

DME DME Assessment Results for GAVNN8 path AAJAY_NXHAL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\GAVNN8 DME 250916.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\KCVG [IFPA] GAVNN8 20250916_1011 EDT\AAJAY_NXHAL\KCVG GAVNN8 RNAV STAR AAJAY NXHAL 20250916_1011 EDT.pdf
Procedure Name:	GAVNN8
Software: DmeDmePlugin:	7.5.1
Date/Time:	09/16/2025 10:11 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
AAJAY	WP	N38° 55' 57.5600", W084° 32' 25.4600"	5000	VNAV	210	FLY_BY	TF
IGOCO	WP	N38° 59' 45.7400", W084° 32' 05.0900"	5000	VNAV	210	FLY_BY	TF
NXHAL	WP	N39° 02' 45.9100", W084° 32' 04.2400"	5000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCVG [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 GAVNN8 path AAJAY_NXHAL

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:	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	IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	H		NO	Enabled	89.8 %	89.8 %
2	CVG	N39° 00' 57.5308", W084° 42' 12.0468"	4.0 W	40	L		NO	Enabled	100 %	100 %
3	FLM	N38° 38' 57.9891", W084° 18' 38.1660"	-0.0 E	130	DH		NO	Enabled	100 %	100 %
4	HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	L		NO	Enabled	96.6 %	96.6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	IIU	CVG	FLM	HYK		
6.2	HYK	CVG	FLM			
6.6	CVG	FLM				

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
AAJAY	IGOCO	IIU, CVG, FLM, HYK	
IGOCO	NXHAL	IIU, CVG, FLM, HYK	

DME DME Assessment Results for GAVNN8 path AAJAY_NXHAL

User Data Files

#	File Name
None	

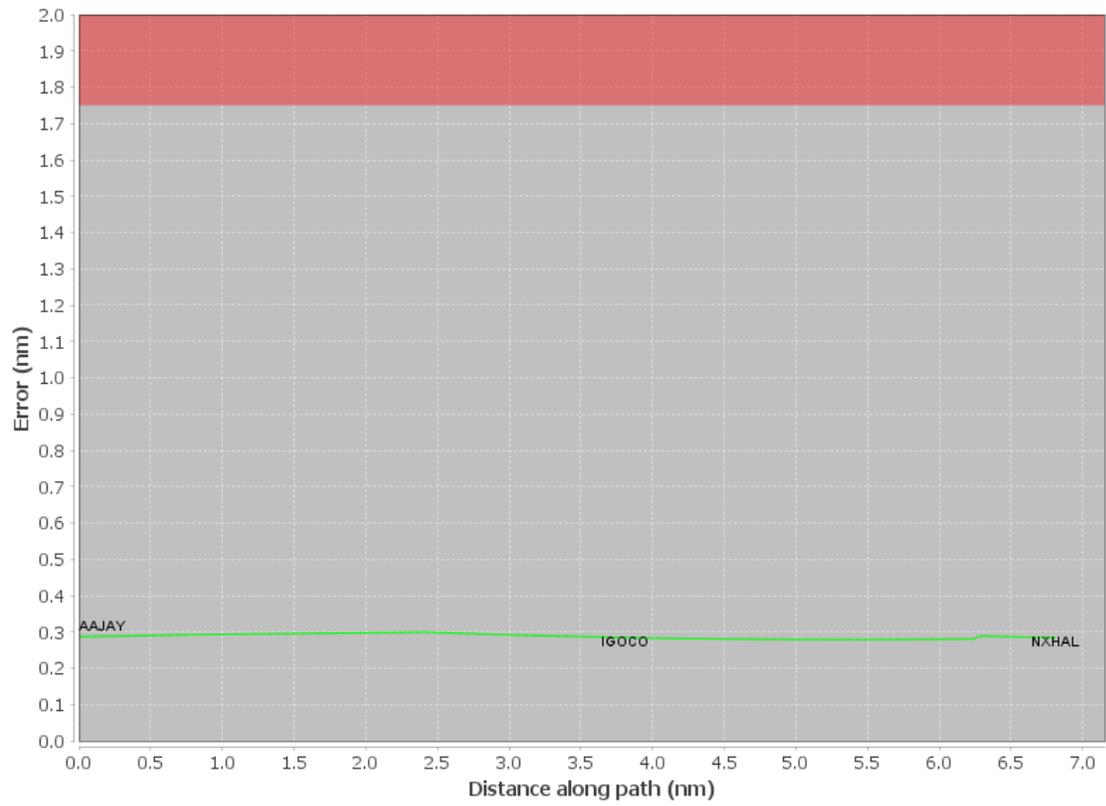
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU FAA 704184-50 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-50	
ESV:		Bearing [True]: 33.0° to 75.0° Bearing [Mag]: 32.0° to 74.0°				Arc Distance: Out to 71.0 NM Altitude: 4500.0 to 15300.0 ft		
2	HYK FAA 680420-31 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-31	
ESV:		Bearing [True]: 342.0° to 21.0° Bearing [Mag]: 342.0° to 21.0°				Arc Distance: Out to 61.0 NM Altitude: 3500.0 to 12000.0 ft		
3	HYK FAA 680420-18 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-18	
ESV:		Bearing [True]: 347.0° to 2.0° Bearing [Mag]: 347.0° to 2.0°				Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 12000.0 ft		
4	IIU FAA 704184-87 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-87	
ESV:		Bearing [True]: 38.0° to 47.0° Bearing [Mag]: 37.0° to 46.0°				Arc Distance: Out to 77.0 NM Altitude: 4900.0 to 15300.0 ft		
5	ECB FAA 703985-11 ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	1070	110.4	ECB FAA 703985-11	
ESV:		Bearing [True]: 296.0° to 306.0° Bearing [Mag]: 296.0° to 306.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 19100.0 ft		
6	YRK FAA 755748-2 YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	1040	null	YRK FAA 755748-2	
ESV:		Bearing [True]: 275.0° to 290.0° Bearing [Mag]: 280.0° to 295.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 7000.0 ft		

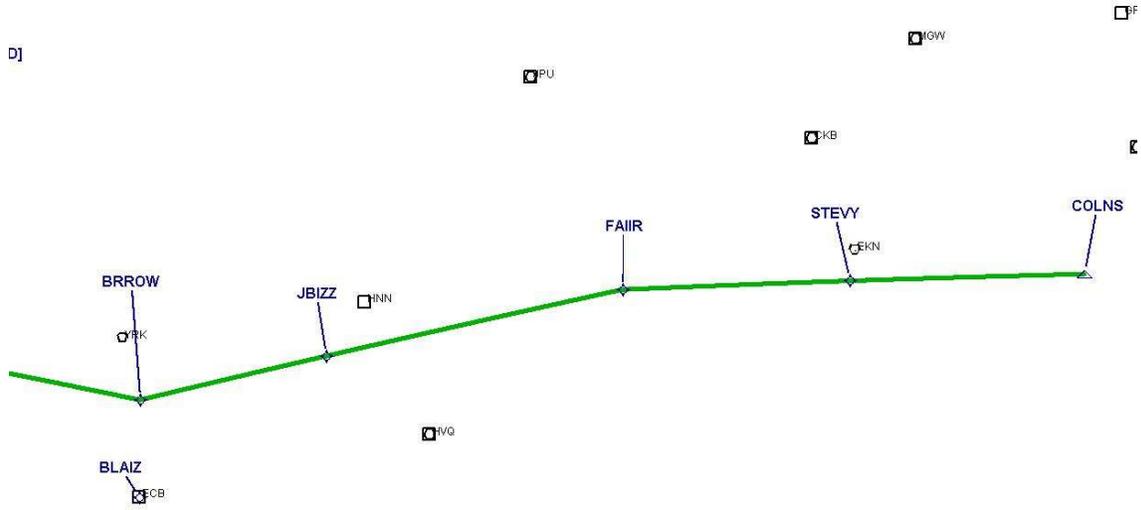
DME DME Assessment Results for GAVNN8 path AAJAY_NXHAL

DME Error



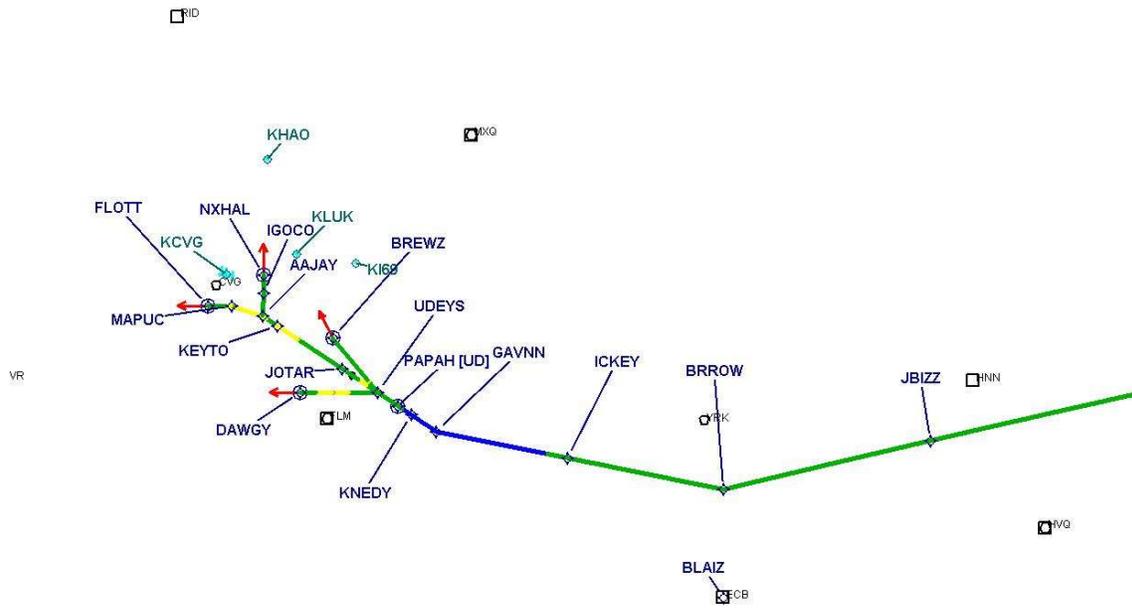
DME DME Assessment Results for GAVNN8 path AAJAY_NXHAL

Graphic Depiction 2



DME DME Assessment Results for GAVNN8 path AAJAY_NXHAL

Graphic Depiction 3



DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\GAVNN8 DME 250916.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\KCVG [IFPA] GAVNN8 20250916_1011 EDT\COLNS_FLOTT\KCVG GAVNN8 RNAV STAR COLNS FLOTT 20250916_1011 EDT.pdf
Procedure Name:	GAVNN8
Software: DmeDmePlugin:	7.5.1
Date/Time:	09/16/2025 10:11 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
COLNS	WP	N38° 50' 25.4800", W079° 11' 48.6100"	18000	VNAV	250	FLY_BY	TF
STEVY	WP	N38° 49' 11.3800", W080° 07' 09.4200"	18000	VNAV	250	FLY_BY	TF
FAIIR	WP	N38° 47' 34.6000", W081° 00' 42.9000"	18000	VNAV	250	FLY_BY	TF
JBIZZ	WP	N38° 35' 24.0900", W082° 10' 31.9500"	15000	VNAV	250	FLY_BY	TF
BRROW	WP	N38° 27' 19.9700", W082° 54' 32.5600"	8000	VNAV	250	FLY_BY	TF
ICKEY	WP	N38° 32' 32.7093", W083° 27' 37.1255"	8000	VNAV	250	FLY_BY	TF
GAVNN	WP	N38° 36' 52.9700", W083° 55' 31.2100"	7000	VNAV	250	FLY_BY	TF
KNEDY	WP	N38° 39' 39.3800", W084° 00' 48.5900"	7000	VNAV	250	FLY_BY	TF
UDEYS	WP	N38° 43' 21.6300", W084° 07' 55.8700"	7000	VNAV	250	FLY_BY	TF
JOTAR	WP	N38° 47' 12.8200", W084° 15' 23.7900"	5000	VNAV	250	FLY_BY	TF
KEYTO	WP	N38° 54' 18.8100", W084° 29' 12.5500"	5000	VNAV	210	FLY_BY	TF
AAJAY	WP	N38° 55' 57.5600", W084° 32' 25.4600"	5000	VNAV	210	FLY_BY	TF
MAPUC	WP	N38° 57' 34.0800", W084° 38' 52.3100"	5000	VNAV	210	FLY_BY	TF
FLOTT	WP	N38° 57' 34.8600", W084° 43' 59.9900"	5000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KCVG [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	
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:	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 Assessment Results for GAVNN8 path COLNS_FLOTT

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	HVQ	N38° 20' 58.8336", W081° 46' 11.6924"	3.0 W	130	H		NO	Enabled	48 %	48.4 %
2	BSV	N40° 44' 26.5430", W081° 25' 55.6216"	4.0 W	130	DL		NO	Enabled	21 %	21.2 %
3	ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	L		NO	Enabled	23.3 %	23.5 %
4	FLM	N38° 38' 57.9891", W084° 18' 38.1660"	-0.0 E	130	DH		NO	Enabled	45 %	44.6 %
5	EKN	N38° 54' 51.9690", W080° 05' 57.3810"	7.0 W	40	L		NO	Enabled	25.1 %	25.3 %
6	HNN	N38° 45' 14.8487", W082° 01' 34.2034"	-0.0 E	130	H		NO	Enabled	49.4 %	49.8 %
7	AIR	N40° 00' 59.7814", W080° 49' 01.9382"	7.0 W	130	H		NO	Enabled	29.6 %	29.9 %
8	SHB	N39° 37' 57.1525", W085° 49' 27.5388"	1.0 E	130	DH		NO	Enabled	2.6 %	2.2 %
9	BKW	N37° 46' 49.0788", W081° 07' 24.4398"	6.0 W	130	DH		NO	Enabled	57.2 %	57.7 %
10	YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	L		NO	Enabled	29.1 %	29.4 %
11	IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	H		NO	Enabled	6.4 %	5.6 %
12	CVG	N39° 00' 57.5308", W084° 42' 12.0468"	4.0 W	40	L		NO	Enabled	13.2 %	12.7 %
13	GVE	N38° 00' 48.9578", W078° 09' 10.8957"	6.0 W	130	H		NO	Enabled	13.2 %	13.3 %
14	ZZV	N39° 56' 27.0911", W081° 53' 33.3687"	6.0 W	130	DH		NO	Enabled	52.6 %	53.1 %
15	CKB	N39° 15' 11.5841", W080° 16' 04.3018"	4.0 W	40	L		NO	Enabled	19.3 %	19.5 %
16	HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	L		NO	Enabled	12.9 %	12.1 %
17	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	13.5 %	13.6 %
18	ESL	N39° 13' 31.7740", W078° 59' 22.2000"	6.0 W	130	DL		NO	Enabled	42.1 %	42.5 %

DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ESL	CSN	GVE	BKW		
3.3	GVE	ESL	CSN	EKN	BKW	
35.2	ESL	CKB	AIR	BKW	HVQ	GVE
35.8	ESL	CKB	AIR	HVQ	BKW	HNN
75.6	HNN	AIR	BKW	EKN	HVQ	ZZV
81.1	HNN	BKW	AIR	HVQ	ZZV	ESL
89.6	HNN	BKW	HVQ	ZZV	ESL	BSV
90.0	HNN	BKW	ZZV	ESL	BSV	
90.4	BKW	ESL	ZZV	BSV		
92.5	HVQ	ZZV	BKW	ESL	BSV	
114.4	HVQ	HNN	ZZV	BKW	BSV	FLM
123.3	HVQ	HNN	ZZV	FLM	BKW	
155.5	HVQ	ECB	YRK	ZZV	FLM	HNN
159.1	YRK	ECB	ZZV	FLM	HNN	
159.1	YRK	ECB	FLM	HNN		
170.4	FLM	ECB	YRK			
194.2	YRK	ECB				
207.0						
232.1	CVG	FLM				
235.9	CVG	FLM	ECB			
236.6	HVK	ECB	CVG	FLM		
239.3	HVK	YRK	CVG	FLM		
240.9	CVG	FLM	HVK			
243.5	HVK	YRK	FLM	CVG		
254.2	HVK	YRK	IIU	CVG	FLM	
254.6	IIU	CVG	FLM	HVK		
263.4	IIU	CVG	SHB	FLM	HVK	
266.2	IIU	SHB	FLM	HVK		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 33' 18.4498", W083° 32' 28.0290"	N38° 40' 34.4103", W084° 02' 34.2404"	25.0062

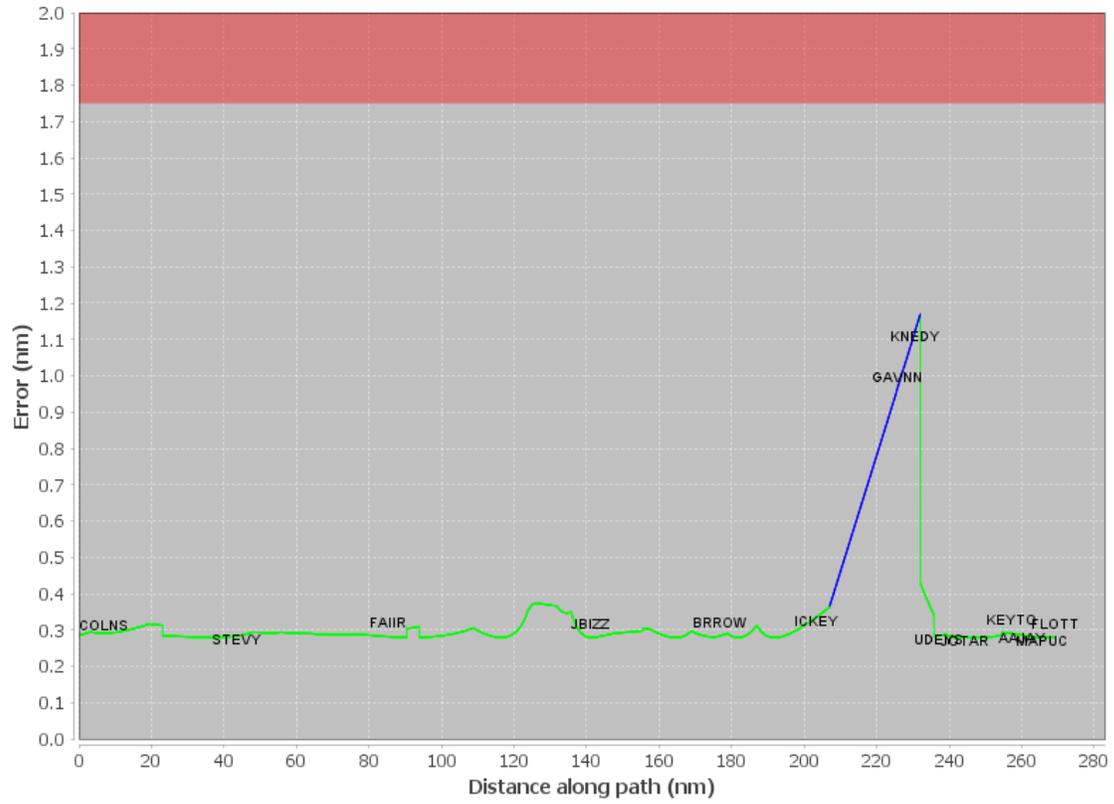
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
COLNS	STEVY	HVQ, GVE, ZZV, EKN, HNN, AIR, CKB, BKW, CSN, ESL	
STEVY	FAIRR	HVQ, BSV, ZZV, HNN, EKN, AIR, CKB, BKW, ESL	
FAIRR	JBIZZ	HVQ, YRK, BSV, FLM, ZZV, HNN, AIR, BKW, ESL	
JBIZZ	BRROW	HVQ, YRK, ECB, FLM, ZZV, HNN, BKW	
BRROW	ICKEY	YRK, ECB, FLM	
ICKEY	GAVNN	YRK, ECB	
GAVNN	KNEDY		
KNEDY	UDEYS	CVG, ECB, FLM, HVK	
UDEYS	JOTAR	YRK, CVG, ECB, FLM, HVK	
JOTAR	KEYTO	YRK, IIU, CVG, FLM, HVK	
KEYTO	AAJAY	IIU, CVG, FLM, HVK	
AAJAY	MAPUC	IIU, CVG, FLM, HVK, SHB	
MAPUC	FLOTT	IIU, CVG, FLM, HVK, SHB	

DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU FAA 704184-50 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-50	
ESV:		Bearing [True]: 33.0° to 75.0° Bearing [Mag]: 32.0° to 74.0°				Arc Distance: Out to 71.0 NM Altitude: 4500.0 to 15300.0 ft		
2	HYK FAA 680420-31 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-31	
ESV:		Bearing [True]: 342.0° to 21.0° Bearing [Mag]: 342.0° to 21.0°				Arc Distance: Out to 61.0 NM Altitude: 3500.0 to 12000.0 ft		
3	HYK FAA 680420-18 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-18	
ESV:		Bearing [True]: 347.0° to 2.0° Bearing [Mag]: 347.0° to 2.0°				Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 12000.0 ft		
4	IIU FAA 704184-87 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-87	
ESV:		Bearing [True]: 38.0° to 47.0° Bearing [Mag]: 37.0° to 46.0°				Arc Distance: Out to 77.0 NM Altitude: 4900.0 to 15300.0 ft		
5	ECB FAA 703985-11 ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	1070	110.4	ECB FAA 703985-11	
ESV:		Bearing [True]: 296.0° to 306.0° Bearing [Mag]: 296.0° to 306.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 19100.0 ft		
6	YRK FAA 755748-2 YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	1040	null	YRK FAA 755748-2	
ESV:		Bearing [True]: 275.0° to 290.0° Bearing [Mag]: 280.0° to 295.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 7000.0 ft		

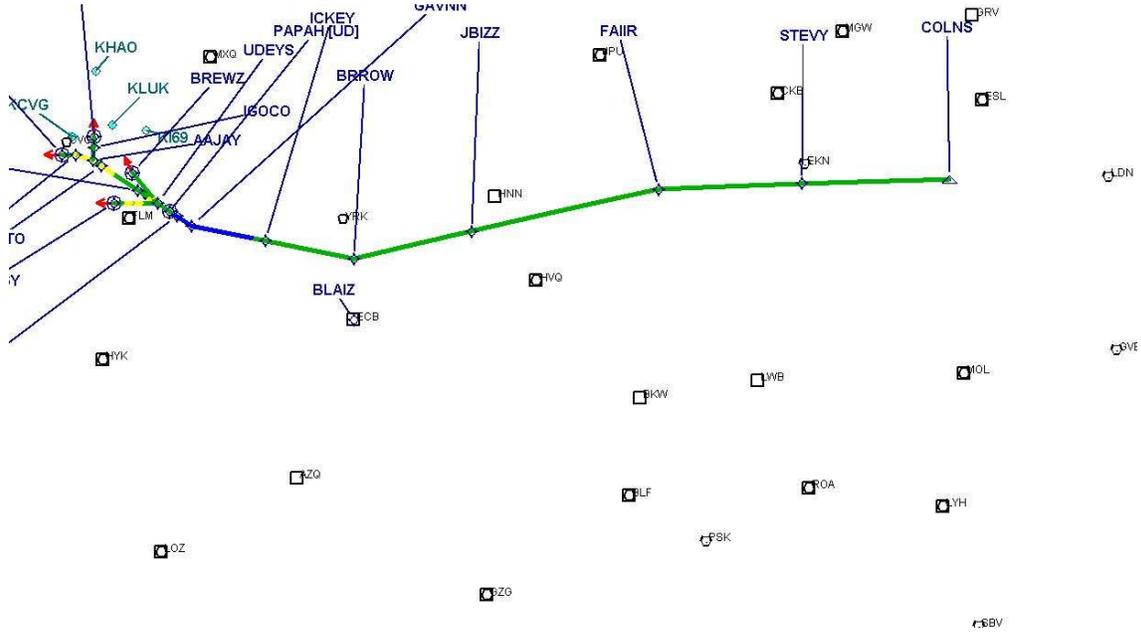
DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

DME Error



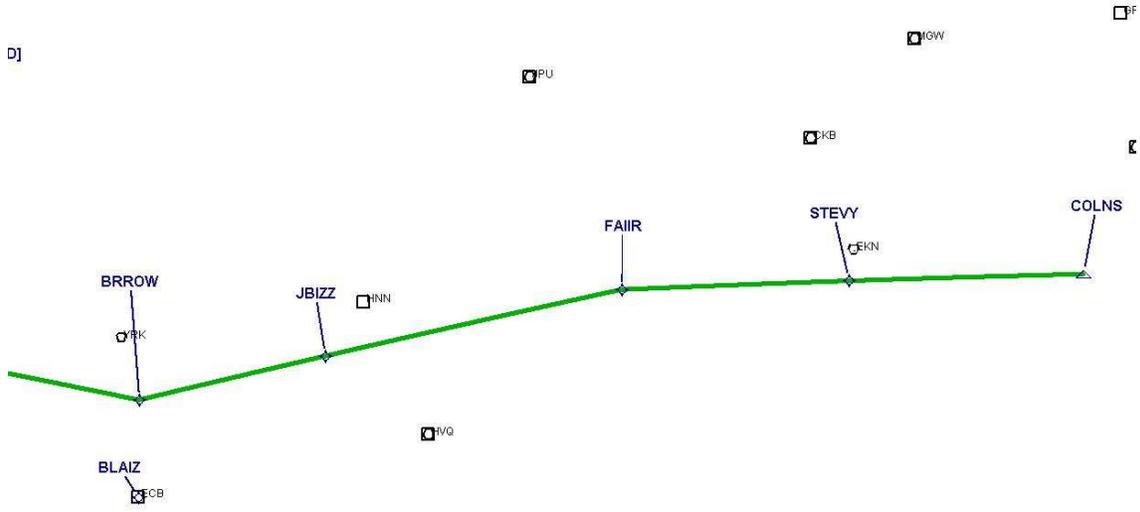
DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

Graphic Depiction 1



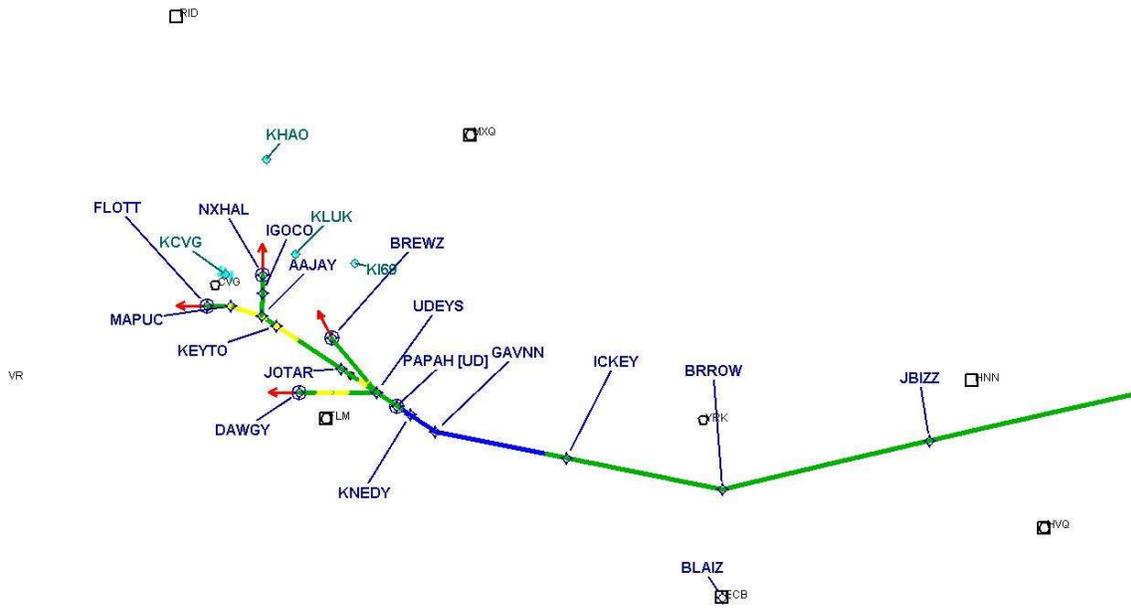
DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

Graphic Depiction 2



DME DME Assessment Results for GAVNN8 path COLNS_FLOTT

Graphic Depiction 3



DME DME Assessment Results for GAVNN8 path KNEDY_PAPAH

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\GAVNN8 DME 250916.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\KCVG [IFPA] GAVNN8 20250916_1011 EDT\KNEDY_PAPAH\KCVG GAVNN8 RNAV STAR KNEDY PAPAH 20250916_1011 EDT.pdf
Procedure Name:	GAVNN8
Software: DmeDmePlugin:	7.5.1
Date/Time:	09/16/2025 10:11 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
KNEDY	WP	N38° 39' 39.3800", W084° 00' 48.5900"	7000	VNAV	250	FLY_BY	TF
PAPAH	WP	N38° 41' 05.3305", W084° 03' 36.2425"	7000	VNAV	200	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KCVG [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 GAVNN8 path KNEDY_PAPAH

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:	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	CVG	N39° 00' 57.5308", W084° 42' 12.0468"	4.0 W	40	L		NO	Enabled	36.8 %	36.8 %
2	FLM	N38° 38' 57.9891", W084° 18' 38.1660"	-0.0 E	130	DH		NO	Enabled	36.8 %	36.8 %

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

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 39' 39.3800", W084° 00' 48.5900"	N38° 40' 33.6723", W084° 02' 34.4629"	1.6514

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KNEDY	PAPAH	CVG, FLM	

DME DME Assessment Results for GAVNN8 path KNEDY_PAPAH

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU FAA 704184-50 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-50	
ESV:		Bearing [True]: 33.0° to 75.0° Bearing [Mag]: 32.0° to 74.0°				Arc Distance: Out to 71.0 NM Altitude: 4500.0 to 15300.0 ft		
2	HYK FAA 680420-31 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-31	
ESV:		Bearing [True]: 342.0° to 21.0° Bearing [Mag]: 342.0° to 21.0°				Arc Distance: Out to 61.0 NM Altitude: 3500.0 to 12000.0 ft		
3	HYK FAA 680420-18 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-18	
ESV:		Bearing [True]: 347.0° to 2.0° Bearing [Mag]: 347.0° to 2.0°				Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 12000.0 ft		
4	IIU FAA 704184-87 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-87	
ESV:		Bearing [True]: 38.0° to 47.0° Bearing [Mag]: 37.0° to 46.0°				Arc Distance: Out to 77.0 NM Altitude: 4900.0 to 15300.0 ft		
5	ECB FAA 703985-11 ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	1070	110.4	ECB FAA 703985-11	
ESV:		Bearing [True]: 296.0° to 306.0° Bearing [Mag]: 296.0° to 306.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 19100.0 ft		
6	YRK FAA 755748-2 YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	1040	null	YRK FAA 755748-2	
ESV:		Bearing [True]: 275.0° to 290.0° Bearing [Mag]: 280.0° to 295.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 7000.0 ft		

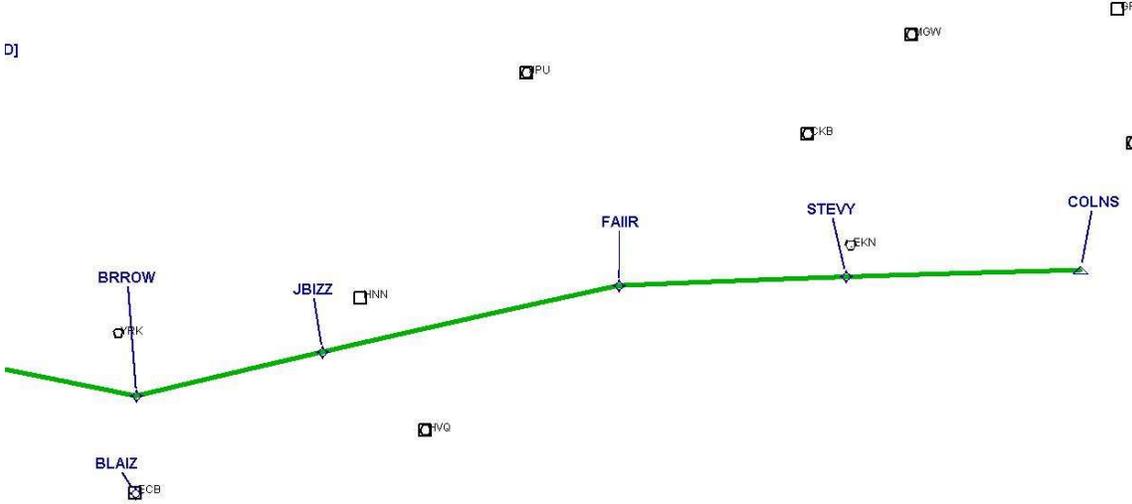
DME DME Assessment Results for GAVNN8 path KNEDY_PAPAH

DME Error



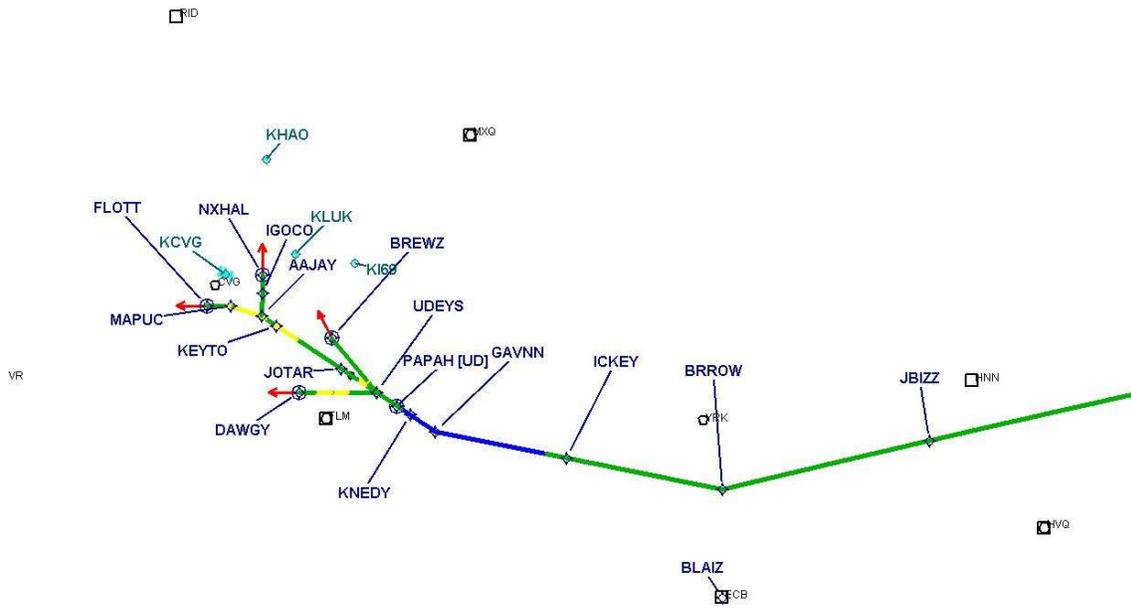
DME DME Assessment Results for GAVNN8 path KNEDY_PAPAH

Graphic Depiction 2



DME DME Assessment Results for GAVNN8 path KNEDY_PAPAH

Graphic Depiction 3



DME DME Assessment Results for GAVNN8 path UDEYS_BREWZ

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\GAVNN8 DME 250916.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\KCVG [IFPA] GAVNN8 20250916_1011 EDT\UDEYS_BREWZ\KCVG GAVNN8 RNAV STAR UDEYS BREWZ 20250916_1011 EDT.pdf
Procedure Name:	GAVNN8
Software: DmeDmePlugin:	7.5.1
Date/Time:	09/16/2025 10:11 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
UDEYS	WP	N38° 43' 21.6300", W084° 07' 55.8700"	7000	VNAV	250	FLY_BY	TF
BREWZ	WP	N38° 52' 16.8350", W084° 17' 30.2836"	5000	VNAV	200	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KCVG [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 GAVNN8 path UDEYS_BREWZ

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:	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	YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	L		NO	Enabled	72 %	72 %
2	CVG	N39° 00' 57.5308", W084° 42' 12.0468"	4.0 W	40	L		NO	Enabled	100 %	100 %
3	ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	L		NO	Enabled	18.5 %	18.5 %
4	FLM	N38° 38' 57.9891", W084° 18' 38.1660"	-0.0 E	130	DH		NO	Enabled	100 %	100 %
5	HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	L		NO	Enabled	94 %	94 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CVG	FLM	ECB			
0.7	HYK	ECB	CVG	FLM		
2.2	HYK	YRK	CVG	FLM		
2.6	CVG	FLM	HYK			
3.5	HYK	YRK	CVG	FLM		

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

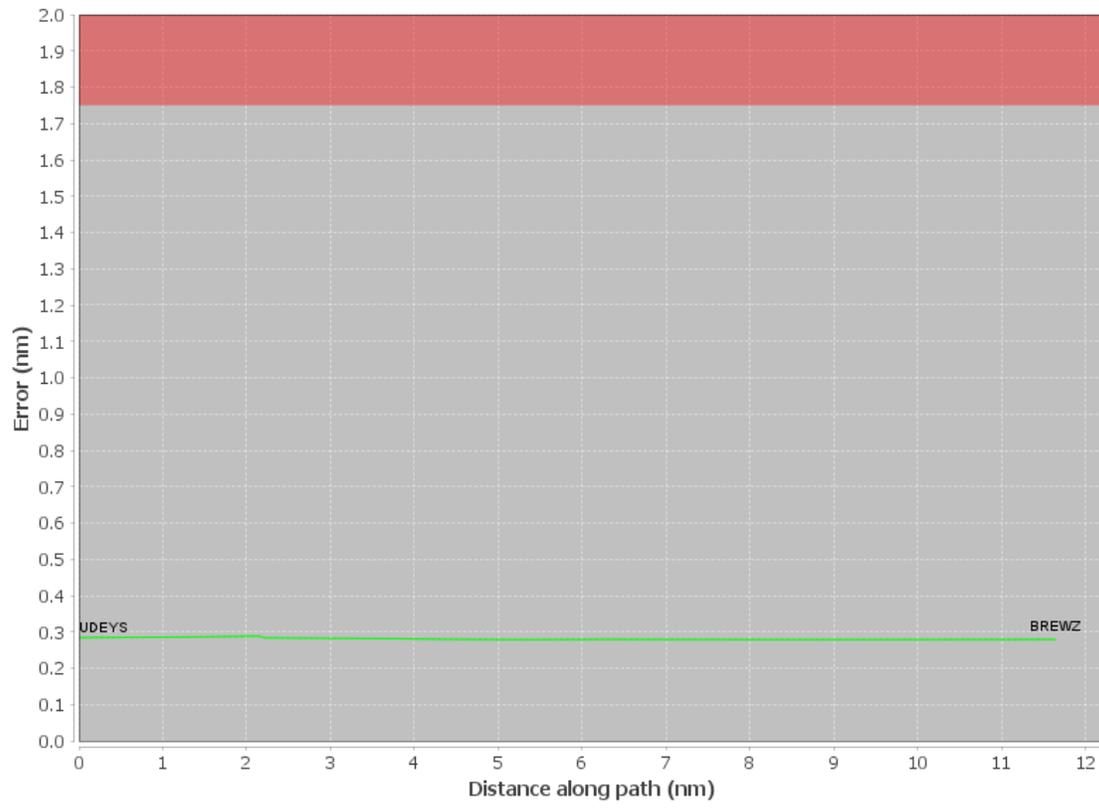
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
UDEYS	BREWZ	YRK, CVG, ECB, FLM, HYK	

DME DME Assessment Results for GAVNN8 path UDEYS_BREWZ

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU FAA 704184-50 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-50	
ESV:		Bearing [True]: 33.0° to 75.0° Bearing [Mag]: 32.0° to 74.0°				Arc Distance: Out to 71.0 NM Altitude: 4500.0 to 15300.0 ft		
2	HYK FAA 680420-31 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-31	
ESV:		Bearing [True]: 342.0° to 21.0° Bearing [Mag]: 342.0° to 21.0°				Arc Distance: Out to 61.0 NM Altitude: 3500.0 to 12000.0 ft		
3	HYK FAA 680420-18 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-18	
ESV:		Bearing [True]: 347.0° to 2.0° Bearing [Mag]: 347.0° to 2.0°				Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 12000.0 ft		
4	IIU FAA 704184-87 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-87	
ESV:		Bearing [True]: 38.0° to 47.0° Bearing [Mag]: 37.0° to 46.0°				Arc Distance: Out to 77.0 NM Altitude: 4900.0 to 15300.0 ft		
5	ECB FAA 703985-11 ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	1070	110.4	ECB FAA 703985-11	
ESV:		Bearing [True]: 296.0° to 306.0° Bearing [Mag]: 296.0° to 306.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 19100.0 ft		
6	YRK FAA 755748-2 YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	1040	null	YRK FAA 755748-2	
ESV:		Bearing [True]: 275.0° to 290.0° Bearing [Mag]: 280.0° to 295.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 7000.0 ft		

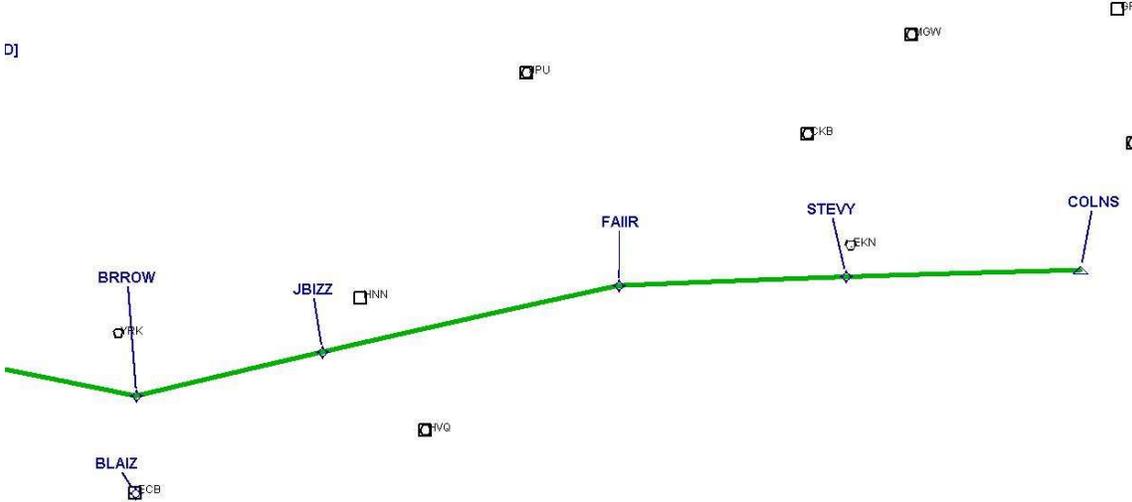
DME DME Assessment Results for GAVNN8 path UDEYS_BREWZ

DME Error



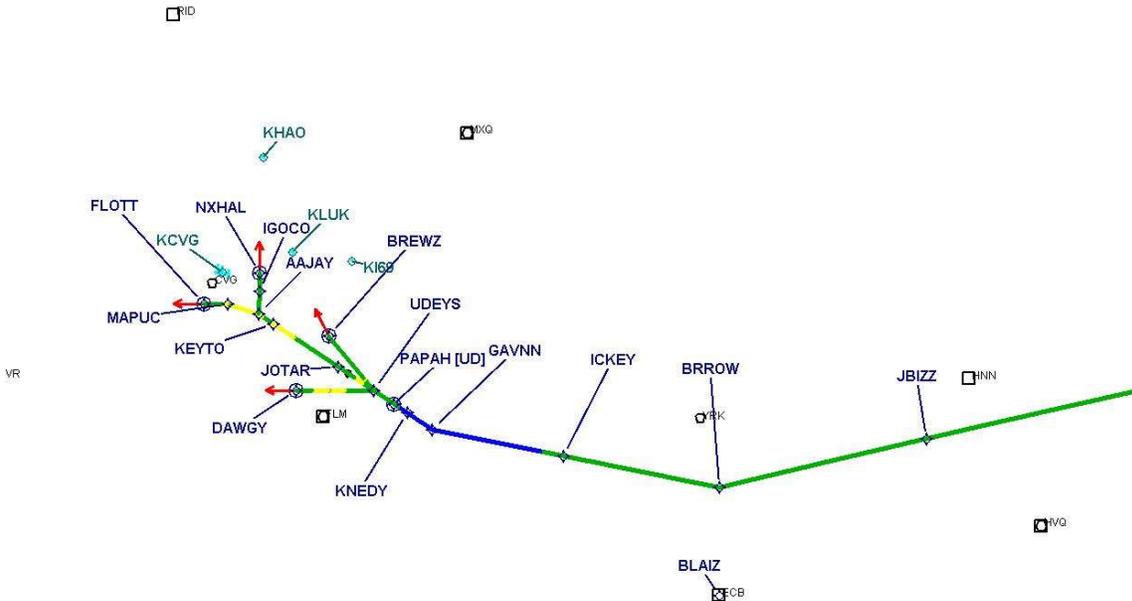
DME DME Assessment Results for GAVNN8 path UDEYS_BREWZ

Graphic Depiction 2



DME DME Assessment Results for GAVNN8 path UDEYS_BREWZ

Graphic Depiction 3



DME DME Assessment Results for GAVNN8 path UDEYS_DAWGY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Lisa A-CTR Thrysoe
Project File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\GAVNN8 DME 250916.tgs
Output File:	C:\Users\Lisa A-CTR Thrysoe\OneDrive - Federal Aviation Administration\Desktop\DME DME Screening\KCVG 251002\GAVVN 8 STAR 260122\KCVG [IFPA] GAVNN8 20250916_1011 EDT\UDEYS_DAWGY\KCVG GAVNN8 RNAV STAR UDEYS DAWGY 20250916_1011 EDT.pdf
Procedure Name:	GAVNN8
Software: DmeDmePlugin:	7.5.1
Date/Time:	09/16/2025 10:11 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
UDEYS	WP	N38° 43' 21.6300", W084° 07' 55.8700"	7000	VNAV	250	FLY_BY	TF
DAWGY	WP	N38° 43' 22.7900", W084° 24' 24.4900"	7000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KCVG [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 GAVNN8 path UDEYS_DAWGY

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:	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	IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	H		NO	Enabled	41.9 %	41.9 %
2	CVG	N39° 00' 57.5308", W084° 42' 12.0468"	4.0 W	40	L		NO	Enabled	100 %	100 %
3	ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	L		NO	Enabled	55.9 %	55.9 %
4	FLM	N38° 38' 57.9891", W084° 18' 38.1660"	-0.0 E	130	DH		NO	Enabled	87.6 %	87.6 %
5	HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	L		NO	Enabled	98.9 %	98.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CVG	FLM	ECB			
0.1	HYK	ECB	CVG	FLM		
7.3	HYK	CVG				
7.5	IIU	CVG	FLM	HYK		
10.1	IIU	CVG	HYK			
11.4	IIU	FLM	CVG	HYK		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
UDEYS	DAWGY	IIU, CVG, ECB, FLM, HYK	

DME DME Assessment Results for GAVNN8 path UDEYS_DAWGY

User Data Files

#	File Name
None	

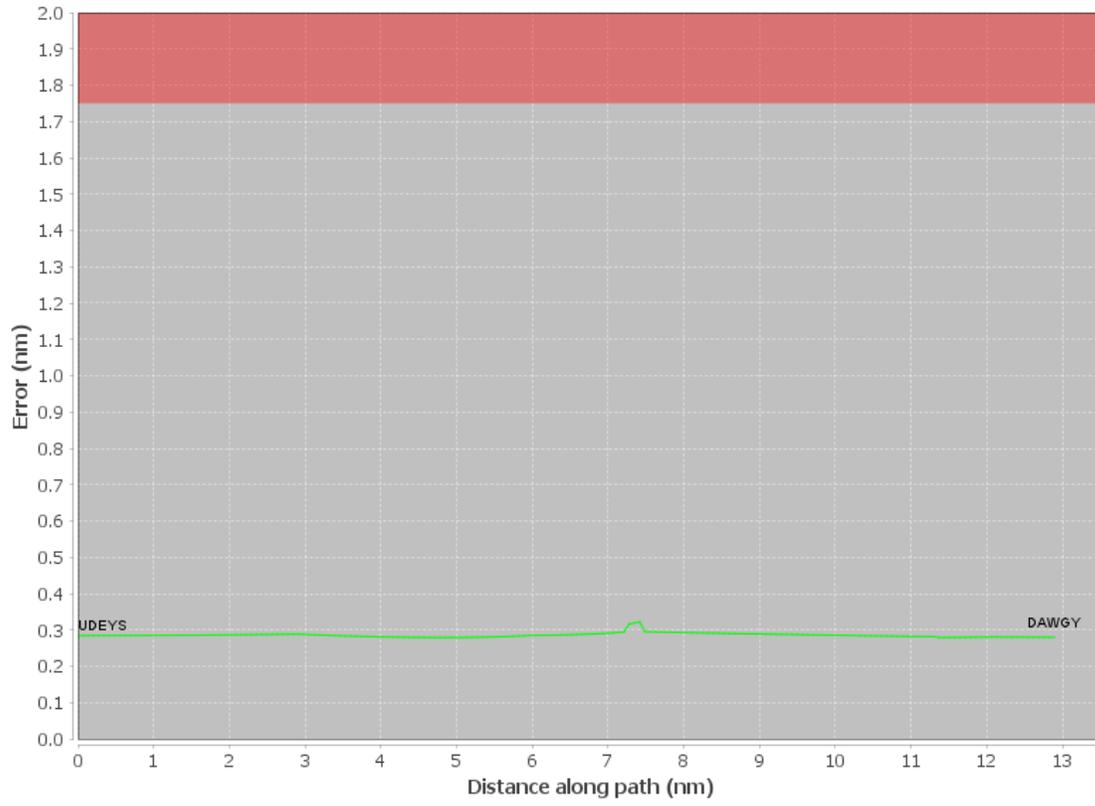
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU FAA 704184-50 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-50	
ESV:		Bearing [True]: 33.0° to 75.0° Bearing [Mag]: 32.0° to 74.0°				Arc Distance: Out to 71.0 NM Altitude: 4500.0 to 15300.0 ft		
2	HYK FAA 680420-31 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-31	
ESV:		Bearing [True]: 342.0° to 21.0° Bearing [Mag]: 342.0° to 21.0°				Arc Distance: Out to 61.0 NM Altitude: 3500.0 to 12000.0 ft		
3	HYK FAA 680420-18 HYK	N37° 57' 58.8579", W084° 28' 21.0997"	0.0 E	40	1035.1	112.6	HYK FAA 680420-18	
ESV:		Bearing [True]: 347.0° to 2.0° Bearing [Mag]: 347.0° to 2.0°				Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 12000.0 ft		
4	IIU FAA 704184-87 IIU	N38° 06' 12.4718", W085° 34' 38.7717"	1.0 E	130	719.7	114.8	IIU FAA 704184-87	
ESV:		Bearing [True]: 38.0° to 47.0° Bearing [Mag]: 37.0° to 46.0°				Arc Distance: Out to 77.0 NM Altitude: 4900.0 to 15300.0 ft		
5	ECB FAA 703985-11 ECB	N38° 09' 30.1050", W082° 54' 36.1970"	-0.0 E	40	1070	110.4	ECB FAA 703985-11	
ESV:		Bearing [True]: 296.0° to 306.0° Bearing [Mag]: 296.0° to 306.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 19100.0 ft		
6	YRK FAA 755748-2 YRK	N38° 38' 38.8790", W082° 58' 42.0200"	5.0 W	40	1040	null	YRK FAA 755748-2	
ESV:		Bearing [True]: 275.0° to 290.0° Bearing [Mag]: 280.0° to 295.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 7000.0 ft		

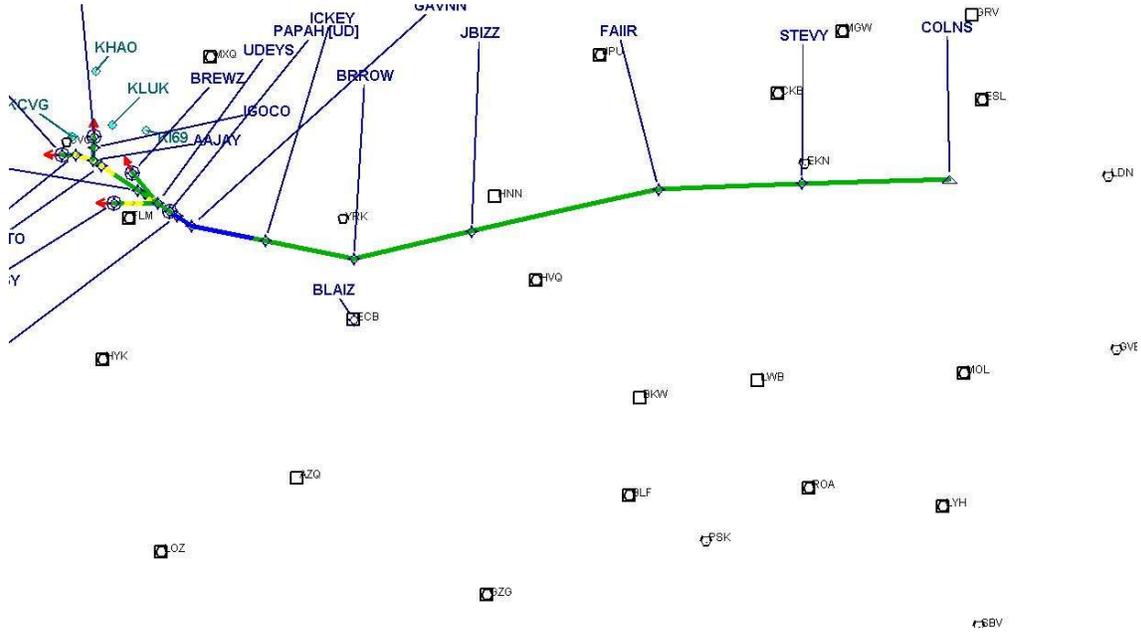
DME DME Assessment Results for GAVNN8 path UDEYS_DAWGY

DME Error



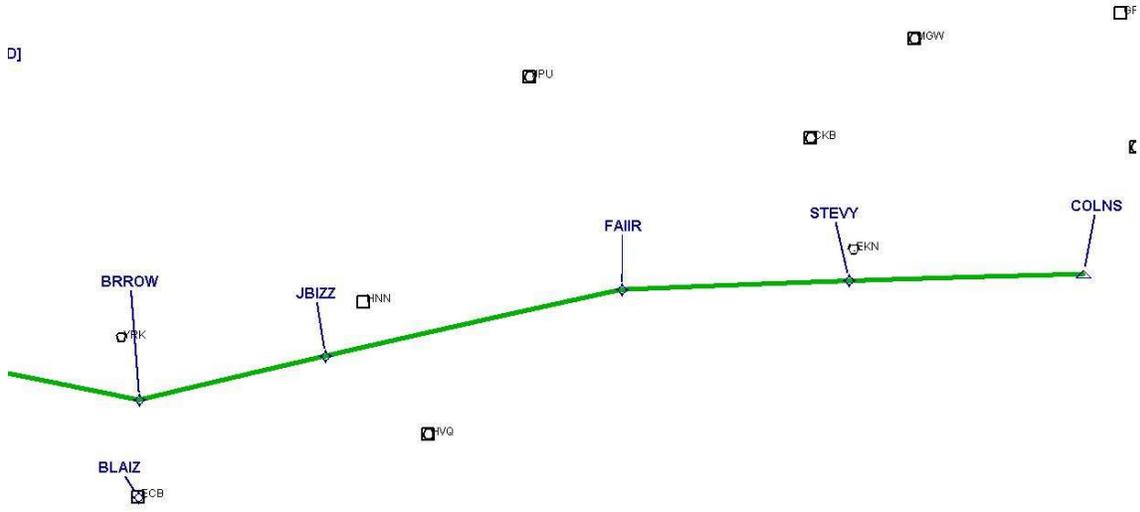
DME DME Assessment Results for GAVNN8 path UDEYS_DAWGY

Graphic Depiction 1



DME DME Assessment Results for GAVNN8 path UDEYS_DAWGY

Graphic Depiction 2



DME DME Assessment Results for GAVNN8 path UDEYS_DAWGY

Graphic Depiction 3

