

DME DME Assessment Results for TAZMO4 path KBNA:RW02C:DER_BURME

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA TAZMO4 (RNAV) SID DME 03 mar 2025.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA [IFPA] TAZMO4 20250422_1028 EDT\KBNA-RW02C-DER_BURME\KBNA TAZMO4 SID RW02C BURME 20250422_1028 EDT.pdf
Procedure Name:	TAZMO4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/22/2025 10:28 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBNA:RW02C:DER	WP	N36° 07' 27.2406", W086° 40' 46.5500"	571.8	VNAV	130	FLY_BY	TF
SHWIT	WP	N36° 13' 37.6700", W086° 33' 07.0800"	4000	VNAV	200	FLY_BY	TF
KKAYS	WP	N36° 11' 49.3200", W086° 25' 48.8100"	5236	VNAV	200	FLY_BY	TF
SAAMY	WP	N36° 04' 16.7200", W086° 04' 31.6800"	10000	VNAV	200	FLY_BY	TF
TAZMO	WP	N36° 03' 04.3200", W085° 47' 19.4900"	12800	VNAV	240	FLY_BY	TF
BURME	WP	N35° 59' 51.5900", W085° 02' 56.7300"	16100	VNAV	240	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 1099.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	500.0 ft/NM up to 1099.0 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 TAZMO4 path KBNA:RW02C:DER_BURME

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:	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	SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	L		NO	Enabled	20.4 %	19 %
2	BWG	N36° 57' 52.0000", W086° 25' 24.0000"	0.0 E	130	DH		NO	Enabled	88.6 %	89.9 %
3	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	65.5 %	65.9 %
4	GQO	N34° 57' 40.5850", W085° 09' 12.1285"	0.0 E	130	H		NO	Enabled	23.9 %	26.7 %
5	VXV	N35° 54' 17.4193", W083° 53' 40.9934"	3.0 W	130	H		NO	Enabled	22.3 %	25 %
6	LOZ	N37° 01' 59.3414", W084° 06' 36.2688"	3.0 W	130	DH		NO	Enabled	52.6 %	56.4 %
7	LVT	N36° 35' 04.2340", W085° 09' 59.8430"	2.0 W	40	L		NO	Enabled	25.6 %	28.6 %
8	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	71.4 %	73.9 %
9	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	17.1 %	15.9 %

DME DME Assessment Results for TAZMO4 path KBNA:RW02C:DER_BURME

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
5.9	BWG	HCH				
6.4						
8.9	GHM	BWG				
8.9	GHM	BWG	BNA			
10.9	GHM	BWG				
12.8	BWG	BNA	GHM			
14.7	GHM	BWG				
16.8	BWG	BNA	GHM			
21.5	BWG	BNA	GHM	SYI		
22.3	BWG	BNA	SYI	HCH		
36.4	BWG	BNA	HCH			
36.6	SYI	HCH	BNA	BWG	LOZ	
37.9	BWG	BNA	LOZ	HCH		
43.8	BWG	LOZ	HCH			
54.9	LVT	HCH	BWG	LOZ		
59.3	BWG	LOZ	HCH	BNA		
61.6	GQO	BNA	BWG	LOZ	HCH	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N36° 07' 29.2491", W086° 40' 45.7461"	N36° 11' 38.9327", W086° 35' 53.9211"	5.8454
2	N36° 11' 58.7268", W086° 35' 26.1240"	N36° 13' 37.6700", W086° 33' 07.0800"	2.4957

Available DMEs by Waypoints

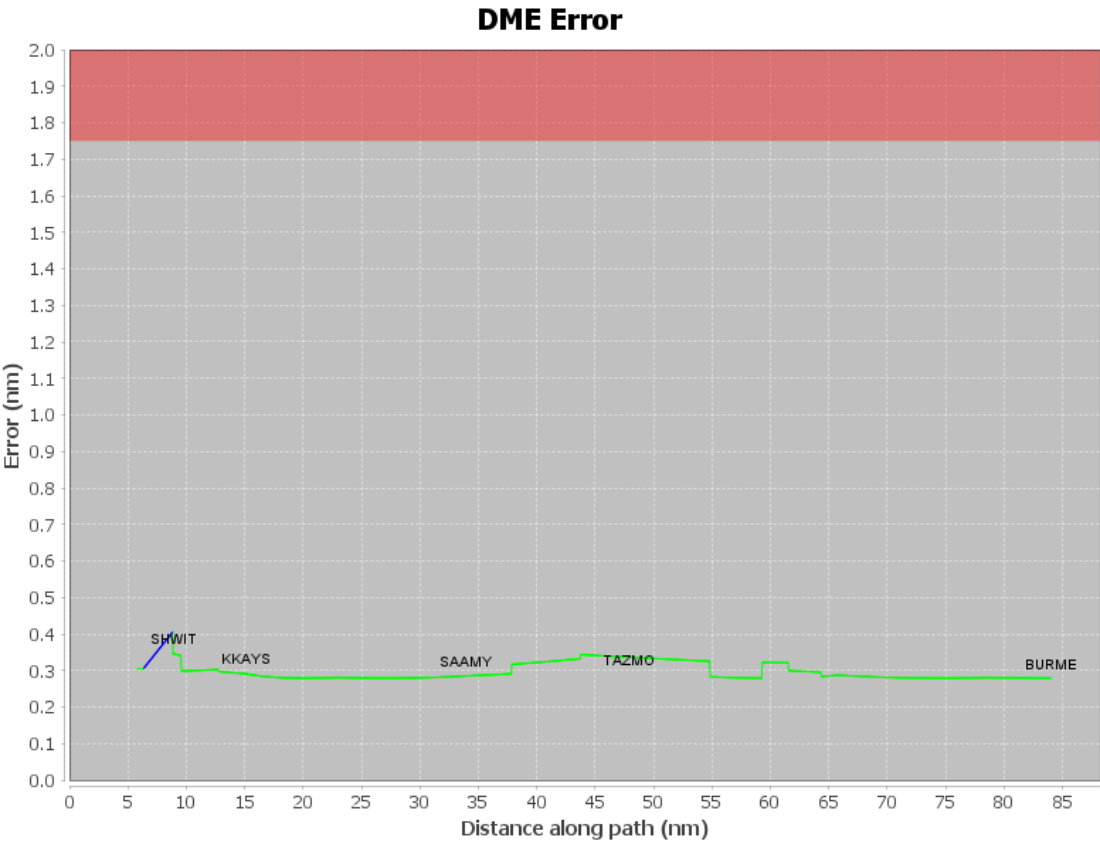
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW02C:DER	SHWIT	BWG, HCH, GHM	
SHWIT	KKAYS	BWG, BNA, GHM	
KKAYS	SAAMY	SYI, BWG, BNA, HCH, GHM	
SAAMY	TAZMO	SYI, BWG, BNA, LOZ, HCH	
TAZMO	BURME	BWG, BNA, GQO, VXV, LOZ, LVT, HCH	

User Data Files

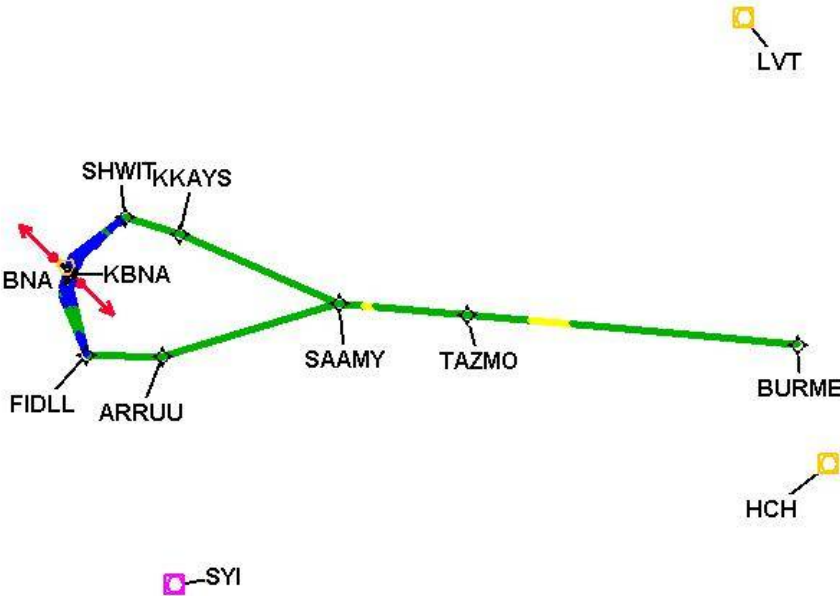
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User DMEs

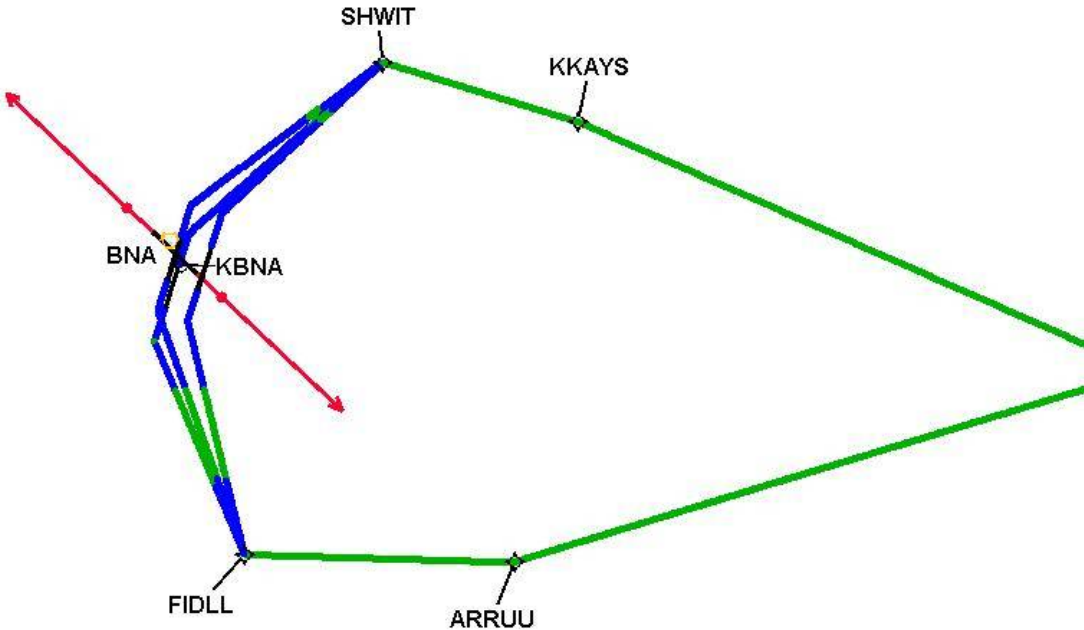
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-13 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		



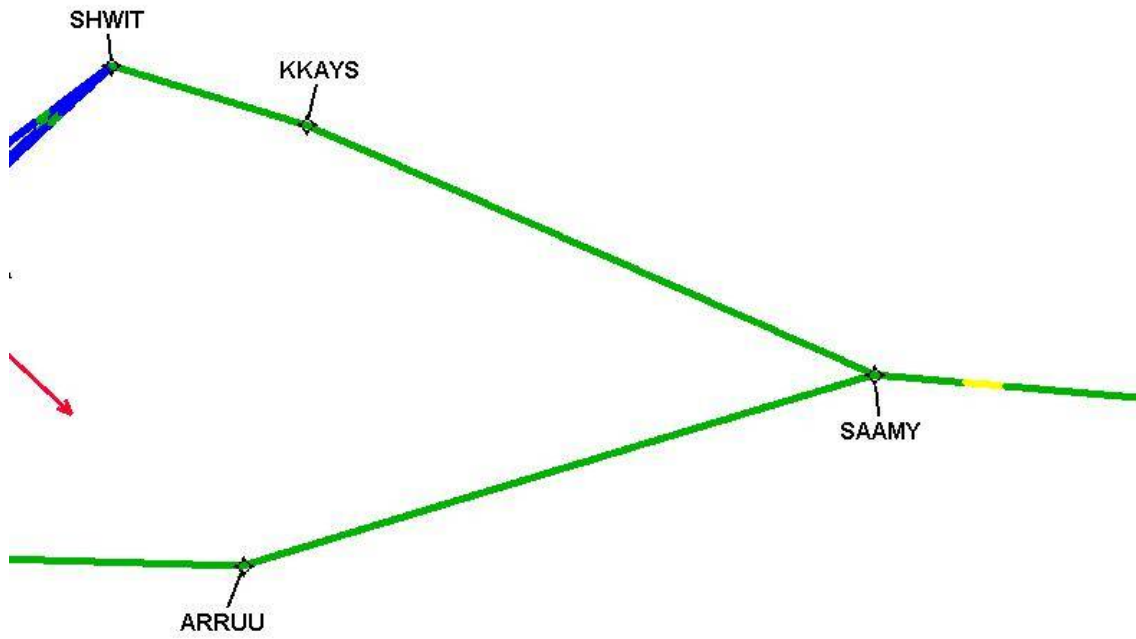
Graphic Depiction 1



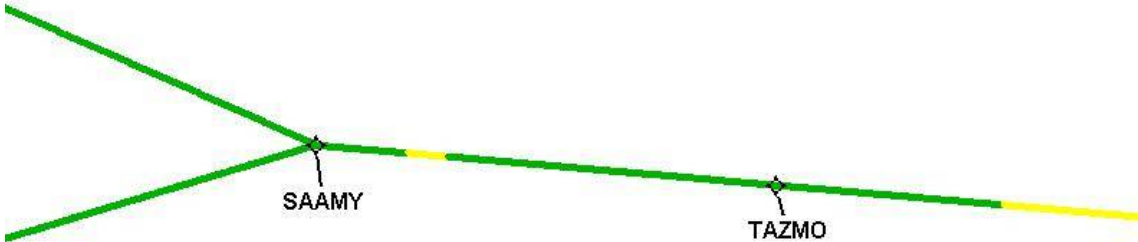
Graphic Depiction 2



Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for TAZMO4 path KBNA:RW02C:DER_BURME

Graphic Depiction 5



DME DME Assessment Results for TAZMO4 path KBNA:RW02L:DER_SHWIT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA TAZMO4 (RNAV) SID DME 03 mar 2025.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA [IFPA] TAZMO4 20250422_1028 EDT\KBNA-RW02L-DER_SHWIT\KBNA TAZMO4 SID RW02L SHWIT 20250422_1028 EDT.pdf
Procedure Name:	TAZMO4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/22/2025 10:28 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBNA:RW02L:DER	WP	N36° 08' 16.2324", W086° 40' 42.8335"	555.6	VNAV	130	FLY_BY	TF
SHWIT	WP	N36° 13' 37.6700", W086° 33' 07.0800"	4000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1099.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	500.0 ft/NM up to 1099.0 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 TAZMO4 path KBNA:RW02L:DER_SHWIT

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:	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	BWG	N36° 57' 52.0000", W086° 25' 24.0000"	0.0 E	130	DH		NO	Enabled	5 %	5.3 %
2	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	5 %	5.3 %
3	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled		

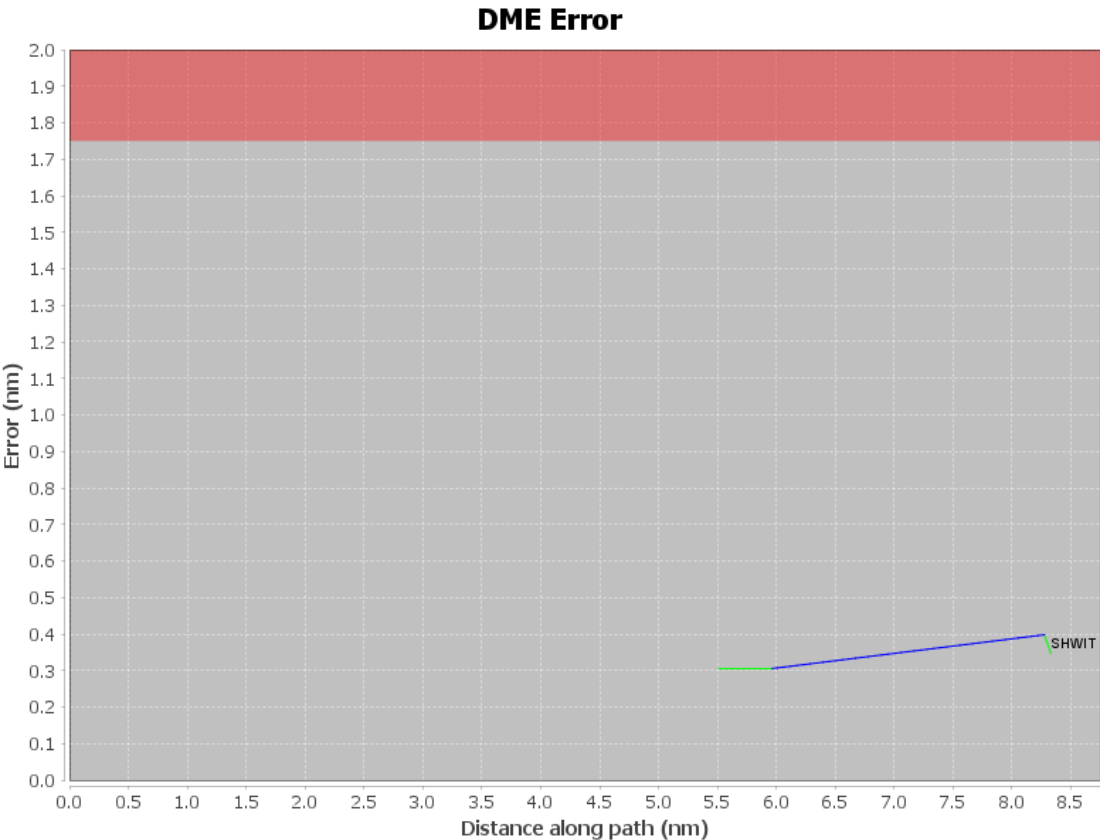
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
5.5	BWG	HCH				
6.0						
8.3	GHM	BWG				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 08' 18.2396", W086° 40' 42.0460"	N36° 11' 56.8065", W086° 35' 55.0971"	5.4766
2	N36° 12' 14.6107", W086° 35' 25.4557"	N36° 13' 37.6700", W086° 33' 07.0800"	2.3224

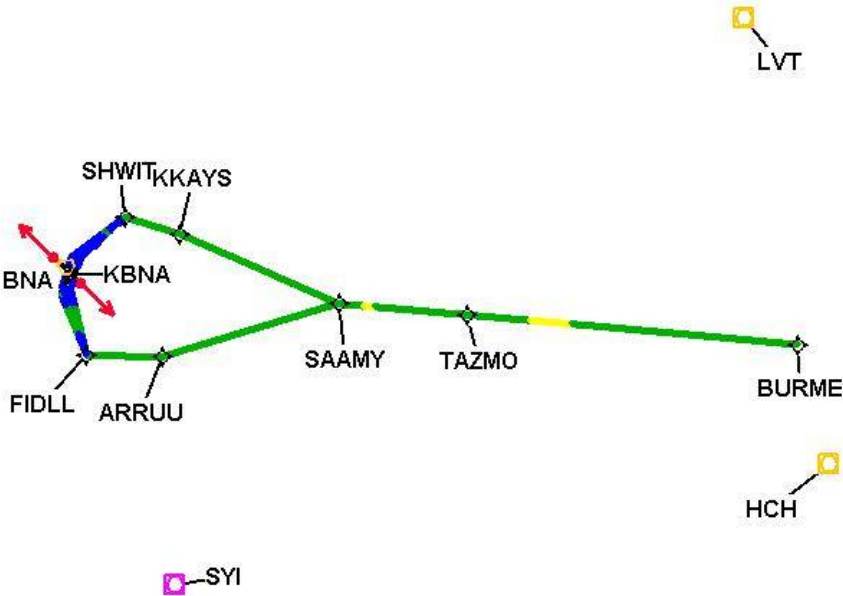
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW02L:DER	SHWIT	BWG, HCH, GHM	

DME DME Assessment Results for TAZMO4 path KBNA:RW02L:DER_SHWIT

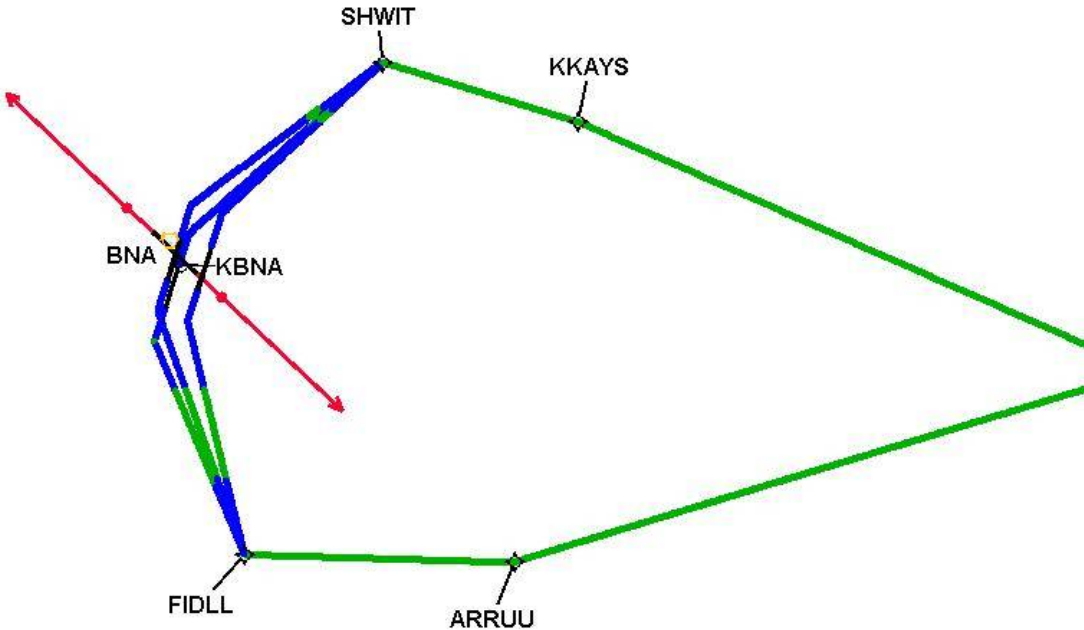
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-13 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		



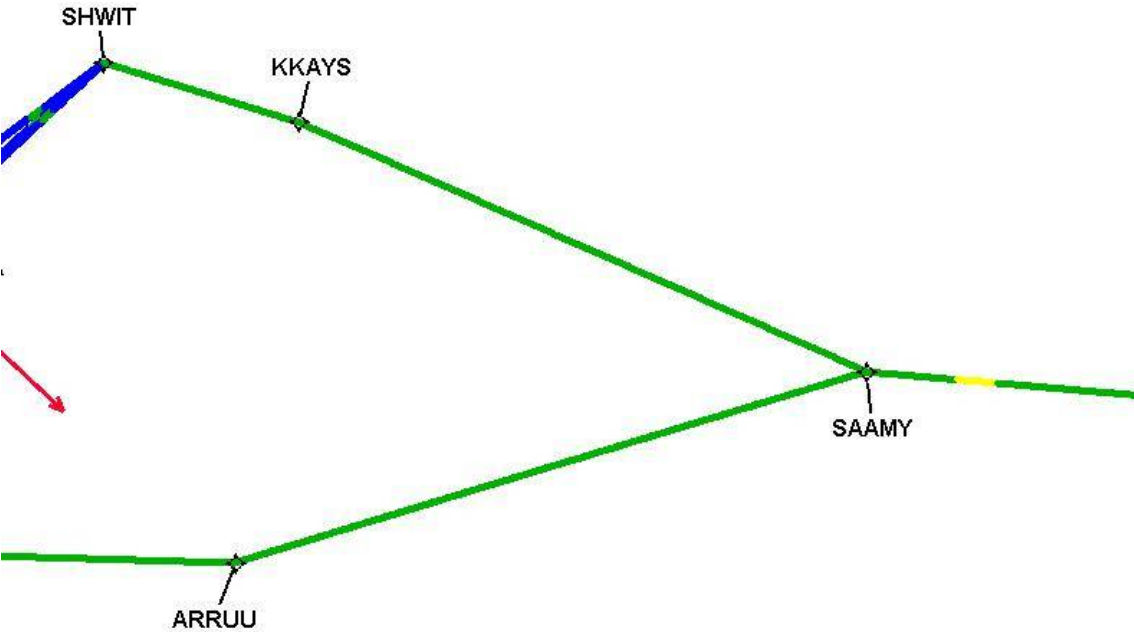
Graphic Depiction 1



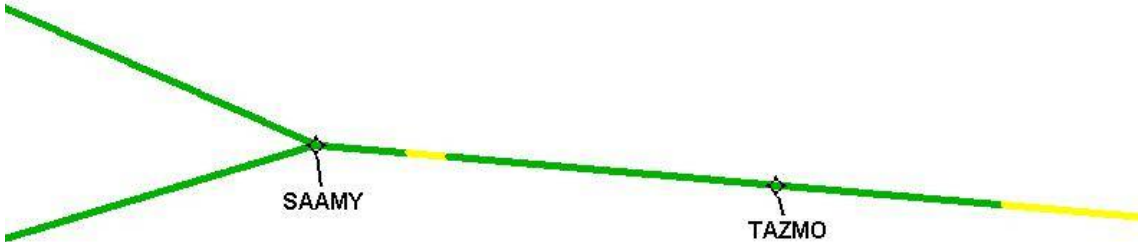
Graphic Depiction 2



Graphic Depiction 3



Graphic Depiction 4



Graphic Depiction 5



DME DME Assessment Results for TAZMO4 path KBNA:RW02R:DER_SHWIT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA TAZMO4 (RNAV) SID DME 03 mar 2025.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA [IFPA] TAZMO4 20250422_1028 EDT\KBNA-RW02R-DER_SHWIT\KBNA TAZMO4 SID RW02R SHWIT 20250422_1028 EDT.pdf
Procedure Name:	TAZMO4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/22/2025 10:28 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBNA:RW02R:DER	WP	N36° 08' 01.0116", W086° 39' 33.3955"	540	VNAV	130	FLY_BY	TF
SHWIT	WP	N36° 13' 37.6700", W086° 33' 07.0800"	4000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1099.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	500.0 ft/NM up to 1099.0 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 TAZMO4 path KBNA:RW02R:DER_SHWIT

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:	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	BWG	N36° 57' 52.0000", W086° 25' 24.0000"	0.0 E	130	DH		NO	Enabled	4.7 %	5 %
2	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	4.7 %	5 %
3	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
5.2	BWG	HCH				
5.6						
7.8	GHM	BWG				

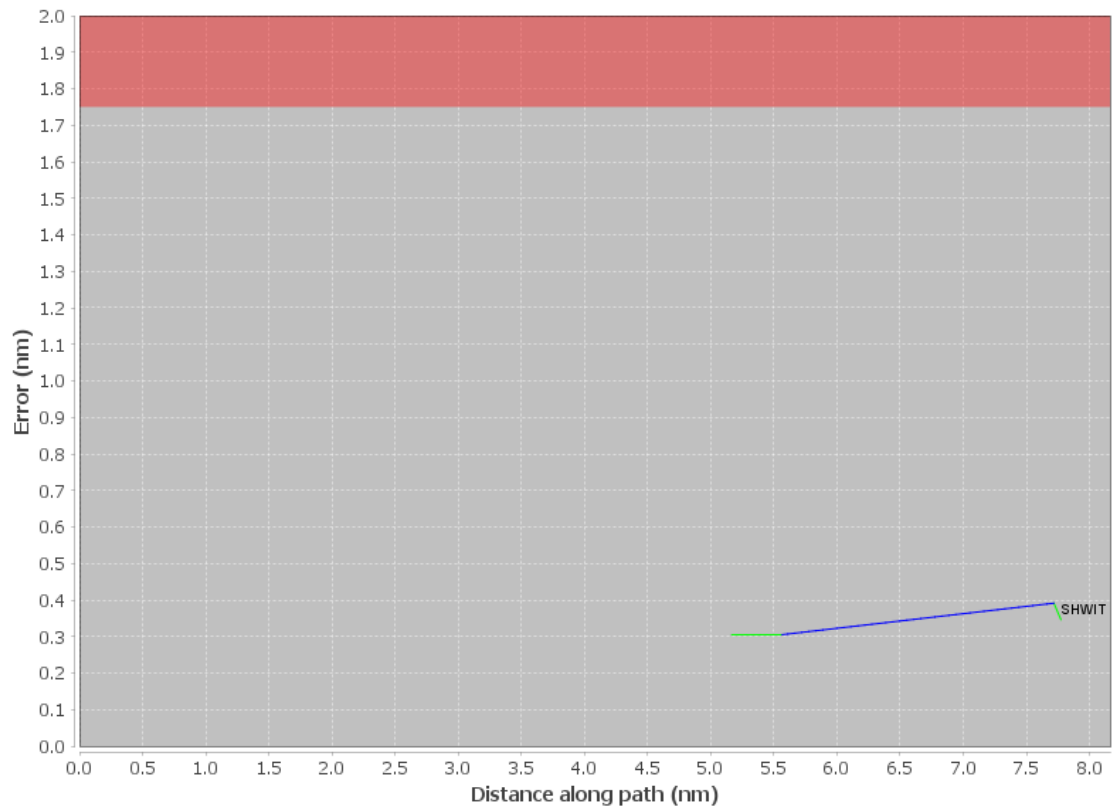
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 08' 03.0725", W086° 39' 32.5704"	N36° 11' 50.8717", W086° 35' 28.4479"	5.1318
2	N36° 12' 09.0534", W086° 35' 04.3928"	N36° 13' 37.6700", W086° 33' 07.0800"	2.163

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW02R:DER	SHWIT	BWG, HCH, GHM	

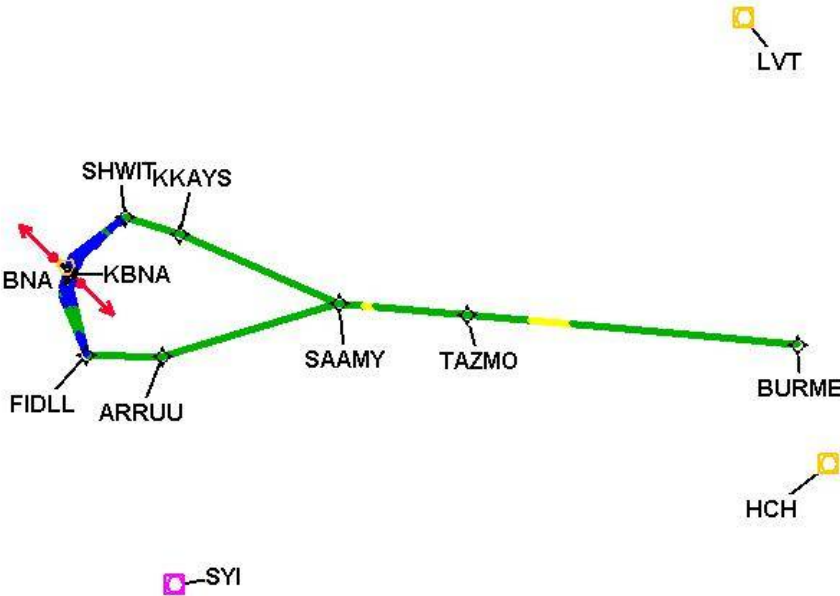
DME DME Assessment Results for TAZMO4 path KBNA:RW02R:DER_SHWIT

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-13 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	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 Error

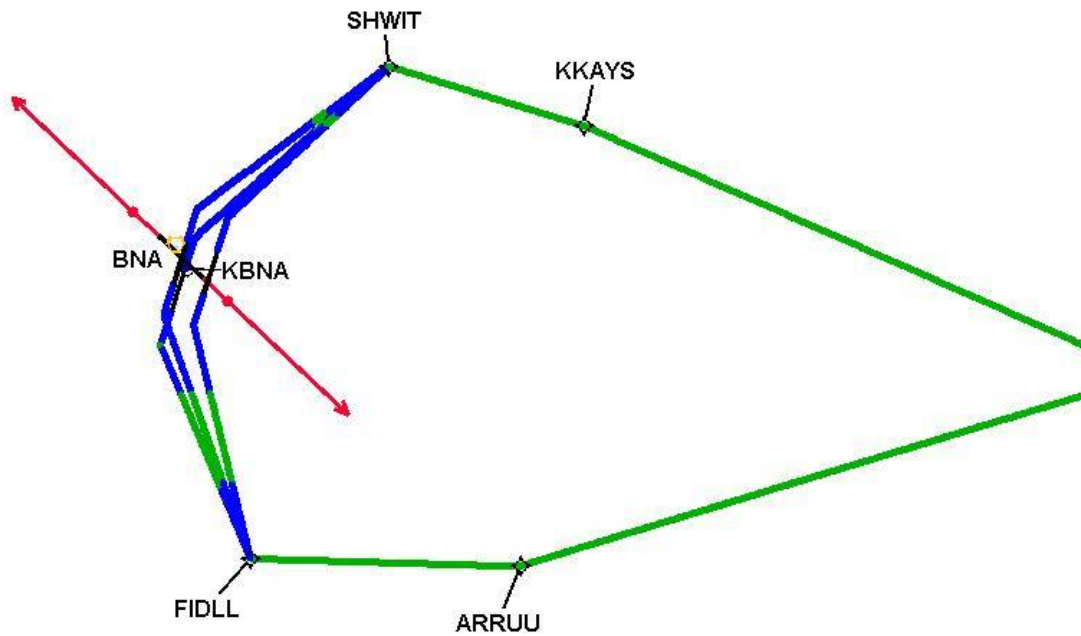


Graphic Depiction 1



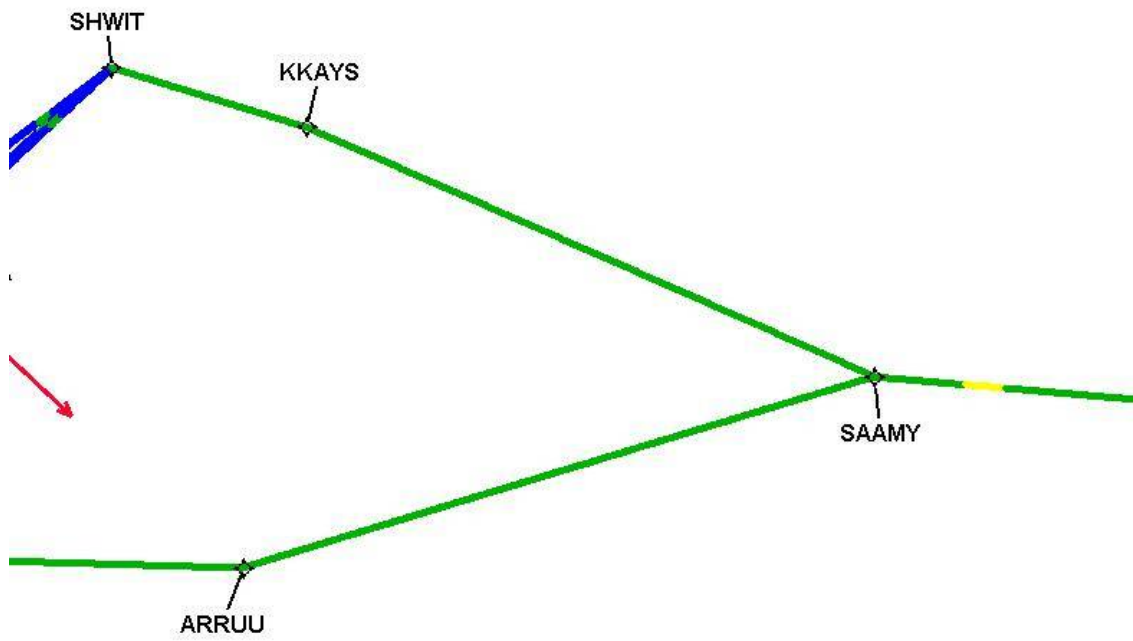
DME DME Assessment Results for TAZMO4 path KBNA:RW02R:DER_SHWIT

Graphic Depiction 2

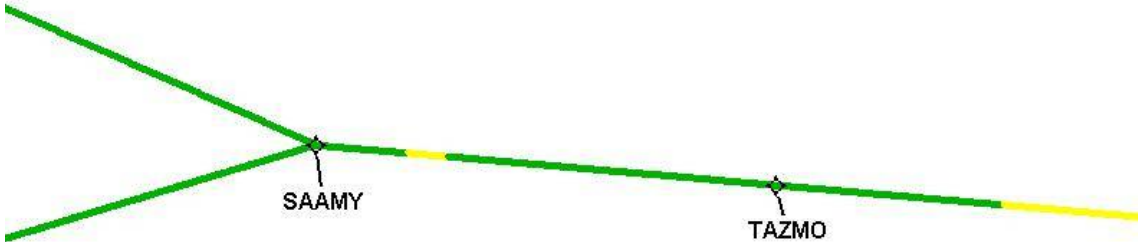


DME DME Assessment Results for TAZMO4 path KBNA:RW02R:DER_SHWIT

Graphic Depiction 3



Graphic Depiction 4



Graphic Depiction 5



DME DME Assessment Results for TAZMO4 path KBNA:RW20C:DER_SAAMY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA TAZMO4 (RNAV) SID DME 03 mar 2025.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA [IFPA] TAZMO4 20250422_1028 EDT\KBNA-RW20C-DER_SAAMY\KBNA TAZMO4 SID RW20C SAAMY 20250422_1028 EDT.pdf
Procedure Name:	TAZMO4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/22/2025 10:28 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBNA:RW20C:DER	WP	N36° 06' 11.9899", W086° 41' 16.6591"	569.1	VNAV	130	FLY_BY	TF
FIDLL	WP	N35° 58' 44.0600", W086° 38' 18.8900"	4000	VNAV	200	FLY_BY	TF
ARRUU	WP	N35° 58' 29.8200", W086° 28' 12.1100"	5642.3	VNAV	200	FLY_BY	TF
SAAMY	WP	N36° 04' 16.7200", W086° 04' 31.6800"	10000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1099.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	500.0 ft/NM up to 1099.0 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 TAZMO4 path KBNA:RW20C:DER_SAAMY

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:	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	SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	L		NO	Enabled	83.7 %	86.4 %
2	BWG	N36° 57' 52.0000", W086° 25' 24.0000"	0.0 E	130	DH		NO	Enabled	70.8 %	75.8 %
3	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	80.1 %	83.6 %
4	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	44.5 %	44.4 %
5	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	39.2 %	42 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.0	HCH	BNA				
1.1						
2.6	SYI	HCH				
3.7	HCH	BNA	SYI			
5.8						
8.1	GHM	BNA	SYI	BWG		
8.1	GHM	BNA	SYI			
8.8	GHM	BNA	SYI	BWG		
23.4	SYI	HCH	BNA	BWG		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 06' 09.9710", W086° 41' 17.4667"	N36° 05' 13.4401", W086° 41' 40.0744"	0.9891
2	N36° 05' 11.2996", W086° 41' 40.9303"	N36° 03' 44.5133", W086° 40' 55.5976"	1.5689
3	N36° 00' 48.6999", W086° 39' 23.8545"	N35° 58' 44.0600", W086° 38' 18.8900"	2.2527

DME DME Assessment Results for TAZMO4 path KBNA:RW20C:DER_SAAMY

Available DMEs by Waypoints

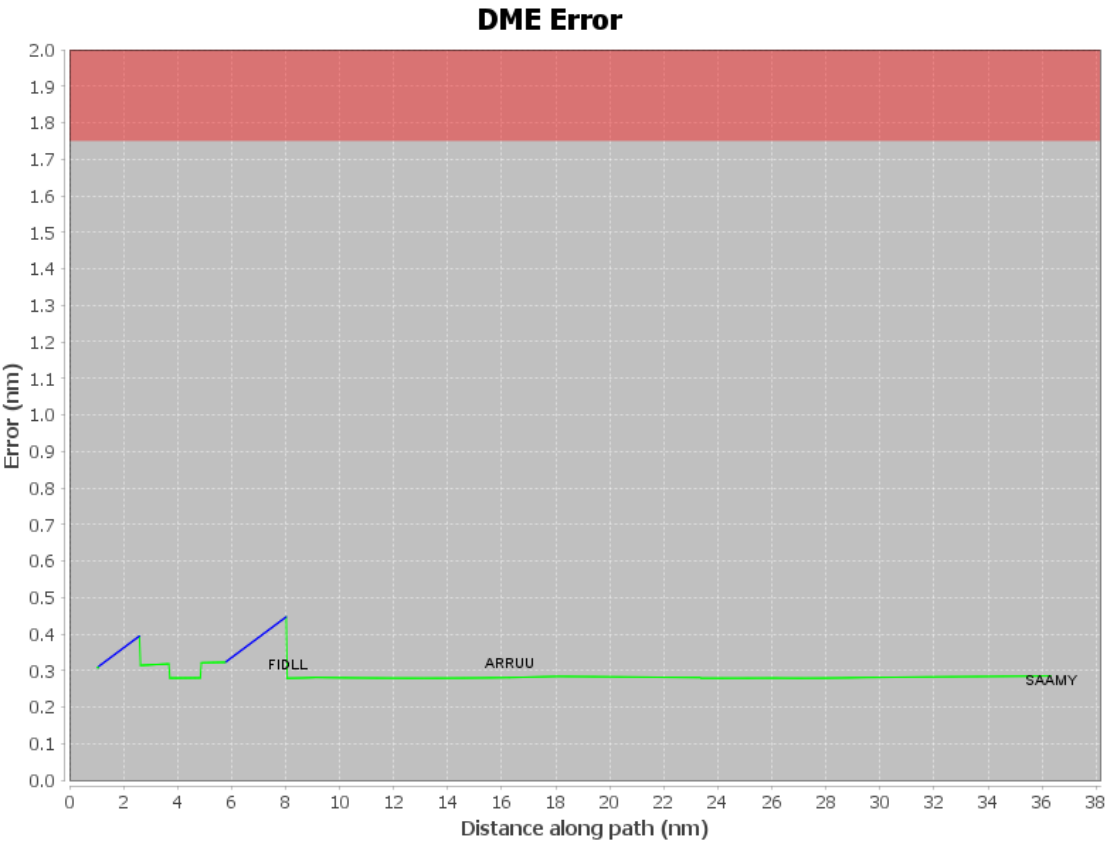
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW20C:DER	FIDLL	SYI, BWG, BNA, HCH, GHM	
FIDLL	ARRUU	SYI, BWG, BNA, GHM	
ARRUU	SAAMY	SYI, BWG, BNA, HCH, GHM	

User Data Files

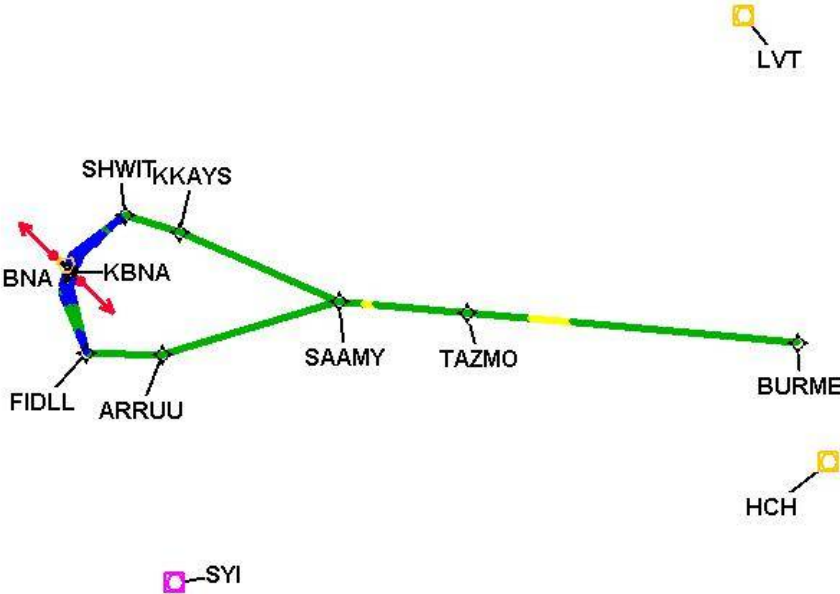
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User DMEs

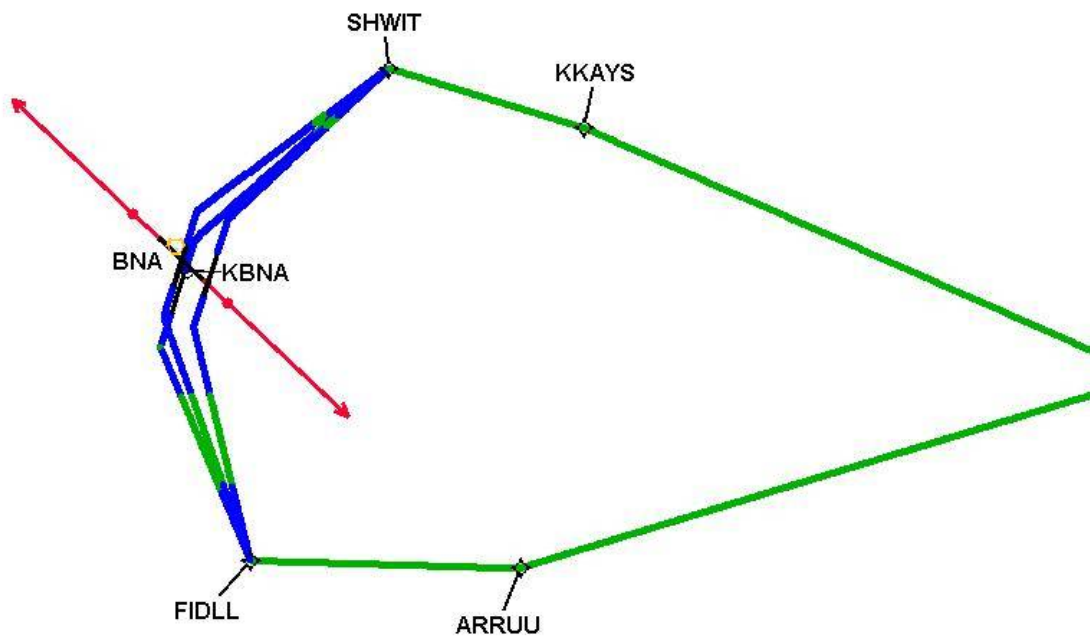
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-13 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
	ESV:	Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		



Graphic Depiction 1

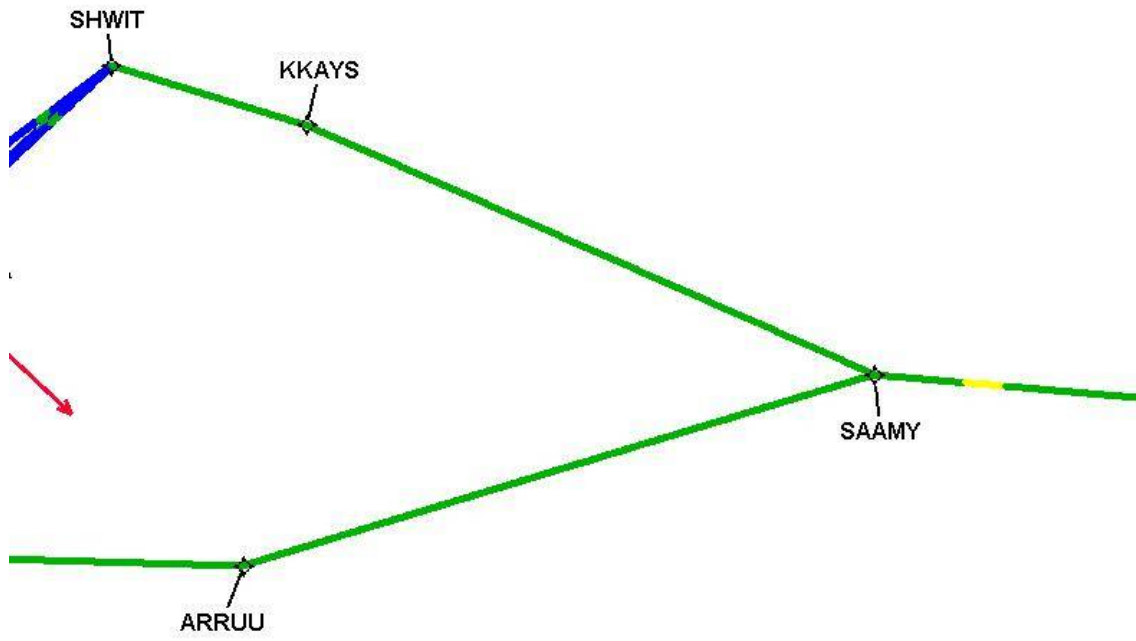


Graphic Depiction 2

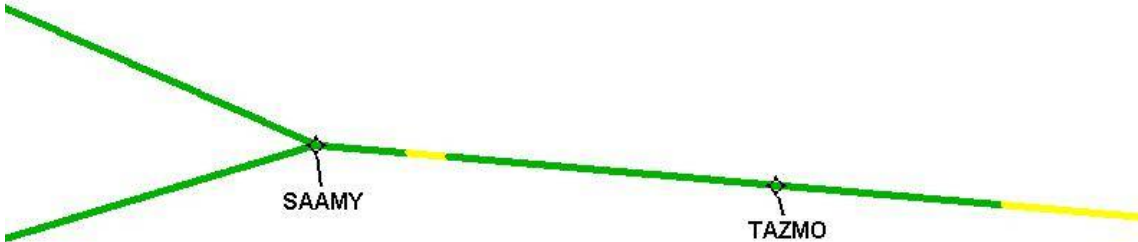


DME DME Assessment Results for TAZMO4 path KBNA:RW20C:DER_SAAMY

Graphic Depiction 3



Graphic Depiction 4



Graphic Depiction 5



DME DME Assessment Results for TAZMO4 path KBNA:RW20L:DER_FIDLL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA TAZMO4 (RNAV) SID DME 03 mar 2025.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA [IFPA] TAZMO4 20250422_1028 EDT\KBNA-RW20L-DER_FIDLL\KBNA TAZMO4 SID RW20L FIDLL 20250422_1028 EDT.pdf
Procedure Name:	TAZMO4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/22/2025 10:28 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBNA:RW20L:DER	WP	N36° 06' 45.7670", W086° 40' 03.5138"	589.8	VNAV	130	FLY_BY	TF
FIDLL	WP	N35° 58' 44.0600", W086° 38' 18.8900"	4000	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 1099.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	500.0 ft/NM up to 1099.0 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 TAZMO4 path KBNA:RW20L:DER_FIDLL

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:	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	SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	L		NO	Enabled	32.2 %	34.1 %
2	BWG	N36° 57' 52.0000", W086° 25' 24.0000"	0.0 E	130	DH		NO	Enabled		
3	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	17.7 %	18.7 %
4	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	32.2 %	34.1 %
5	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.1	SYI	HCH				
4.3	HCH	BNA	SYI			
5.9						
8.3	GHM	BNA	SYI	BWG		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 06' 43.7602", W086° 40' 04.3168"	N36° 03' 47.9543", W086° 39' 50.6316"	3.0341
2	N36° 00' 59.8455", W086° 38' 59.8567"	N35° 58' 44.0600", W086° 38' 18.8900"	2.3267

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW20L:DER	FIDLL	SYI, BWG, BNA, HCH, GHM	

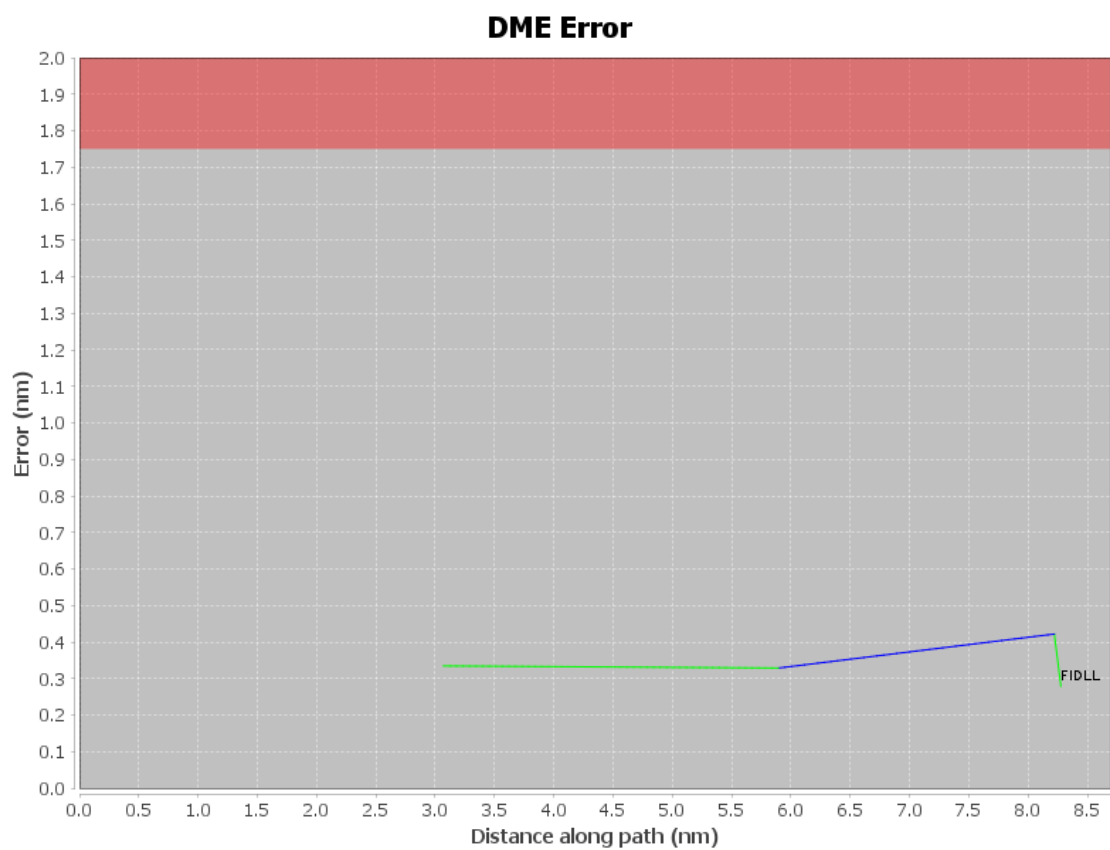
DME DME Assessment Results for TAZMO4 path KBNA:RW20L:DER_FIDLL

User Data Files

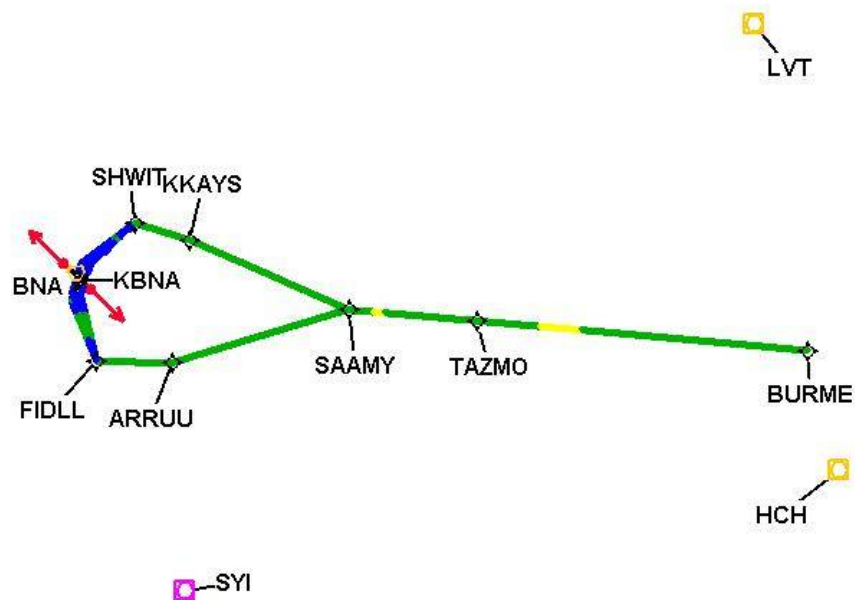
#	File Name
None	

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-13 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	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		

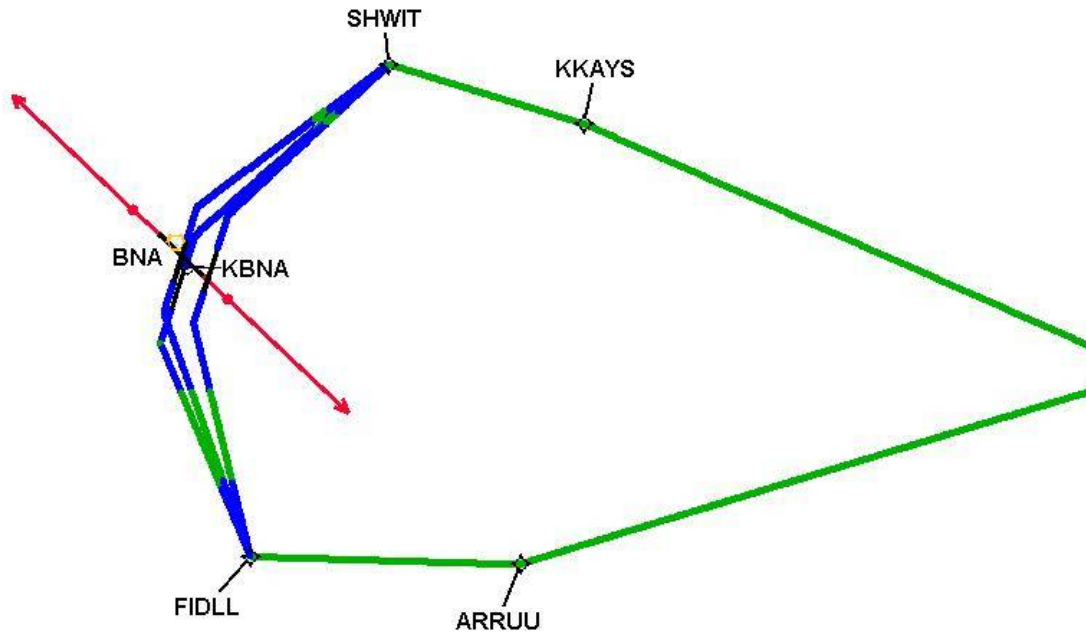


Graphic Depiction 1



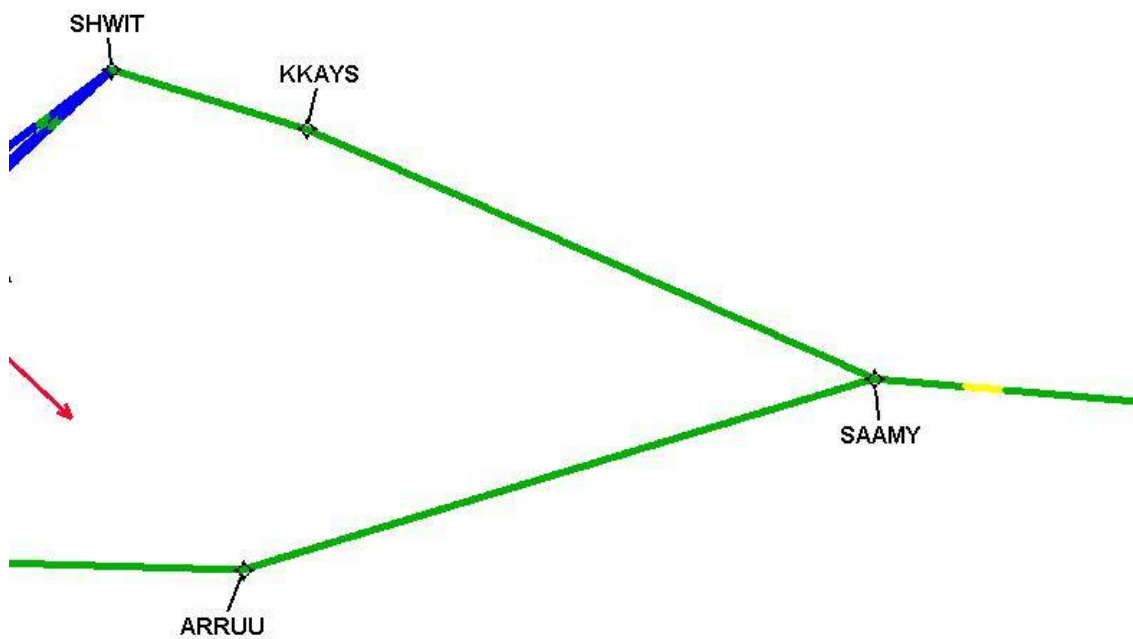
DME DME Assessment Results for TAZMO4 path KBNA:RW20L:DER_FIDLL

Graphic Depiction 2

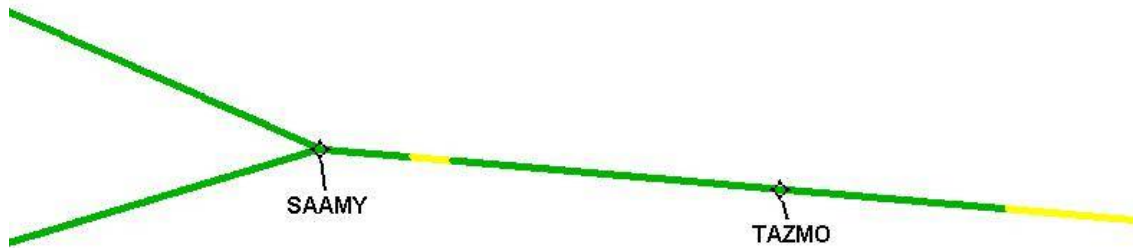


DME DME Assessment Results for TAZMO4 path KBNA:RW20L:DER_FIDLL

Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for TAZMO4 path KBNA:RW20L:DER_FIDLL

Graphic Depiction 5



DME DME Assessment Results for TAZMO4 path KBNA:RW20R:DER_FIDLL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA TAZMO4 (RNAV) SID DME 03 mar 2025.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KBNA 2025\KBNA SIDs (9) 27_NOV_2025\TAZMO4\DME\KBNA [IFPA] TAZMO4 20250422_1028 EDT\KBNA-RW20R-DER_FIDLL\KBNA TAZMO4 SID RW20R FIDLL 20250422_1028 EDT.pdf
Procedure Name:	TAZMO4
Software: DmeDmePlugin:	7.4.1
Date/Time:	04/22/2025 10:28 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBNA:RW20R:DER	WP	N36° 07' 03.6342", W086° 41' 11.3105"	598.7	VNAV	130	FLY_BY	TF
FIDLL	WP	N35° 58' 44.0600", W086° 38' 18.8900"	4000	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 1099.0 ft MSL
200.0 ft/NM

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	500.0 ft/NM up to 1099.0 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 TAZMO4 path KBNA:RW20R:DER_FIDLL

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:	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	SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	L		NO	Enabled	29.8 %	31.4 %
2	BWG	N36° 57' 52.0000", W086° 25' 24.0000"	0.0 E	130	DH		NO	Enabled		
3	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	17.3 %	18.2 %
4	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	29.8 %	31.4 %
5	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled		

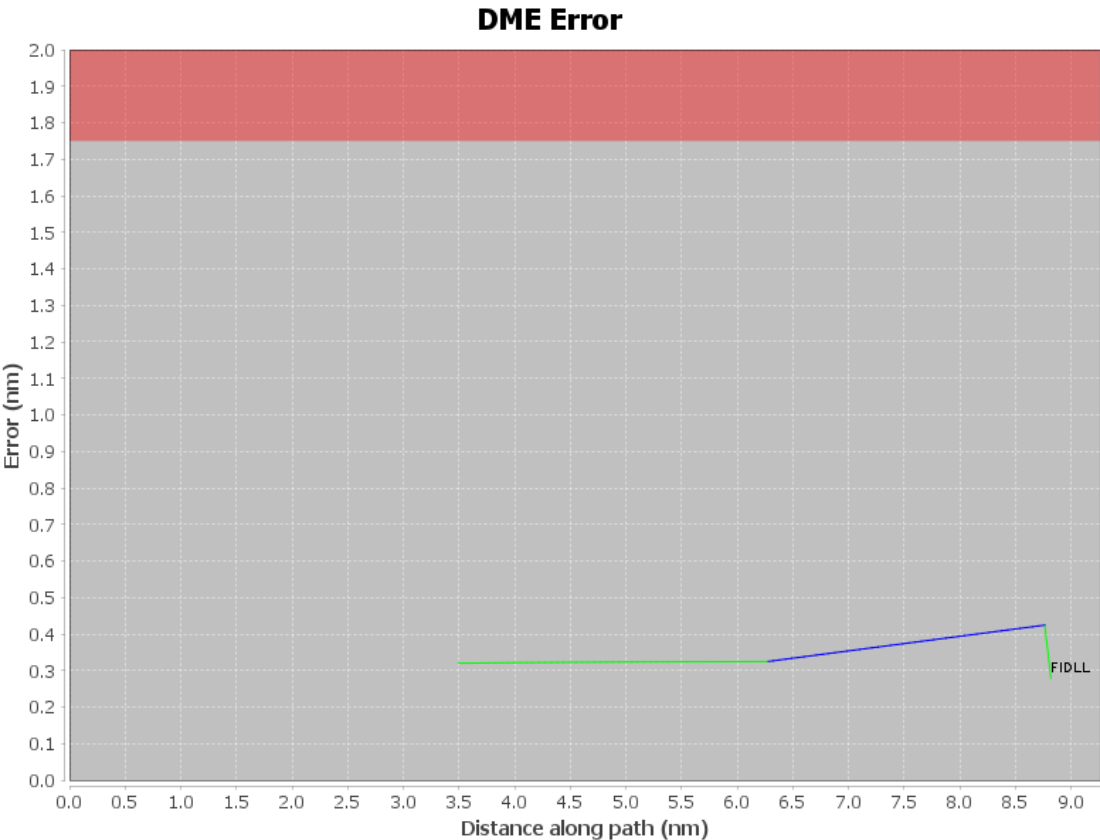
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.5	SYI	HCH				
4.7	HCH	BNA	SYI			
6.3						
8.8	GHM	BNA	SYI	BWG		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 07' 01.5881", W086° 41' 12.1129"	N36° 03' 45.1986", W086° 40' 31.5093"	3.461
2	N36° 01' 05.2243", W086° 39' 21.0204"	N35° 58' 44.0600", W086° 38' 18.8900"	2.4951

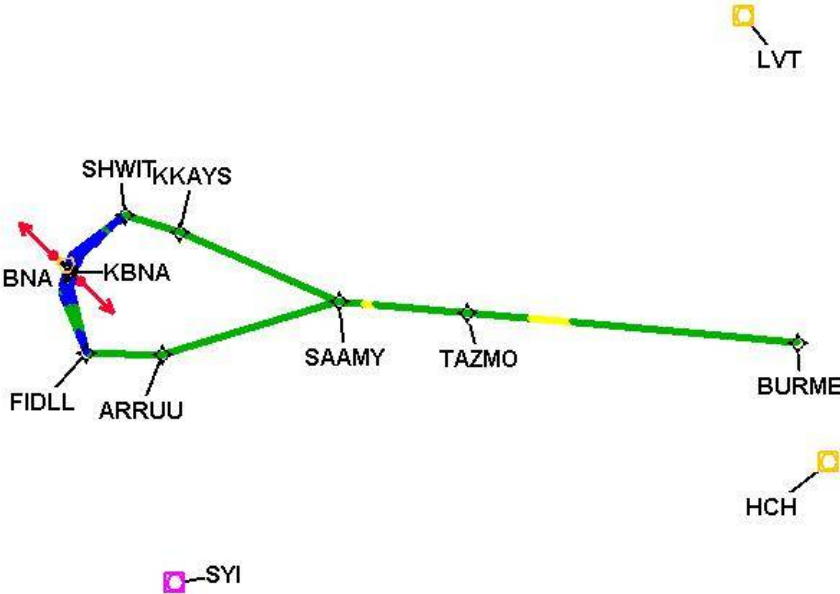
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW20R:DER	FIDLL	SYI, BWG, BNA, HCH, GHM	

DME DME Assessment Results for TAZMO4 path KBNA:RW20R:DER_FIDLL

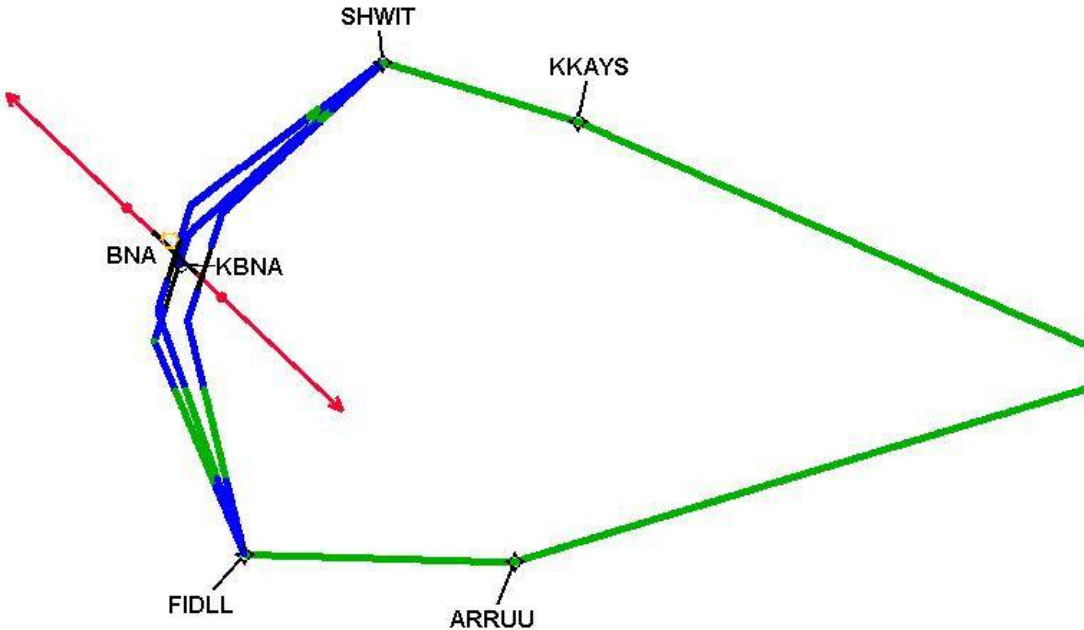
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-13 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		



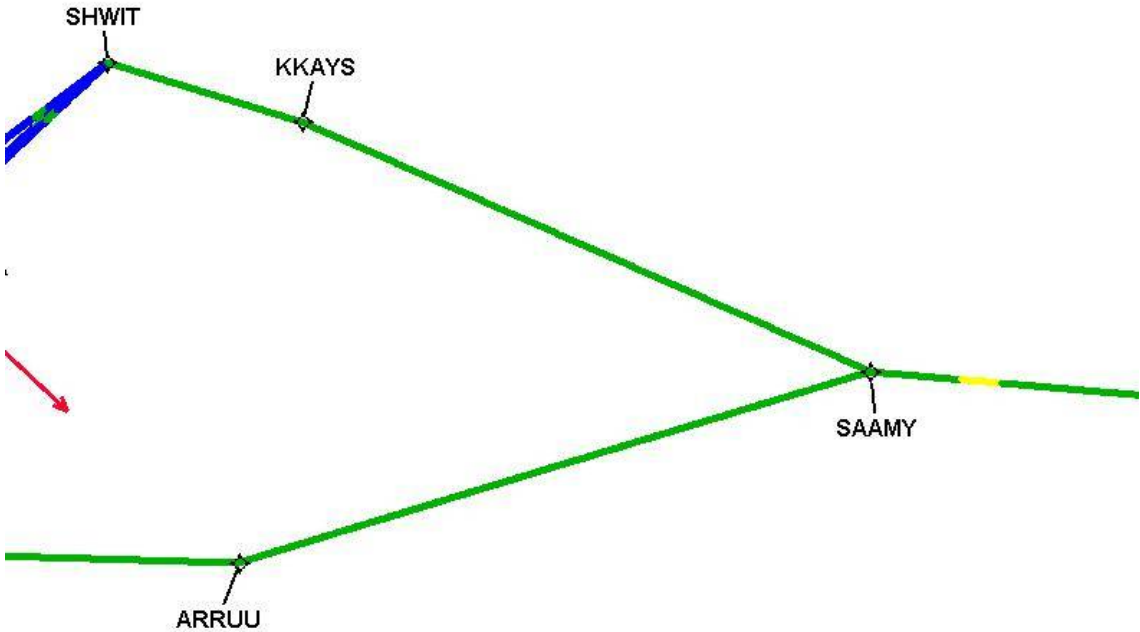
Graphic Depiction 1



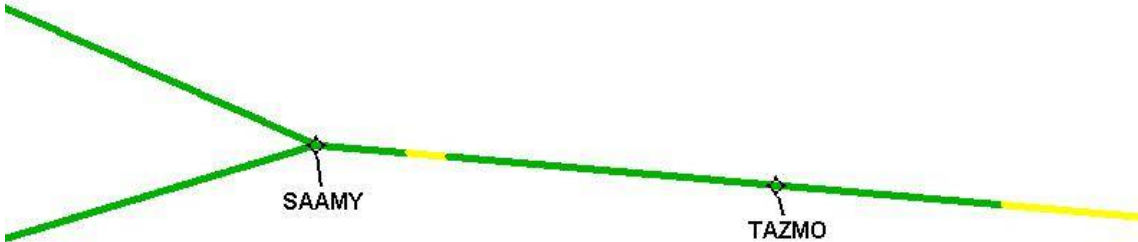
Graphic Depiction 2



Graphic Depiction 3



Graphic Depiction 4



Graphic Depiction 5

