

DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		
2	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
Restriction:		Bearing [True]: 27.0° to 91.0° Bearing [Mag]: 25.0° to 89.0°				Distance: Beyond 6.0 NM Altitude: Below 5500.0 ft		
Restriction:		Bearing [True]: 92.0° to 161.0° Bearing [Mag]: 90.0° to 159.0°				Distance: Beyond 20.0 NM Altitude: Below 3500.0 ft		
Restriction:		Bearing [True]: 2.0° to 26.0° Bearing [Mag]: 0.0° to 24.0°				Distance: Beyond 20.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
3	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
Restriction:		Bearing [True]: 27.0° to 91.0° Bearing [Mag]: 25.0° to 89.0°				Distance: Beyond 6.0 NM Altitude: Below 5500.0 ft		
Restriction:		Bearing [True]: 92.0° to 161.0° Bearing [Mag]: 90.0° to 159.0°				Distance: Beyond 20.0 NM Altitude: Below 3500.0 ft		
Restriction:		Bearing [True]: 2.0° to 26.0° Bearing [Mag]: 0.0° to 24.0°				Distance: Beyond 20.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
4	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
Restriction:		Bearing [True]: 20.0° to 44.0° Bearing [Mag]: 21.0° to 45.0°				Distance: Beyond 30.0 NM Altitude: Below 4500.0 ft		
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		

DME DME Assessment Results for DRURY4 path DRURY_JALAR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\DRURY_JALAR\KBNA DRURY4 SID DRURY JALAR 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
DRURY	WP	N35° 37' 40.5600", W087° 10' 34.8900"	16700	VNAV	240	FLY_BY	TF
JALAR	WP	N35° 00' 42.6900", W087° 34' 07.3700"	16700	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KBNA [IFPA]
Climb Gradient:	None assigned
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 DRURY4 path DRURY_JALAR

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	0.3 %	0.3 %
2	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	100 %	100 %
3	MSL	N34° 42' 24.7265", W087° 29' 29.4618"	0.0 E	130	H		NO	Enabled	100 %	100 %
4	VUZ	N33° 40' 12.4764", W086° 53' 59.4138"	2.0 E	130	H		NO	Enabled	35.4 %	35.4 %
5	RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	L		NO	Enabled	25.4 %	25.4 %
6	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	74.4 %	74.4 %
7	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	69.3 %	69.3 %
8	MKL	N35° 36' 12.8354", W088° 54' 37.5457"	1.0 W	130	DH		NO	Enabled	53.3 %	53.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GHM	BNA	SYI	MSL	MKL	HCH
0.2	GHM	BNA	MSL	MKL	HCH	
22.2	GHM	HCH	MSL	BNA		
26.9	GHM	HCH	MSL	VUZ	BNA	
28.9	HCH	MSL	VUZ	BNA		
31.0	RQZ	BNA	MSL	VUZ		

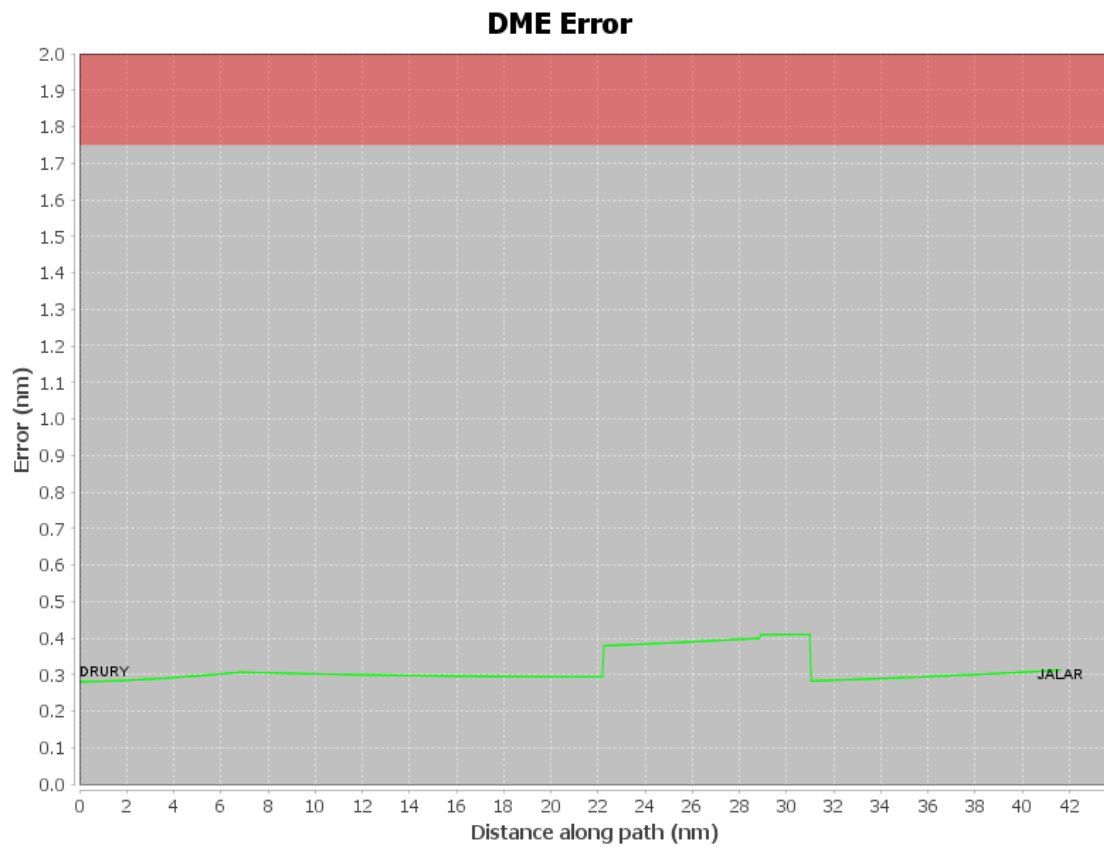
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
DRURY	JALAR	SYI, BNA, MSL, VUZ, RQZ, HCH, GHM, MKL	

DME DME Assessment Results for DRURY4 path DRURY_JALAR

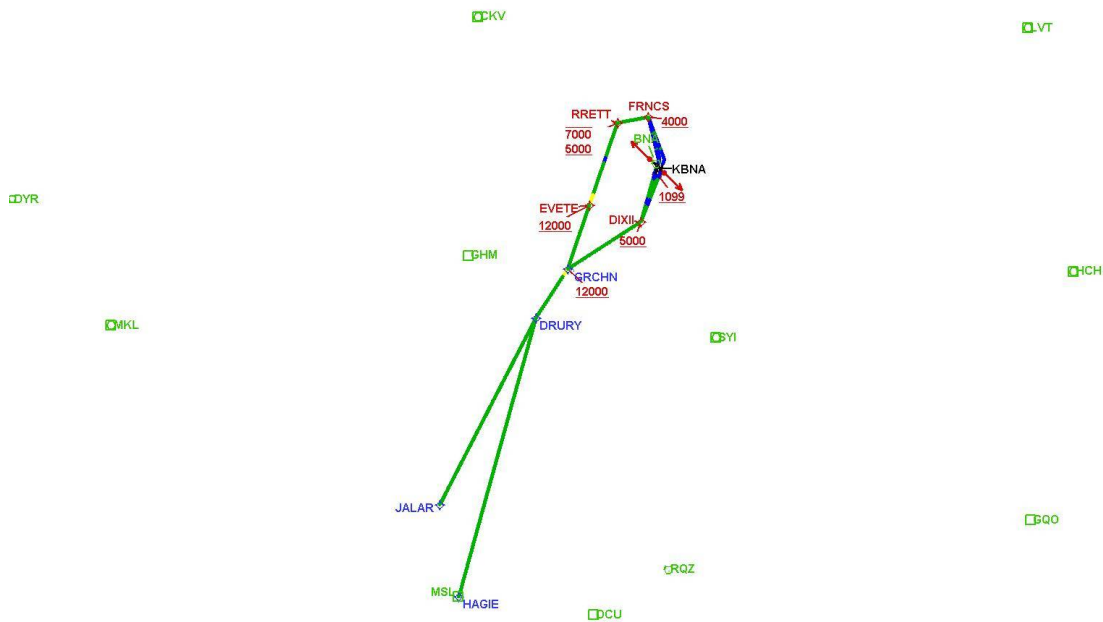
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		

DME DME Assessment Results for DRURY4 path DRURY_JALAR



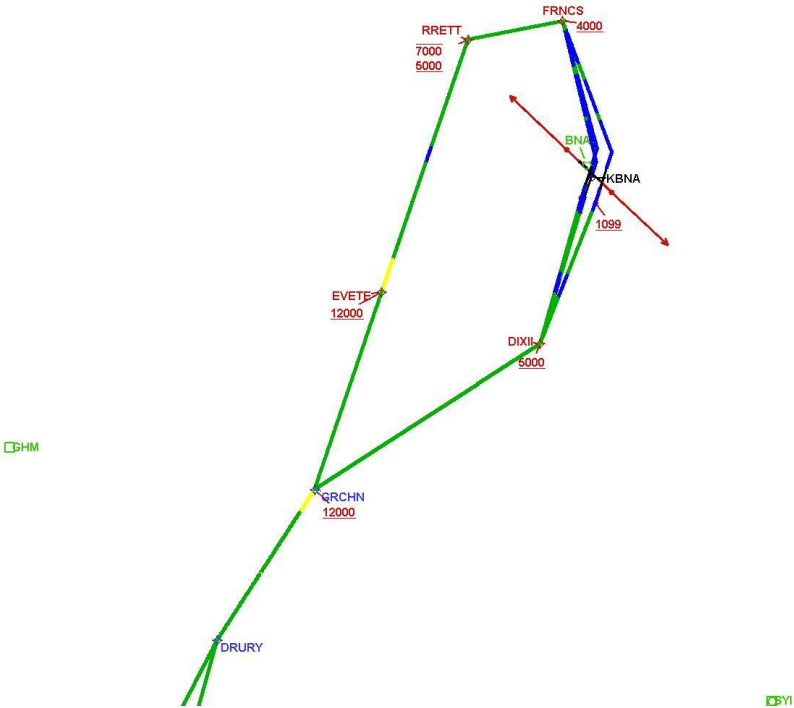
DME DME Assessment Results for DRURY4 path DRURY_JALAR

Graphic Depiction 1

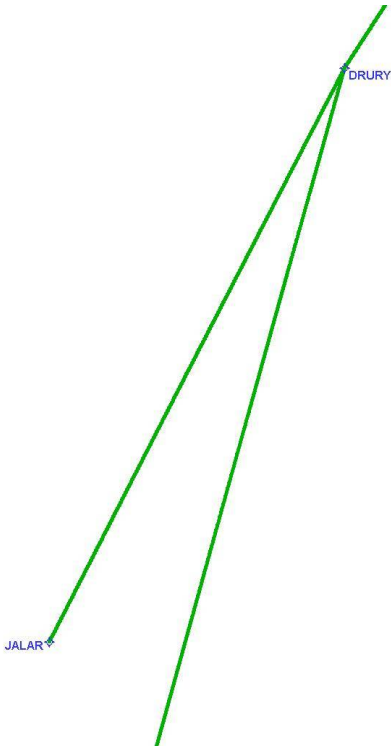


DME DME Assessment Results for DRURY4 path DRURY_JALAR

Graphic Depiction 2

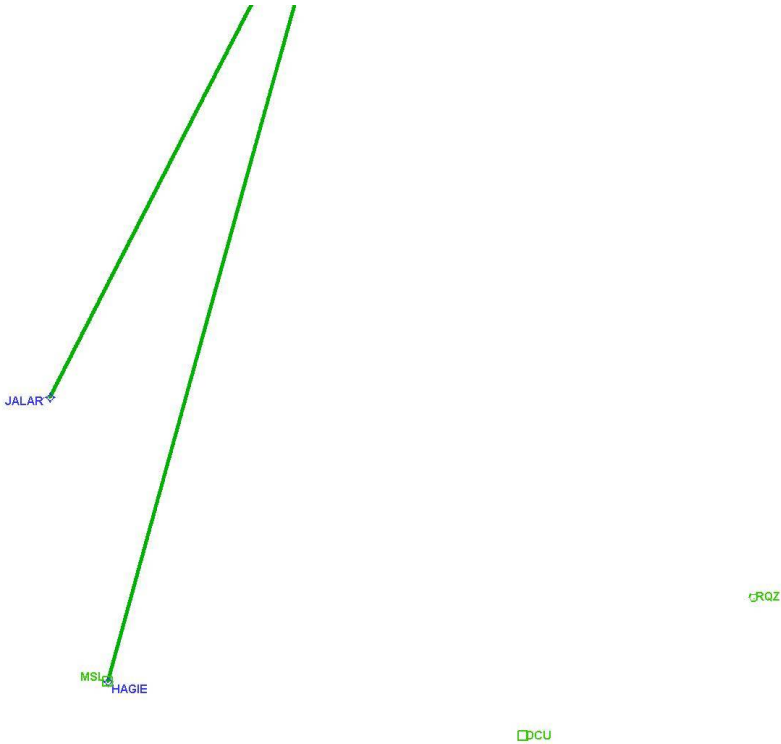


Graphic Depiction 3



DME DME Assessment Results for DRURY4 path DRURY_JALAR

Graphic Depiction 4



DME DME Assessment Results for DRURY4 path KBNA:RW02C:DER_HAGIE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\KBNA-RW02C-DER_HAGIE\KBNA DRURY4 SID RW02C HAGIE 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
KBNA:RW02C:DER	WP	N36° 07' 27.2406", W086° 40' 46.5500"	571.8	VNAV	130	FLY_BY	TF
FRNCS	WP	N36° 17' 31.4600", W086° 43' 02.9800"	4000	VNAV	200	FLY_BY	TF
RRETT	WP	N36° 16' 20.2300", W086° 50' 35.3500"	5242	VNAV	200	FLY_BY	TF
EVETE	WP	N36° 00' 02.8100", W086° 57' 29.2300"	12000	VNAV	240	FLY_BY	TF
GRCHN	WP	N35° 47' 21.0900", W087° 02' 49.6700"	12000	VNAV	240	FLY_BY	TF
DRURY	WP	N35° 37' 40.5600", W087° 10' 34.8900"	16700	VNAV	240	FLY_BY	TF
HAGIE	WP	N34° 42' 25.8700", W087° 29' 29.7600"	16700	VNAV	240	FLY_BY	TF

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

DME DME Assessment Results for DRURY4 path KBNA:RW02C:DER_HAGIE

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	
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	28.9 %	29.3 %
2	LDK	N33° 15' 31.9447", W087° 32' 12.7932"	3.0 W	130	H		NO	Enabled	10.1 %	10.7 %
3	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	89.4 %	91 %
4	MSL	N34° 42' 24.7265", W087° 29' 29.4618"	0.0 E	130	H		NO	Enabled	47.3 %	50.2 %
5	DCU	N34° 38' 53.9324", W086° 56' 22.2459"	0.0 E	40	L		NO	Enabled	23.5 %	24.9 %
6	RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	L		NO	Enabled	0.7 %	0.7 %
7	VUZ	N33° 40' 12.4764", W086° 53' 59.4138"	2.0 E	130	H		NO	Enabled	28.5 %	30.2 %
8	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	54.3 %	57.3 %
9	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	63.6 %	63.7 %
10	MKL	N35° 36' 12.8354", W088° 54' 37.5457"	1.0 W	130	DH		NO	Enabled	48.5 %	50.4 %

DME DME Assessment Results for DRURY4 path KBNA:RW02C:DER_HAGIE

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
3.8	SYI	HCH				
4.0						
6.9	HCH	BNA				
7.4						
9.8	GHM	BNA				
23.8						
24.9	SYI	GHM	BNA			
26.6	SYI	GHM	BNA	MKL		
31.6	GHM	SYI	BNA	MKL	HCH	
58.8	GHM	BNA	MSL	MKL	HCH	
81.2	GHM	HCH	VUZ	BNA	MSL	
84.9	HCH	VUZ	MSL	BNA		
87.1	DCU	BNA	MSL	HCH	VUZ	
97.5	DCU	BNA	MSL	VUZ		
103.6	DCU	MSL	BNA	LDK	VUZ	
113.1	DCU	LDK	BNA	MKL	VUZ	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N36° 07' 29.2491", W086° 40' 45.7461"	N36° 11' 09.3987", W086° 41' 10.1479"	3.7908
2	N36° 11' 22.3505", W086° 41' 13.9677"	N36° 14' 07.4826", W086° 42' 02.7012"	2.8258
3	N36° 14' 36.6229", W086° 42' 11.3071"	N36° 16' 55.8457", W086° 42' 52.4488"	2.3825
4	N36° 09' 27.2451", W086° 53' 30.5957"	N36° 08' 27.3400", W086° 53' 55.9706"	1.0542

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW02C:DER	FRNCS	SYI, BNA, HCH, GHM	
FRNCS	RRETT	BNA, GHM	
RRETT	EVETE	SYI, BNA, HCH, GHM, MKL	
EVETE	GRCHN	SYI, BNA, HCH, GHM, MKL	
GRCHN	DRURY	SYI, BNA, MSL, RQZ, HCH, GHM, MKL	
DRURY	HAGIE	LDK, BNA, MSL, DCU, VUZ, HCH, GHM, MKL	

DME DME Assessment Results for DRURY4 path KBNA:RW02C:DER_HAGIE

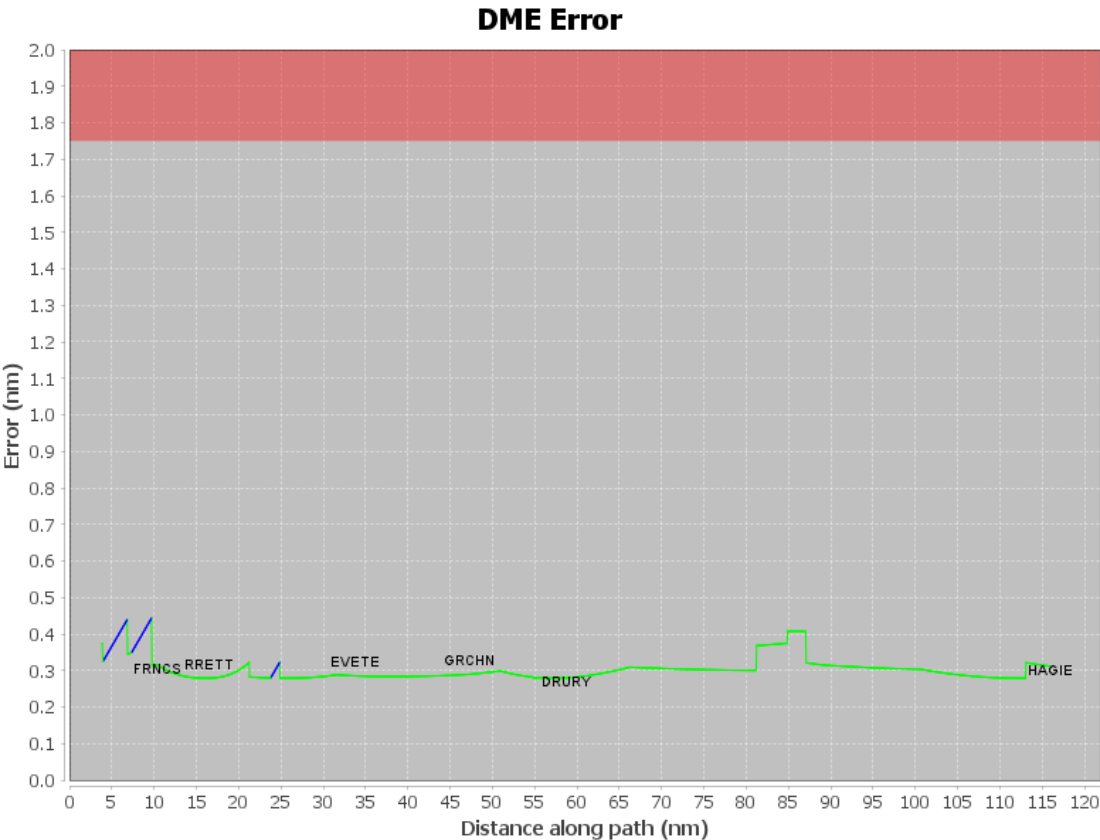
User Data Files

File Name

None

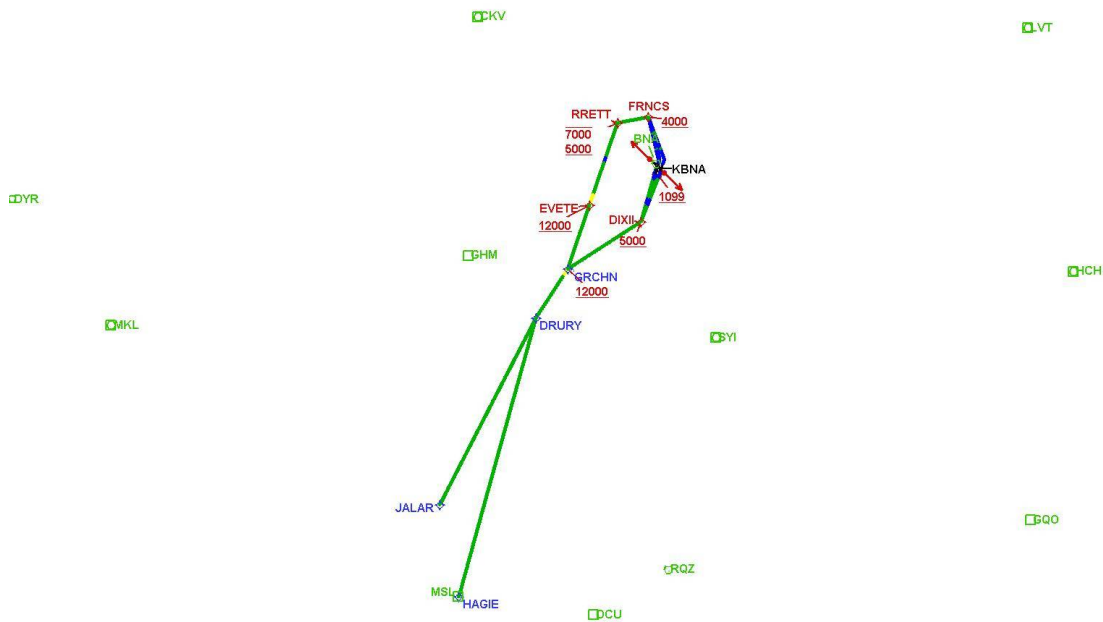
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		



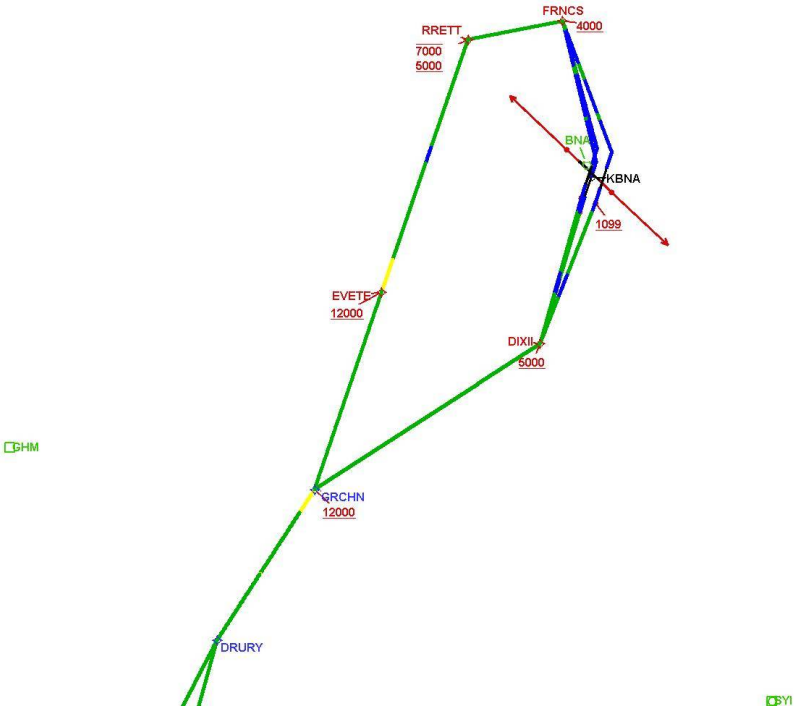
DME DME Assessment Results for DRURY4 path KBNA:RW02C:DER_HAGIE

Graphic Depiction 1

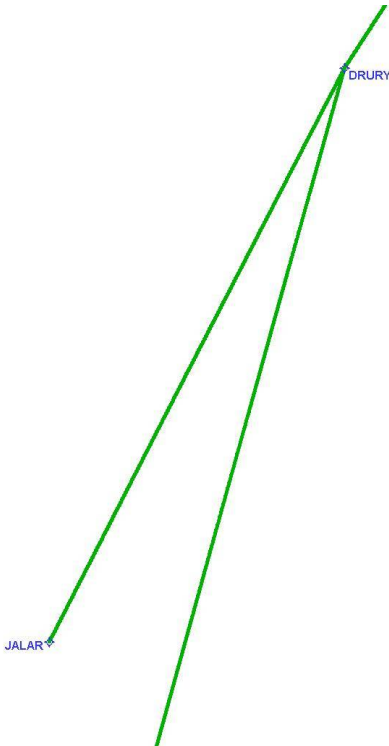


DME DME Assessment Results for DRURY4 path KBNA:RW02C:DER_HAGIE

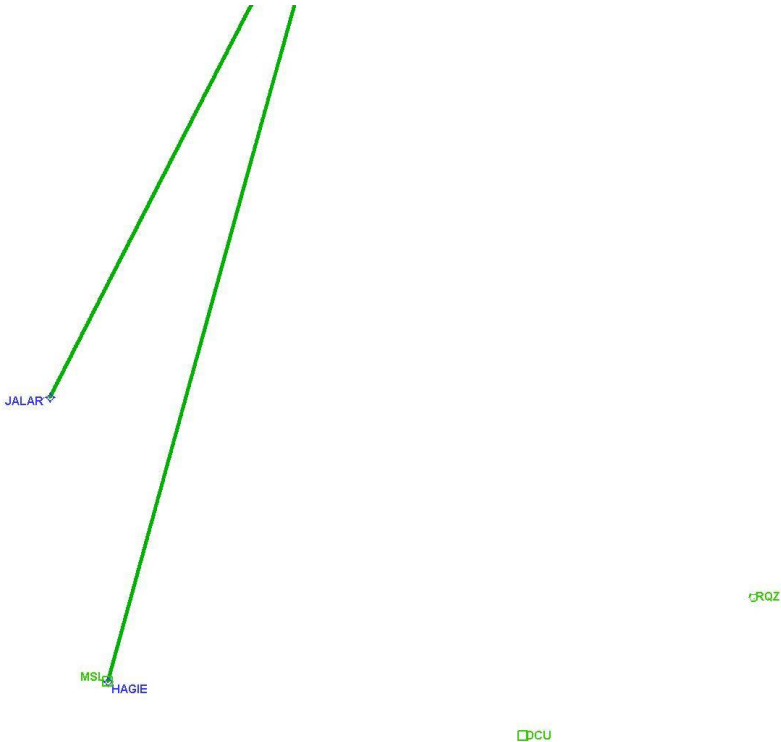
Graphic Depiction 2



Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for DRURY4 path KBNA:RW02L:DER_FRNCS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\KBNA-RW02L-DER_FRNCS\KBNA DRURY4 SID RW02L FRNCS 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
KBNA:RW02L:DER	WP	N36° 08' 16.2324", W086° 40' 42.8335"	555.6	VNAV	130	FLY_BY	TF
FRNCS	WP	N36° 17' 31.4600", W086° 43' 02.9800"	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 DRURY4 path KBNA:RW02L:DER_FRNCS

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	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	13.2 %	13.9 %
2	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	7.7 %	8.1 %
3	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	5.5 %	5.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
6.0	HCH	BNA				
6.9						
9.0	GHM	BNA				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 08' 18.2396", W086° 40' 42.0460"	N36° 14' 05.2457", W086° 41' 54.0728"	5.9973
2	N36° 14' 53.5784", W086° 42' 10.2139"	N36° 16' 59.2399", W086° 42' 52.2066"	2.1666

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

DME DME Assessment Results for DRURY4 path KBNA:RW02L:DER_FRNCS

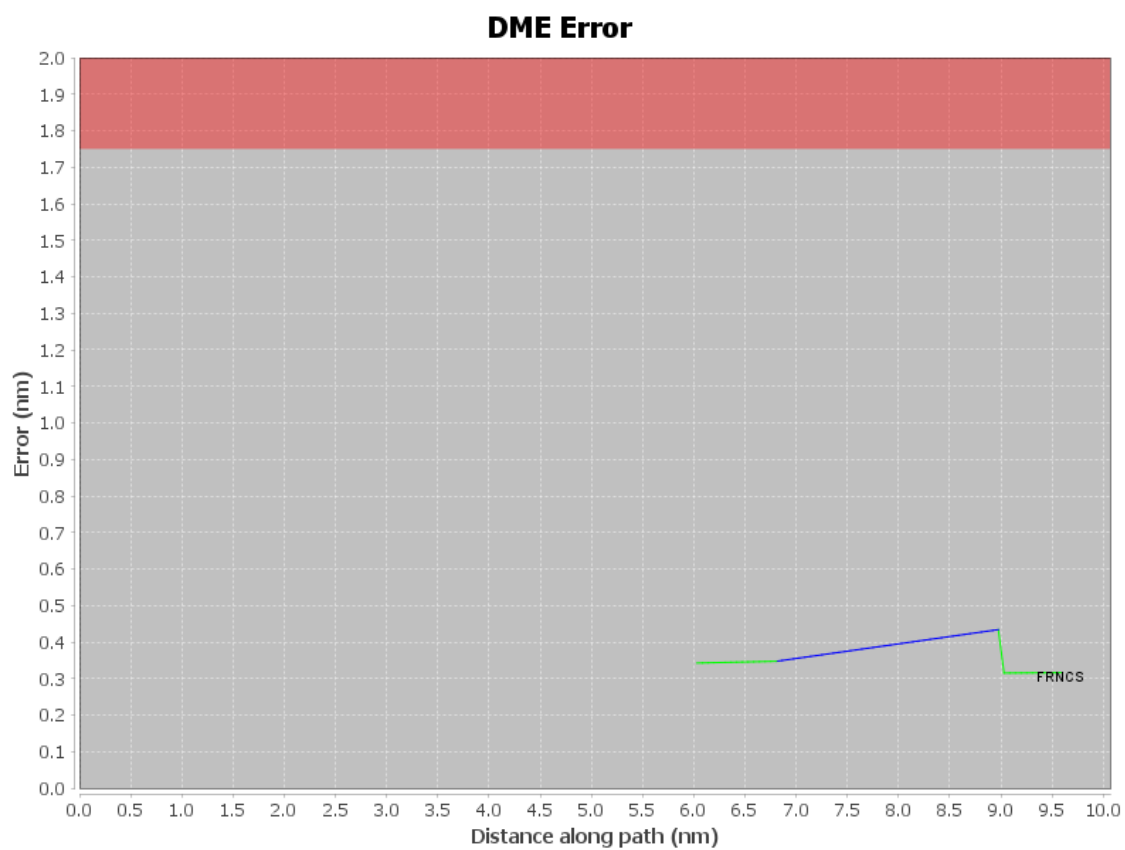
User Data Files

File Name

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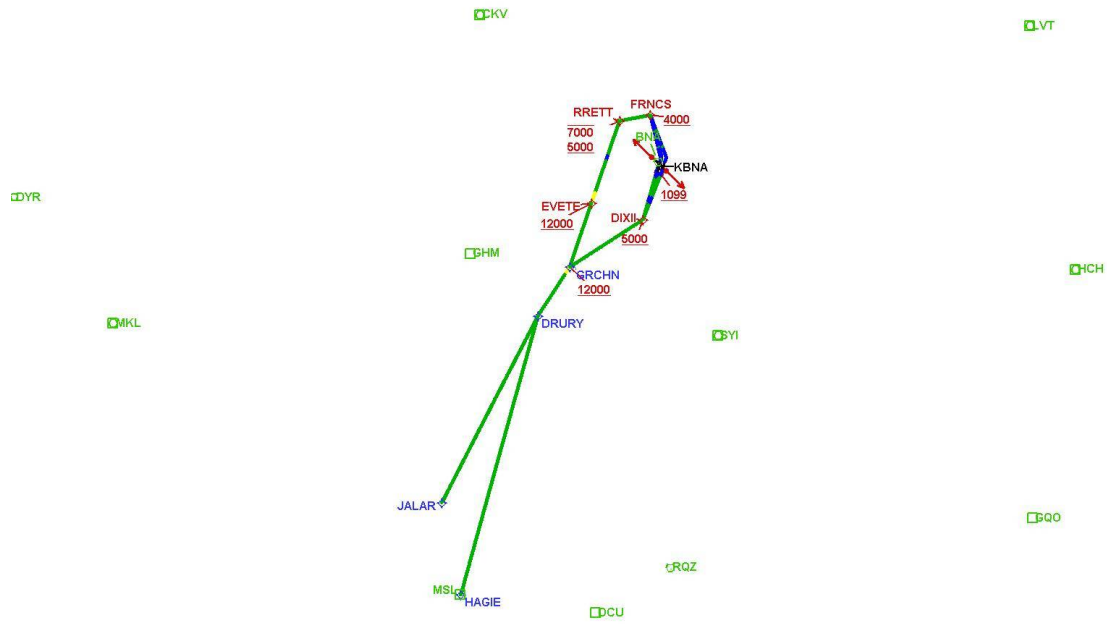
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		



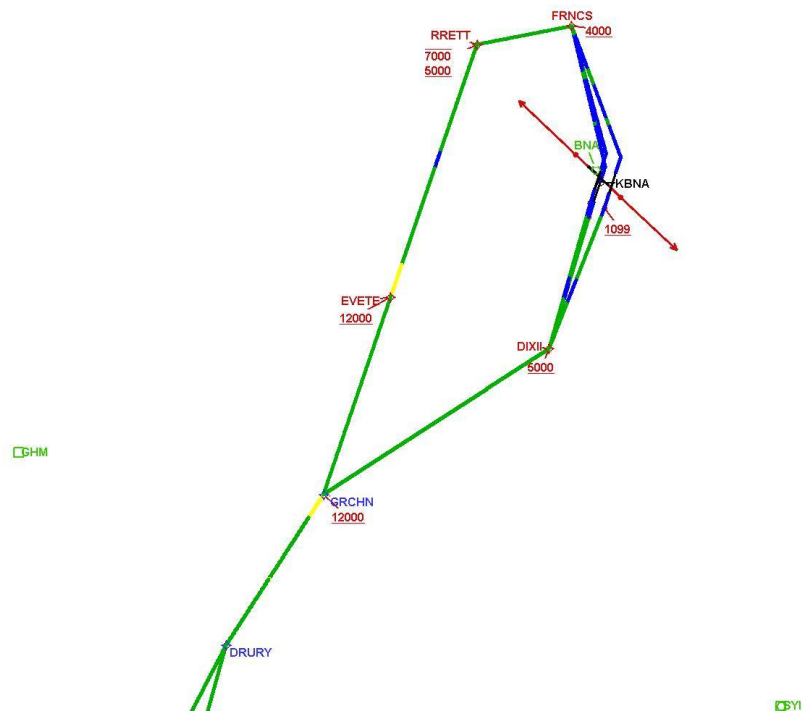
DME DME Assessment Results for DRURY4 path KBNA:RW02L:DER_FRNCS

Graphic Depiction 1



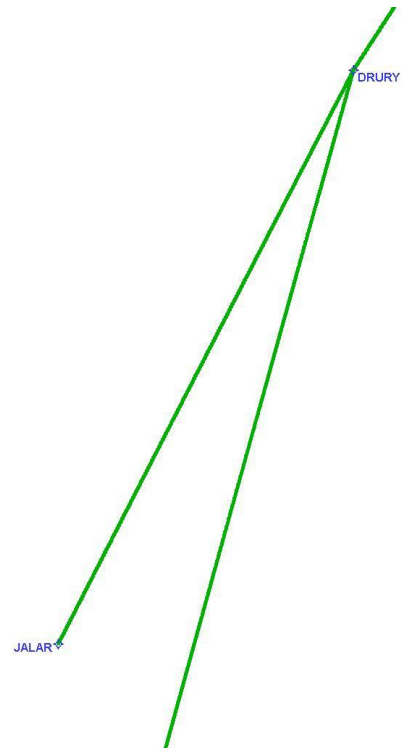
DME DME Assessment Results for DRURY4 path KBNA:RW02L:DER_FRNCS

Graphic Depiction 2

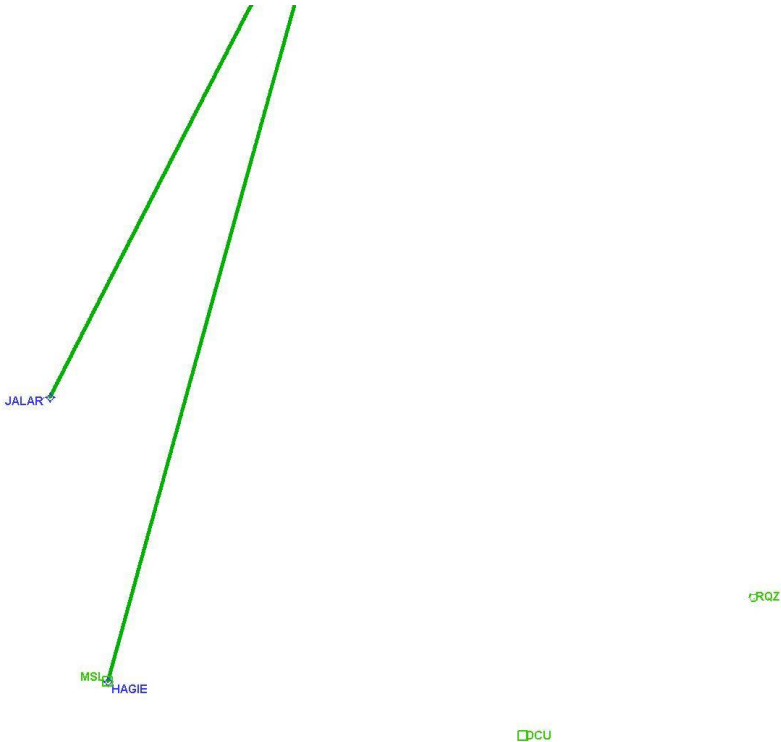


DME DME Assessment Results for DRURY4 path KBNA:RW02L:DER_FRNCS

Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for DRURY4 path KBNA:RW02R:DER_FRNCS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\KBNA-RW02R-DER_FRNCS\KBNA DRURY4 SID RW02R FRNCS 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
KBNA:RW02R:DER	WP	N36° 08' 01.0116", W086° 39' 33.3955"	540	VNAV	130	FLY_BY	TF
FRNCS	WP	N36° 17' 31.4600", W086° 43' 02.9800"	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 DRURY4 path KBNA:RW02R:DER_FRNCS

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	4.1 %	4.4 %
2	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	17.1 %	18 %
3	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	14 %	14.7 %
4	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	5.7 %	6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.3	SYI	HCH	BNA			
3.5	SYI	HCH				
3.8						
6.1	HCH	BNA				
7.2						
9.5	GHM	BNA				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 08' 03.0725", W086° 39' 32.5704"	N36° 11' 09.2231", W086° 40' 05.4436"	3.2936
2	N36° 11' 37.1944", W086° 40' 18.4178"	N36° 13' 44.6136", W086° 41' 17.5550"	2.2657
3	N36° 14' 46.7661", W086° 41' 46.4217"	N36° 16' 57.2795", W086° 42' 47.0832"	2.3209

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW02R:DER	FRNCS	SYI, BNA, HCH, GHM	

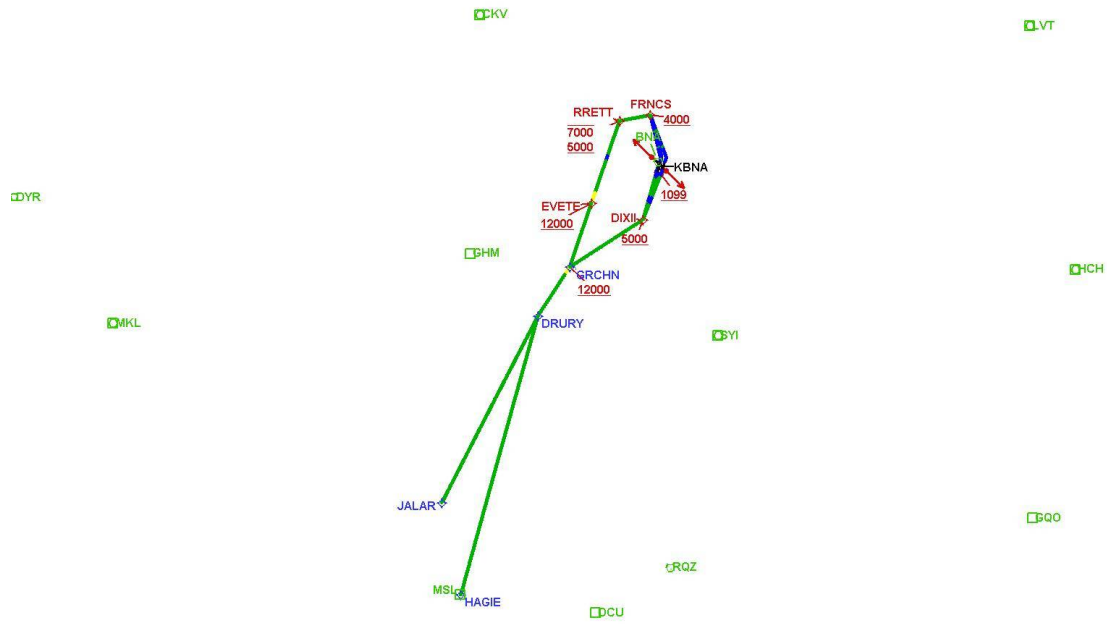
DME DME Assessment Results for DRURY4 path KBNA:RW02R:DER_FRNCS

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		



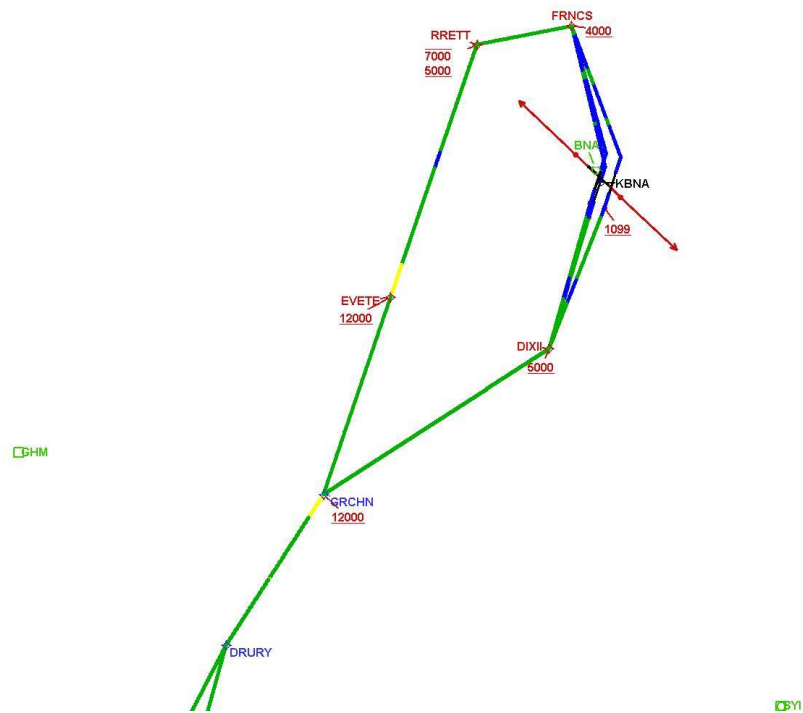
DME DME Assessment Results for DRURY4 path KBNA:RW02R:DER_FRNCS

Graphic Depiction 1

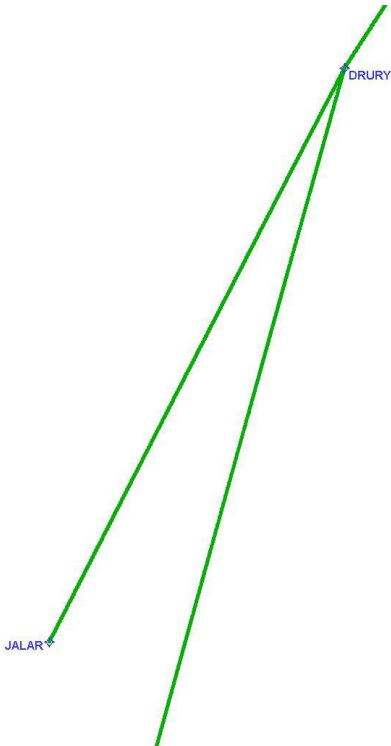


DME DME Assessment Results for DRURY4 path KBNA:RW02R:DER_FRNCS

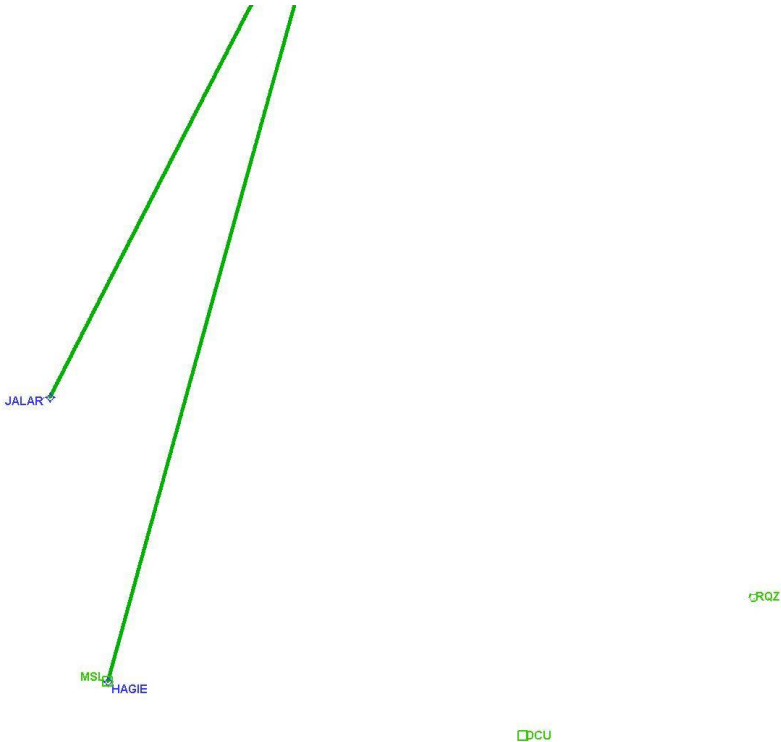
Graphic Depiction 2



Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for DRURY4 path KBNA:RW20C:DER_GRCHN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\KBNA-RW20C-DER_GRCHN\KBNA DRURY4 SID RW20C GRCHN 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
KBNA:RW20C:DER	WP	N36° 06' 11.9899", W086° 41' 16.6591"	569.1	VNAV	130	FLY_OVER	TF
DIXII	WP	N35° 56' 44.4000", W086° 44' 50.8300"	5000	VNAV	200	FLY_BY	TF
GRCHN	WP	N35° 47' 21.0900", W087° 02' 49.6700"	12000	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 DRURY4 path KBNA:RW20C:DER_GRCHN

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	81.8 %	85.6 %
2	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	89.9 %	92.1 %
3	RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	L		NO	Enabled	7.5 %	9 %
4	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	25.9 %	23.4 %
5	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	69.8 %	75.8 %
6	MKL	N35° 36' 12.8354", W088° 54' 37.5457"	1.0 W	130	DH		NO	Enabled	27.8 %	31.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.0	HCH	BNA				
2.8	HCH	BNA	SYI			
5.5						
6.6	GHM	SYI	BNA			
18.6	SYI	BNA	GHM	MKL		
24.8	SYI	BNA	RQZ	GHM	MKL	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 06' 09.9710", W086° 41' 17.4667"	N36° 05' 13.4425", W086° 41' 40.0735"	0.9891
2	N36° 00' 56.7661", W086° 43' 16.3735"	N35° 59' 54.2556", W086° 43' 39.7866"	1.0874

DME DME Assessment Results for DRURY4 path KBNA:RW20C:DER_GRCHN

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
KBNA:RW20C:DER	DIXII	SYI, BNA, HCH, GHM	
DIXII	GRCHN	SYI, BNA, RQZ, HCH, GHM, MKL	

User Data Files

File Name

None

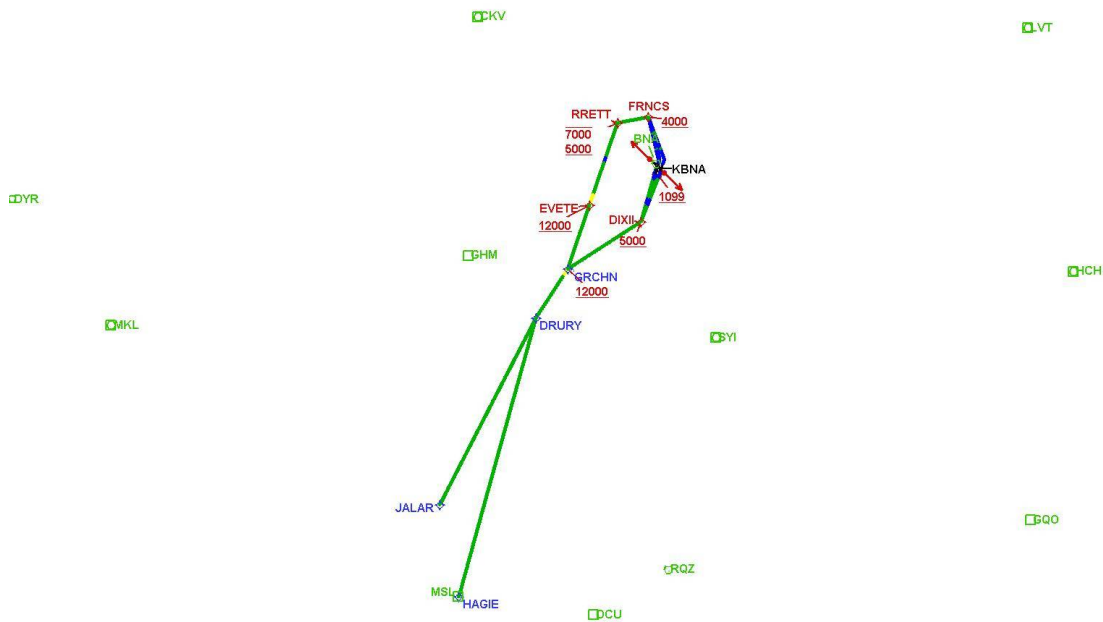
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		



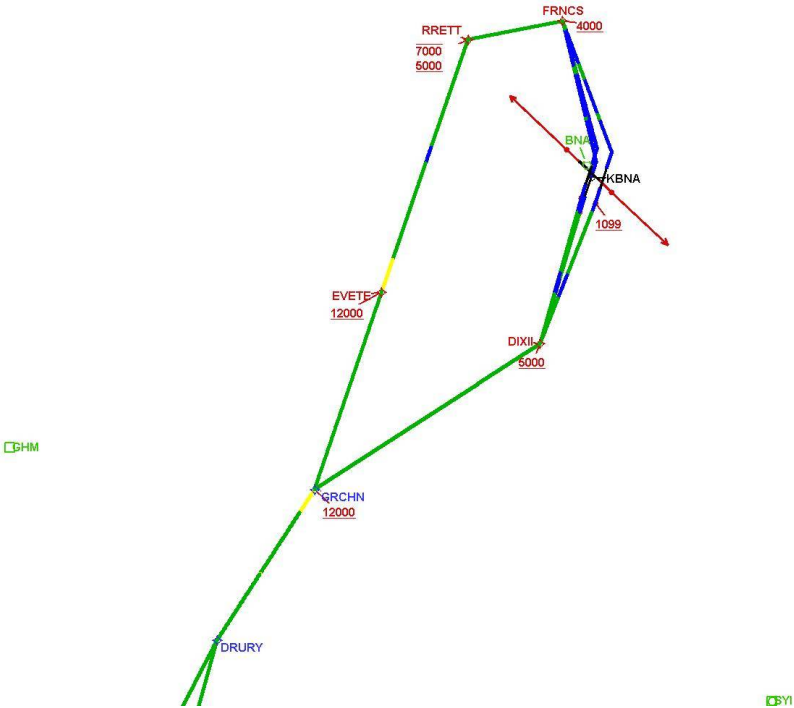
DME DME Assessment Results for DRURY4 path KBNA:RW20C:DER_GRCHN

Graphic Depiction 1

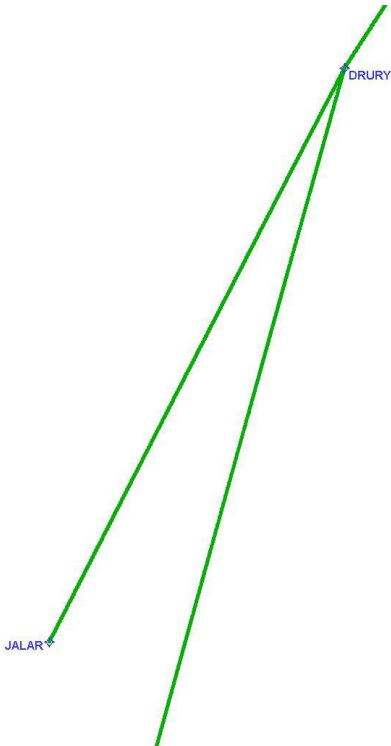


DME DME Assessment Results for DRURY4 path KBNA:RW20C:DER_GRCHN

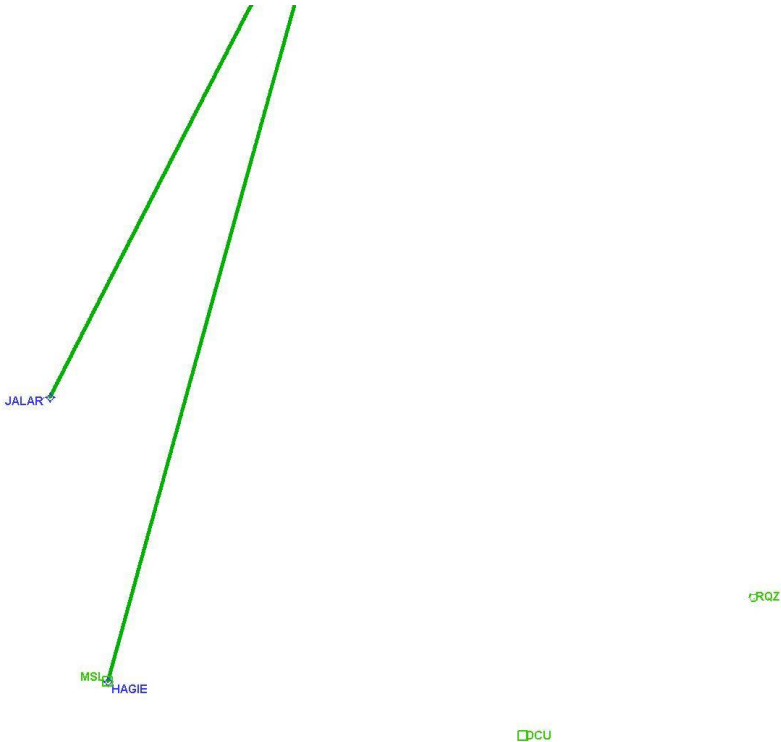
Graphic Depiction 2



Graphic Depiction 3



Graphic Depiction 4



DME DME Assessment Results for DRURY4 path KBNA:RW20L:DER_DIXII

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\KBNA-RW20L-DER_DIXII\KBNA DRURY4 SID RW20L DIXII 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
KBNA:RW20L:DER	WP	N36° 06' 45.7670", W086° 40' 03.5138"	589.8	VNAV	130	FLY_OVER	TF
DIXII	WP	N35° 56' 44.4000", W086° 44' 50.8300"	5000	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 DRURY4 path KBNA:RW20L:DER_DIXII

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	59.4 %	61.3 %
2	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	67.9 %	69.6 %
3	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	40.9 %	39.6 %
4	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	26.9 %	29.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.6	HCH	BNA				
2.4	HCH	BNA	SYI			
3.7	HCH	BNA				
3.8	HCH	BNA	SYI			
5.9						
7.5	GHM	SYI	BNA			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 06' 43.7564", W086° 40' 04.3022"	N36° 05' 13.8022", W086° 40' 42.7950"	1.5868
2	N36° 01' 13.7068", W086° 42' 39.8206"	N35° 59' 43.9426", W086° 43' 23.5179"	1.6065

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

DME DME Assessment Results for DRURY4 path KBNA:RW20L:DER_DIXII

User Data Files

File Name

None

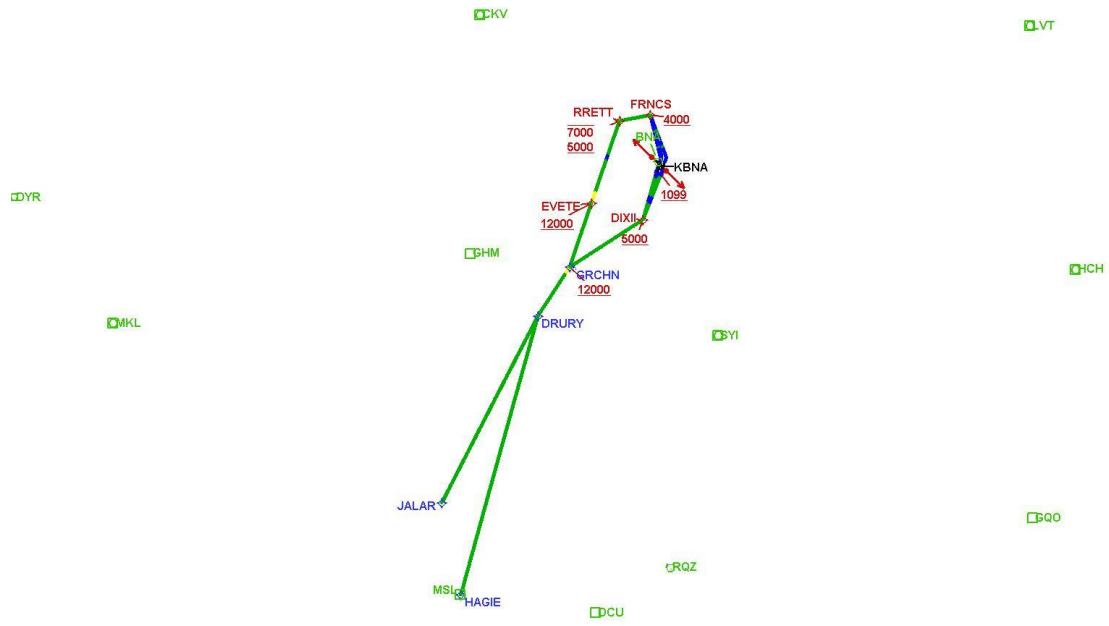
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		



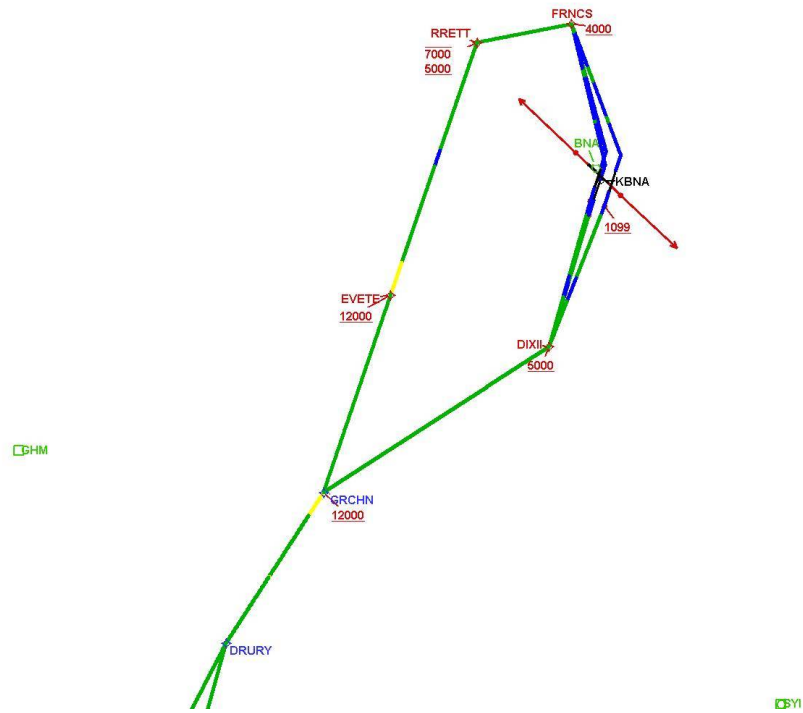
DME DME Assessment Results for DRURY4 path KBNA:RW20L:DER_DIXII

Graphic Depiction 1



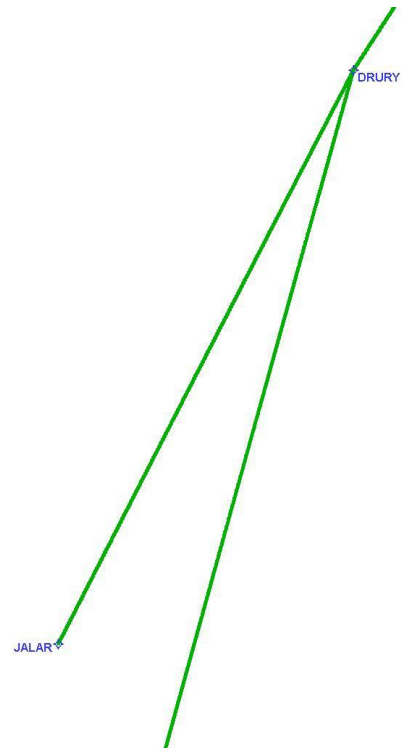
DME DME Assessment Results for DRURY4 path KBNA:RW20L:DER_DIXII

Graphic Depiction 2



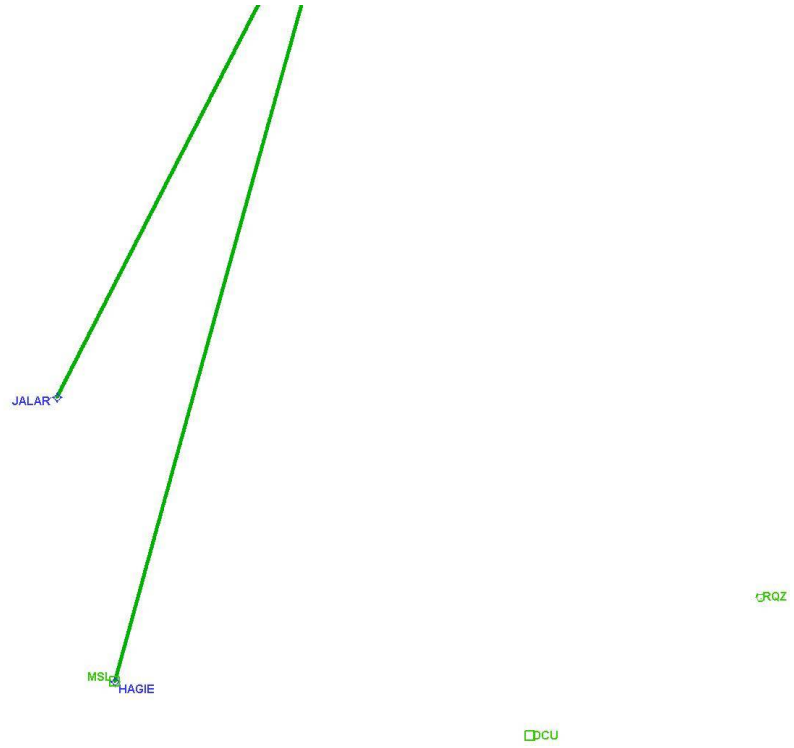
DME DME Assessment Results for DRURY4 path KBNA:RW20L:DER_DIXII

Graphic Depiction 3



DME DME Assessment Results for DRURY4 path KBNA:RW20L:DER_DIXII

Graphic Depiction 4



DME DME Assessment Results for DRURY4 path KBNA:RW20R:DER_DIXII

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA DRURY4 (RNAV) SID DME 03 MAR 2025.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\BNA SIDs\DRURY4 SID\DME\KBNA [IFPA] DRURY4 20250303_1426 EST\KBNA-RW20R-DER_DIXII\KBNA DRURY4 SID RW20R DIXII 20250303_1426 EST.pdf
Procedure Name:	DRURY4
Software: DmeDmePlugin:	7.4.1
Date/Time:	03/03/2025 14:26 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
KBNA:RW20R:DER	WP	N36° 07' 03.6342", W086° 41' 11.3105"	598.7	VNAV	130	FLY_OVER	TF
DIXII	WP	N35° 56' 44.4000", W086° 44' 50.8300"	5000	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 DRURY4 path KBNA:RW20R:DER_DIXII

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	53.7 %	55.8 %
2	BNA	N36° 08' 13.0573", W086° 41' 05.1762"	2.0 W	130	H		NO	Enabled	66.8 %	68.6 %
3	HCH	N35° 46' 51.6470", W084° 58' 42.4280"	2.0 W	130	DH		NO	Enabled	38.3 %	37.1 %
4	GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	L		NO	Enabled	28.5 %	31.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
1.9	HCH	BNA				
3.3	HCH	BNA	SYI			
5.9						
7.3	GHM	SYI	BNA			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 07' 01.5881", W086° 41' 12.1129"	N36° 05' 15.2626", W086° 41' 51.7188"	1.85
2	N36° 01' 23.0630", W086° 43' 13.2126"	N35° 59' 59.4668", W086° 43' 42.5179"	1.4466

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

DME DME Assessment Results for DRURY4 path KBNA:RW20R:DER_DIXII

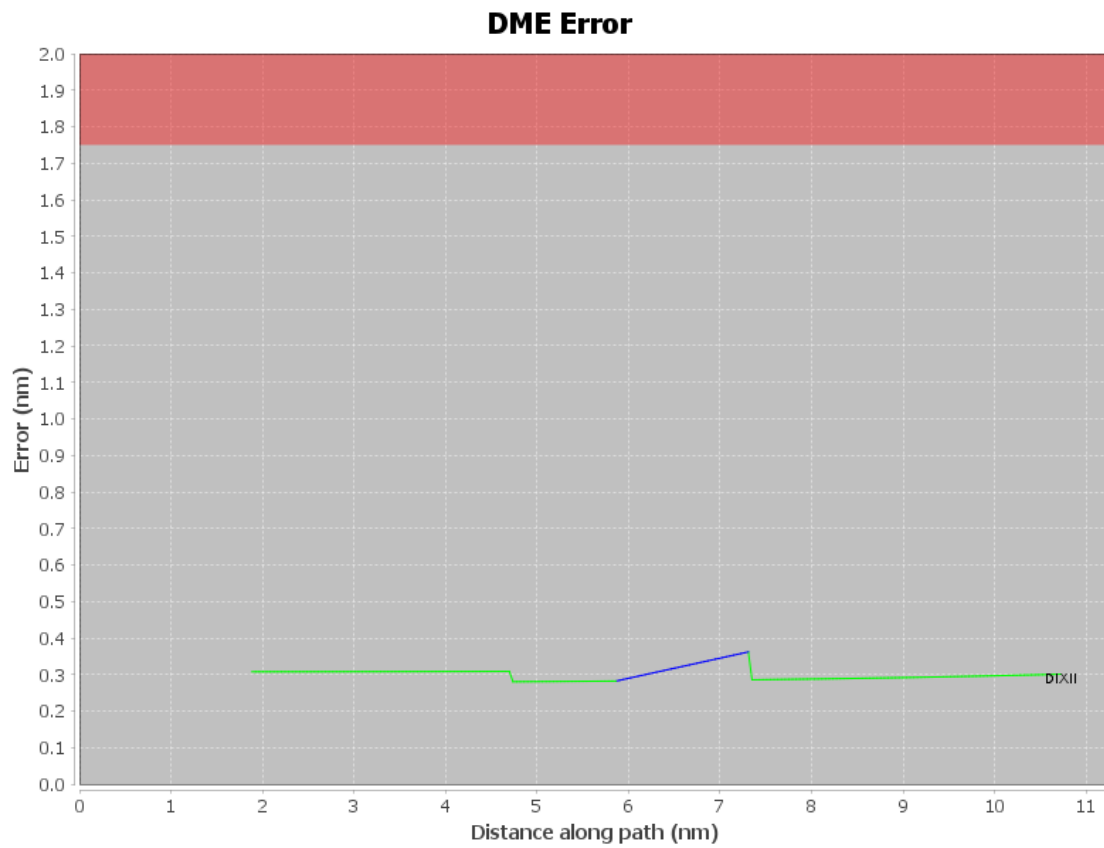
User Data Files

File Name

None

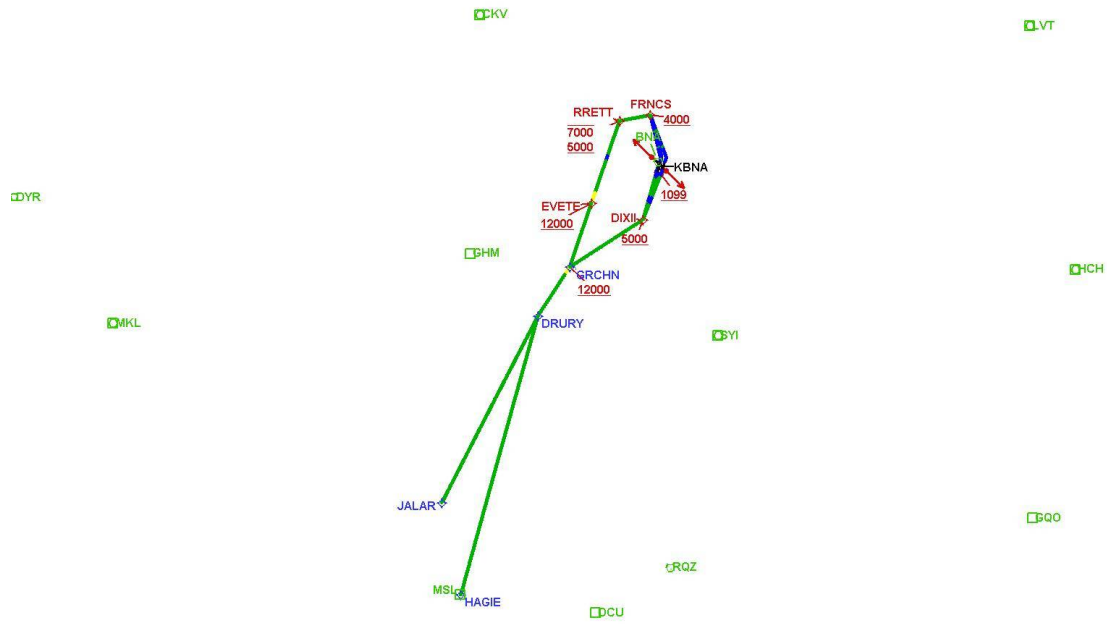
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	RQZ FAA 720498-18 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-18	
ESV:		Bearing [True]: 340.0° to 350.0° Bearing [Mag]: 338.0° to 348.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	SYI FAA 190654-8 SYI	N35° 33' 43.1090", W086° 26' 20.9383"	1.0 W	40	813	113.55	SYI FAA 190654-8	
ESV:		Bearing [True]: 312.0° to 331.0° Bearing [Mag]: 313.0° to 332.0°				Arc Distance: Out to 62.0 NM Altitude: 3900.0 to 16000.0 ft		
3	RQZ FAA 720498-14 RQZ	N34° 47' 50.0607", W086° 38' 01.8476"	2.0 E	40	1198.3	112.2	RQZ FAA 720498-14	
ESV:		Bearing [True]: 283.0° to 301.0° Bearing [Mag]: 281.0° to 299.0°				Arc Distance: Out to 52.0 NM Altitude: 12000.0 to 25000.0 ft		
4	GHM FAA 755483-17 GHM	N35° 50' 02.1911", W087° 27' 06.4824"	0.0 E	40	774.1	111.6	GHM FAA 755483-17	
ESV:		Bearing [True]: 40.0° to 58.0° Bearing [Mag]: 40.0° to 58.0°				Arc Distance: Out to 65.0 NM Altitude: 3800.0 to 20000.0 ft		



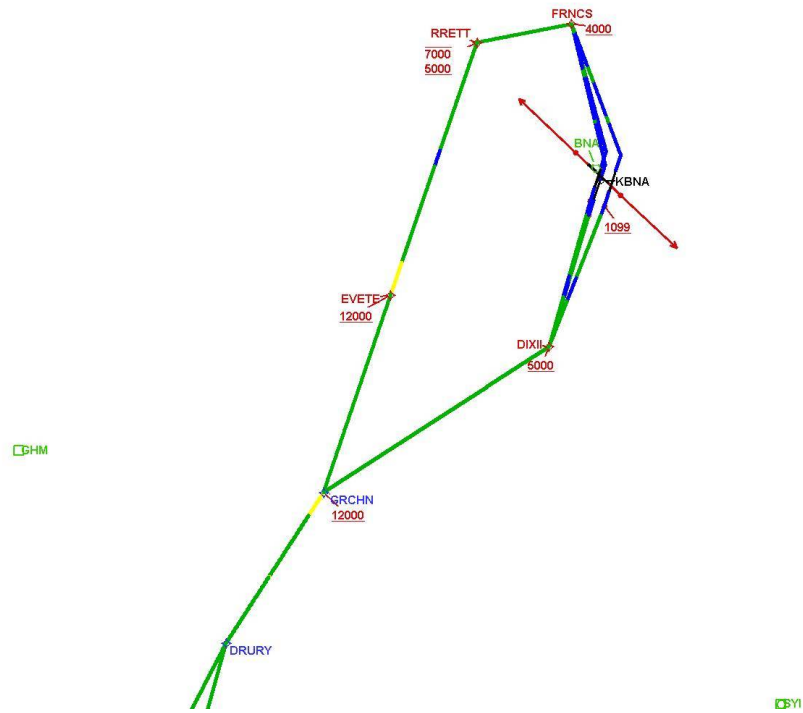
DME DME Assessment Results for DRURY4 path KBNA:RW20R:DER_DIXII

Graphic Depiction 1



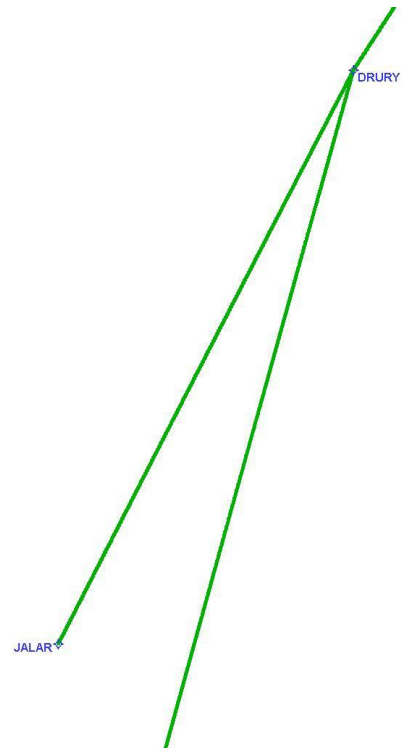
DME DME Assessment Results for DRURY4 path KBNA:RW20R:DER_DIXII

Graphic Depiction 2



DME DME Assessment Results for DRURY4 path KBNA:RW20R:DER_DIXII

Graphic Depiction 3



DME DME Assessment Results for DRURY4 path KBNA:RW20R:DER_DIXII

Graphic Depiction 4

