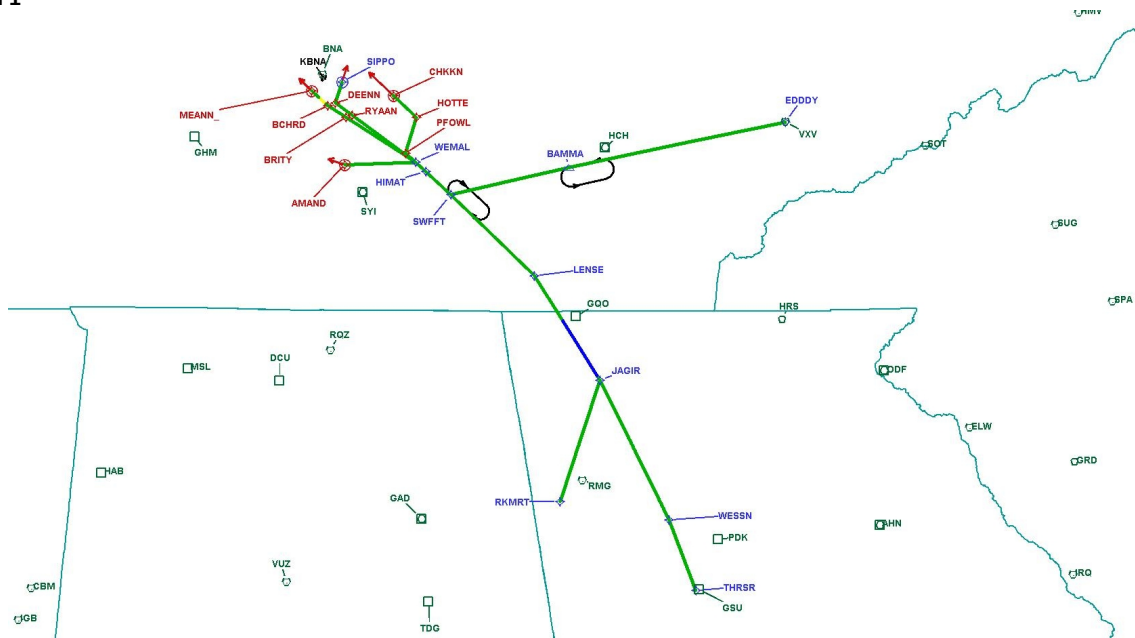
DME DME Assessment Results for SWFFT3 path EDDDY_SWFFT

DME Error

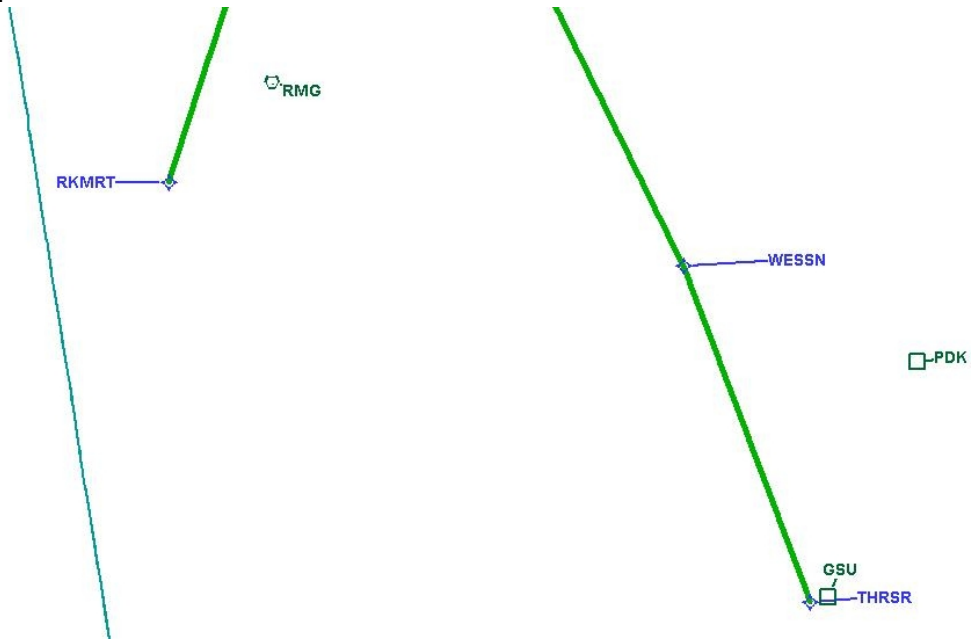


DME DME Assessment Results for SWFFT3 path EDDY_SWFFT

Graphic Depiction 1

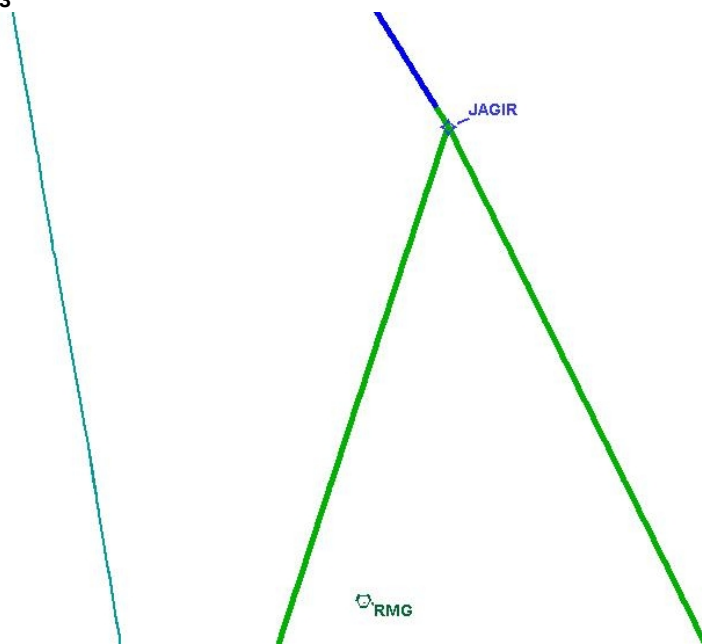


Graphic Depiction 2



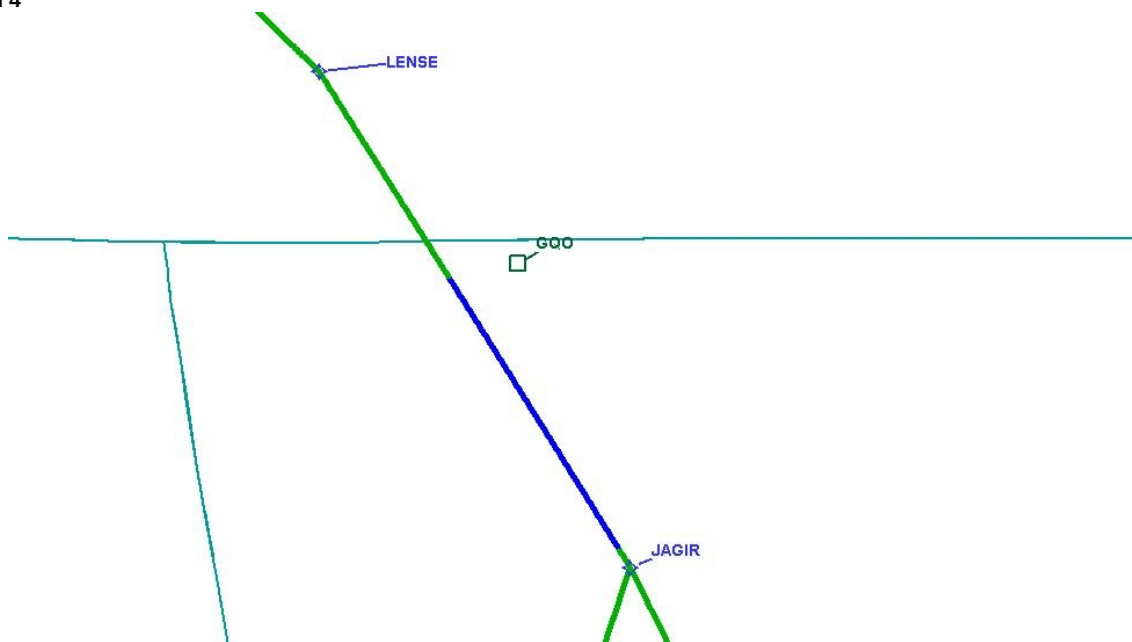
DME DME Assessment Results for SWFFT3 path EDDY_SWFFT

Graphic Depiction 3



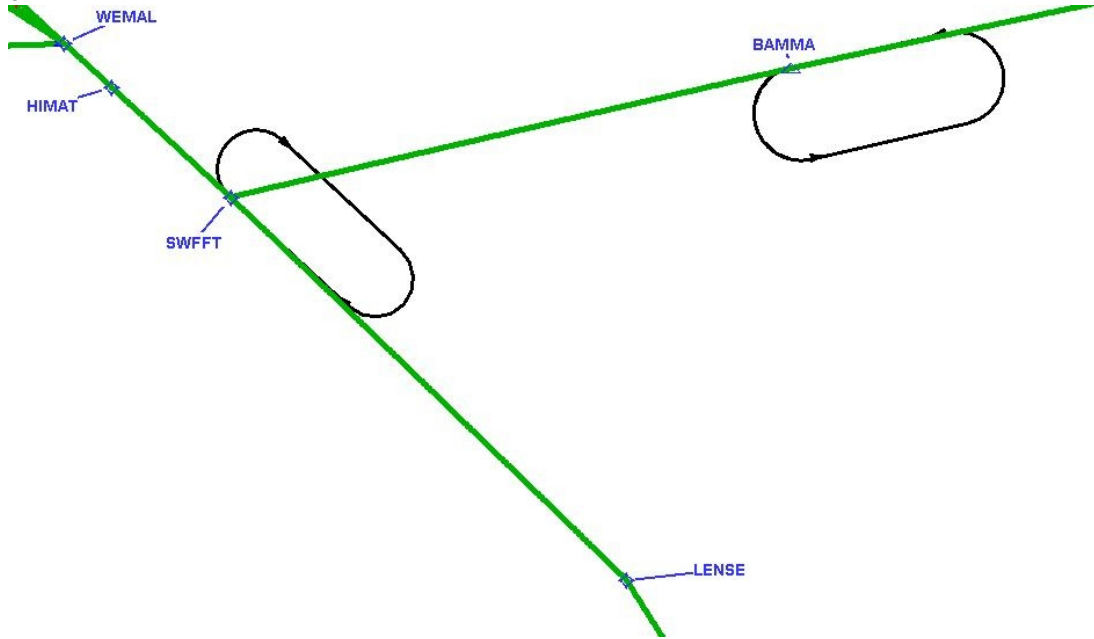
DME DME Assessment Results for SWFFT3 path EDDDY_SWFFT

Graphic Depiction 4



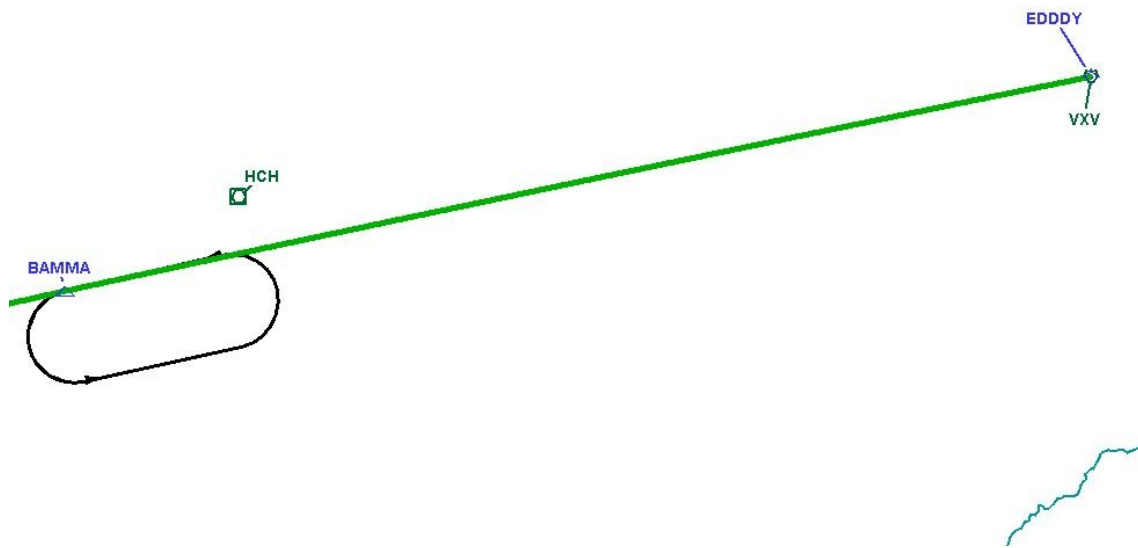
DME DME Assessment Results for SWFFT3 path EDDY_SWFFT

Graphic Depiction 5



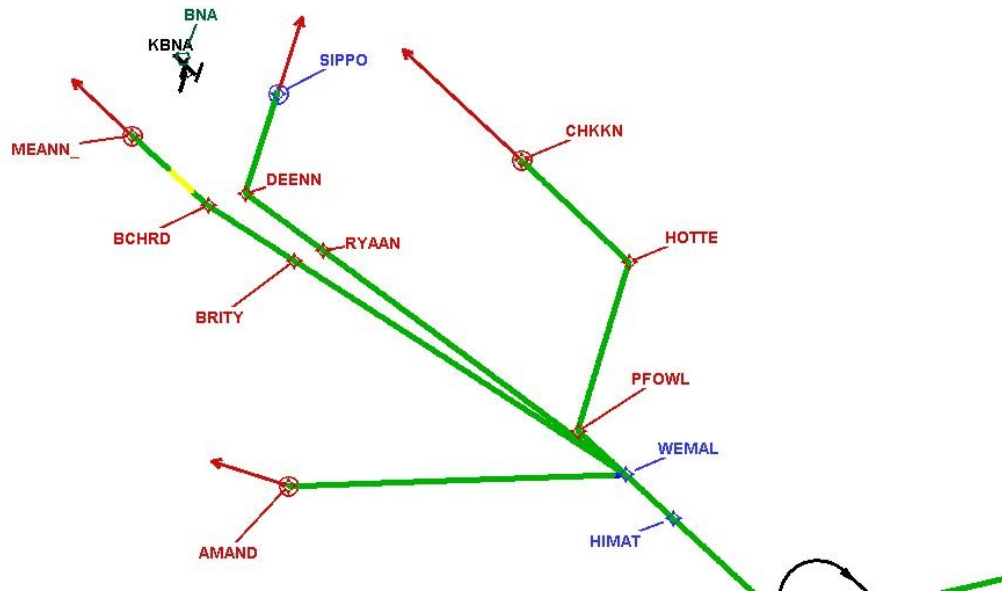
DME DME Assessment Results for SWFFT3 path EDDY_SWFFT

Graphic Depiction 6



DME DME Assessment Results for SWFFT3 path EDDY_SWFFT

Graphic Depiction 7



DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\RKMRT_JAGIR\KBNA SWFFT3 RNAV STAR RKMRT JAGIR 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
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
RKMRT	WP	N34° 03' 36.730000000", W085° 15' 02.630000000"	16000	VNAV	280	FLY_BY	TF
JAGIR	WP	N34° 39' 01.510000000", W085° 00' 41.480000000"	16000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path RKMRT_JAGIR

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:	Not 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:	DOB,LSF,MXF,WRB

DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled	100 %	100 %
2	VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	H		NO	Enabled	16 %	16 %
3	AHN	N33° 56' 51.336900000", W083° 19' 29.131600000"	0.0 E	130	H		NO	Enabled	100 %	100 %
4	GSU	N33° 38' 00.830000000", W084° 24' 43.880000000"	-0.0 E	130	H		NO	Enabled	100 %	100 %
5	LGC	N33° 02' 56.827600000", W085° 12' 22.397200000"	1.0 E	130	H		NO	Enabled	100 %	100 %
6	VUZ	N33° 40' 12.476400000", W086° 53' 59.413800000"	2.0 E	130	H		NO	Enabled	49.8 %	49.8 %
7	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	100 %	100 %
8	RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	H		NO	Enabled	84 %	84 %
9	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
10	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
11	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
12	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GSU	RMG	GQO	LGC	VUZ	AHN
5.0	AHN	GQO	LGC	VUZ	GSU	HCH
18.6	AHN	GQO	RMG	LGC	HCH	GSU

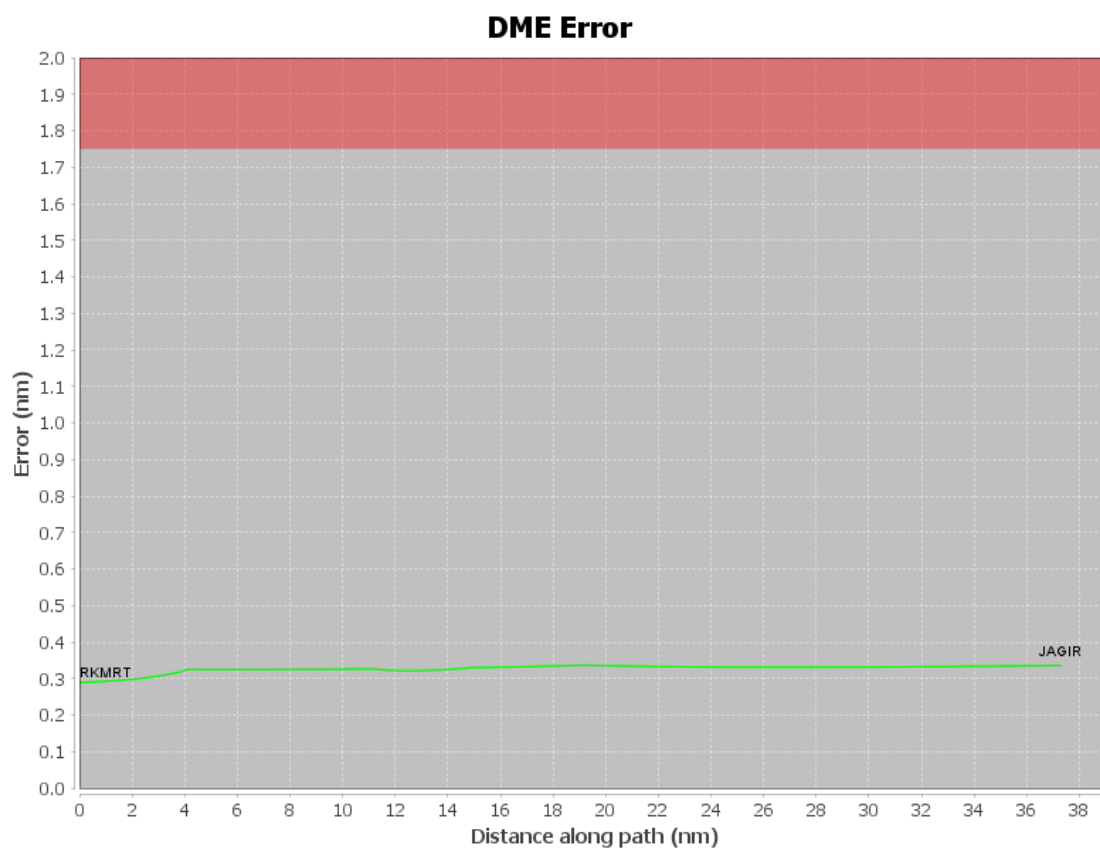
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RKMRT	JAGIR	GQO, VXV, AHN, GSU, LGC, VUZ, HCH, RMG	

DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

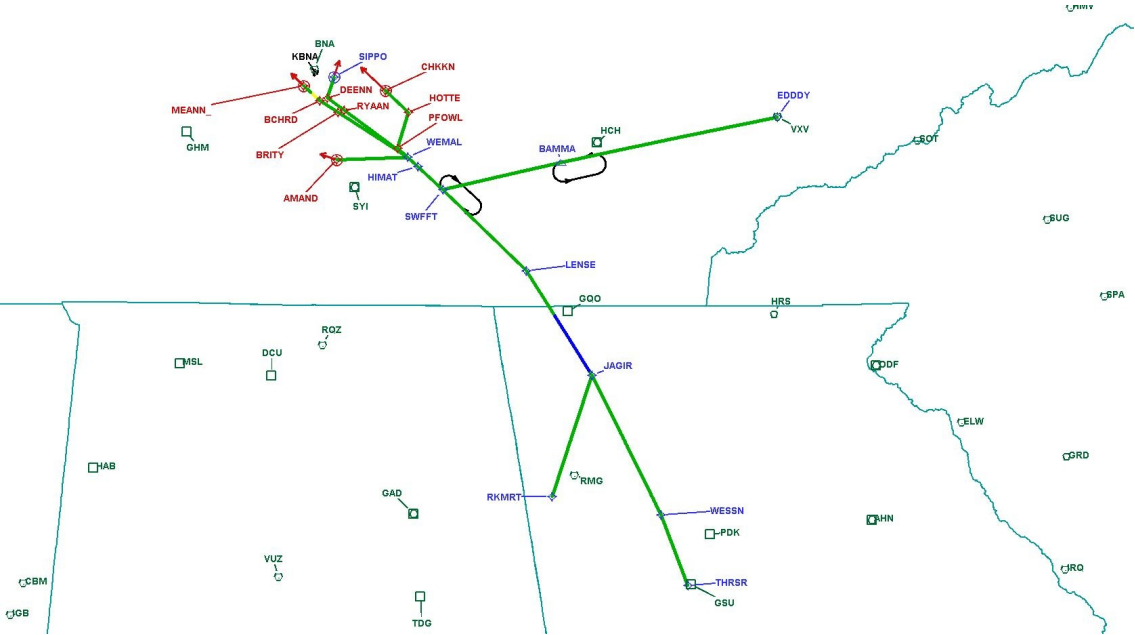
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		

DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR



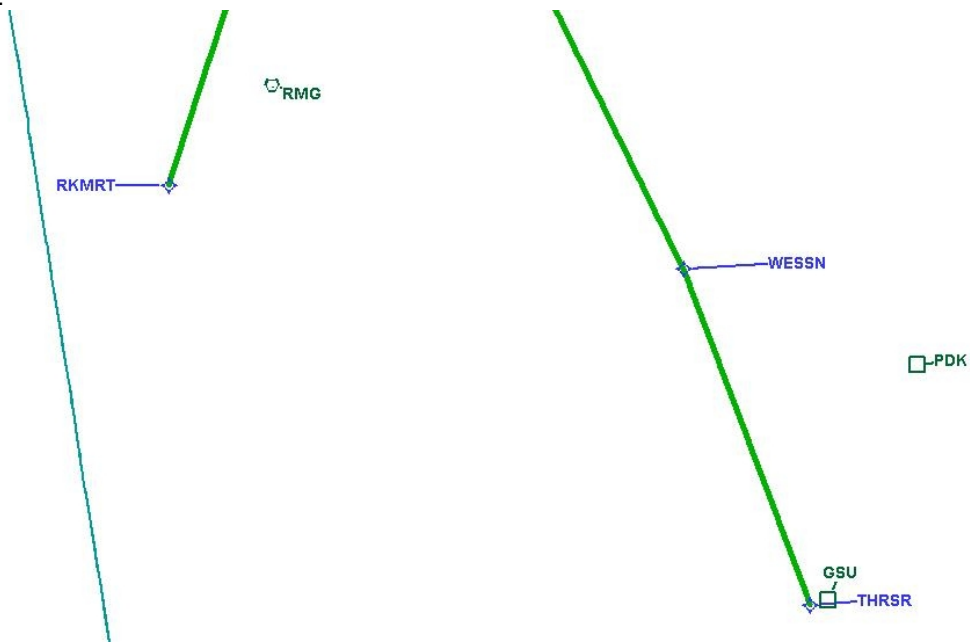
DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 1



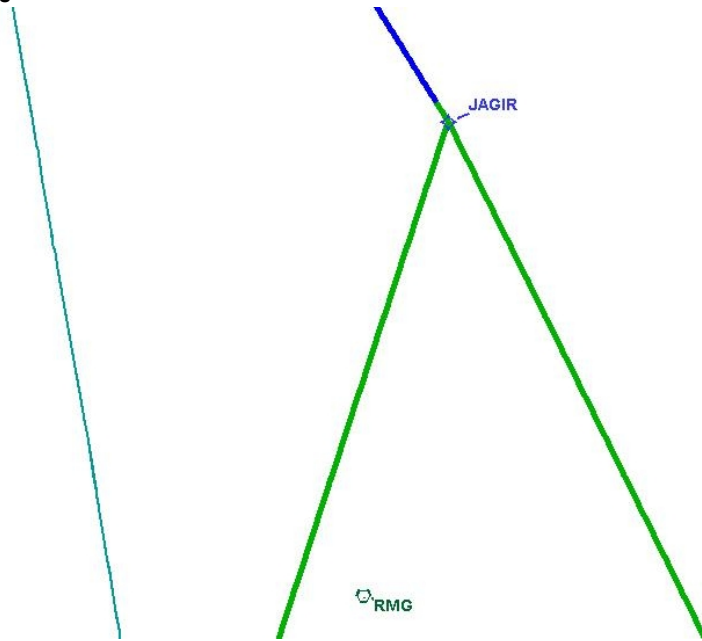
DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 2



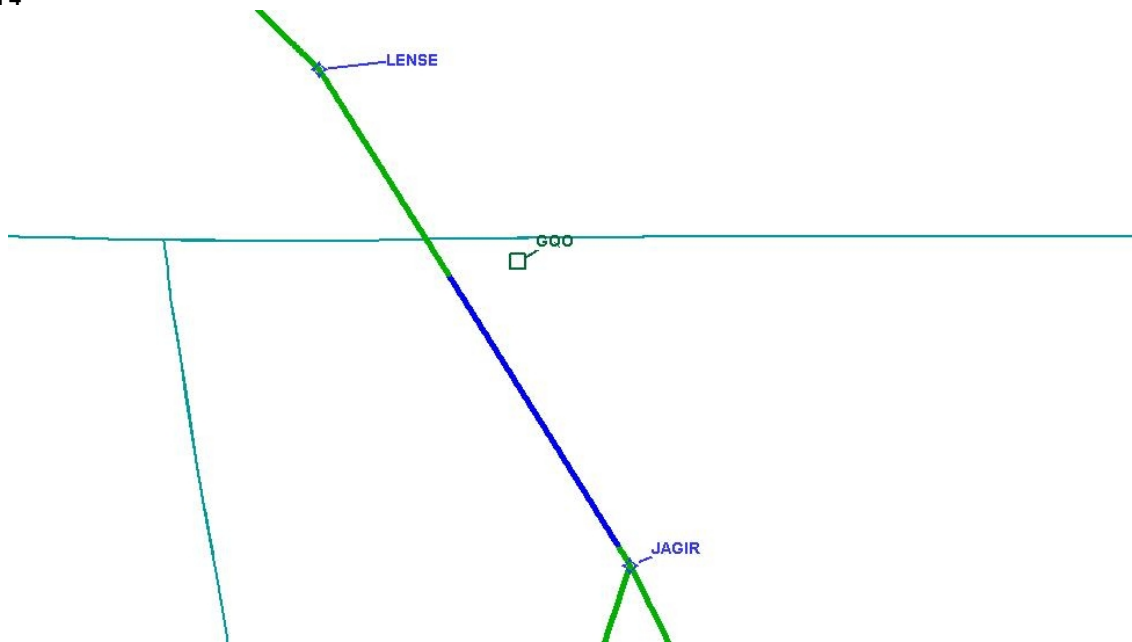
DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 3



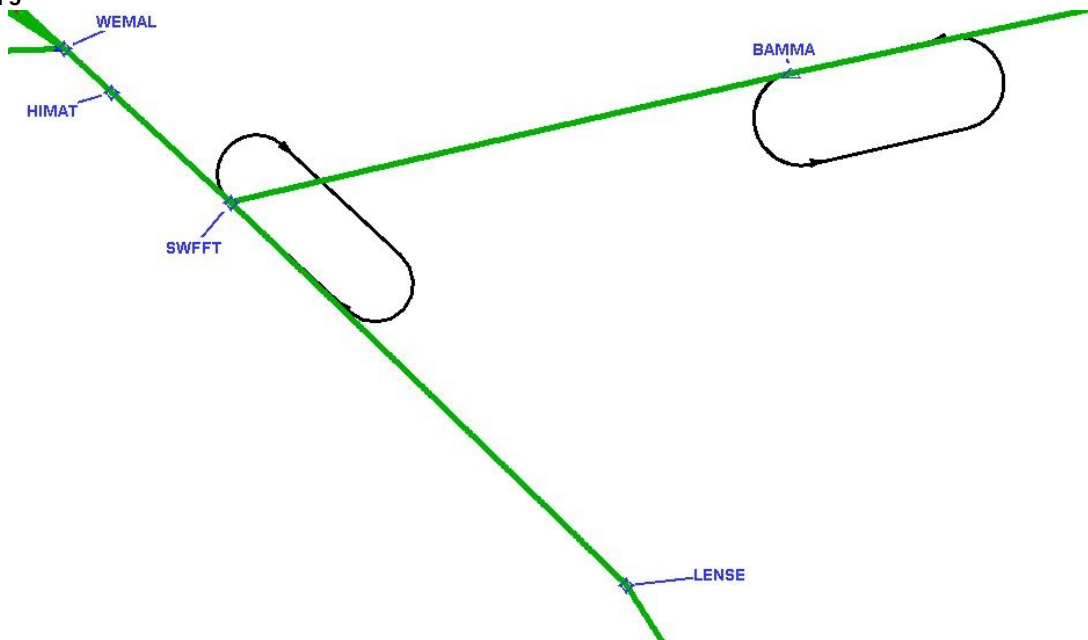
DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 4



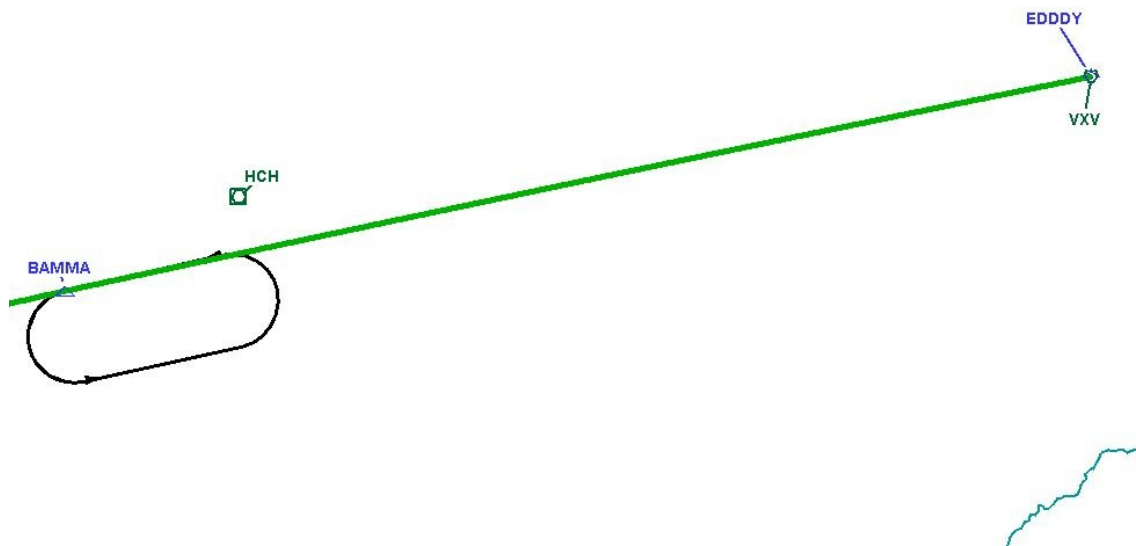
DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 5



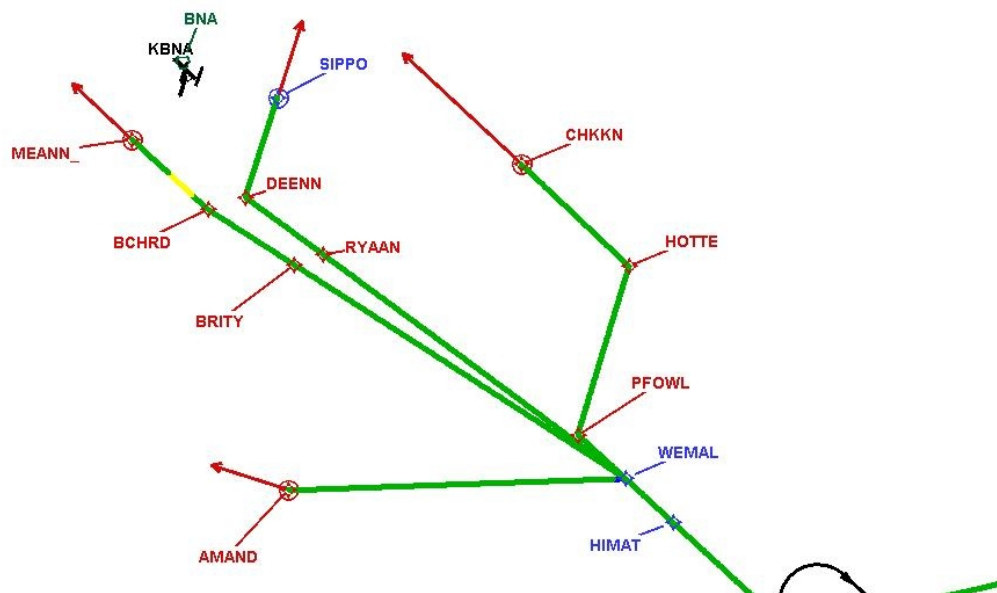
DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 6



DME DME Assessment Results for SWFFT3 path RKMRT_JAGIR

Graphic Depiction 7



DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\THRSR_CHKKN\KBNA SWFFT3 RNAV STAR THRSR CHKKN 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
THRSR	WP	N33° 37' 45.260000000", W084° 26' 06.360000000"	16000	VNAV	280	FLY_BY	TF
WESSN	WP	N33° 58' 25.070000000", W084° 35' 46.710000000"	16000	VNAV	280	FLY_BY	TF
JAGIR	WP	N34° 39' 01.510000000", W085° 00' 41.480000000"	16000	VNAV	280	FLY_BY	TF
LENSE	WP	N35° 09' 33.550000000", W085° 24' 24.890000000"	15000	VNAV	280	FLY_BY	TF
SWFFT	WP	N35° 33' 09.320000000", W085° 54' 37.840000000"	11000	VNAV	280	FLY_BY	TF
HIMAT	WP	N35° 39' 54.990000000", W086° 03' 40.900000000"	11000	VNAV	280	FLY_BY	TF
WEMAL	WP	N35° 42' 37.310000000", W086° 07' 18.620000000"	10000	VNAV	280	FLY_BY	TF
PFOWL	WP	N35° 45' 19.173575193", W086° 10' 56.120368114"	10000	VNAV	250	FLY_BY	TF
HOTTE	WP	N35° 55' 41.492166027", W086° 07' 01.557472791"	8000	VNAV	230	FLY_BY	TF
CHKKN	WP	N36° 01' 58.730398667", W086° 15' 15.472193499"	8000	VNAV	210	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path THRSR_CHKKN

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:	Not 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:	DOB,LSF,MXF,WRB

DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	31.2 %	29.9 %
2	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled	65.8 %	67.1 %
3	AHN	N33° 56' 51.336900000", W083° 19' 29.131600000"	0.0 E	130	H		NO	Enabled	38.5 %	39.2 %
4	GSU	N33° 38' 00.830000000", W084° 24' 43.880000000"	-0.0 E	130	H		NO	Enabled	36.5 %	37.2 %
5	LGC	N33° 02' 56.827600000", W085° 12' 22.397200000"	1.0 E	130	H		NO	Enabled	38.3 %	39.1 %
6	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	87.4 %	87.2 %
7	RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	H		NO	Enabled	70.8 %	72.2 %
8	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	2.7 %	2.3 %
9	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	11.2 %	11.4 %
10	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	16.5 %	14.9 %
11	VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	H		NO	Enabled	29.7 %	30.2 %
12	PDK	N33° 52' 32.274200000", W084° 17' 55.729600000"	0.0 E	40	L		NO	Enabled	26.4 %	27 %
13	MCN	N32° 41' 28.266400000", W083° 38' 49.860100000"	0.0 E	130	H		NO	Enabled	17.4 %	17.8 %
14	PZD	N31° 39' 18.741000000", W084° 17' 35.161700000"	2.0 W	130	DH		NO	Enabled	5.9 %	6 %
15	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
16	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
17	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
18	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LGC	RMG	MCN	AHN	PDK	GQO
31.3	LGC	PDK	RMG	AHN	GQO	GSU
47.5	GSU	RMG	GQO	AHN	LGC	HCH
68.0	AHN	RMG	HCH	LGC	GSU	
68.7	AHN	RMG	HCH	LGC		
68.8	AHN	RMG	HCH			
69.0						
88.8	RMG	VXV	HCH			
90.2	GQO	HCH	RMG	VXV		
91.8	GQO	HCH	RMG	VXV	BWG	
111.9	GQO	HCH	RMG	VXV		
123.3	GQO	HCH	RMG	VXV	SYI	
126.5	RMG	HCH	VXV	SYI		
134.6	RMG	HCH	SYI			
140.7	GQO	HCH	RMG	SYI		
146.9	GQO	SYI	HCH			
149.7	GQO	SYI	BNA	HCH		
154.6	SYI	BNA	HCH			
172.0	SYI	BNA	HCH	GHM		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 40' 12.363911380", W085° 01' 36.136838017"	N34° 56' 51.436990993", W085° 14' 30.175996355"	19.728

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
THRSR	WESSN	GQO, PDK, AHN, GSU, MCN, LGC, PZD, HCH, RMG	
WESSN	JAGIR	GQO, VXV, PDK, AHN, GSU, LGC, MCN, HCH, RMG	
JAGIR	LENSE	BWG, GQO, VXV, AHN, GSU, LGC, HCH, RMG	
LENSE	SWFFT	SYI, BWG, GQO, VXV, HCH, RMG	
SWFFT	HIMAT	SYI, GQO, HCH, RMG	
HIMAT	WEMAL	SYI, GQO, BNA, HCH	
WEMAL	PFOWL	SYI, BNA, GQO, HCH	
PFOWL	HOTTE	SYI, BNA, HCH	
HOTTE	CHKKN	SYI, BNA, HCH, GHM	

DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

User Data Files

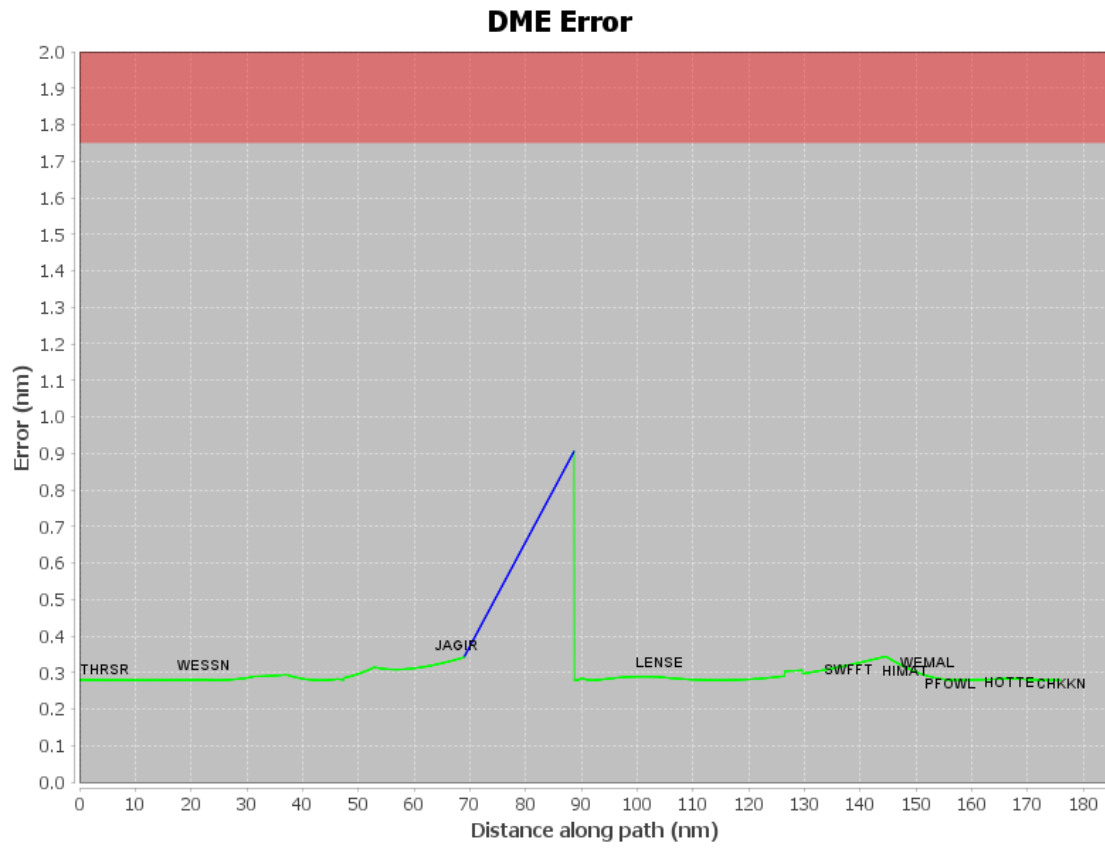
File Name

None

User DMEs

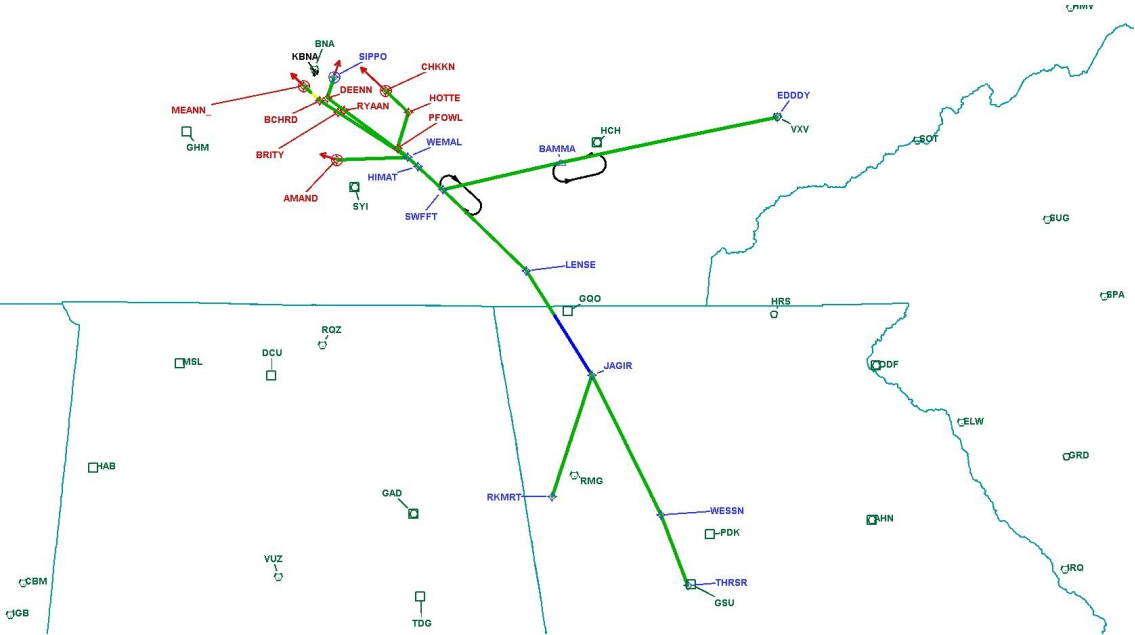
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		

DME DME Assessment Results for SWFFT3 path THRSR_CHKKN



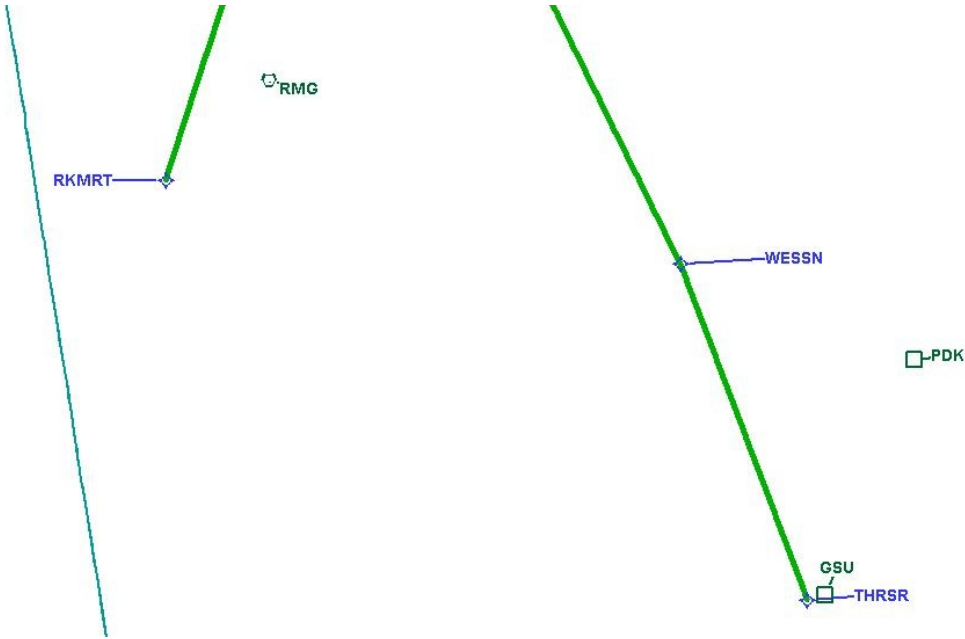
DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Graphic Depiction 1

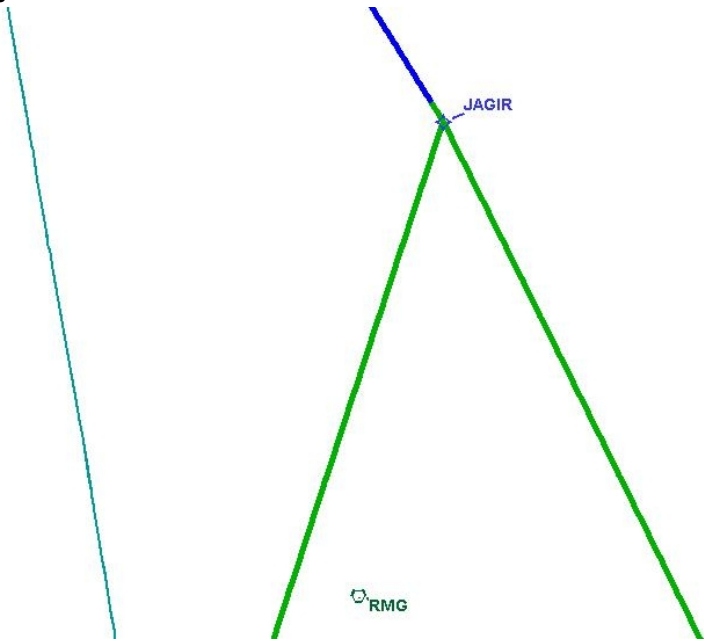


DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Graphic Depiction 2

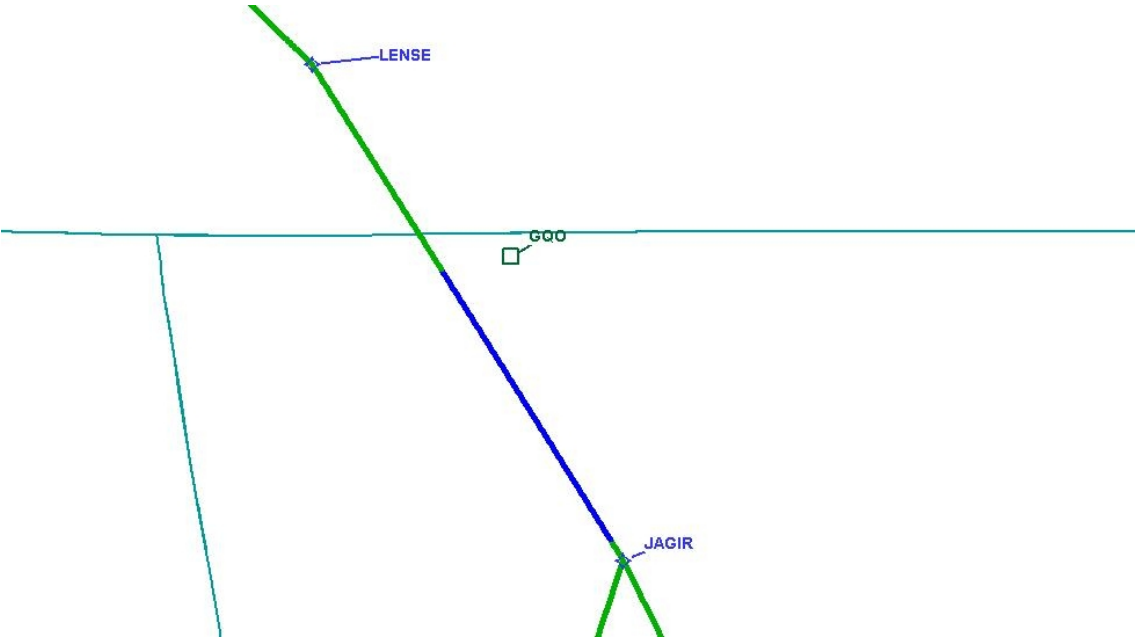


Graphic Depiction 3



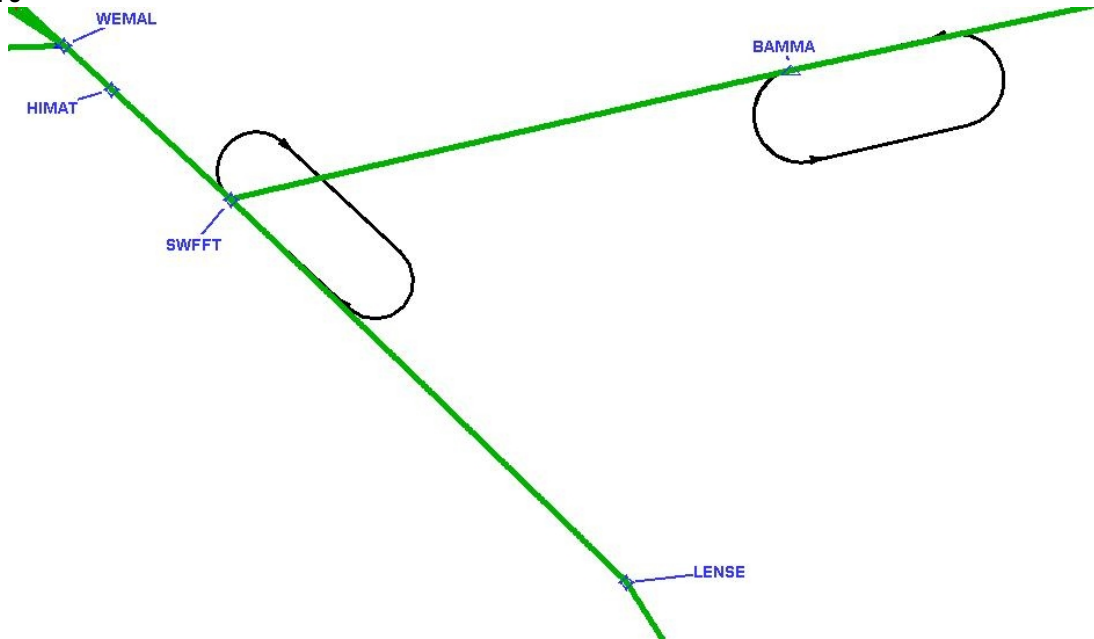
DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Graphic Depiction 4

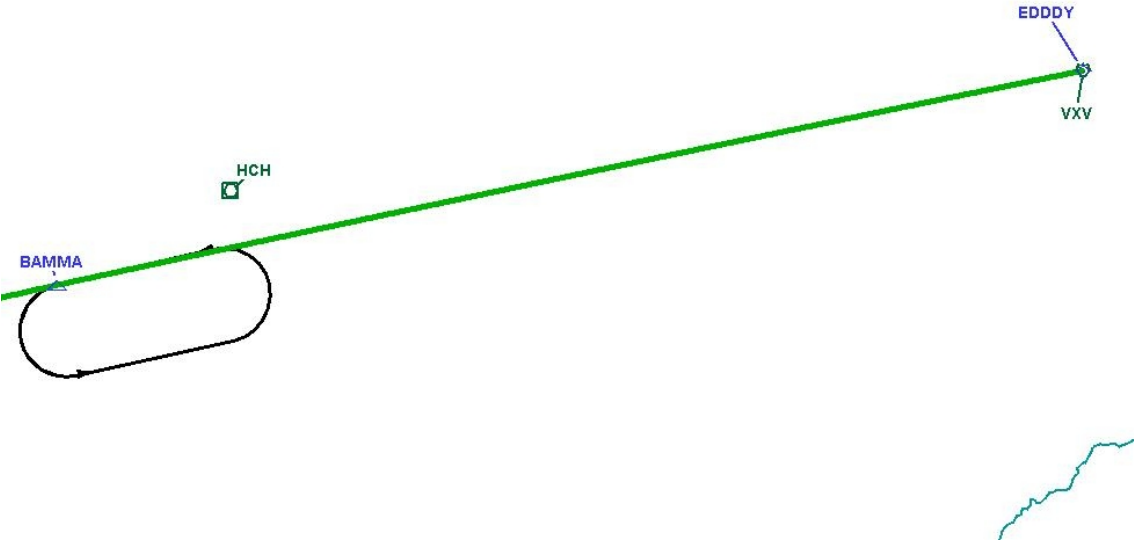


DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Graphic Depiction 5

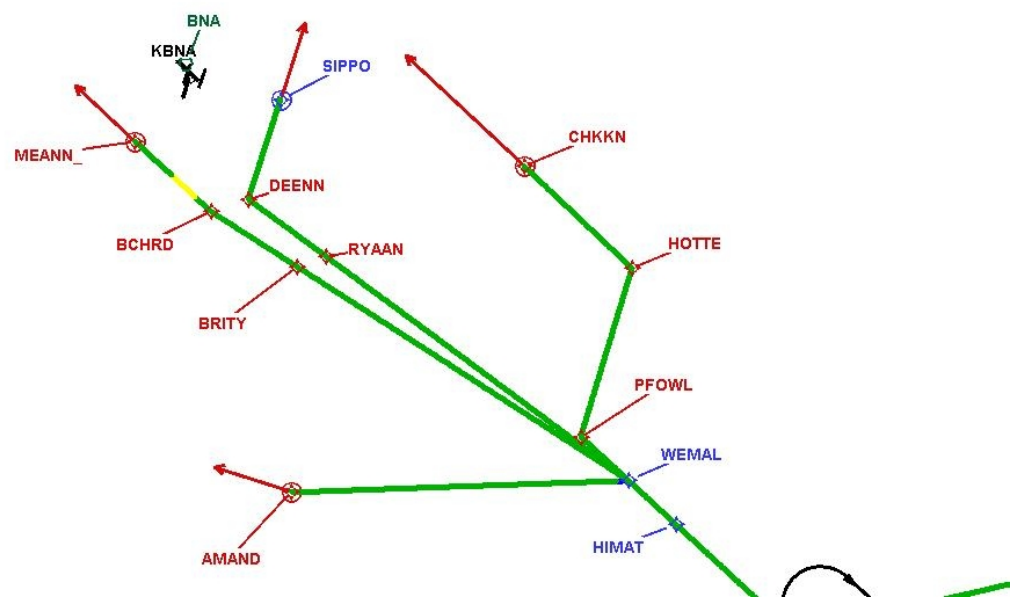


Graphic Depiction 6



DME DME Assessment Results for SWFFT3 path THRSR_CHKKN

Graphic Depiction 7



DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\WEMAL_AMAND\KBNA SWFFT3 RNAV STAR WEMAL AMAND 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
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
WEMAL	WP	N35° 42' 37.310000000", W086° 07' 18.620000000"	10000	VNAV	280	FLY_BY	TF
AMAND	WP	N35° 41' 54.184116807", W086° 32' 59.216347727"	6000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path WEMAL_AMAND

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:	Not 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:	DOB,LSF,MXF,WRB

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	91.9 %	91.9 %
2	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	4.1 %	4.1 %
3	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	97 %	97 %
4	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled		
5	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	29.6 %	29.6 %
6	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	95.6 %	95.6 %
7	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
8	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
9	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
10	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	GQO	SYI	BNA	HCH		
0.1						
0.6	SYI	BNA	HCH			
0.9	SYI	BNA	HCH	GHM		
6.9	SYI	BNA	GHM			
15.9	GHM	SYI	BWG	BNA		
16.8	GHM	SYI	BNA			
19.9	GHM	BNA				

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N35° 42' 37.160381637", W086° 07' 24.326745067"	N35° 42' 36.110948523", W086° 08' 04.273794431"	0.5425

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
WEMAL	AMAND	SYI, BWG, BNA, GQO, HCH, GHM	

DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

User Data Files

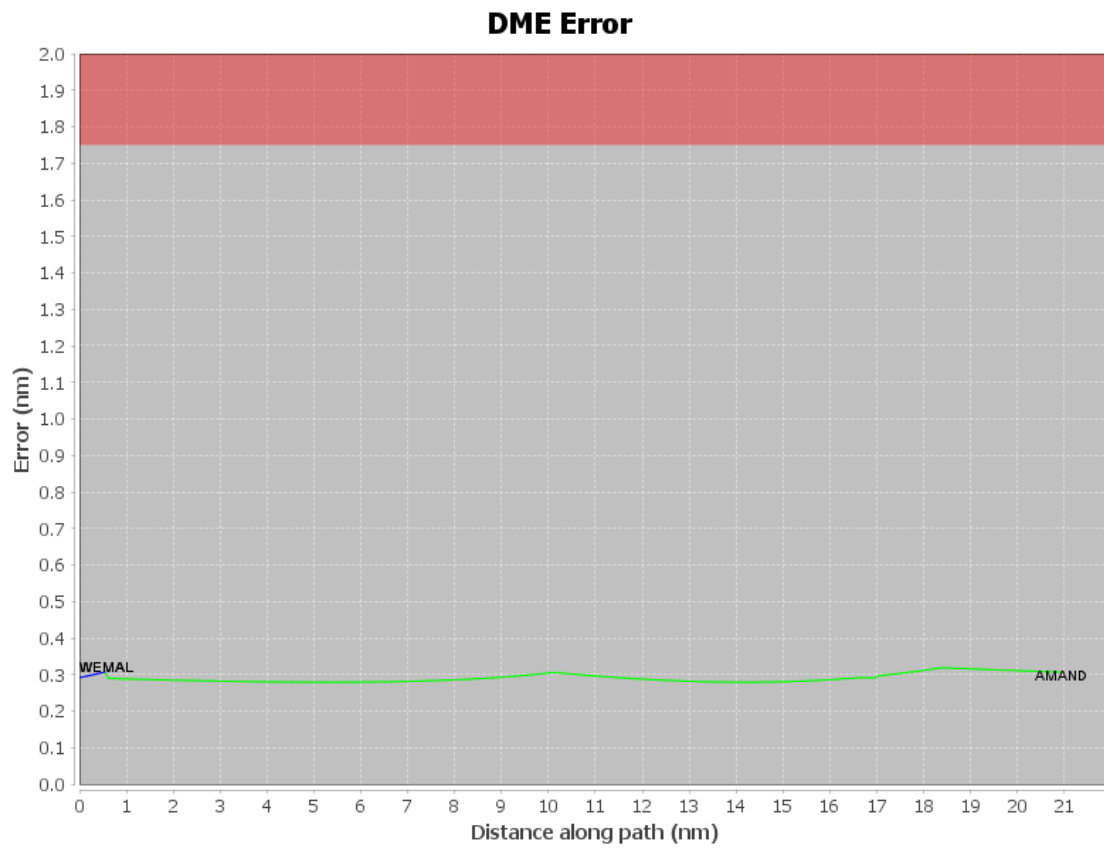
File Name

None

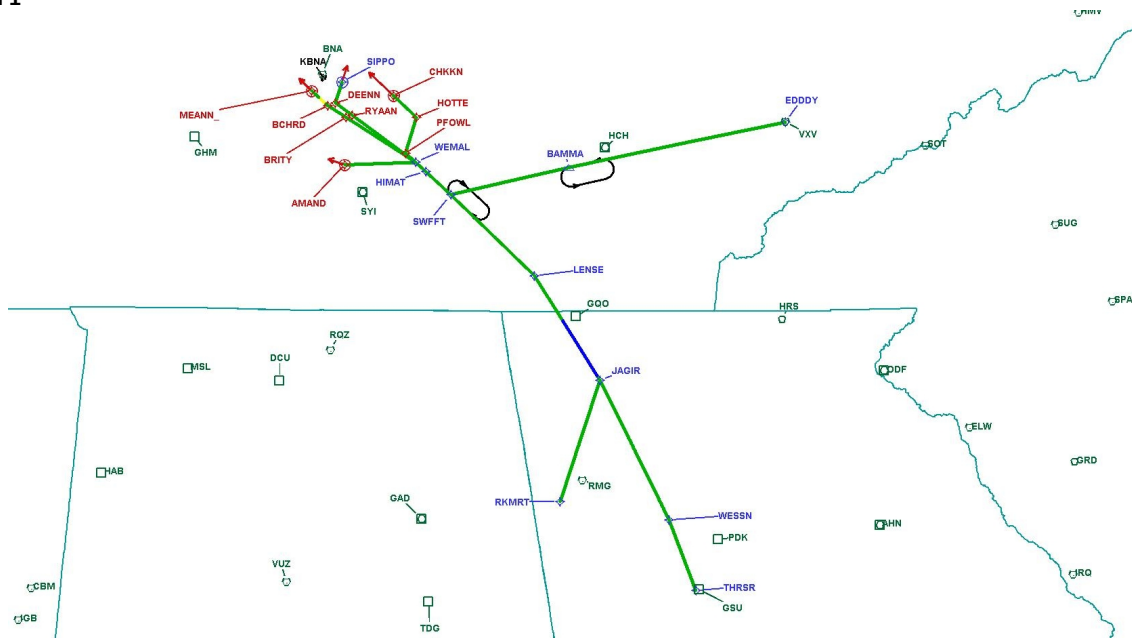
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		

DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

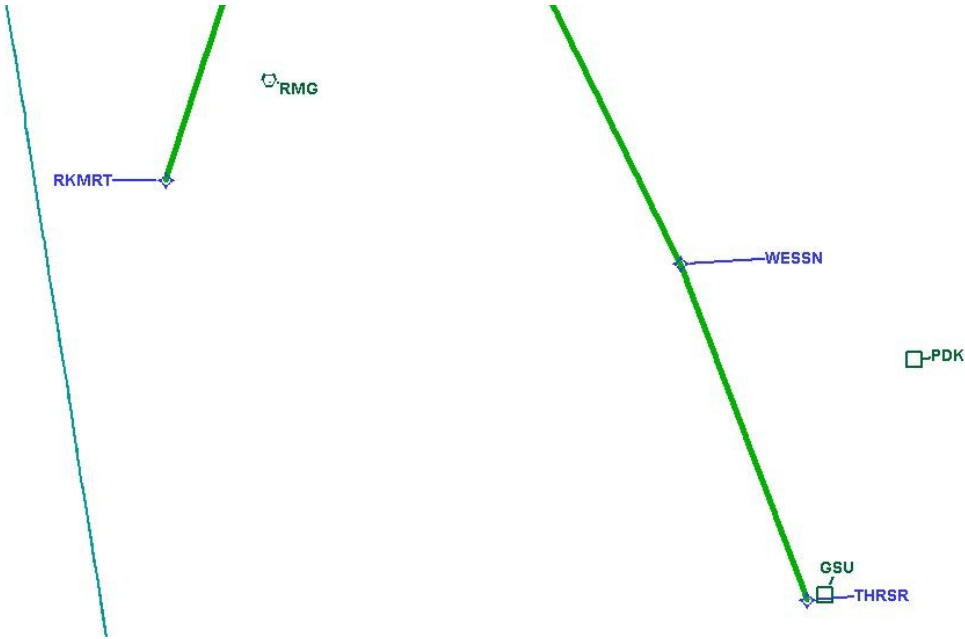


Graphic Depiction 1

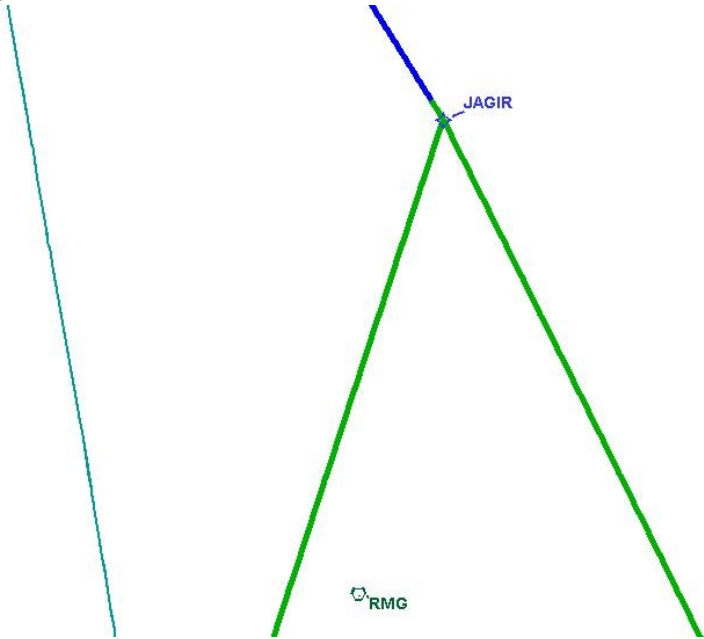


DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

Graphic Depiction 2

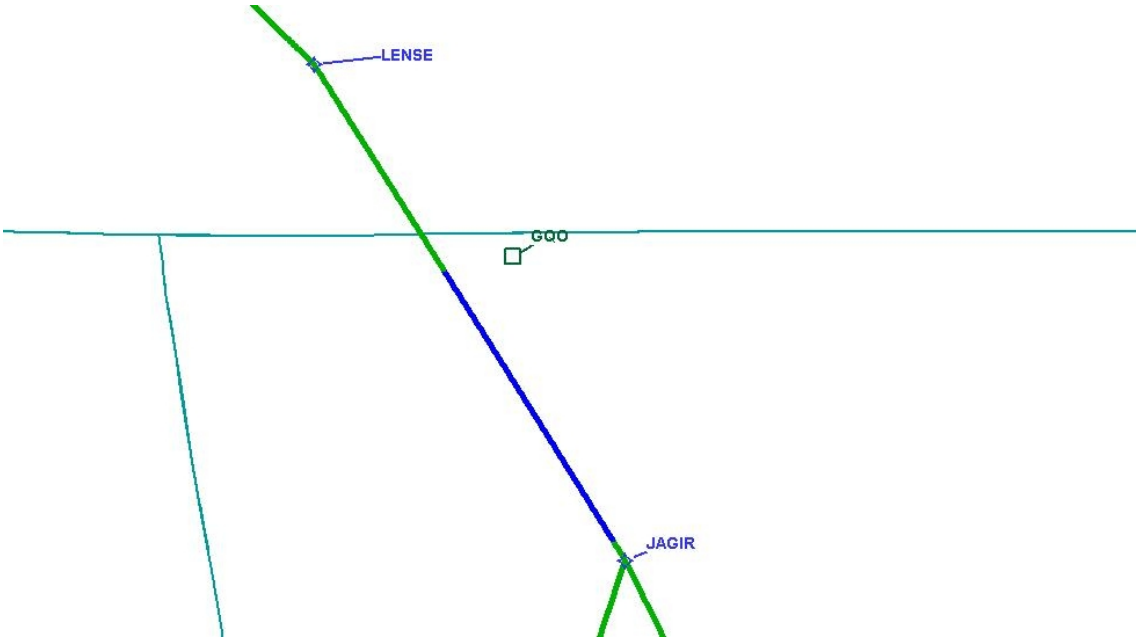


Graphic Depiction 3



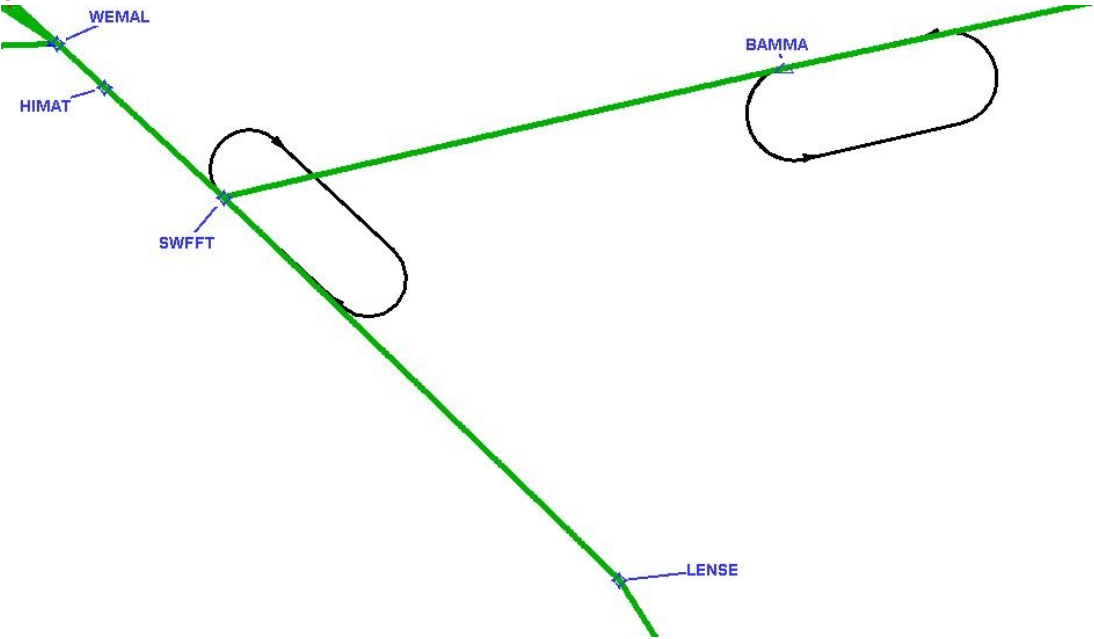
DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

Graphic Depiction 4

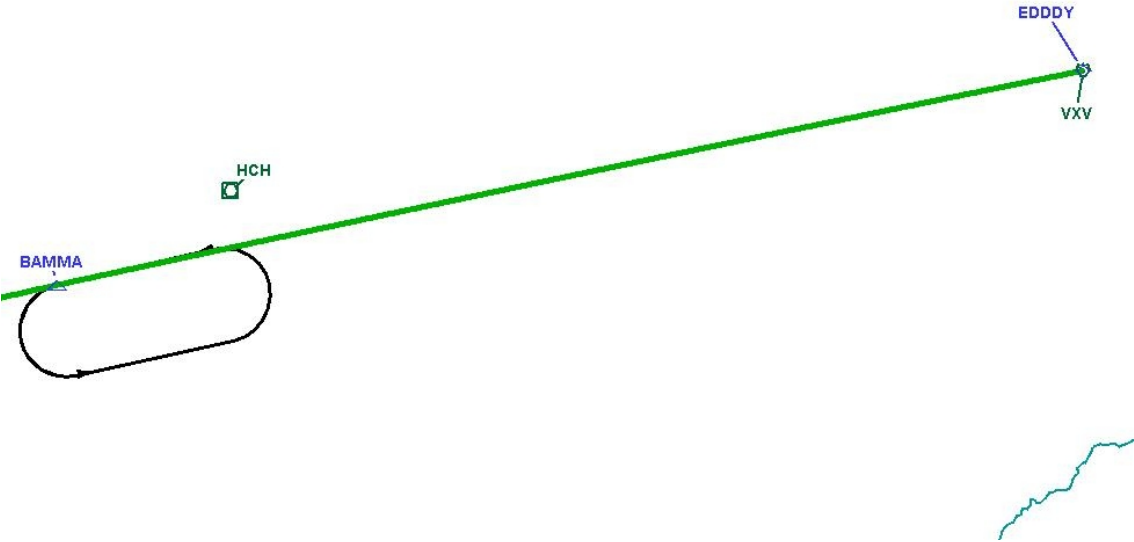


DME DME Assessment Results for SWFFT3 path WEMAL_AMAND

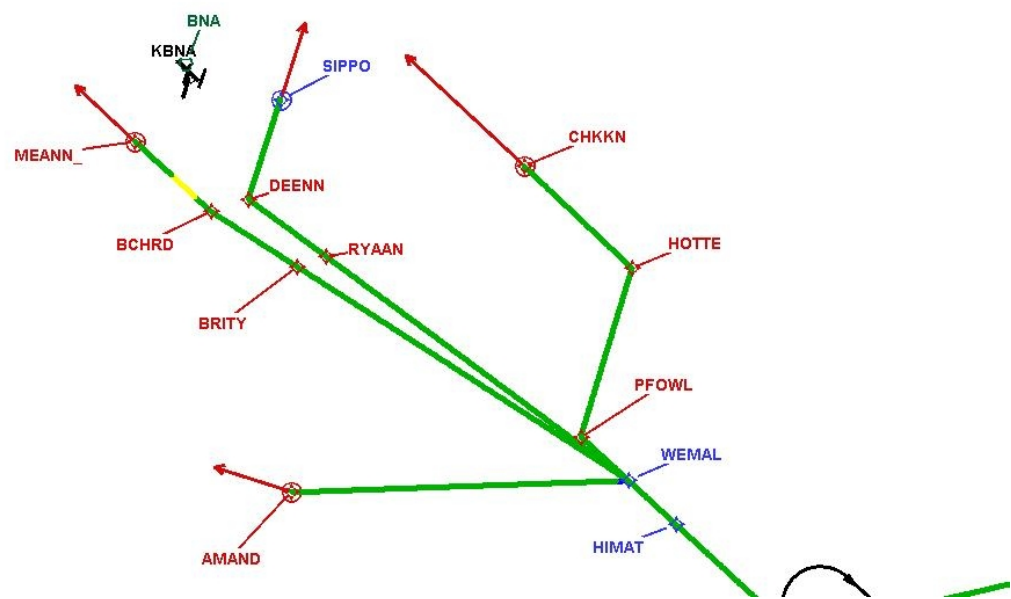
Graphic Depiction 5



Graphic Depiction 6



Graphic Depiction 7



DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\WEMAL_MEANN_KBNA SWFFT3 RNAV STAR WEMAL MEANN 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
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
WEMAL	WP	N35° 42' 37.310000000", W086° 07' 18.620000000"	10000	VNAV	280	FLY_BY	TF
BRITY	WP	N35° 55' 45.743841780", W086° 32' 31.641686208"	10000	VNAV	250	FLY_BY	TF
BCHRD	WP	N35° 59' 11.200669204", W086° 39' 08.983303622"	9000	VNAV	250	FLY_BY	TF
MEANN_	WP	N36° 03' 32.225374899", W086° 44' 58.029223628"	9000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path WEMAL_MEANN_

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:	Not 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:	DOB,LSF,MXF,WRB

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	100 %	100 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	95 %	95.4 %
3	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled	8.8 %	9.2 %
4	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	88.4 %	89.2 %
5	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	61.5 %	59.9 %
6	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
7	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
8	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
9	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	GQO	SYI	BNA	HCH		
2.3	SYI	BNA	GQO	HCH	GHM	
3.5	SYI	BNA	HCH			
16.0	SYI	HCH	GHM	BNA		
31.3	GHM	BNA	SYI			
32.0	GHM	SYI	BNA	HCH		
34.0	GHM	SYI	BNA			
35.5	GHM	SYI				

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
---	----------------	--------------	-------------

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
WEMAL	BRITY	SYI, BNA, GQO, HCH, GHM	
BRITY	BCHRD	SYI, BNA, HCH, GHM	
BCHRD	MEANN_	SYI, BNA, HCH, GHM	

User Data Files

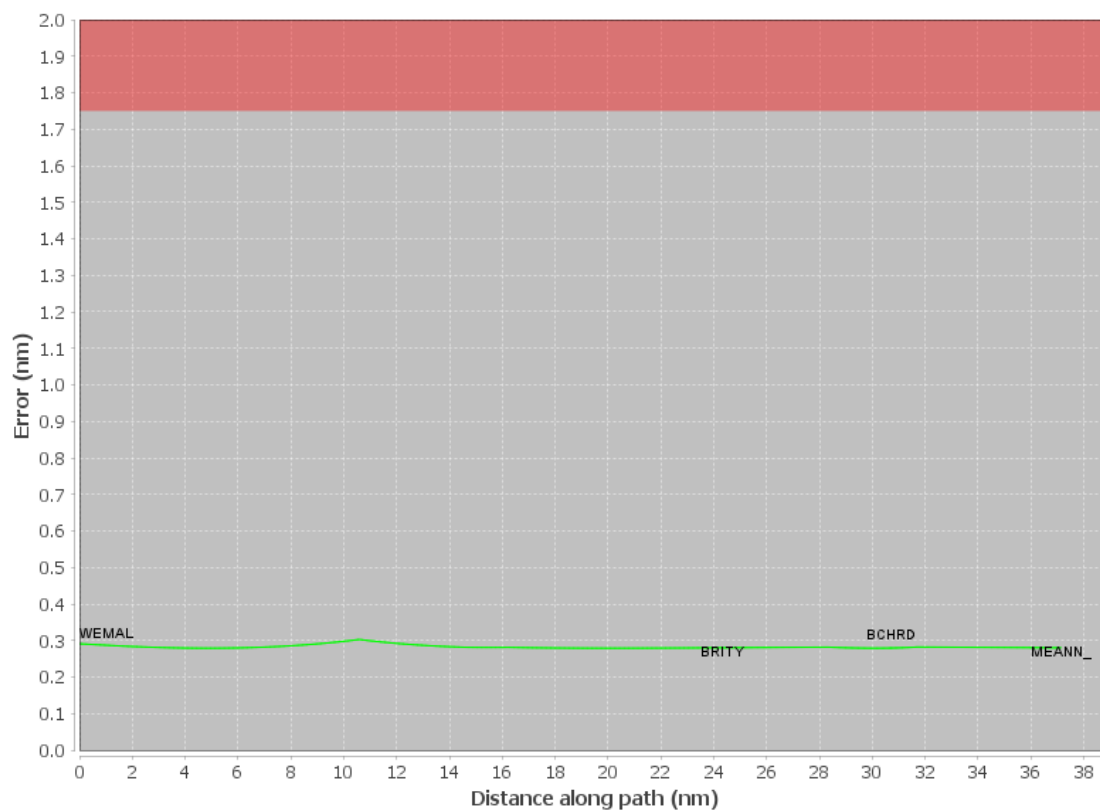
#	File Name
	None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		

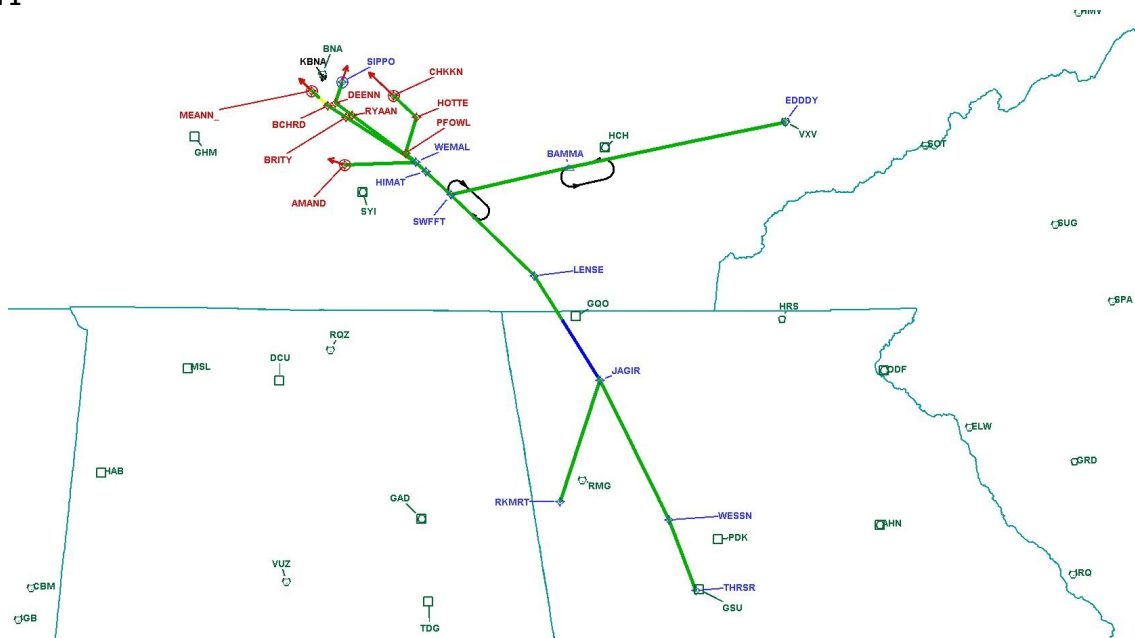
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

DME Error



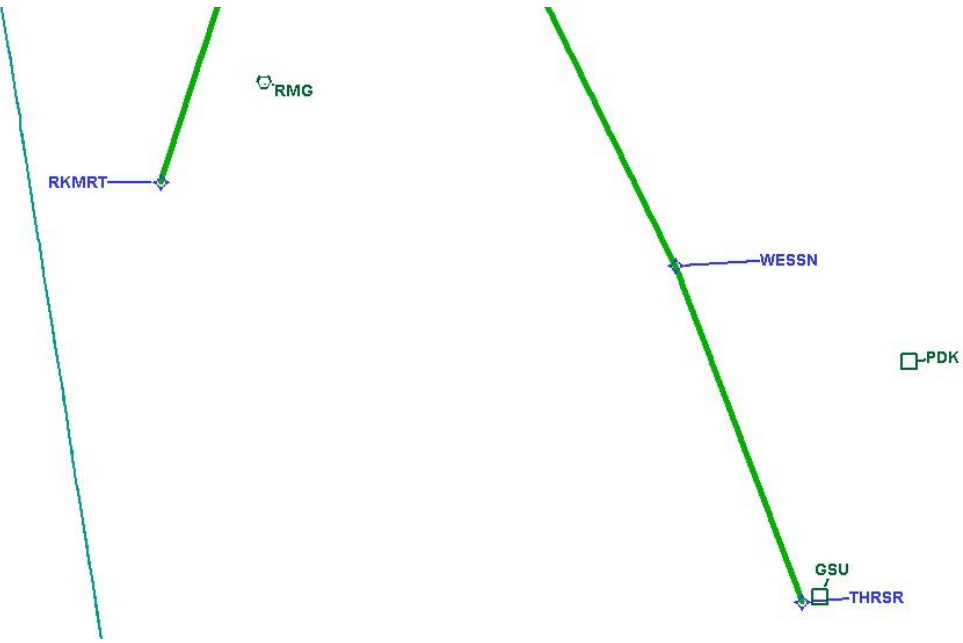
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 1



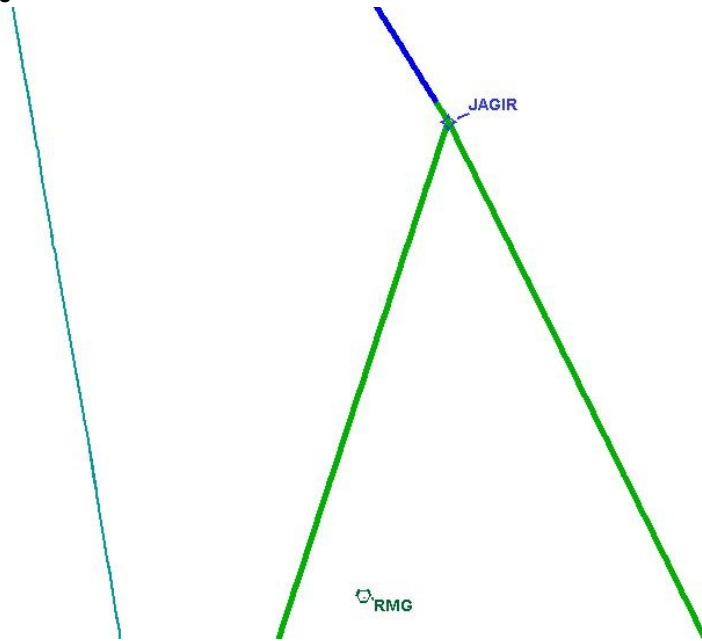
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 2



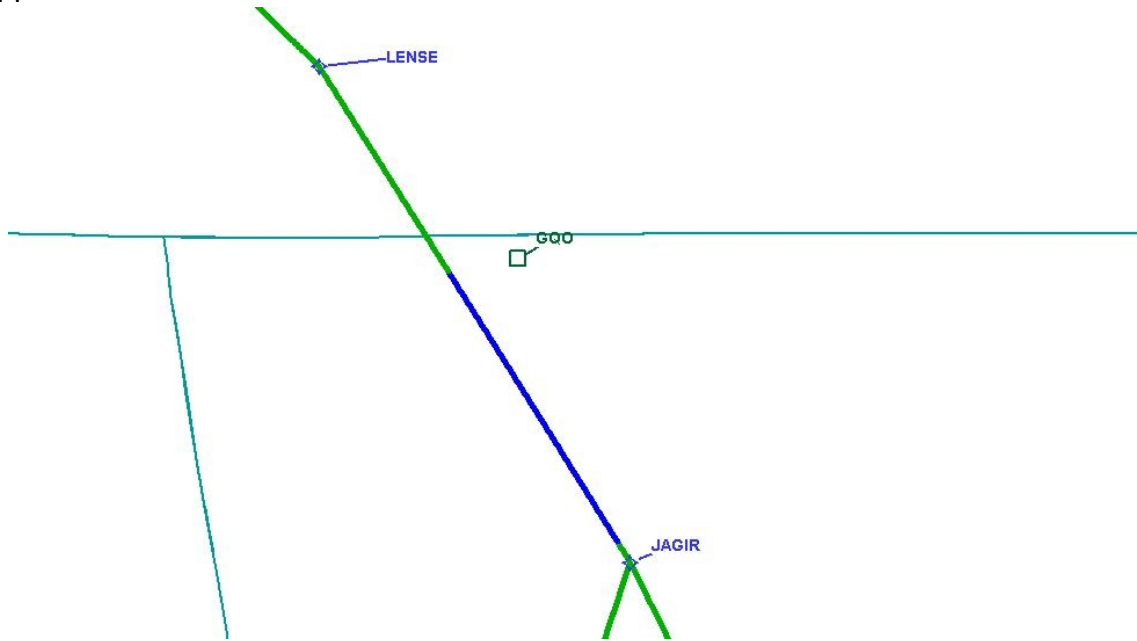
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 3



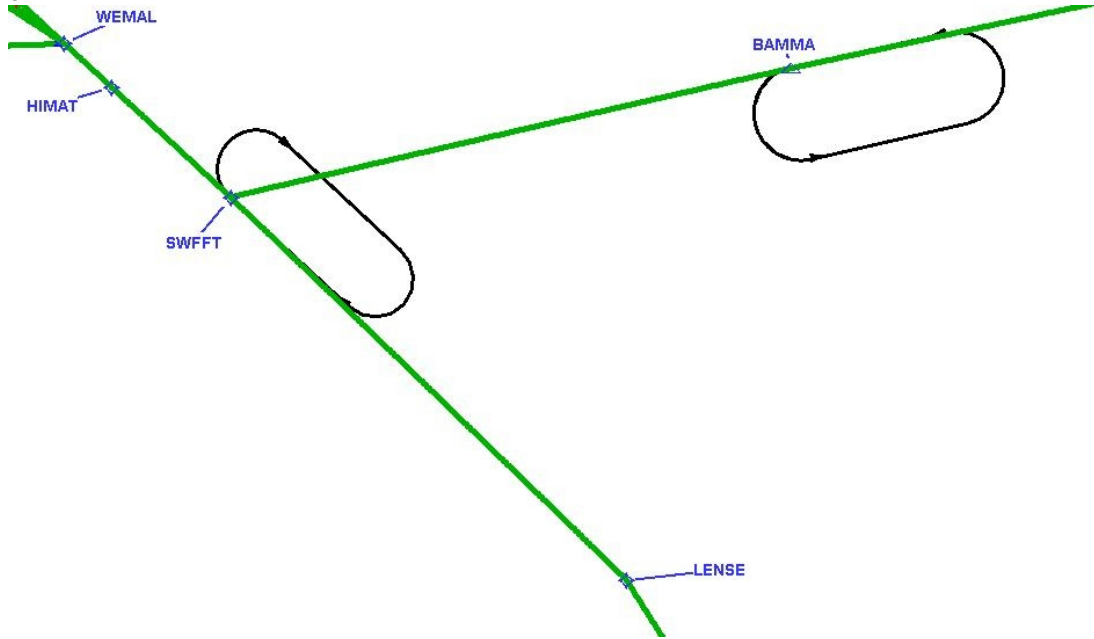
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 4



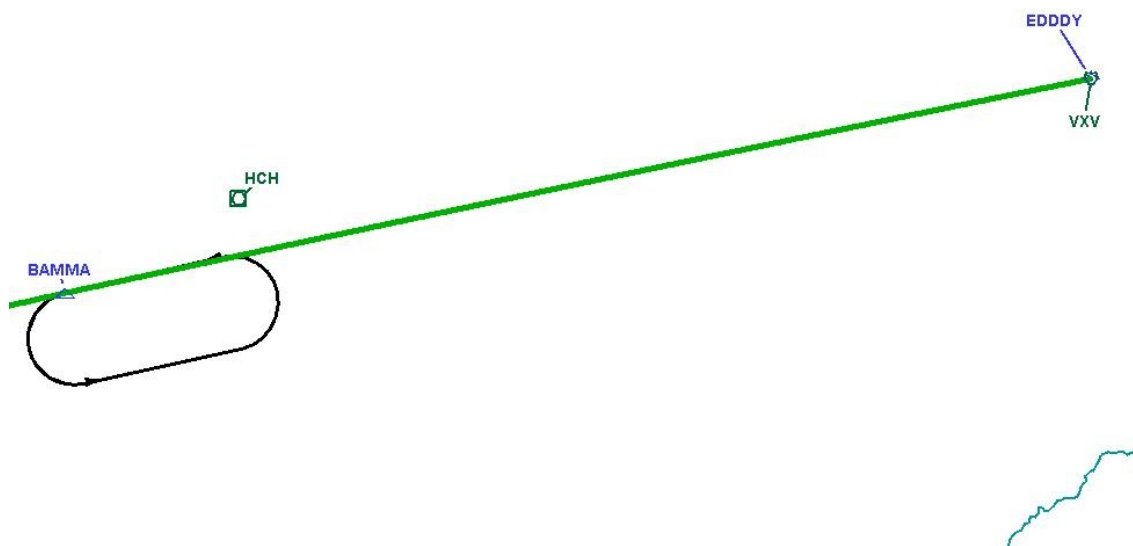
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 5



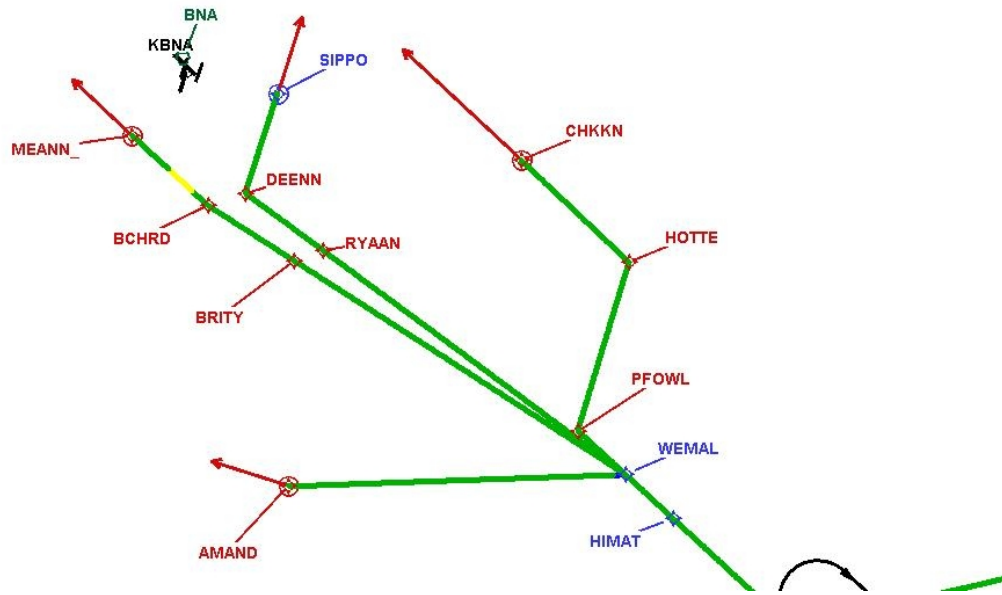
DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 6



DME DME Assessment Results for SWFFT3 path WEMAL_MEANN_

Graphic Depiction 7



DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\WEMAL_SIPPO\KBNA SWFFT3 RNAV STAR WEMAL SIPPO 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
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
WEMAL	WP	N35° 42' 37.310000000", W086° 07' 18.620000000"	10000	VNAV	280	FLY_BY	TF
RYAAN	WP	N35° 56' 23.995269766", W086° 30' 19.905757291"	10000	VNAV	250	FLY_BY	TF
DEENN	WP	N35° 59' 56.770570484", W086° 36' 17.931914406"	9000	VNAV	230	FLY_BY	TF
SIPPO	WP	N36° 06' 04.770000000", W086° 33' 50.610000000"	8000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path WEMAL_SIPPO

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:	Not 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:	DOB,LSF,MXF,WRB

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	100 %	100 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	94.2 %	95 %
3	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled	8 %	8.5 %
4	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	79.9 %	82.4 %
5	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	58.1 %	55.6 %
6	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
7	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
8	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
9	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	GQO	SYI	BNA	HCH		
2.7	SYI	BNA	GQO	HCH	GHM	
3.1	SYI	BNA	HCH			
16.2	SYI	HCH	GHM	BNA		
29.5	GHM	SYI	BNA			
34.0	GHM	SYI				

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
---	----------------	--------------	-------------

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
WEMAL	RYAAN	SYI, BNA, GQO, HCH, GHM	
RYAAN	DEENN	SYI, BNA, HCH, GHM	
DEENN	SIPPO	SYI, BNA, HCH, GHM	

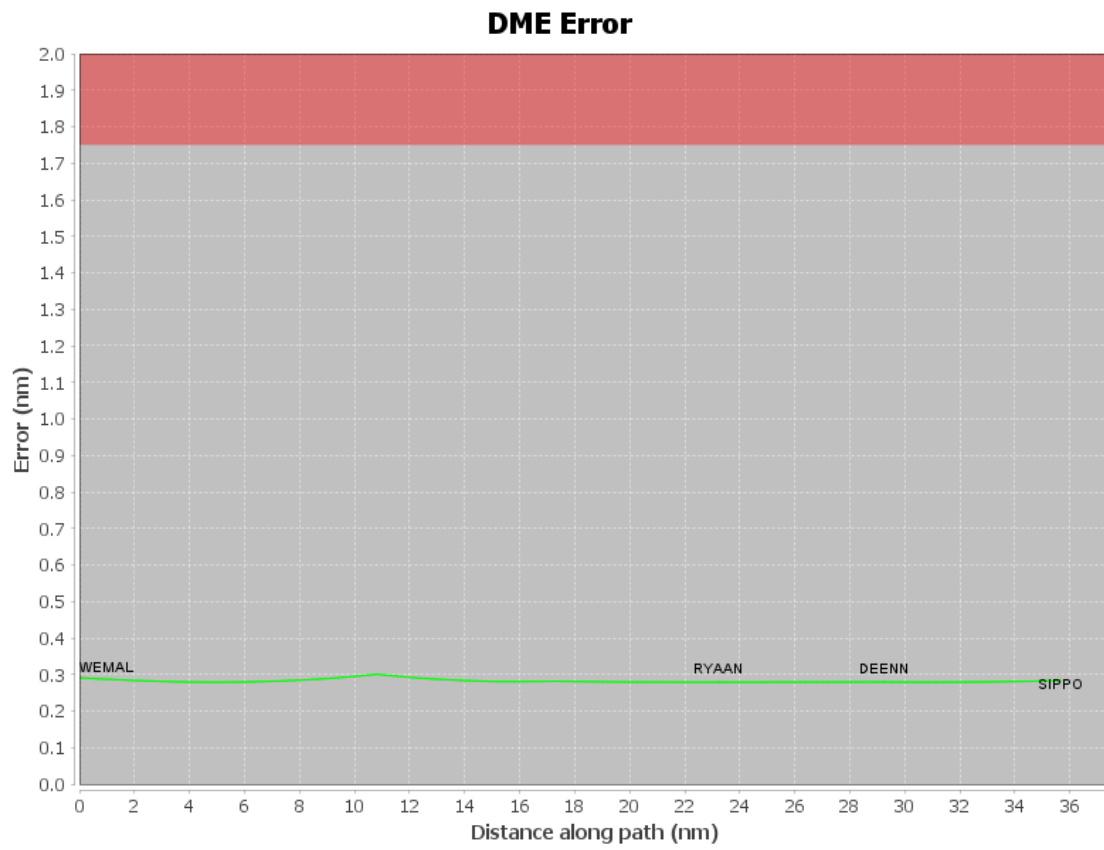
User Data Files

#	File Name
None	

User DMEs

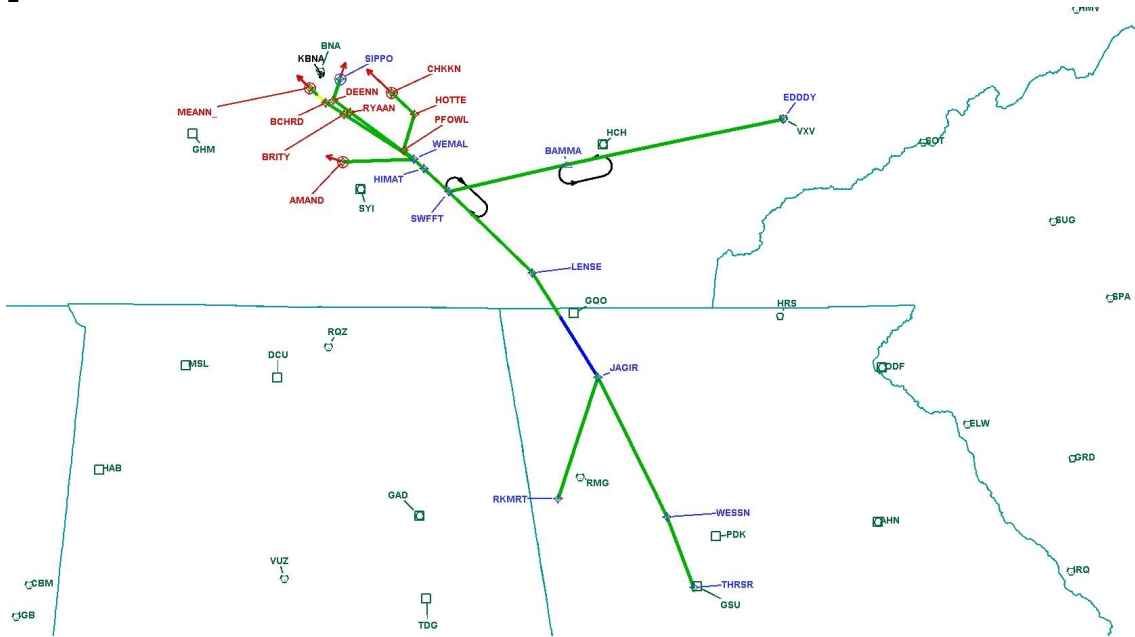
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		

DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO



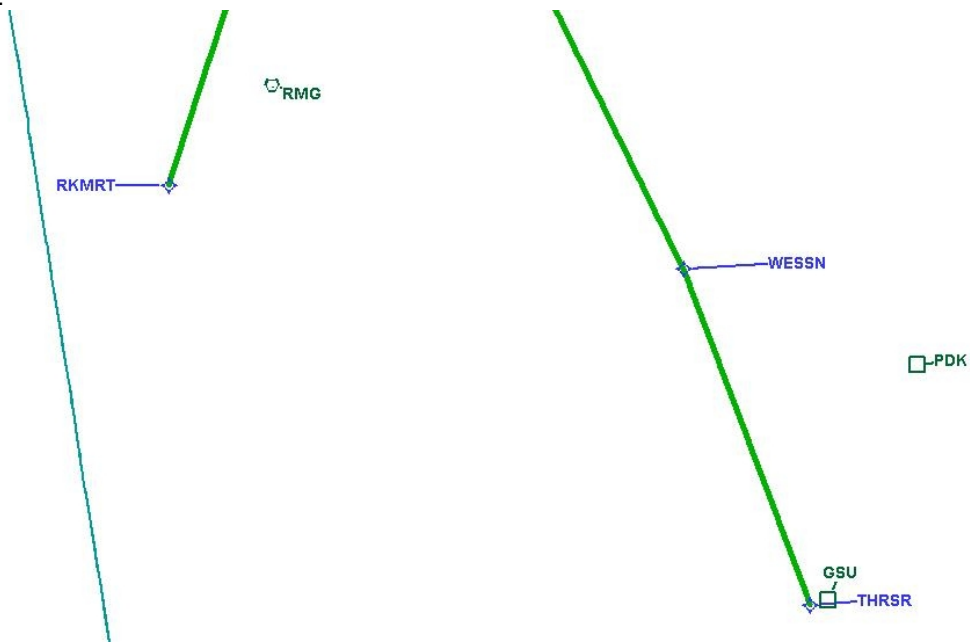
DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 1



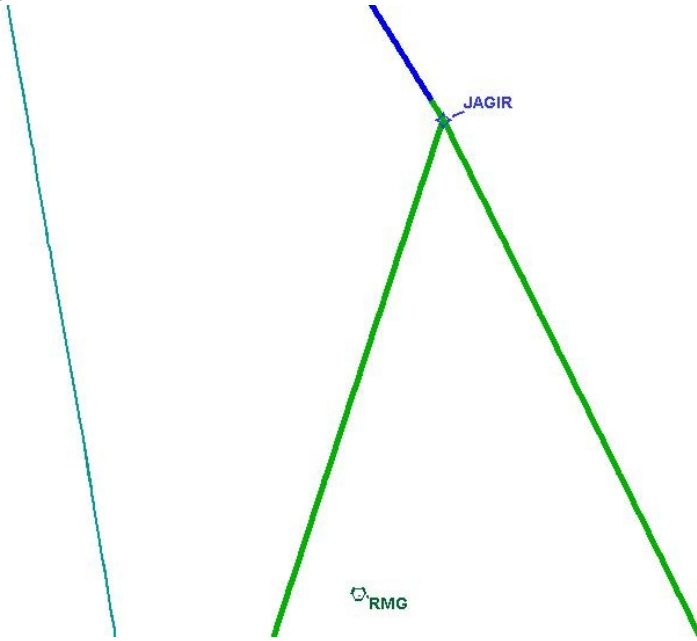
DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 2



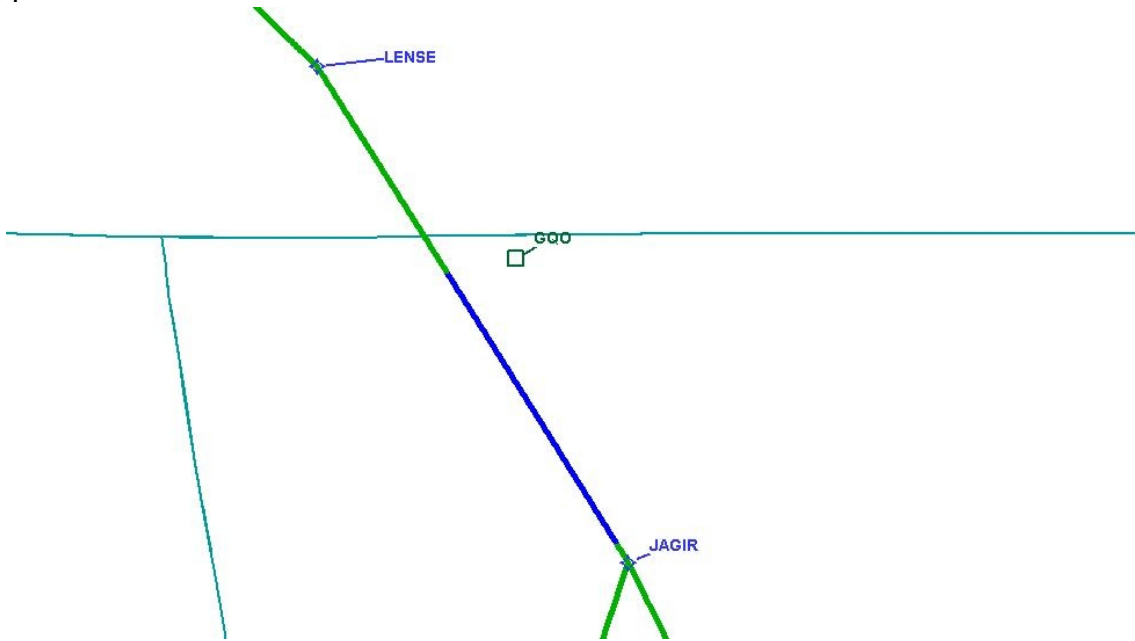
DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 3



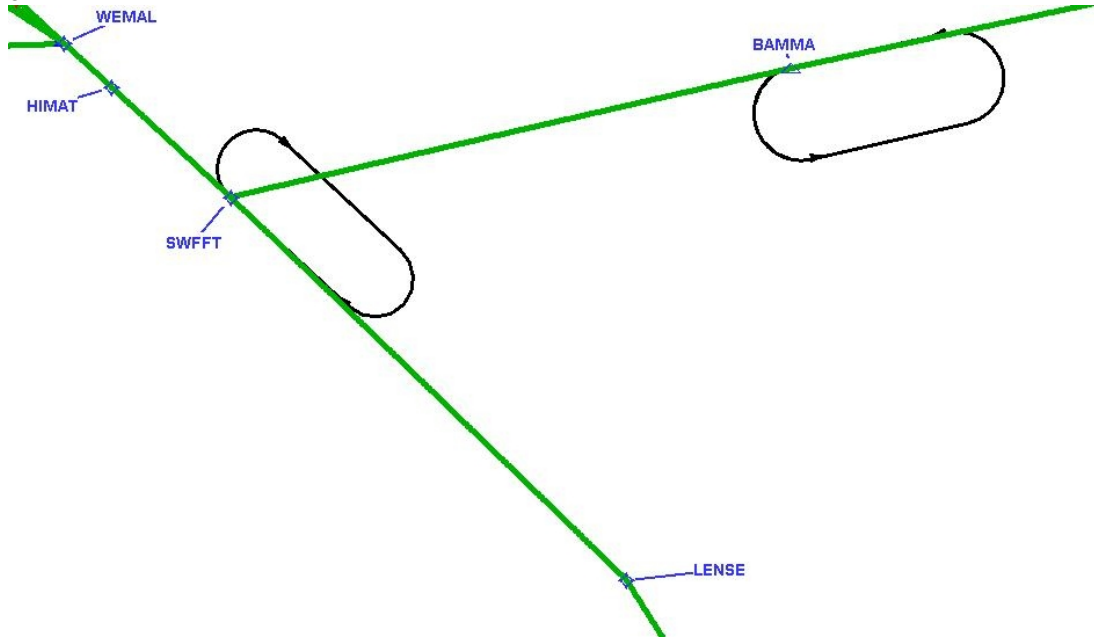
DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 4



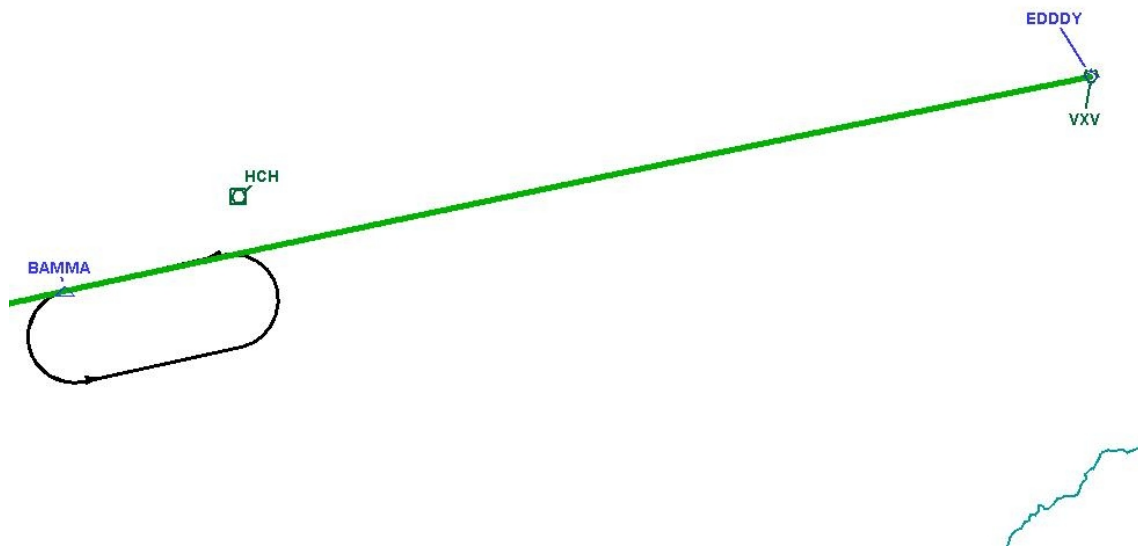
DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 5



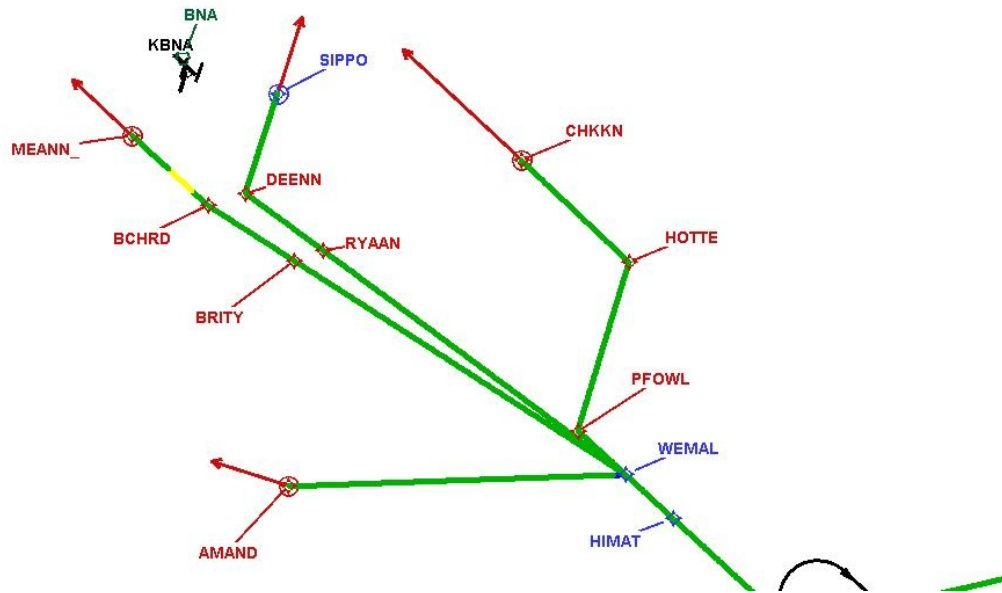
DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 6



DME DME Assessment Results for SWFFT3 path WEMAL_SIPPO

Graphic Depiction 7



DME DME Assessment Results for SWFFT3 path BAMMA_EDDDY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\KBNA SWFFT3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA SWFFT3 (RNAV) STAR\DME\KBNA [IFPA] SWFFT3 20250130_0753 EST\BAMMA_EDDDY\KBNA SWFFT3 RNAV STAR BAMMA EDDDY 20250130_0753 EST.pdf
Procedure Name:	SWFFT3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/30/2025 07:53 EST
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
BAMMA	WP	N35° 41' 05.220000000", W085° 11' 55.470000000"	15000	VNAV	280	FLY_BY	TF
EDDDY	WP	N35° 54' 17.330000000", W083° 53' 41.720000000"	15000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
Speeds:	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 SWFFT3 path BAMMA_EDDDY

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:	Not 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:	DOB,LSF,MXF,WRB

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	79.1 %	79.1 %
2	GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	H		NO	Enabled	21.3 %	21.3 %
3	VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	H		NO	Enabled	84.1 %	84.1 %
4	SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	L		NO	Enabled	24.6 %	24.6 %
5	HCH	N35° 46' 51.647000000", W084° 58' 42.428000000"	2.0 W	130	DH		NO	Enabled	90.8 %	90.8 %
6	RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	H		NO	Enabled	100 %	100 %
7	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
8	LSF	N32° 19' 56.260000000", W084° 59' 35.220000000"	5.0 W	25	T	IFPA	NO	Disabled		
9	MXF	N32° 22' 45.720000000", W086° 22' 06.080000000"	2.0 W	40	L	IFPA	NO	Disabled		
10	WRB	N32° 38' 27.600000000", W083° 35' 26.070000000"	2.0 W	25	T	IFPA	NO	Disabled		

DME DME Assessment Results for SWFFT3 path BAMMA_EDDDY

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	RMG	VXV	BWG	HCH		
8.8	RMG	VXV	BWG			
14.7	RMG	VXV	HCH	BWG		
49.0	SOT	RMG	HCH	VXV	BWG	
51.5	SOT	GQO	RMG	HCH	VXV	
54.7	SOT	GQO	RMG	HCH		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
---	----------------	--------------	-------------

Available DMEs by Waypoints

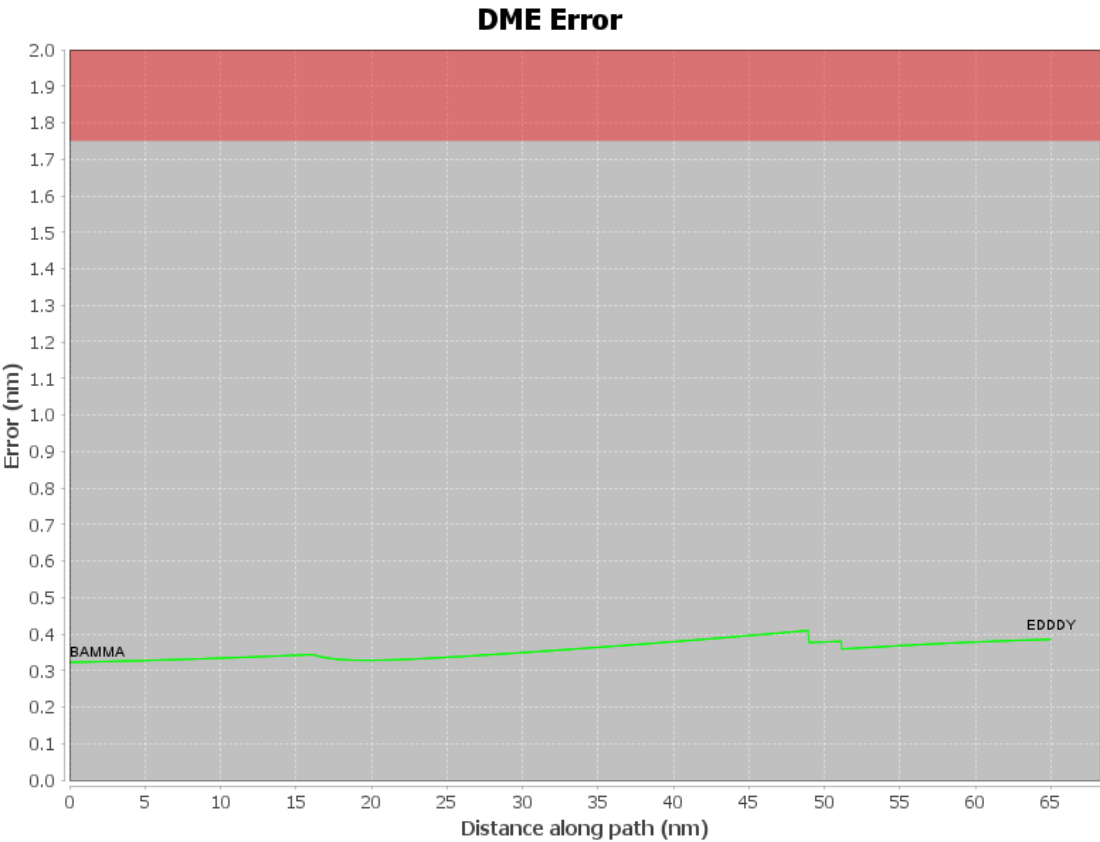
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BAMMA	EDDDY	BWG, GQO, VXV, SOT, HCH, RMG	

User Data Files

#	File Name
	None

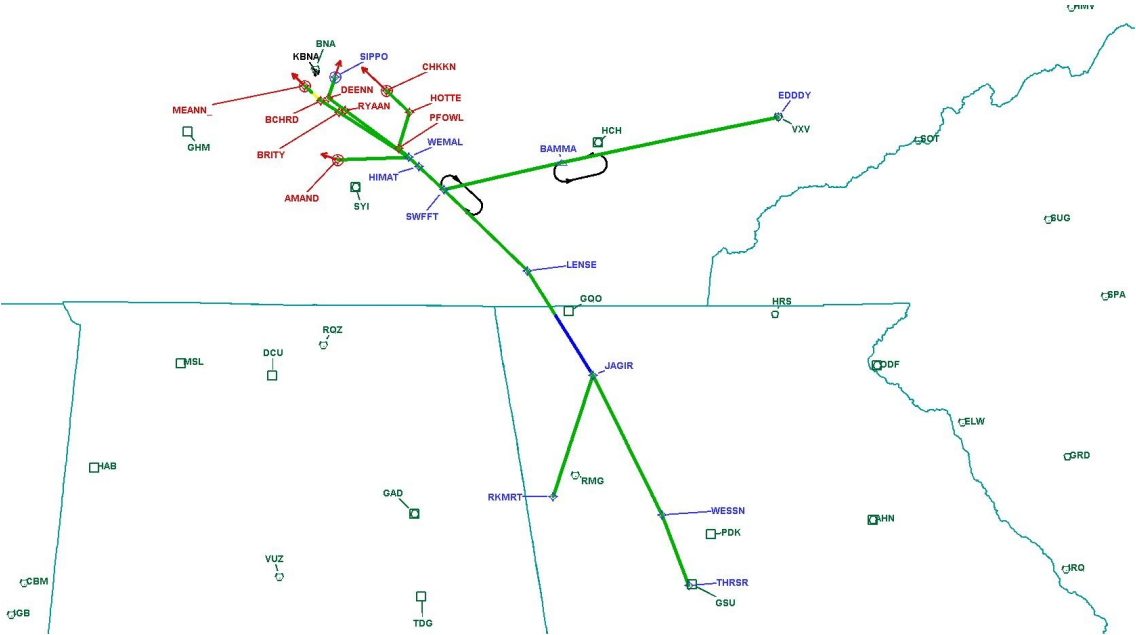
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GQO FAA 110610-23 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-23	
ESV:		Bearing [True]: 257.0° to 318.0° Bearing [Mag]: 257.0° to 318.0°				Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 15600.0 ft		
2	SOT FAA 720168-7 SOT	N35° 47' 24.357000000", W083° 03' 08.529000000"	4.0 W	40	4239	108.8	SOT FAA 720168-7	
ESV:		Bearing [True]: 251.0° to 287.0° Bearing [Mag]: 255.0° to 291.0°				Arc Distance: Out to 58.0 NM Altitude: 8000.0 to 23000.0 ft		
3	GQO FAA 110610-30 GQO	N34° 57' 40.585000000", W085° 09' 12.128500000"	0.0 E	130	1013.6	115.8	GQO FAA 110610-30	
ESV:		Bearing [True]: 39.0° to 51.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 86.0 NM Altitude: 13900.0 to 15600.0 ft		
4	RMG FAA 755481-63 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-63	
ESV:		Bearing [True]: 331.0° to 78.0° Bearing [Mag]: 330.0° to 77.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19200.0 ft		
5	VXV FAA 755466-43 VXV	N35° 54' 17.419300000", W083° 53' 40.993400000"	3.0 W	130	1314.6	116.4	VXV FAA 755466-43	
ESV:		Bearing [True]: 229.0° to 265.0° Bearing [Mag]: 232.0° to 268.0°				Arc Distance: Out to 102.0 NM Altitude: 9900.0 to 19400.0 ft		
6	RMG FAA 755481-65 RMG	N34° 09' 45.234100000", W085° 07' 09.866100000"	1.0 E	130	1147.8	115.4	RMG FAA 755481-65	
ESV:		Bearing [True]: 10.0° to 35.0° Bearing [Mag]: 9.0° to 34.0°				Arc Distance: Out to 125.0 NM Altitude: 13000.0 to 18000.0 ft		
7	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		



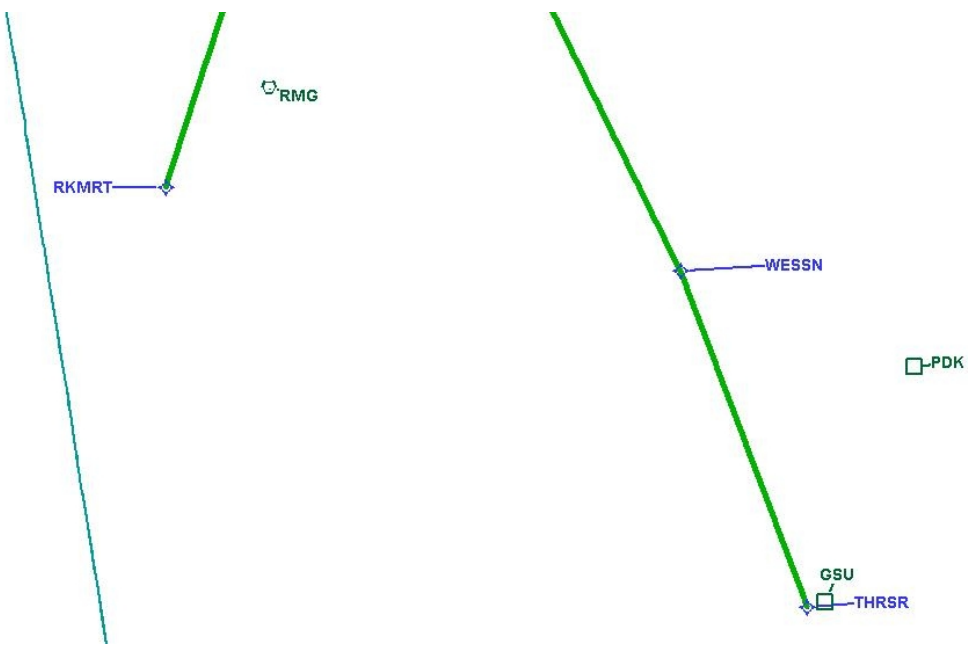
DME DME Assessment Results for SWFFT3 path BAMMA_EDDDY

Graphic Depiction 1

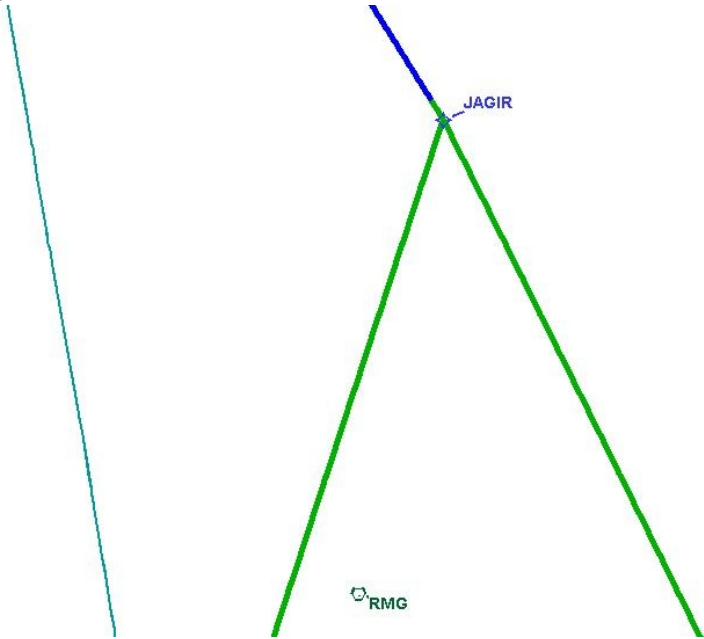


DME DME Assessment Results for SWFFT3 path BAMMA_EDDDY

Graphic Depiction 2

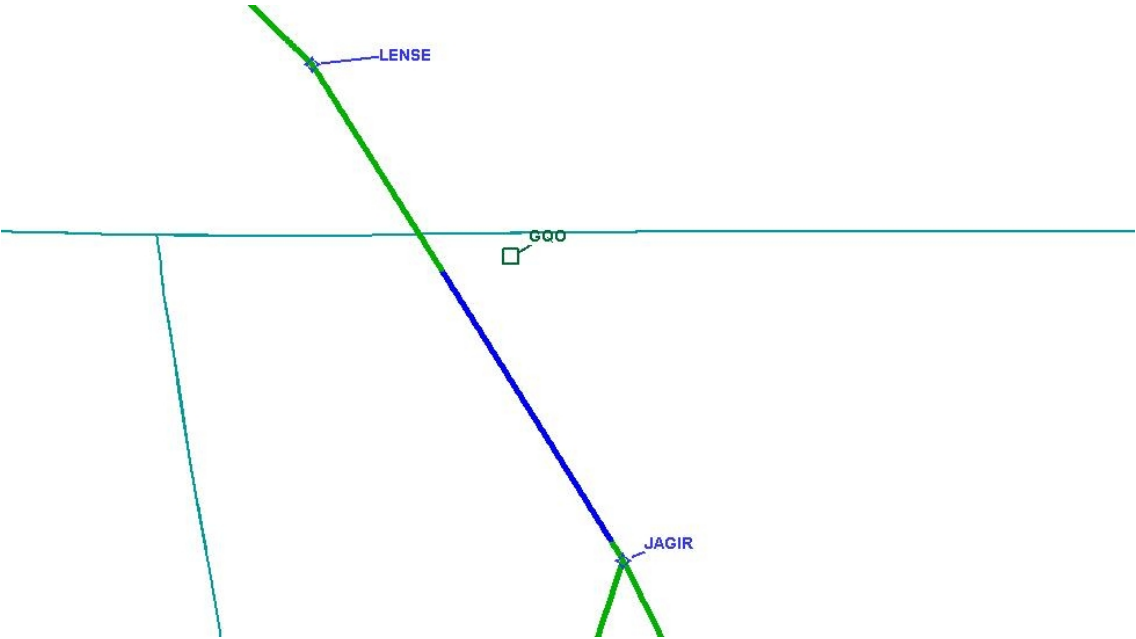


Graphic Depiction 3



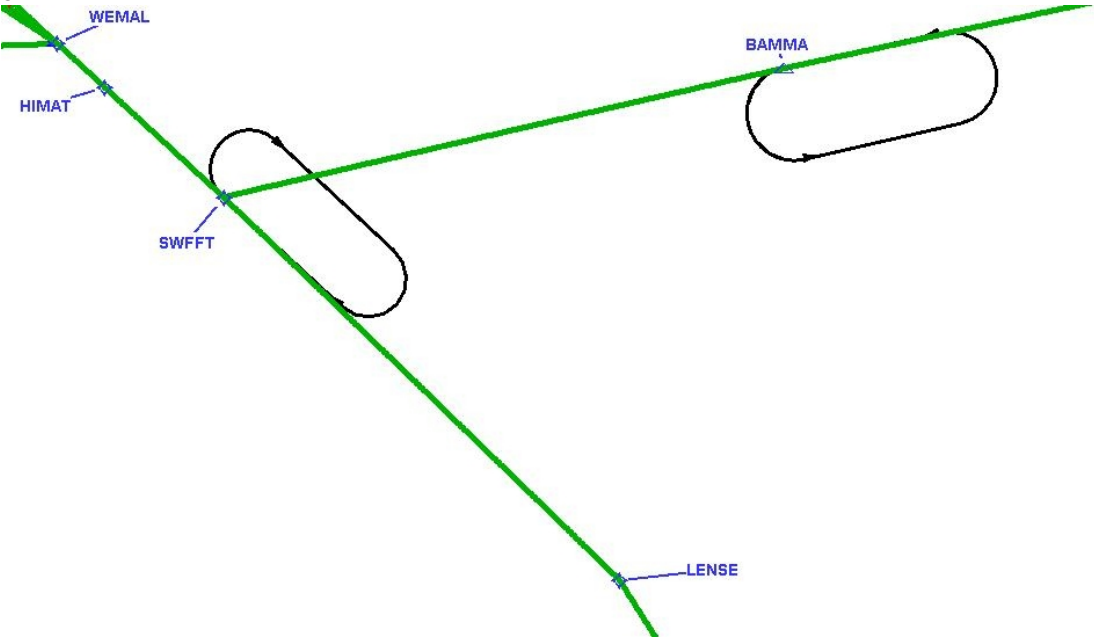
DME DME Assessment Results for SWFFT3 path BAMMA_EDDDY

Graphic Depiction 4

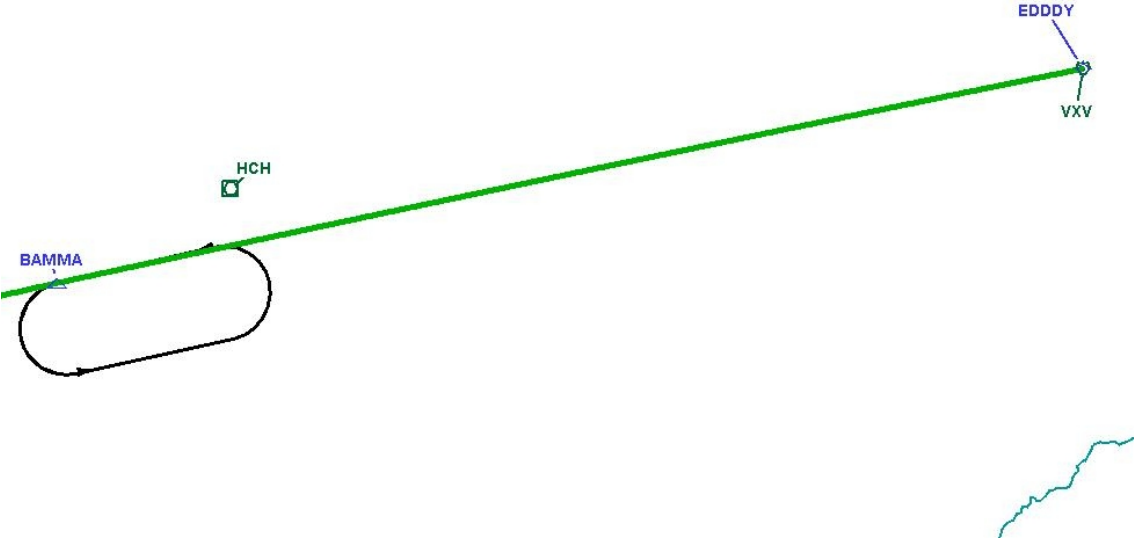


DME DME Assessment Results for SWFFT3 path BAMMA_EDDDY

Graphic Depiction 5



Graphic Depiction 6



Graphic Depiction 7

