

DME ESVs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\HUNNN_HUTOO\KBWI MIIDY3 RNAV STAR HUNNN HUTOO 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
HUNNN	WP	N39° 05' 23.1000", W076° 52' 54.3500"	4000	VNAV	210	FLY_BY	TF
HUTOO	WP	N39° 06' 02.0204", W076° 55' 20.1701"	4000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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 MIIDY3 path HUNNN_HUTOO

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:	FKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
2	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
3	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
4	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
5	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
6	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
7	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AML	OTT	EMI	BAL	ADW	DCA

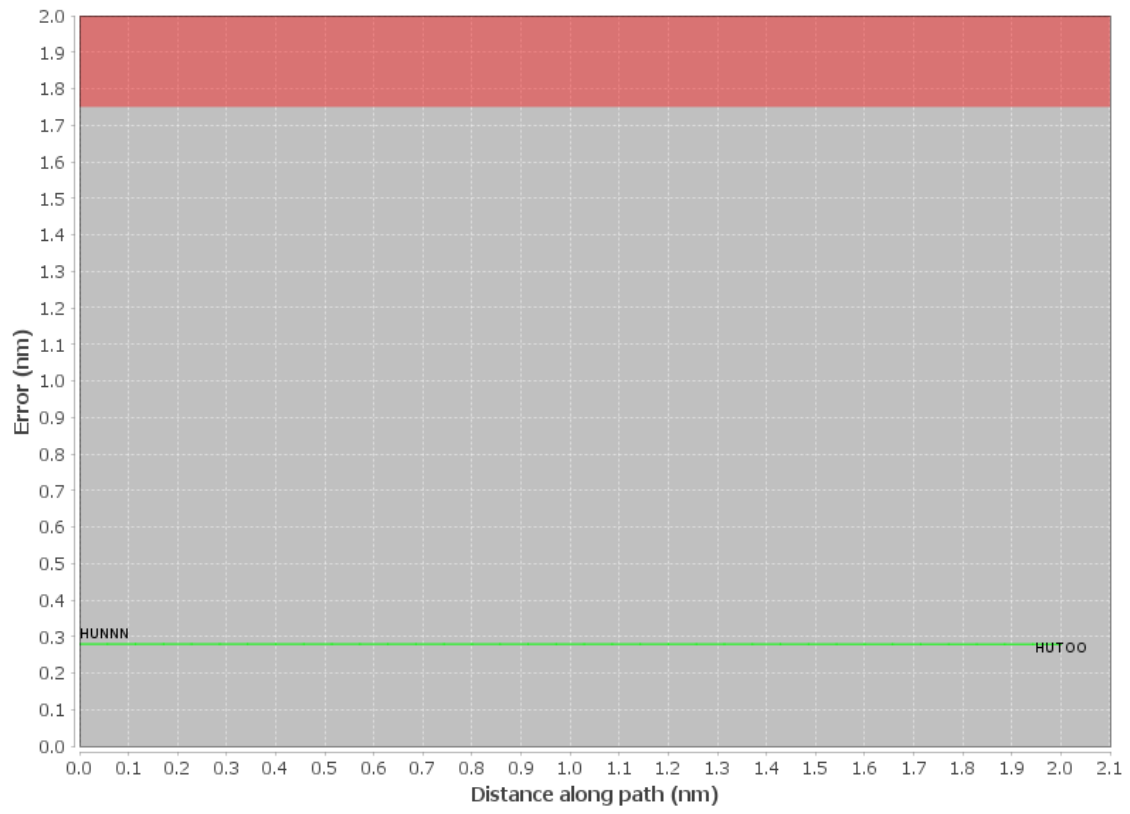
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HUNNN	HUTOO	AML, EMI, DCA, ADW, BAL, OTT	

User Data Files								
#	File Name							
	None							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	None							

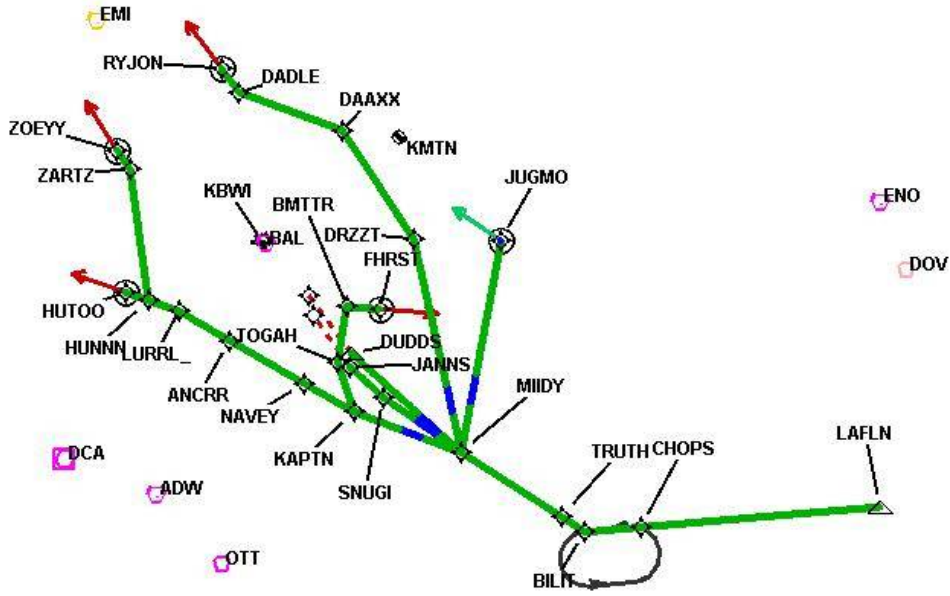
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

DME Error



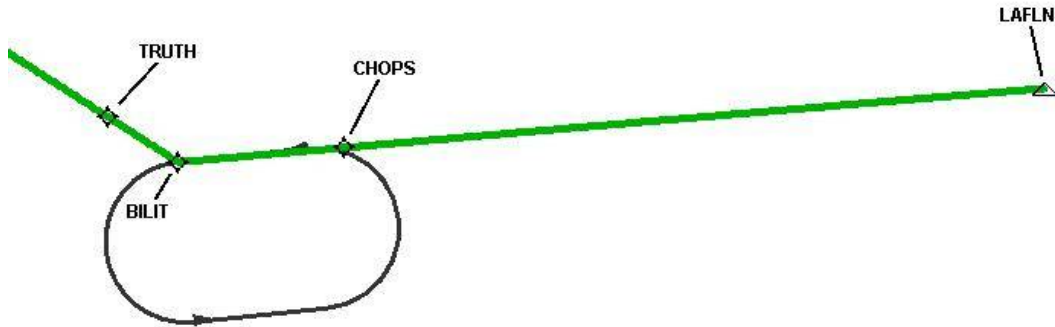
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 1



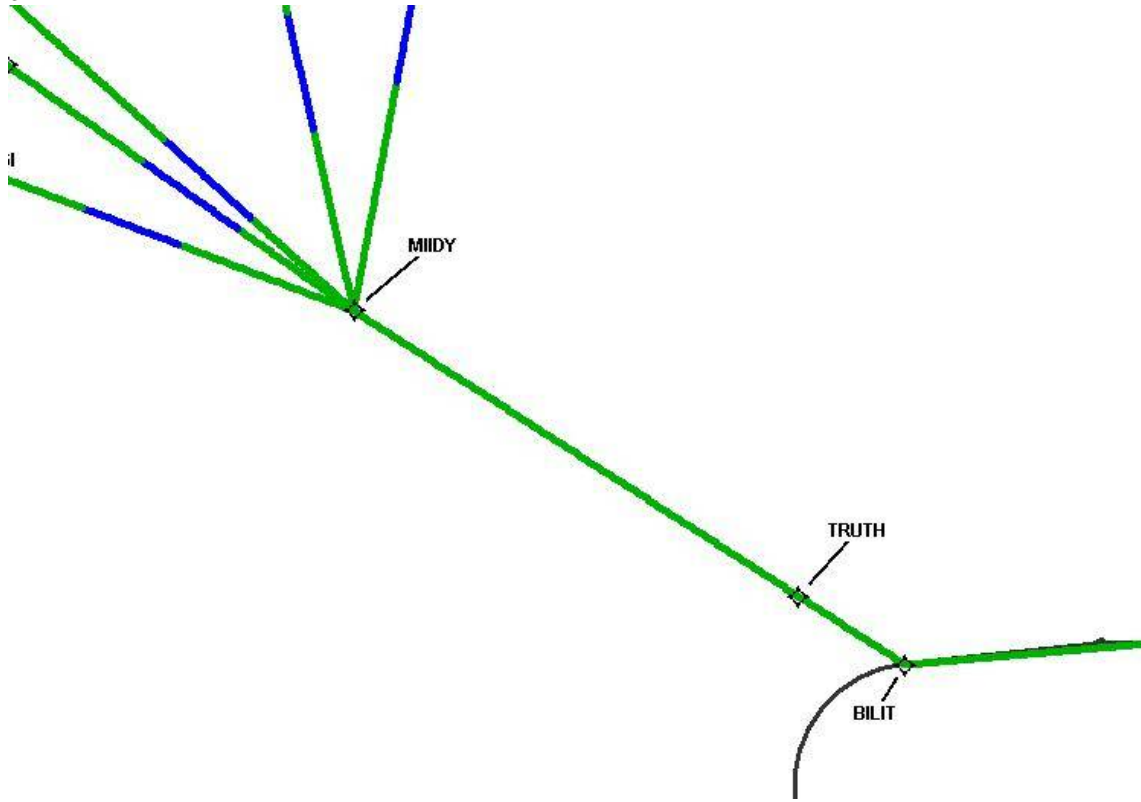
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 2



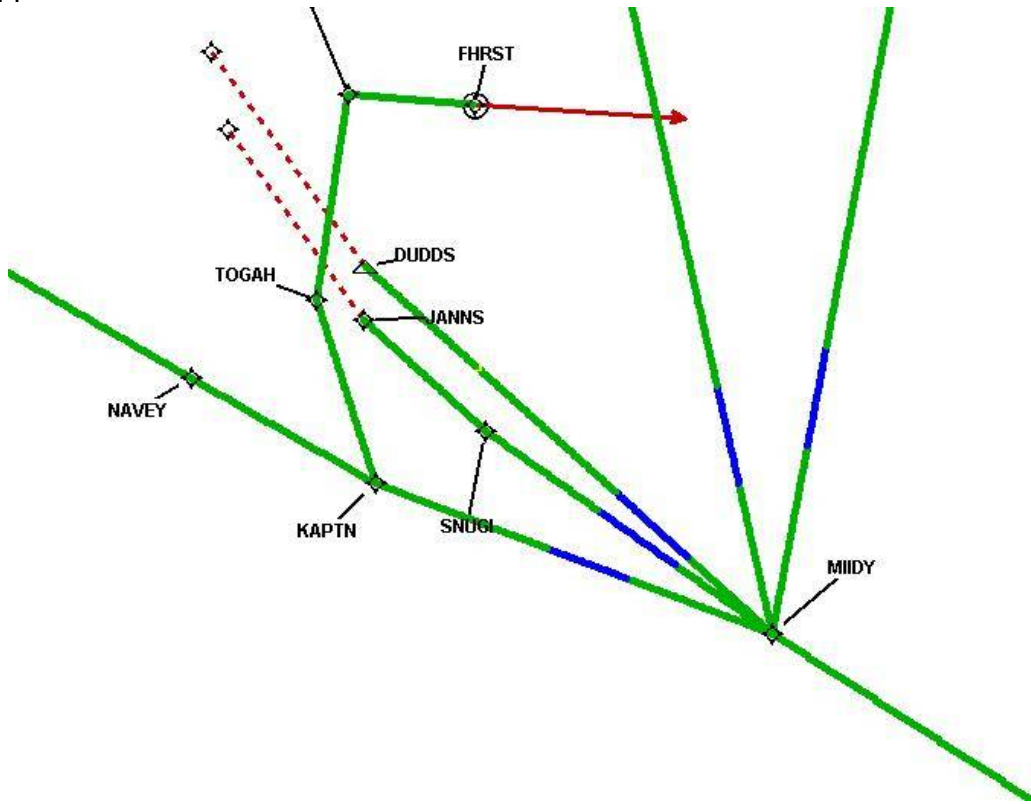
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 3



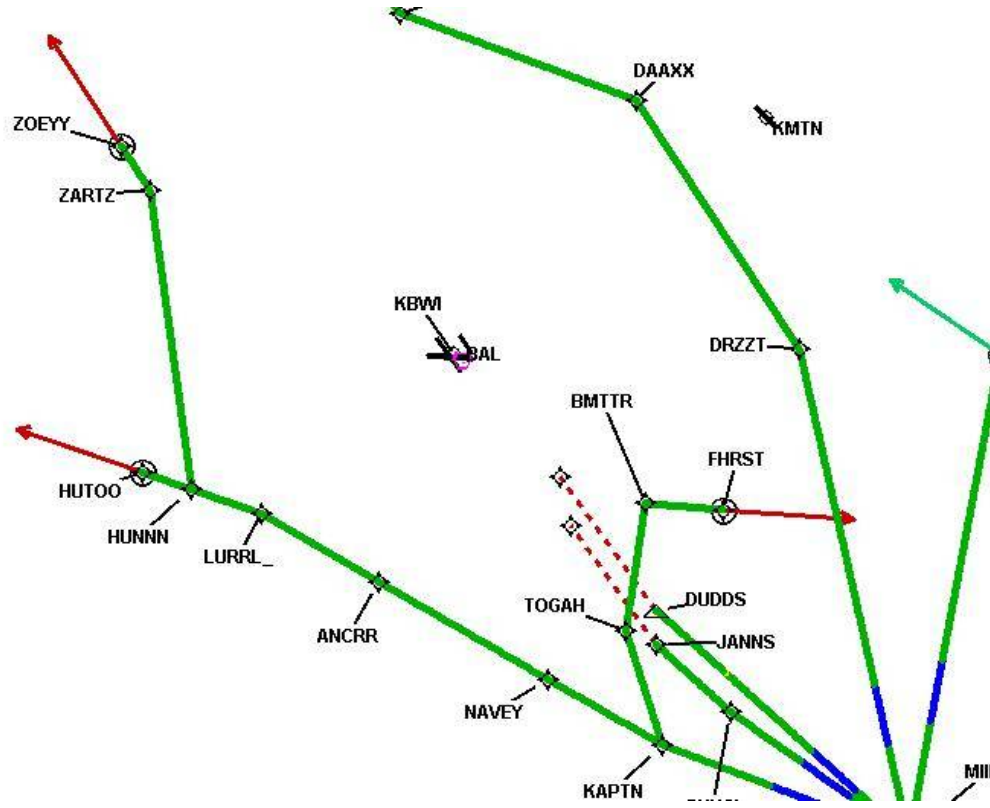
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 4



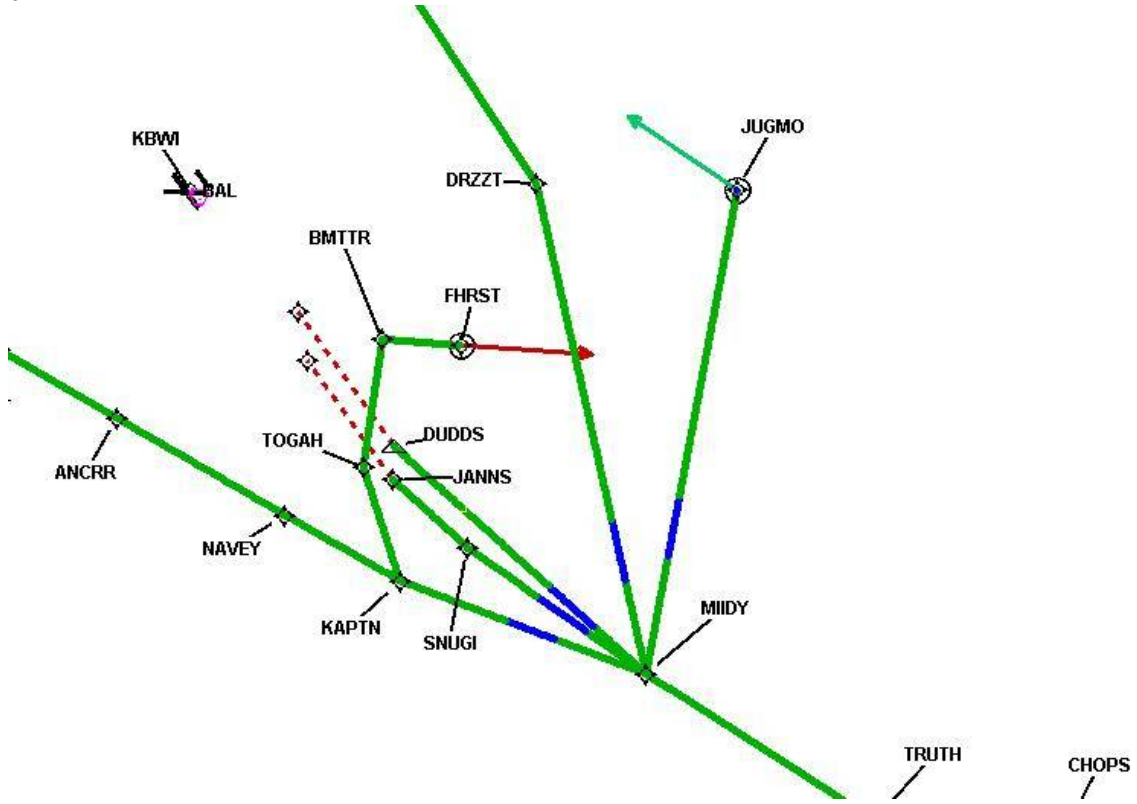
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 5



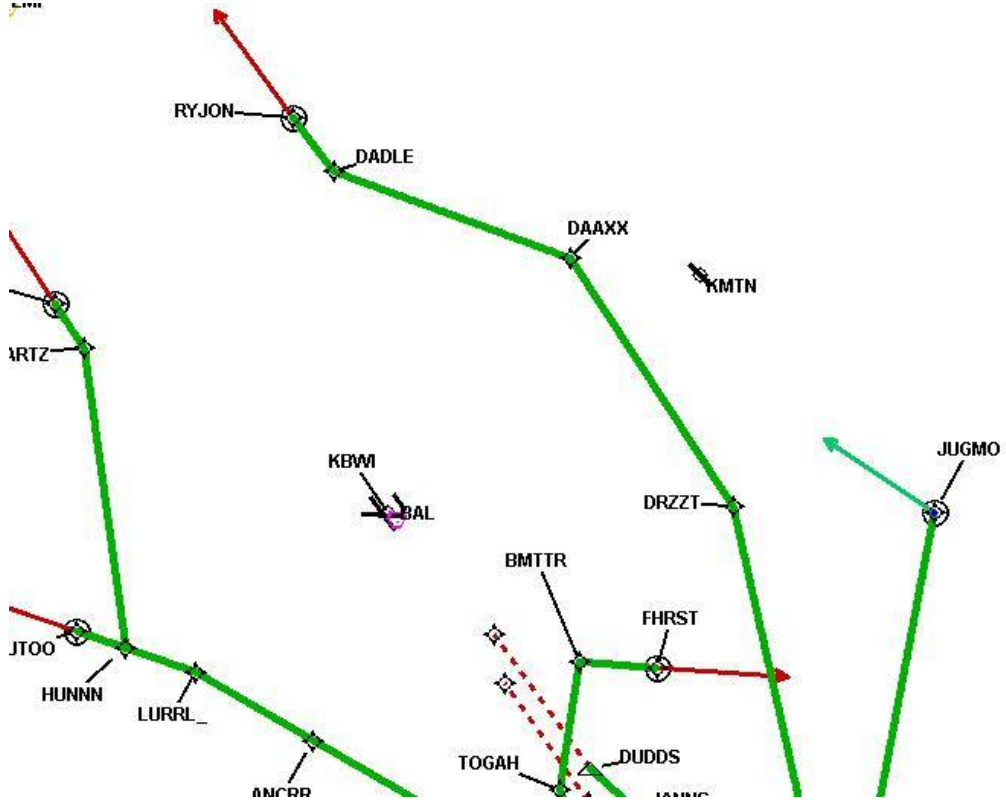
DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path HUNNN_HUTOO

Graphic Depiction 7



DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\KAPTN_FHRST\KBWI MIIDY3 RNAV STAR KAPTN FHRST 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
KAPTN	WP	N38° 55' 41.7900", W076° 29' 51.7200"	5000	VNAV	250	FLY_BY	TF
TOGAH	WP	N39° 00' 01.2900", W076° 31' 39.4200"	5000	VNAV	210	FLY_BY	TF
BMTTR	WP	N39° 04' 52.2100", W076° 30' 42.5900"	4000	VNAV	210	FLY_BY	TF
FHRST	WP	N39° 04' 37.8022", W076° 26' 52.1775"	4000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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 MIIDY3 path KAPTN_FHRST

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:	FKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L	IFPA	NO	Enabled	32.5 %	33.5 %
2	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
3	PXT	N38° 17' 16.2825", W076° 24' 00.8315"	10.0 W	40	L	IFPA	NO	Enabled	2.5 %	2.8 %
4	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
5	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	100 %	100 %
6	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H	IFPA	NO	Enabled	85.2 %	83.4 %
7	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PXT	DCA	BAL	ADW		
0.4	BAL	ADW	DCA			
2.1	BAL	ADW	EMI	DCA		
2.3	BAL	ADW	EMI	DCA	OTT	
6.6	BAL	ADW	EMI	DCA		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KAPTN	TOGAH	EMI, DCA, ADW, BAL, PXT, OTT	
TOGAH	BMTRR	EMI, DCA, ADW, BAL, OTT	
BMTRR	FHRST	EMI, DCA, ADW, BAL	

DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

User Data Files

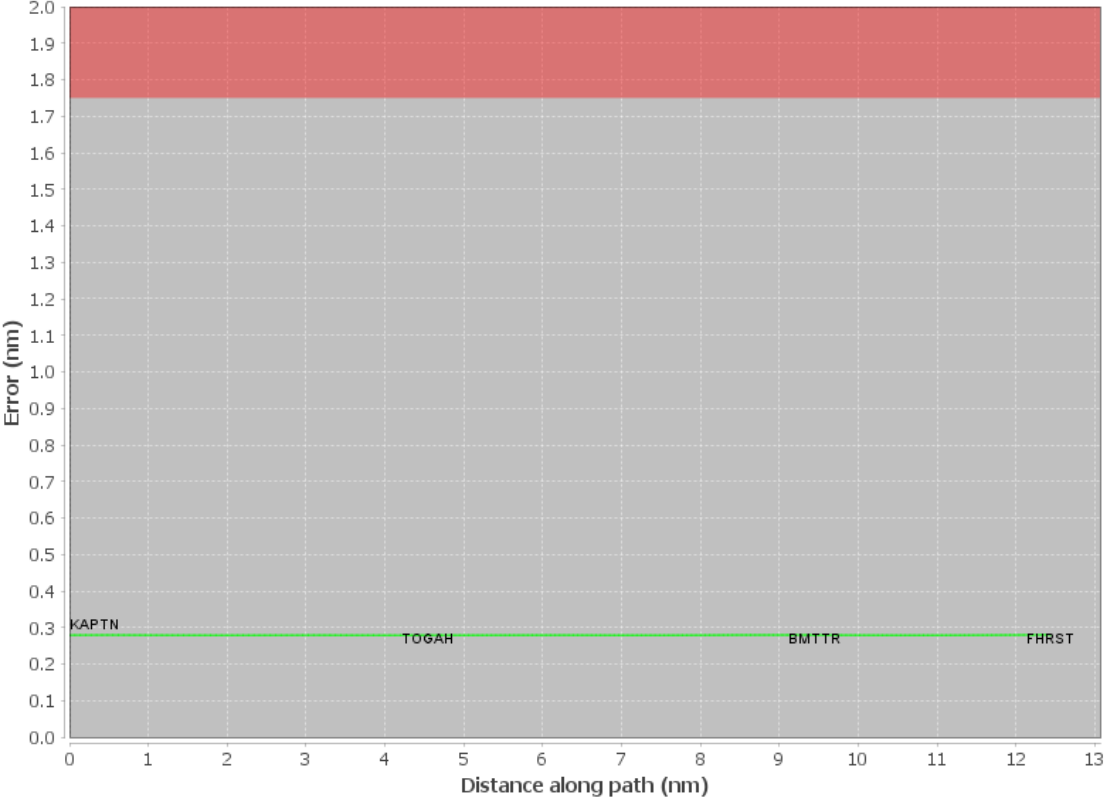
#	File Name
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

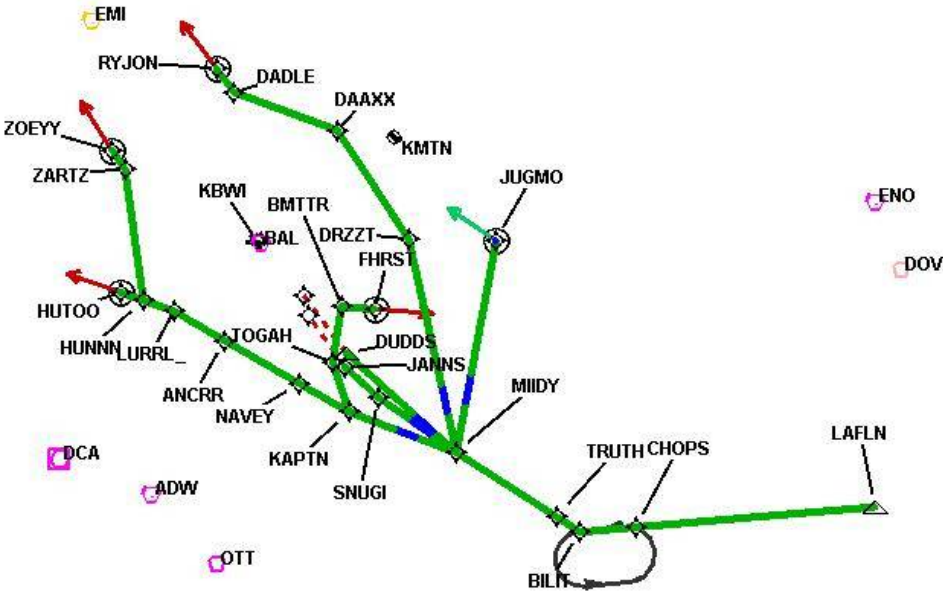
DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

DME Error



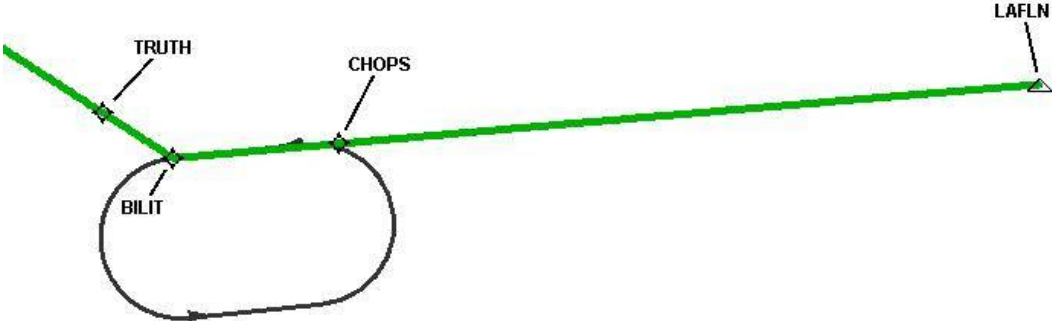
DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

Graphic Depiction 1



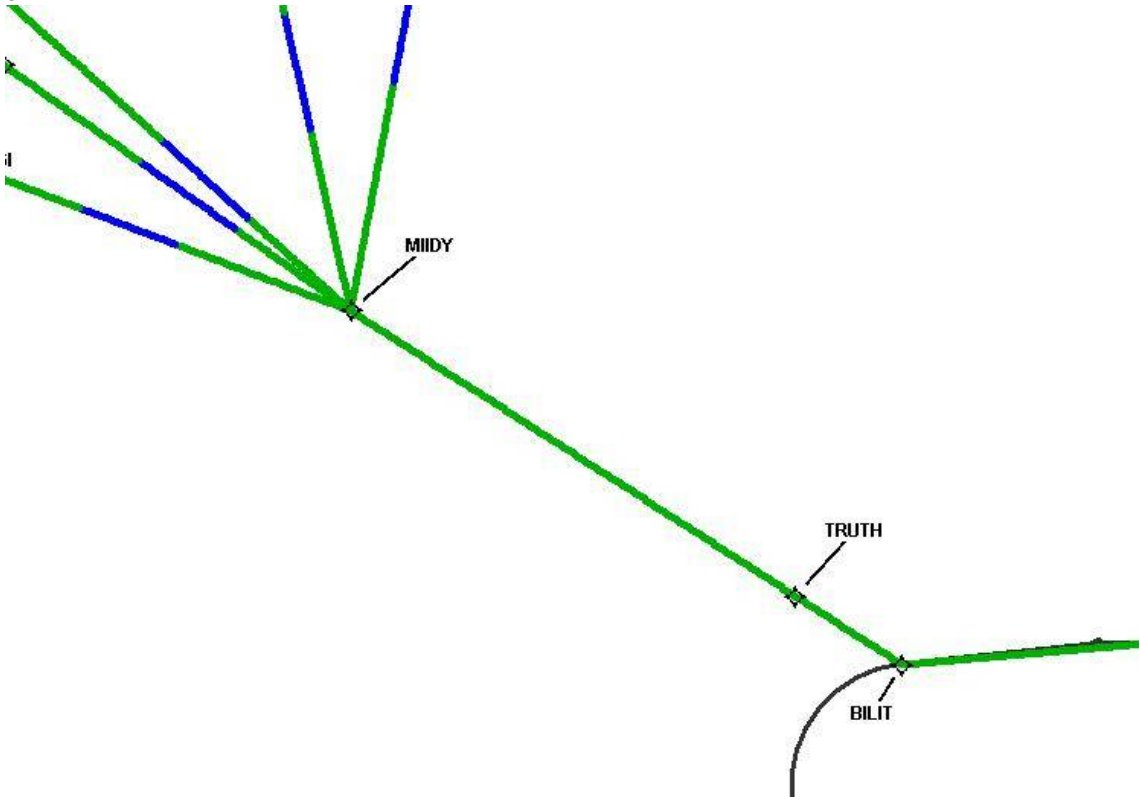
DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

Graphic Depiction 2



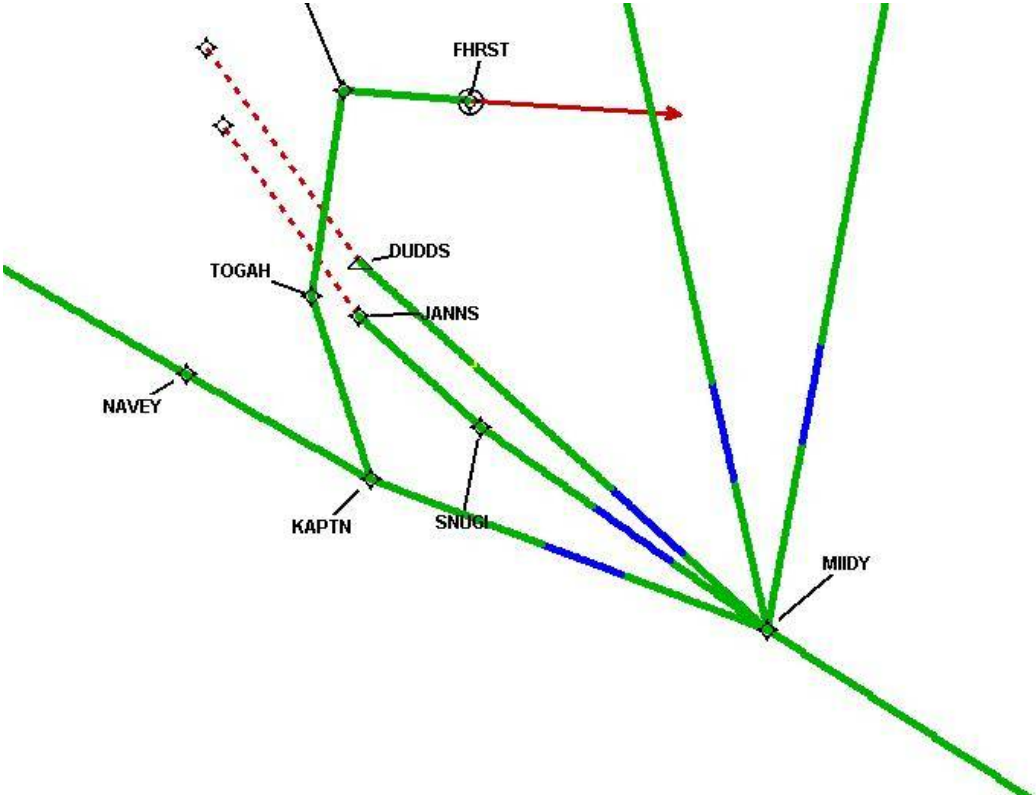
DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

Graphic Depiction 3



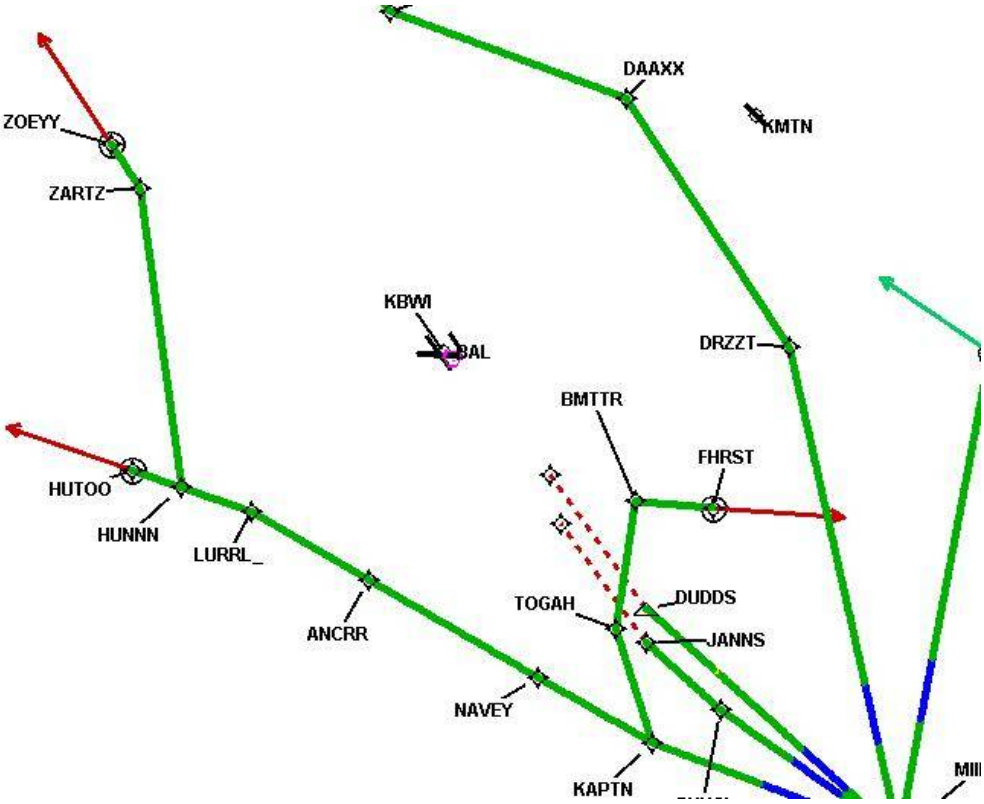
DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

Graphic Depiction 4



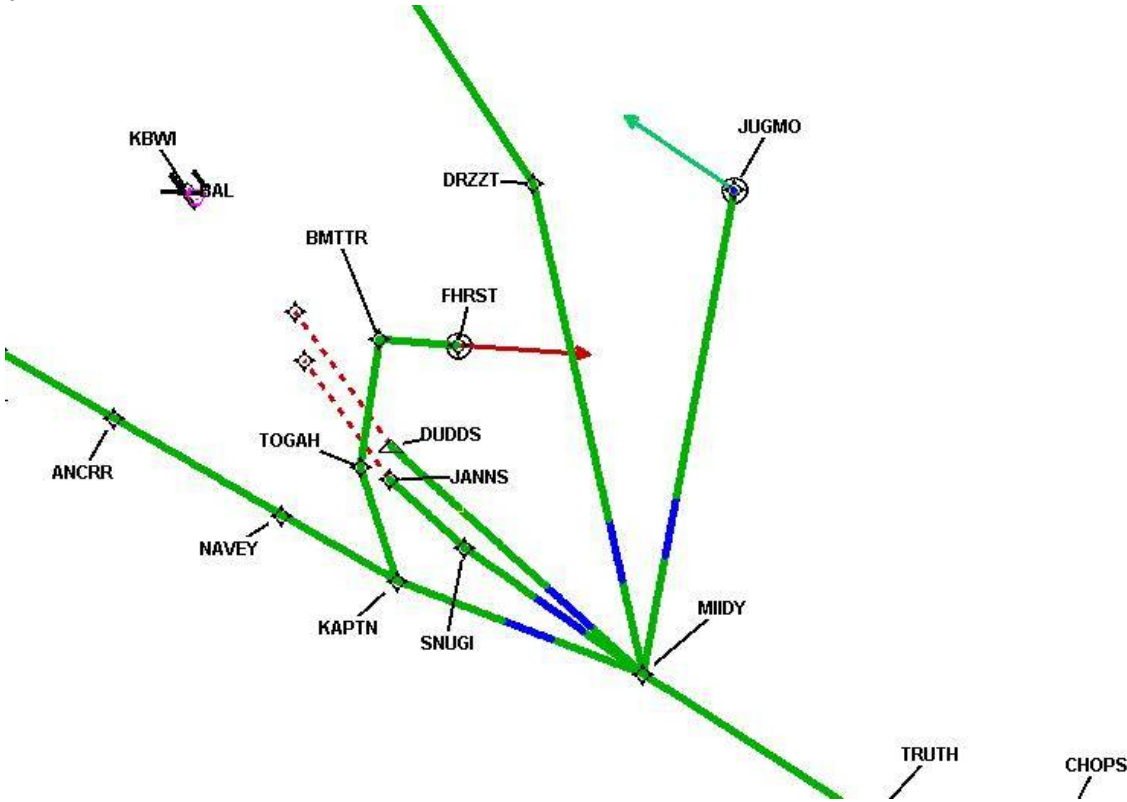
DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

Graphic Depiction 5



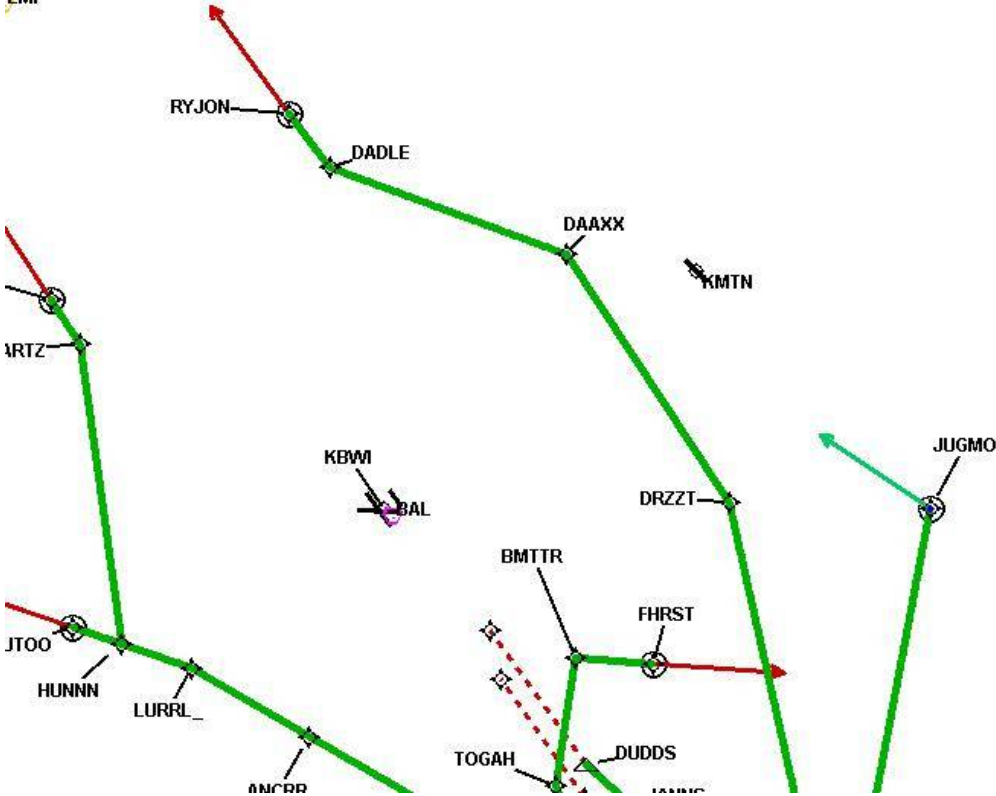
DME DME Assessment Results for MIIDY3 path KAPTAN_FHRST

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path KAPTN_FHRST

Graphic Depiction 7



DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\LAFLN_ZOEYY\KBWI MIIDY3 RNAV STAR LAFLN_ZOEYY 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
LAFLN	WP	N38° 47' 27.4000", W075° 30' 47.7200"	11000	VNAV	250	FLY_BY	TF
CHOPS	WP	N38° 45' 41.8100", W075° 57' 36.1800"	5000	VNAV	250	FLY_BY	TF
BILIT	WP	N38° 45' 15.8200", W076° 03' 57.5900"	5000	VNAV	250	FLY_BY	TF
TRUTH	WP	N38° 46' 36.0800", W076° 06' 38.3700"	5000	VNAV	250	FLY_BY	TF
MIIDY	WP	N38° 52' 09.4000", W076° 17' 48.4600"	5000	VNAV	250	FLY_BY	TF
KAPTN	WP	N38° 55' 41.7900", W076° 29' 51.7200"	5000	VNAV	250	FLY_BY	TF
NAVEY	WP	N38° 58' 10.9900", W076° 35' 29.2600"	5000	VNAV	230	FLY_BY	TF
ANCRR	WP	N39° 01' 52.1500", W076° 43' 43.6000"	4000	VNAV	210	FLY_BY	TF
LURRL_	WP	N39° 04' 28.6300", W076° 49' 30.2300"	4000	VNAV	210	FLY_BY	TF
HUNNN	WP	N39° 05' 23.1000", W076° 52' 54.3500"	4000	VNAV	210	FLY_BY	TF
ZARTZ	WP	N39° 16' 46.1900", W076° 54' 57.2400"	4000	VNAV	210	FLY_BY	TF
ZOEYY	WP	N39° 18' 26.5745", W076° 56' 22.1061"	4000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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:	FKN

DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	DOV	N39° 07' 56.6400", W075° 28' 02.6700"	12.0 W	25	T	IFPA	NO	Enabled	2.6 %	2.8 %
2	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L	IFPA	NO	Enabled	47.6 %	44.7 %
3	ATR	N38° 48' 35.3168", W075° 12' 40.7605"	9.0 W	40	L	IFPA	NO	Enabled	29.3 %	31 %
4	ENO	N39° 13' 53.9281", W075° 30' 57.4918"	9.0 W	40	L	IFPA	NO	Enabled	27.4 %	29 %
5	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	49.2 %	46.4 %
6	PXT	N38° 17' 16.2825", W076° 24' 00.8315"	10.0 W	40	L	IFPA	NO	Enabled	27.6 %	29.1 %
7	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L	IFPA	NO	Enabled	33.2 %	29.9 %
8	SIE	N39° 05' 43.8324", W074° 48' 01.2382"	9.0 W	130	H	IFPA	NO	Enabled	0.2 %	0.3 %
9	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	69.6 %	67.9 %
10	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	57.6 %	55.2 %
11	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H	IFPA	NO	Enabled	40.4 %	37.1 %
12	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ENO	ATR	DOV	SIE		
0.3	ENO	ATR	DOV			
2.4	ENO	ATR				
18.3	ENO	ATR	PXT			
24.1	PXT	ATR				
24.5	PXT	ADW	ATR			
25.8	PXT	ADW				
35.0	PXT	DCA	ADW			
38.7	PXT	DCA	ADW	OTT		
38.9	PXT	DCA	ADW			
39.5	PXT	DCA	ADW	OTT		
40.9	PXT	DCA	ADW			
42.5						
44.5	BAL	ADW	DCA			
47.4	BAL	ADW	OTT	DCA		
52.2	ADW	EMI	BAL	DCA	OTT	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 53' 25.7108", W076° 22' 07.6983"	N38° 54' 08.1991", W076° 24' 32.3404"	2.0106

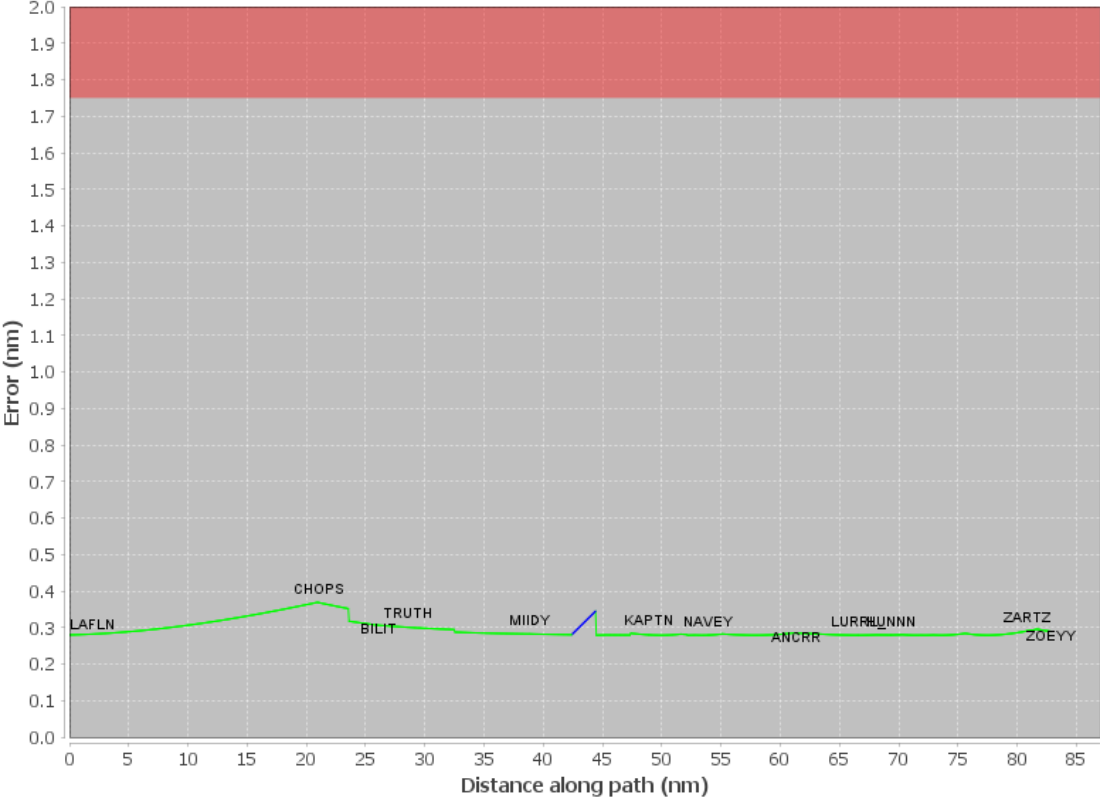
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
LAFLN	CHOPS	ENO, DOV, PXT, SIE, ATR	
CHOPS	BILIT	ADW, ENO, PXT, ATR	
BILIT	TRUTH	ADW, PXT	
TRUTH	MIIDY	DCA, ADW, PXT, OTT	
MIIDY	KAPTN	DCA, ADW, PXT, BAL, OTT	
KAPTN	NAVEY	EMI, DCA, ADW, BAL, OTT	
NAVEY	ANCRR	EMI, AML, DCA, ADW, BAL, OTT	
ANCRR	LURRL_	AML, EMI, DCA, ADW, BAL, OTT	
LURRL_	HUNNN	AML, EMI, DCA, ADW, BAL, OTT	
HUNNN	ZARTZ	AML, EMI, DCA, ADW, BAL, OTT	
ZARTZ	ZOEYY	AML, EMI, DCA, ADW, BAL, OTT	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

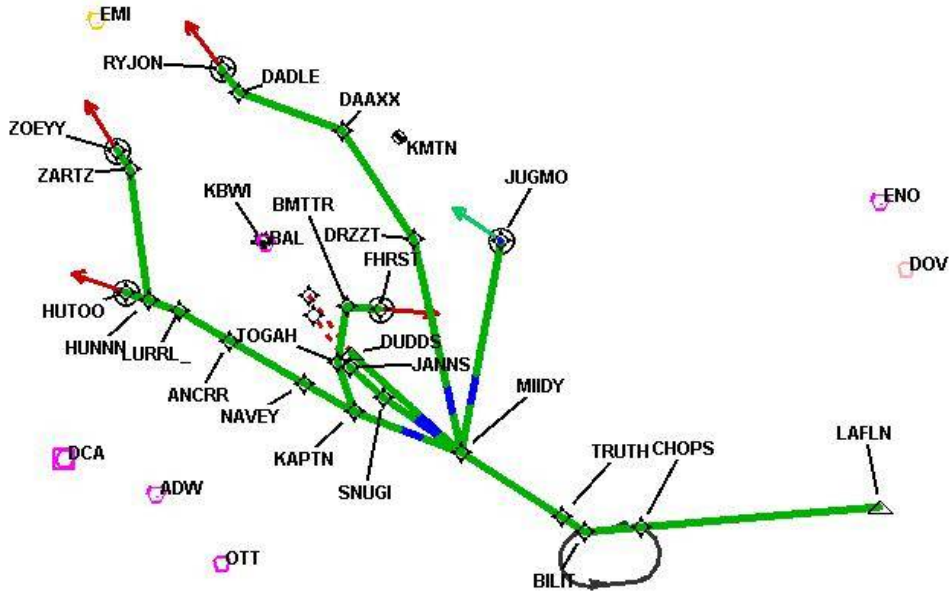
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

DME Error



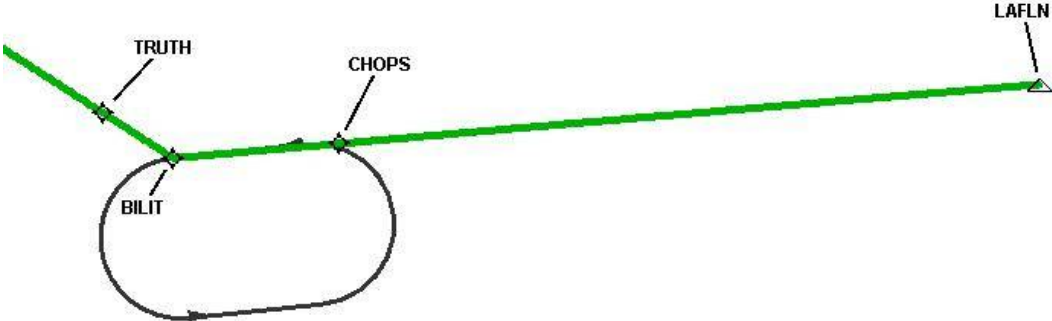
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 1



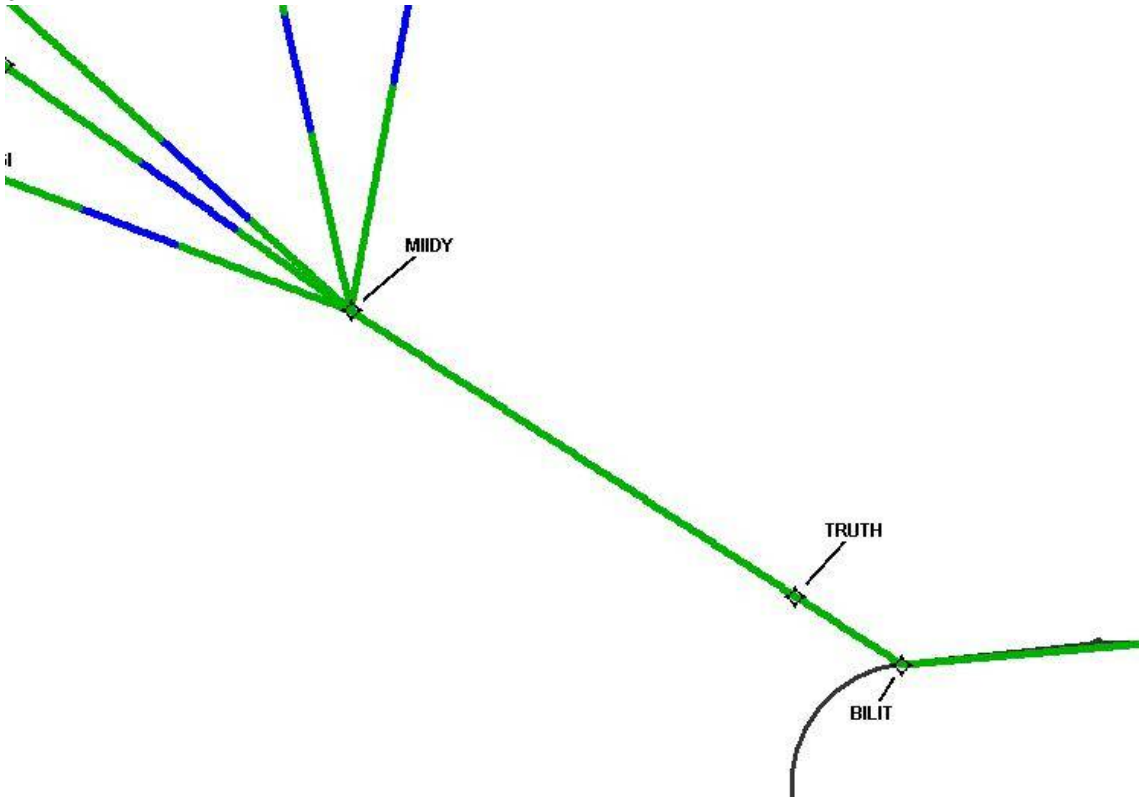
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 2



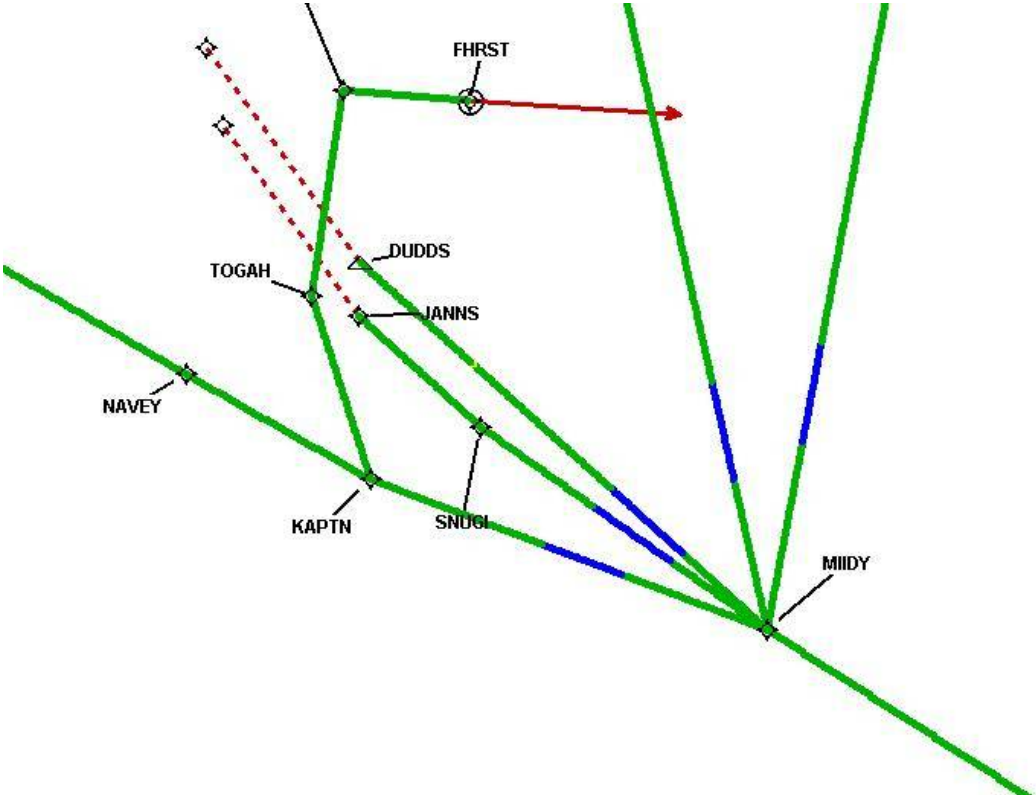
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 3



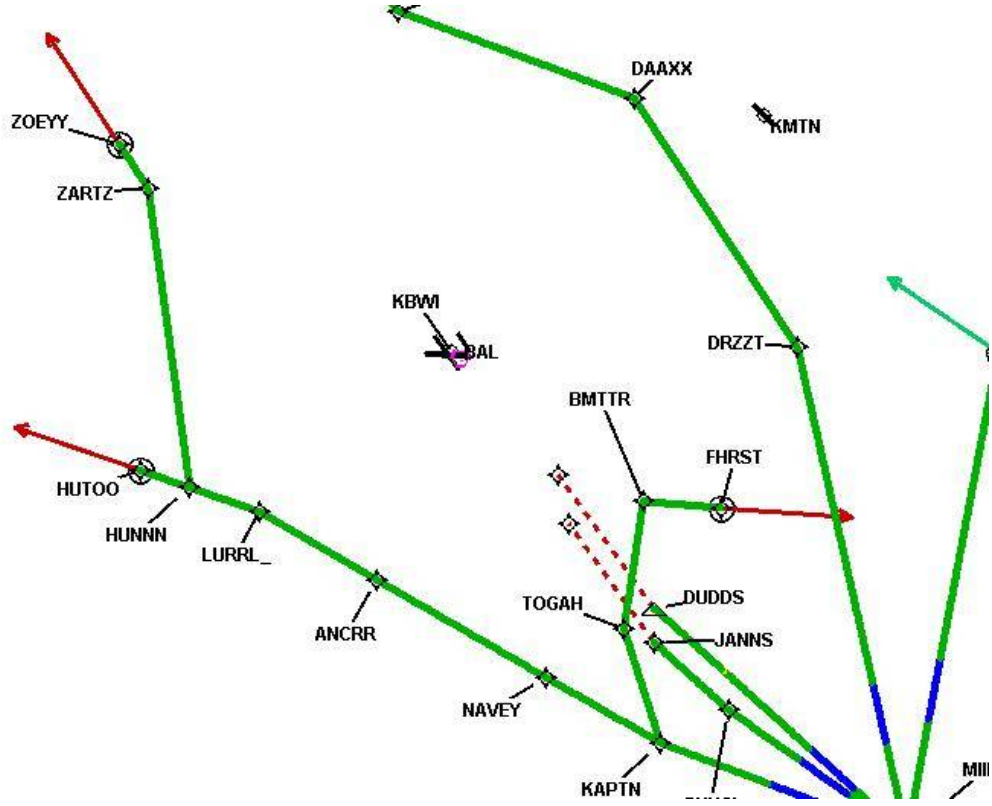
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 4



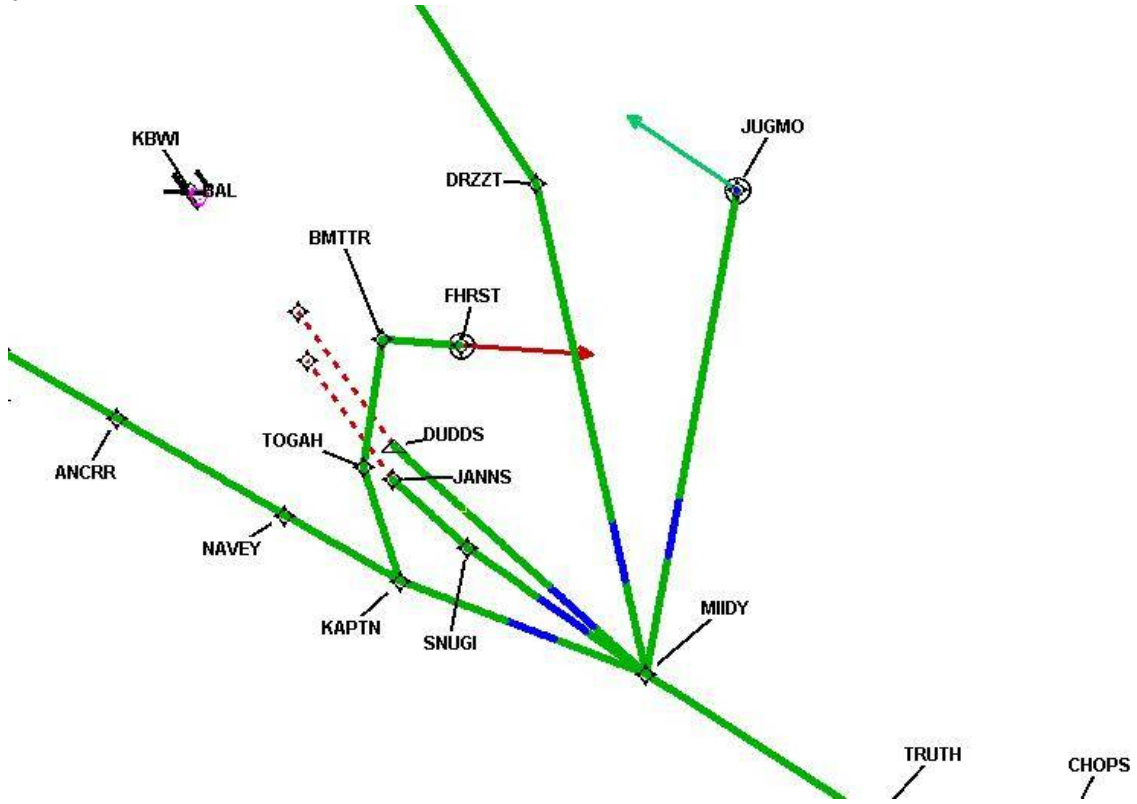
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 5



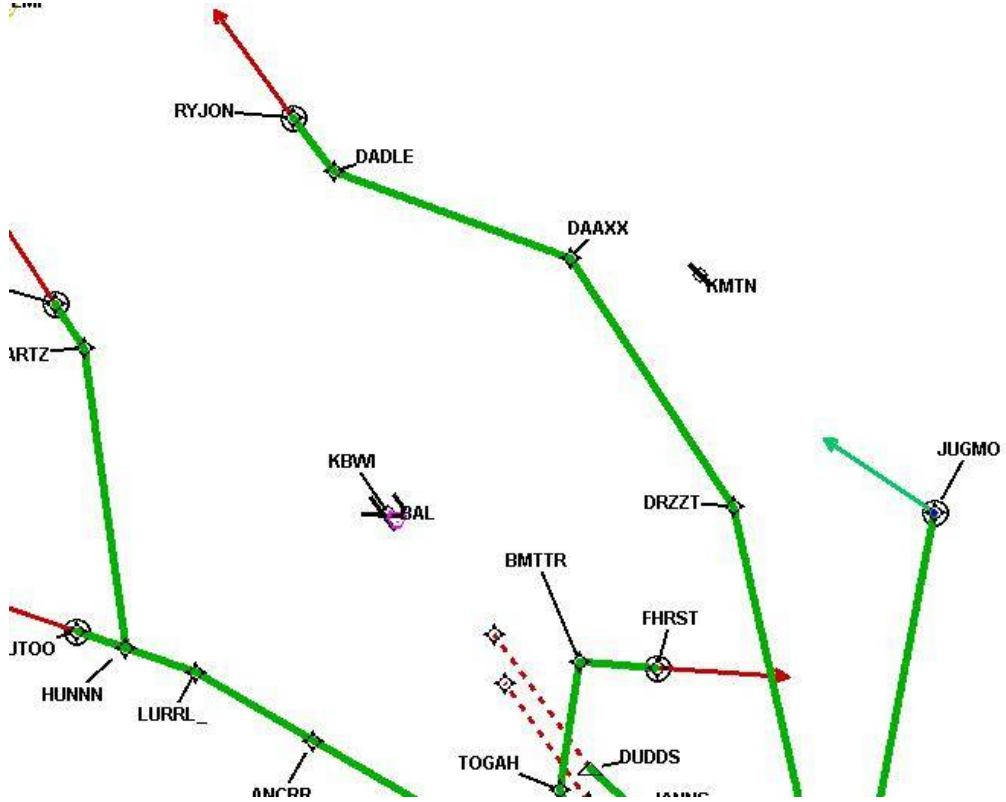
DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path LAFLN_ZOEYY

Graphic Depiction 7



DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\MIIDY_DUDDS\KBWI MIIDY3 RNAV STAR MIIDY DUDDS 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
MIIDY	WP	N38° 52' 09.4000", W076° 17' 48.4600"	5000	VNAV	250	FLY_BY	TF
DUDDS	WP	N39° 00' 48.2100", W076° 30' 10.6100"	3000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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 MIIDY3 path MIIDY_DUDDS

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:	FKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L	IFPA	NO	Enabled	22.5 %	22.5 %
2	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	62 %	62 %
3	PXT	N38° 17' 16.2825", W076° 24' 00.8315"	10.0 W	40	L	IFPA	NO	Enabled	19.8 %	19.8 %
4	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	72.7 %	72.7 %
5	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	81.8 %	81.8 %
6	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H	IFPA	NO	Enabled	20.9 %	20.9 %
7	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PXT	DCA	ADW	OTT		
2.6						
4.9	BAL	ADW				
6.1	BAL	ADW	DCA			
9.4	OTT	BAL	EMI	ADW	DCA	
9.4	OTT	BAL	ADW	DCA		
9.8	BAL	ADW	DCA			
10.3	ADW	EMI	BAL	DCA		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 53' 54.9337", W076° 20' 19.0281"	N38° 55' 26.5371", W076° 22' 29.8851"	2.2857

DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
MIIDY	DUDDS	EMI, DCA, ADW, PXT, BAL, OTT	

User Data Files

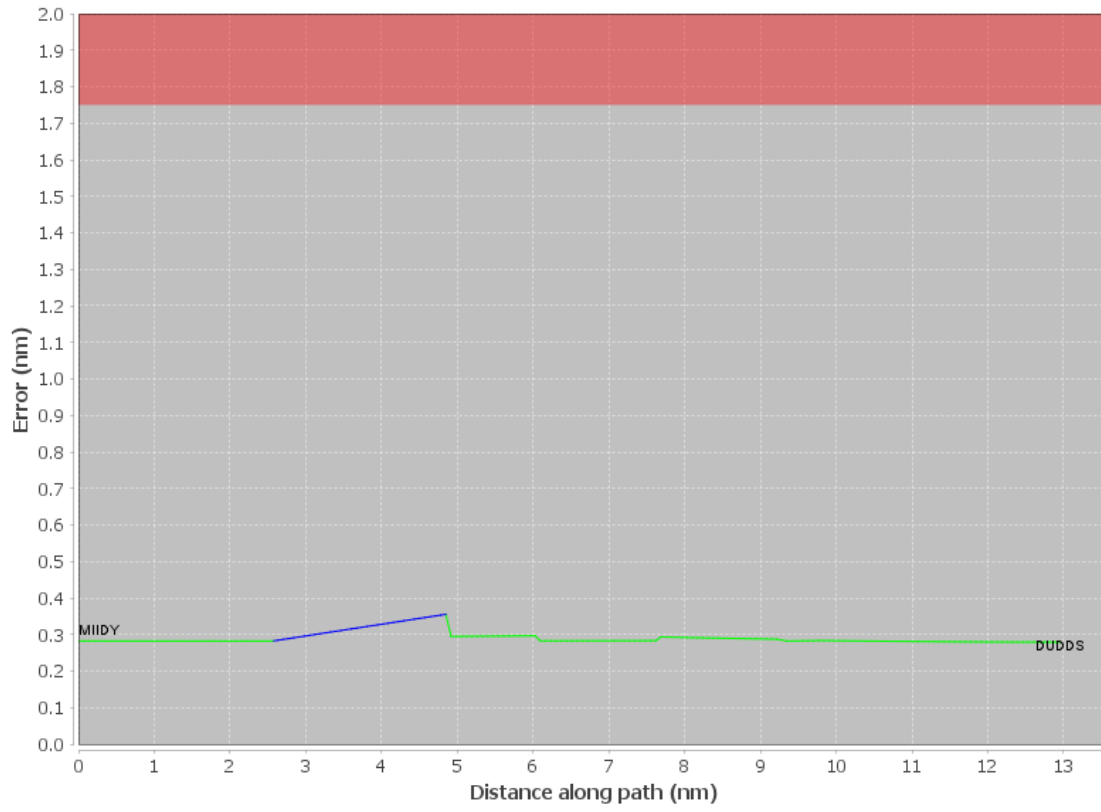
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None	

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

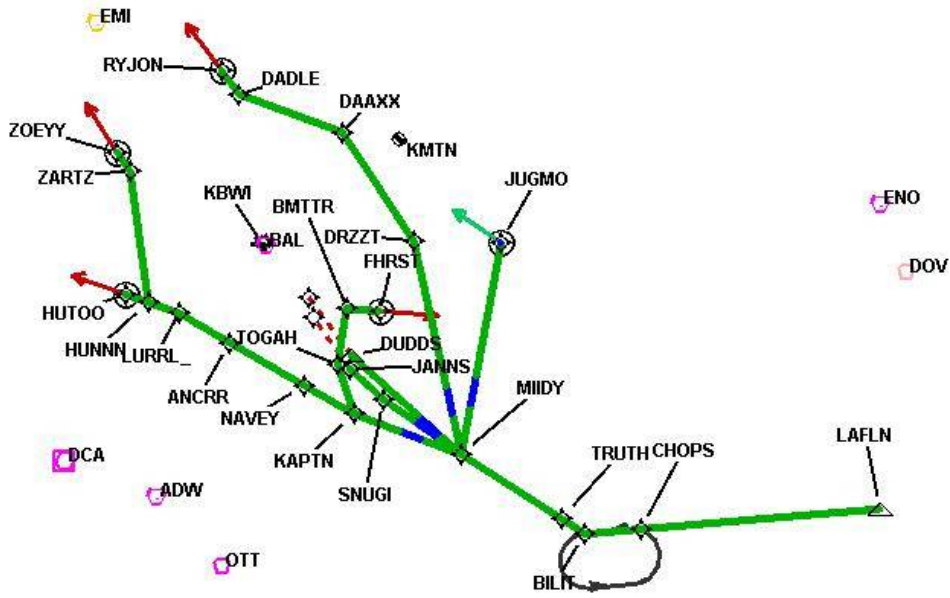
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

DME Error



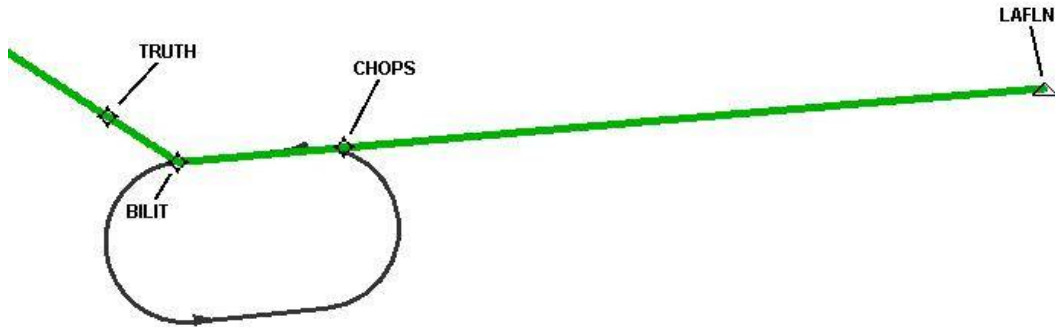
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 1



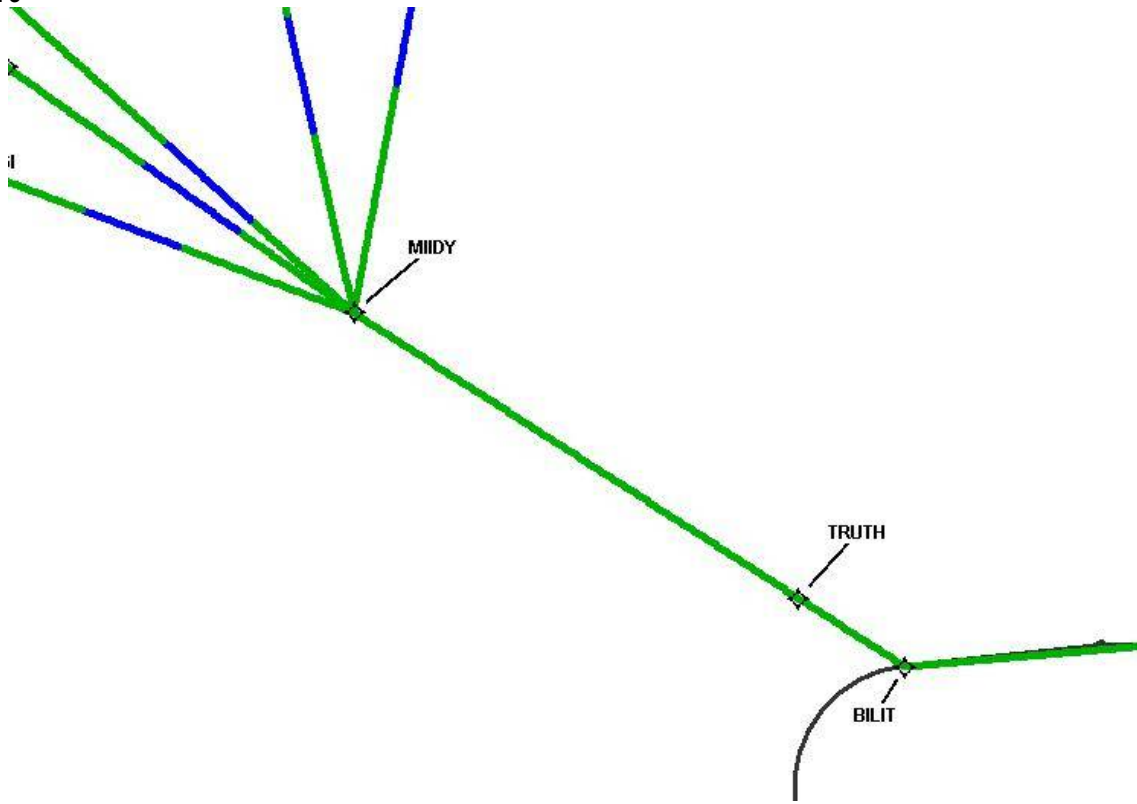
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 2



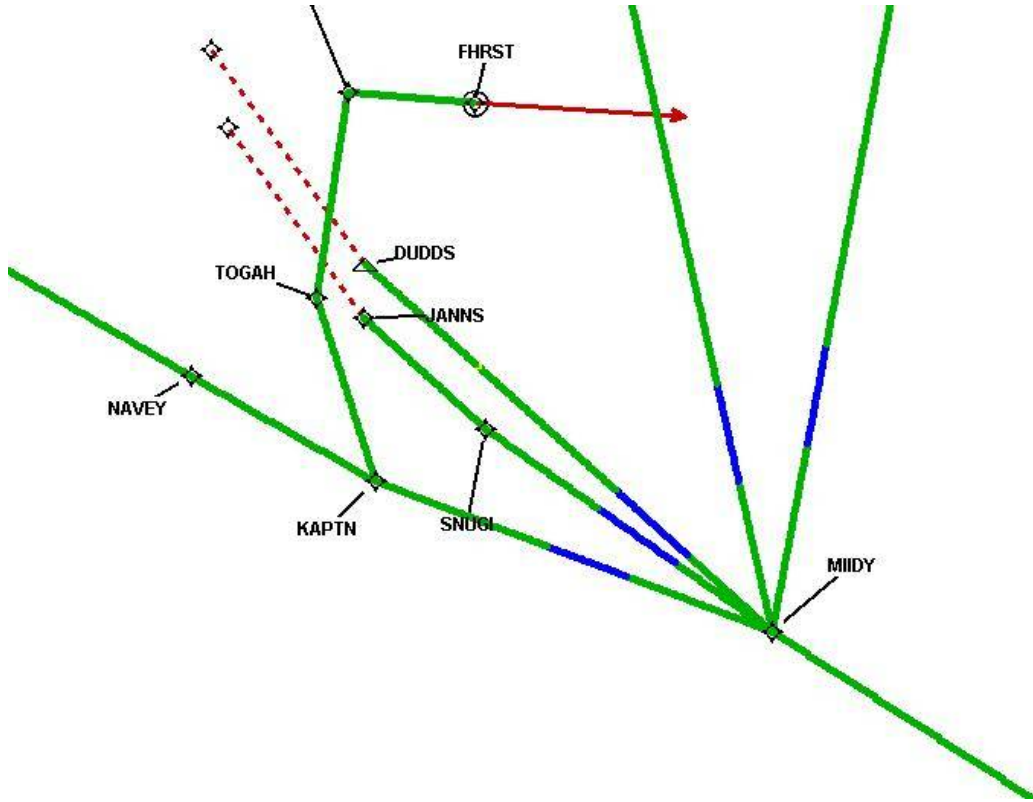
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 3



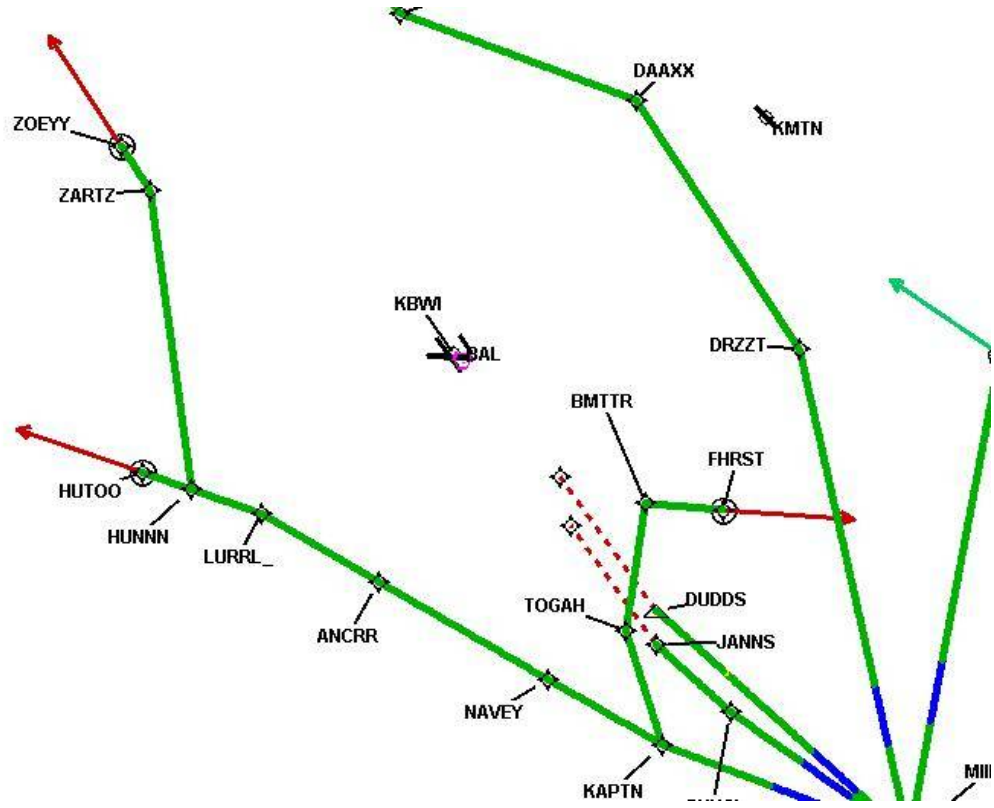
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 4



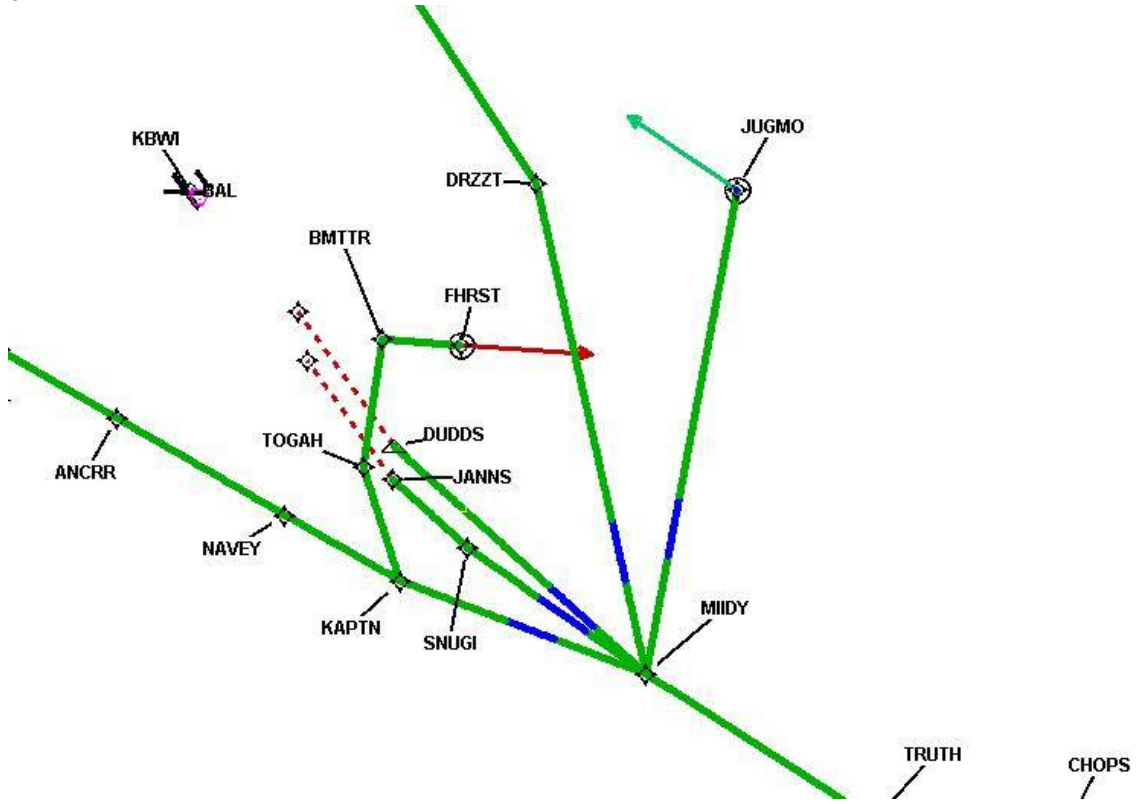
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 5



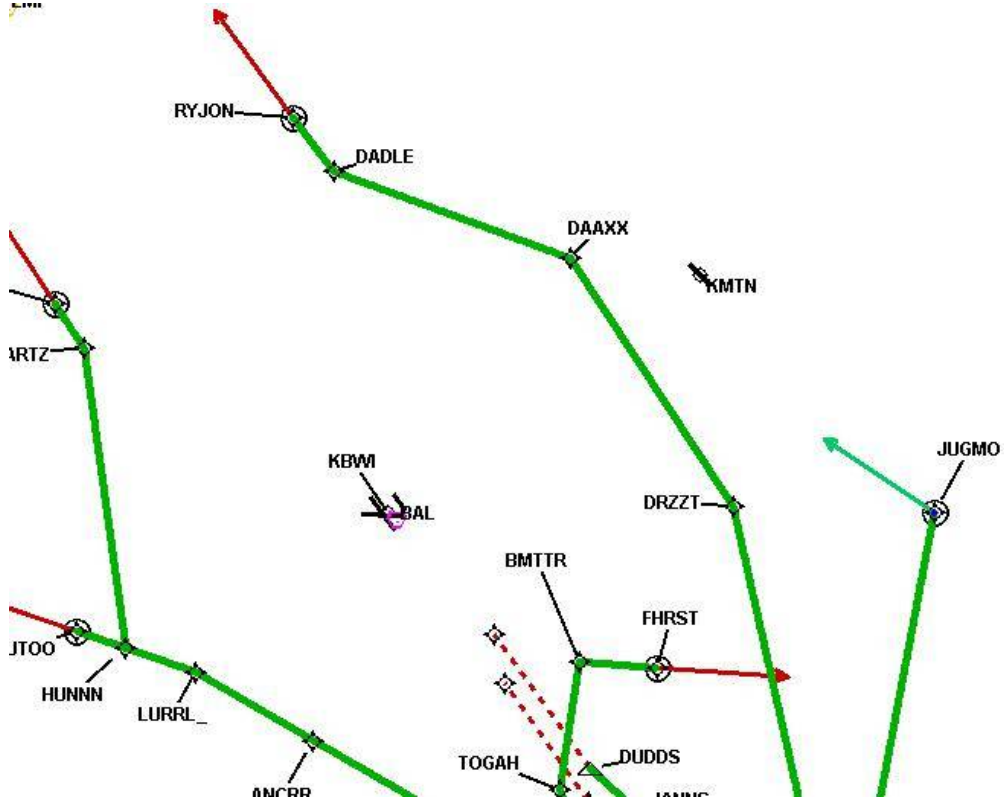
DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path MIIDY_DUDDS

Graphic Depiction 7



DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\MIIDY_JANNS\KBWI MIIDY3 RNAV STAR MIIDY JANNS 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
MIIDY	WP	N38° 52' 09.4000", W076° 17' 48.4600"	5000	VNAV	250	FLY_BY	TF
SNUGI	WP	N38° 56' 56.8800", W076° 26' 32.1800"	5000	VNAV	250	FLY_BY	TF
JANNS	WP	N38° 59' 32.3200", W076° 30' 13.2300"	4000	VNAV	210	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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 MIIDY3 path MIIDY_JANNS

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:	FKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L	IFPA	NO	Enabled	27.9 %	27.9 %
2	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	59 %	59 %
3	PXT	N38° 17' 16.2825", W076° 24' 00.8315"	10.0 W	40	L	IFPA	NO	Enabled	21.6 %	21.6 %
4	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	80.7 %	80.7 %
5	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	80.7 %	80.7 %
6	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H	IFPA	NO	Enabled	13.6 %	13.6 %
7	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection					
Distance [NM]	Selected DMEs				Alternate
0.0	PXT	DCA	ADW	OTT	
2.7					
5.0	BAL	ADW	DCA		
9.5	BAL	ADW	OTT	DCA	
10.3	BAL	ADW	DCA		
10.5	BAL	ADW	EMI	DCA	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 53' 42.9030", W076° 20' 38.5403"	N38° 55' 01.9668", W076° 23' 02.5512"	2.2899

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MIIDY	SNUGI	DCA, ADW, PXT, BAL, OTT	
SNUGI	JANNS	EMI, DCA, ADW, BAL, OTT	

DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

User Data Files

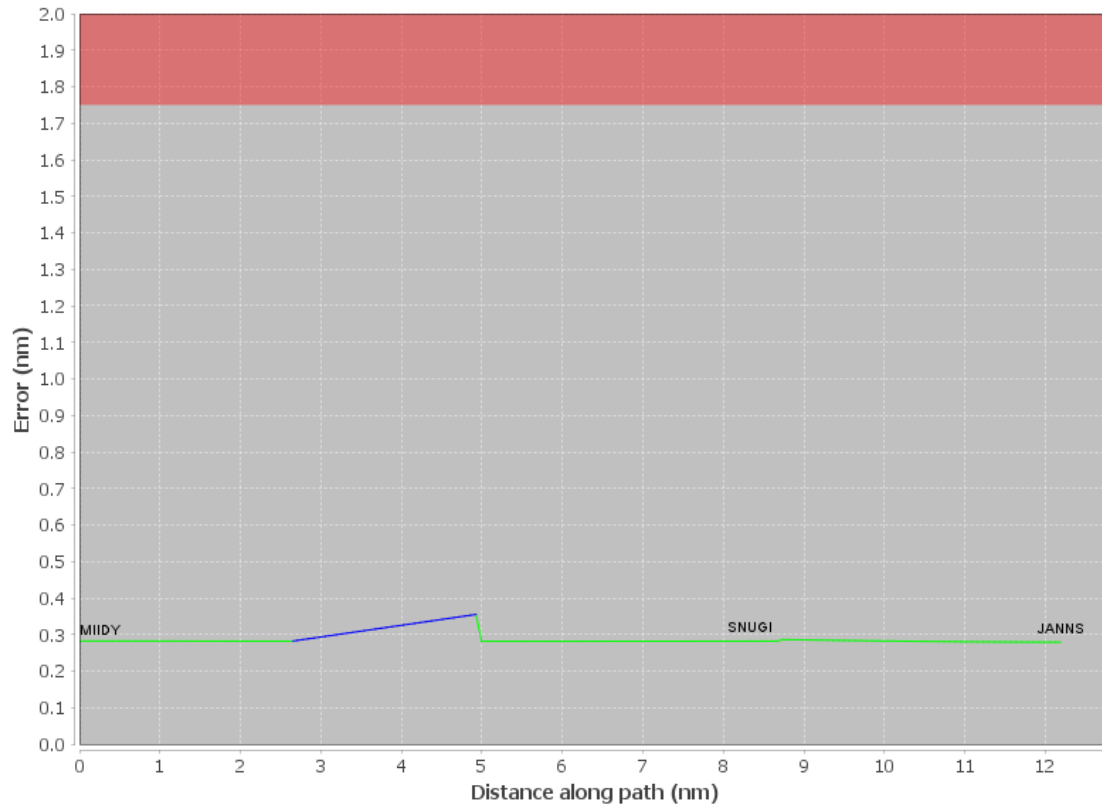
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

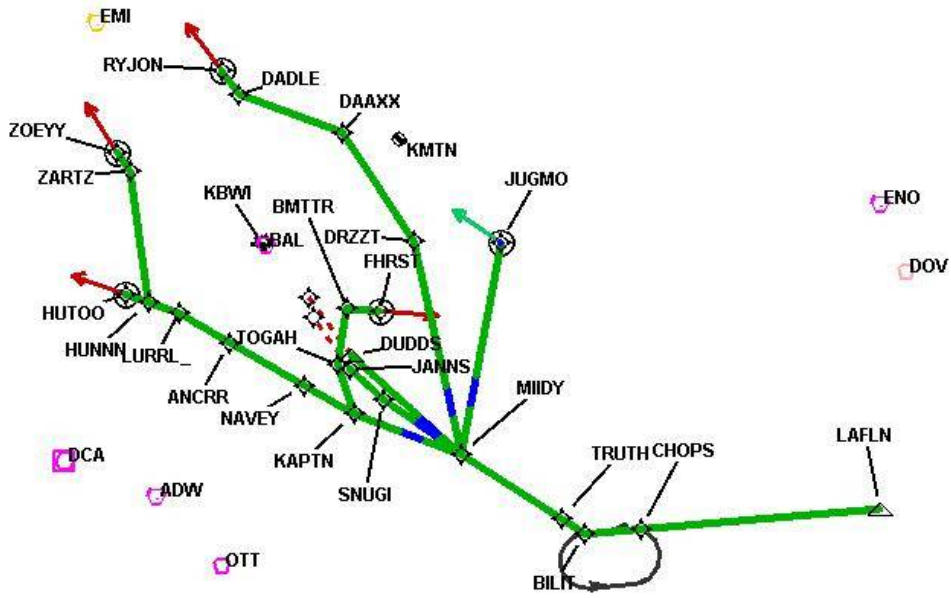
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

DME Error



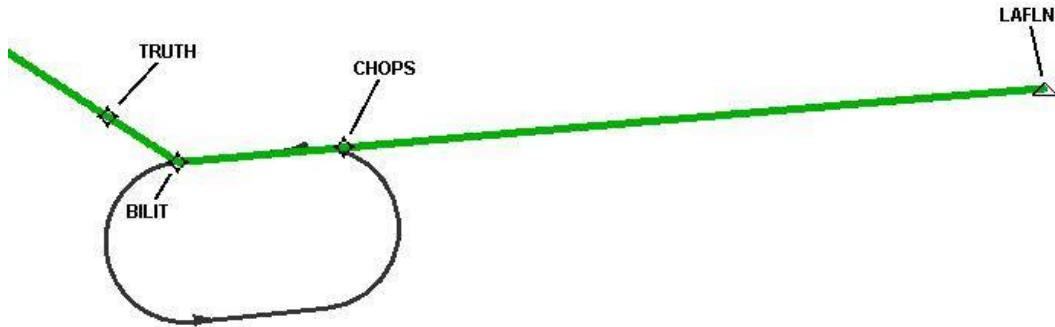
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 1



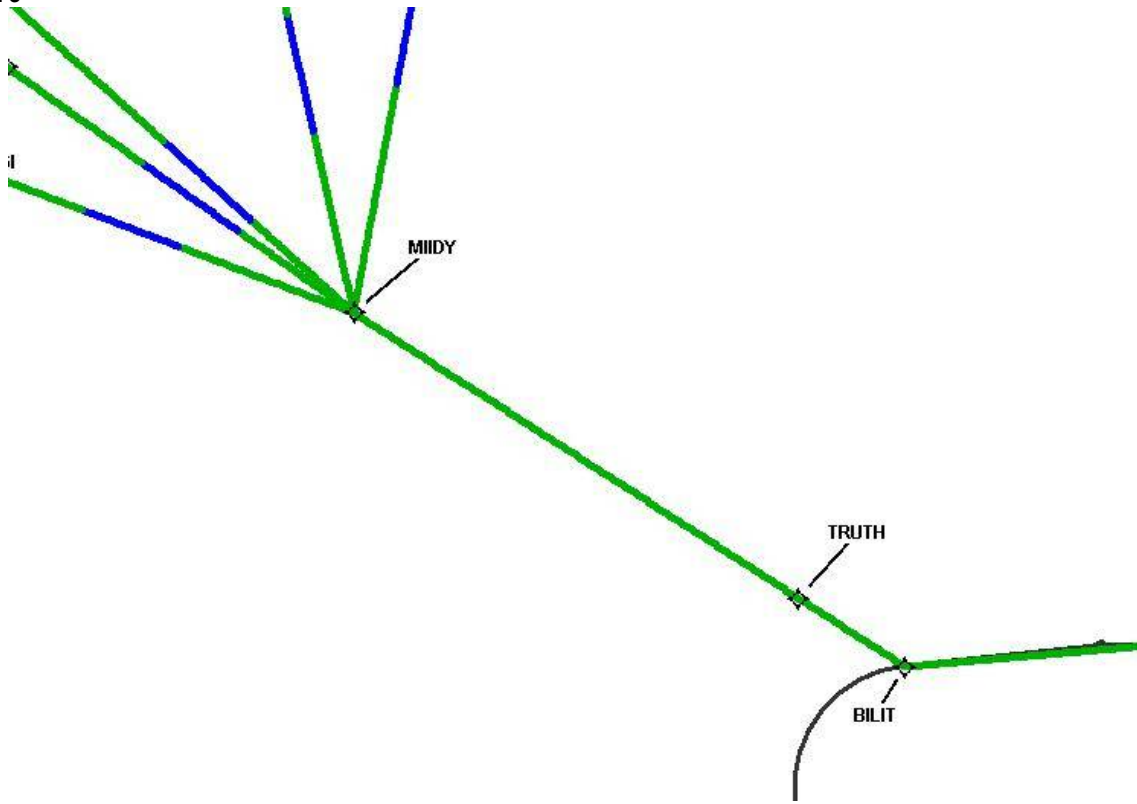
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 2



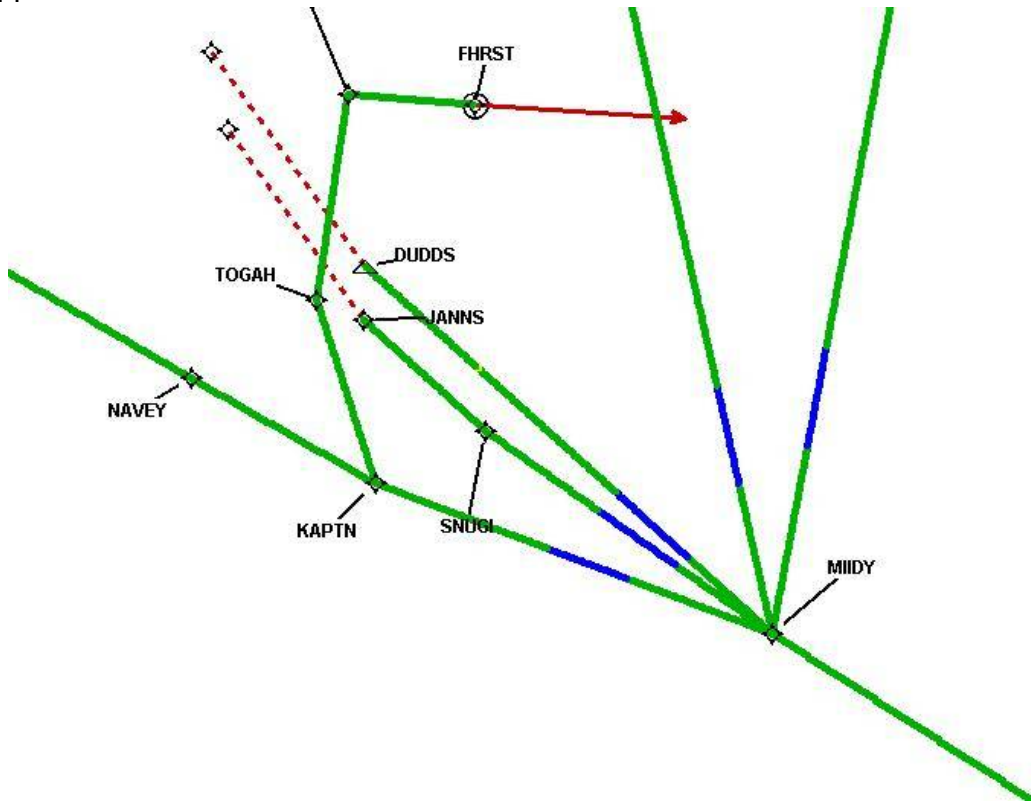
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 3



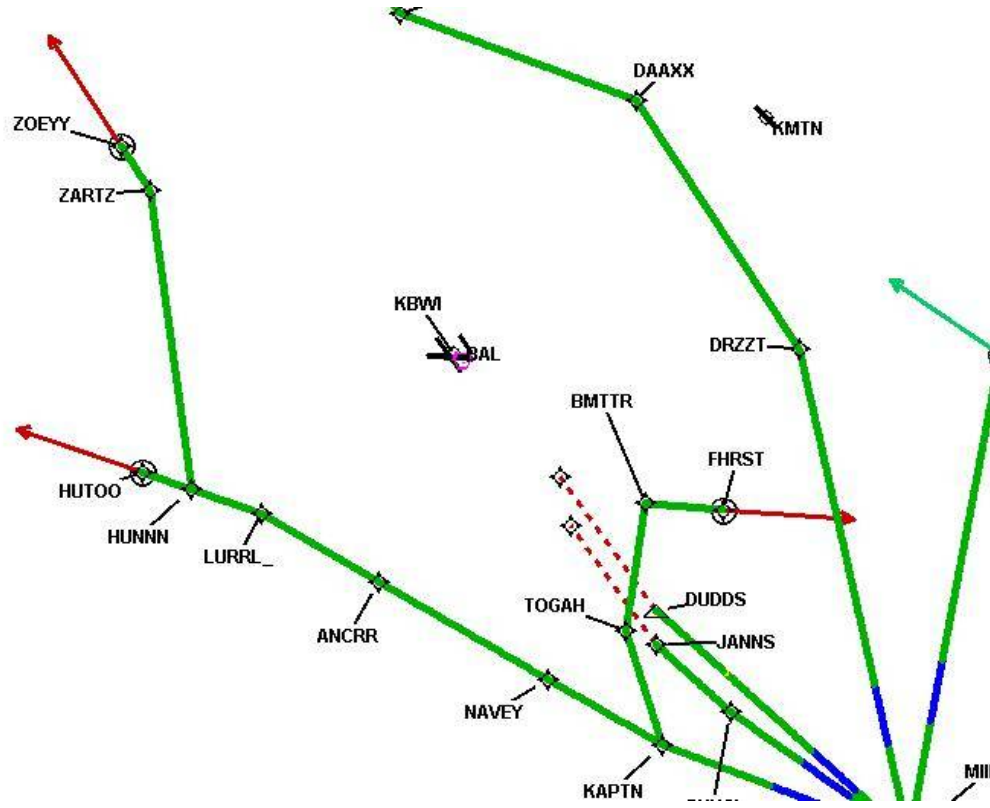
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 4



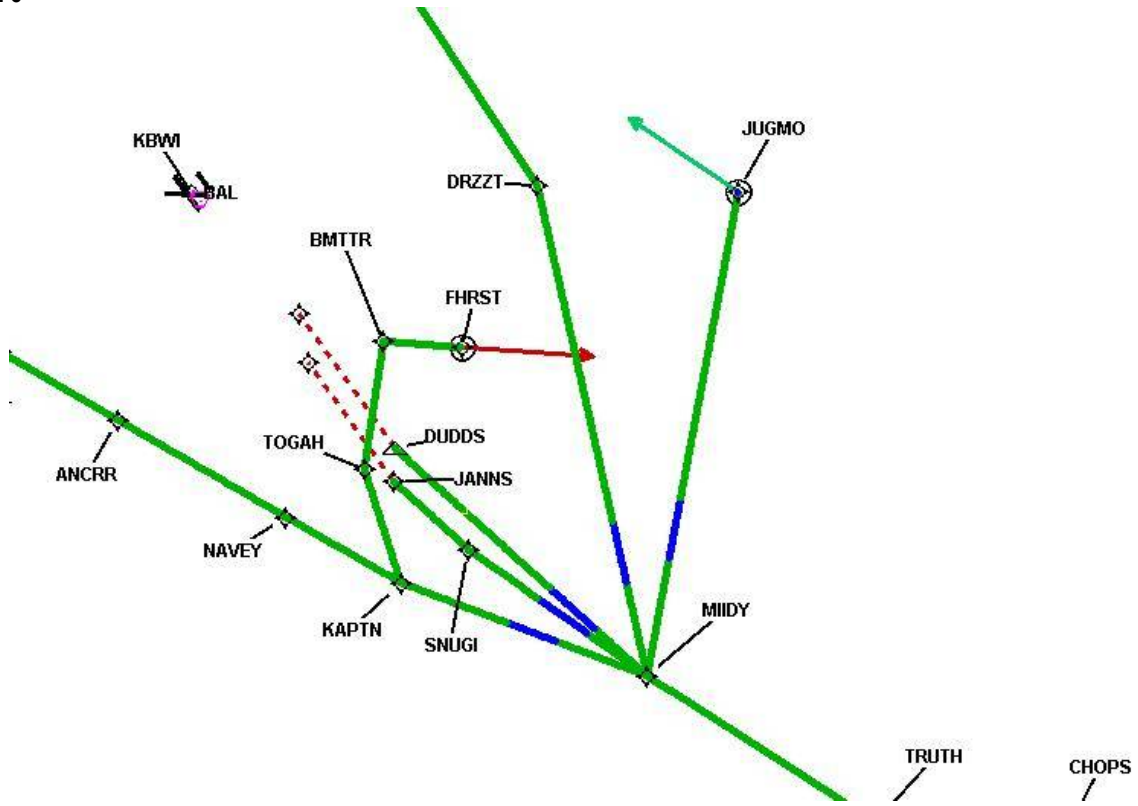
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 5



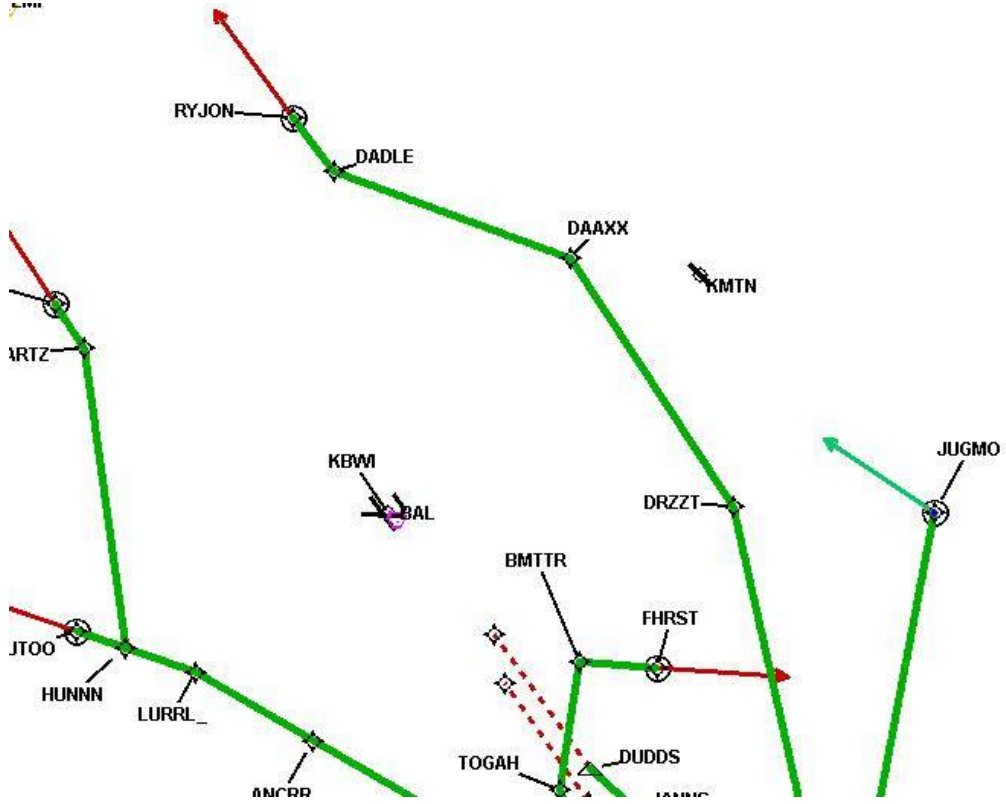
DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path MIIDY_JANNS

Graphic Depiction 7



DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\MIIDY_JUGMO\KBWI MIIDY3 RNAV STAR MIIDY JUGMO 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
MIIDY	WP	N38° 52' 09.4000", W076° 17' 48.4600"	5000	VNAV	250	FLY_BY	TF
JUGMO	WP	N39° 10' 31.7800", W076° 13' 20.0400"	3000	VNAV	250	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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 MIIDY3 path MIIDY_JUGMO

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:	FKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	62.6 %	62.6 %
2	PXT	N38° 17' 16.2825", W076° 24' 00.8315"	10.0 W	40	L	IFPA	NO	Enabled	23.3 %	23.3 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	21.1 %	21.1 %
4	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	85.9 %	85.9 %
5	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PXT	DCA	ADW			
4.0	PXT	ADW				
4.4						
6.8	BAL	ADW				
18.5						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 56' 30.7256", W076° 16' 45.0436"	N38° 58' 49.5496", W076° 16' 11.3010"	2.3528
2	N39° 10' 23.6151", W076° 13' 22.0368"	N39° 10' 31.7800", W076° 13' 20.0400"	0.1384

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MIIDY	JUGMO	DCA, ADW, PXT, BAL	

DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

User Data Files

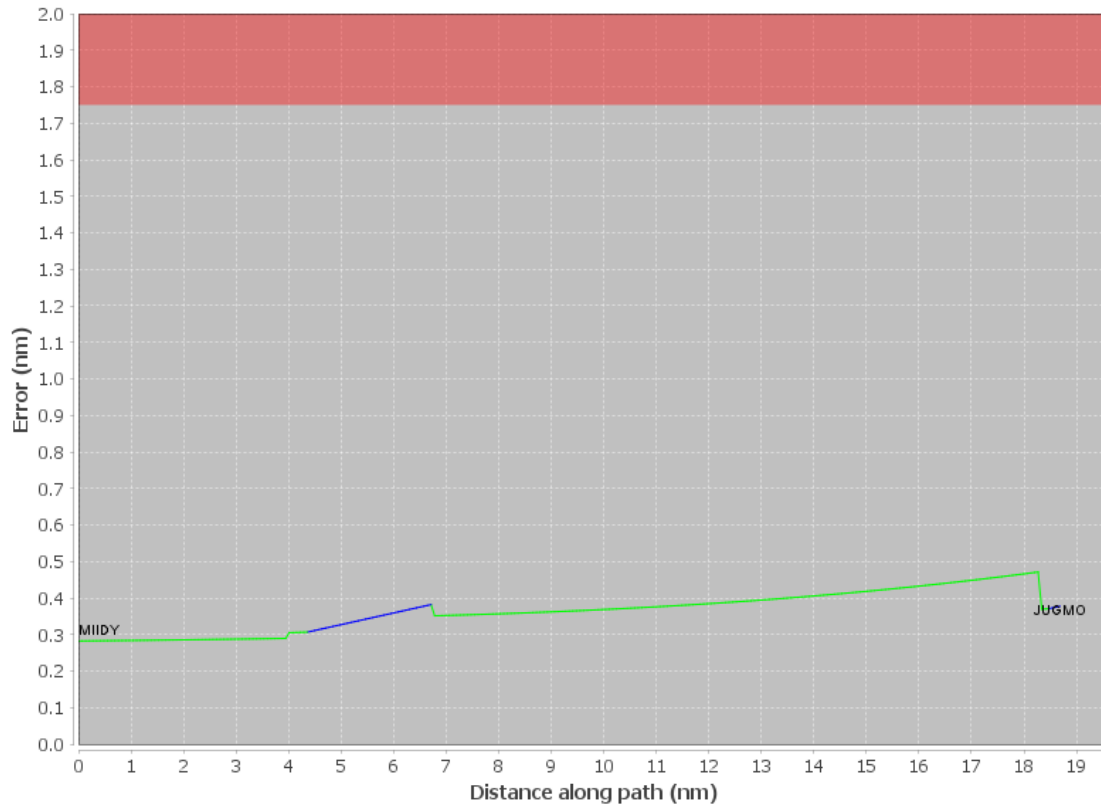
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User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

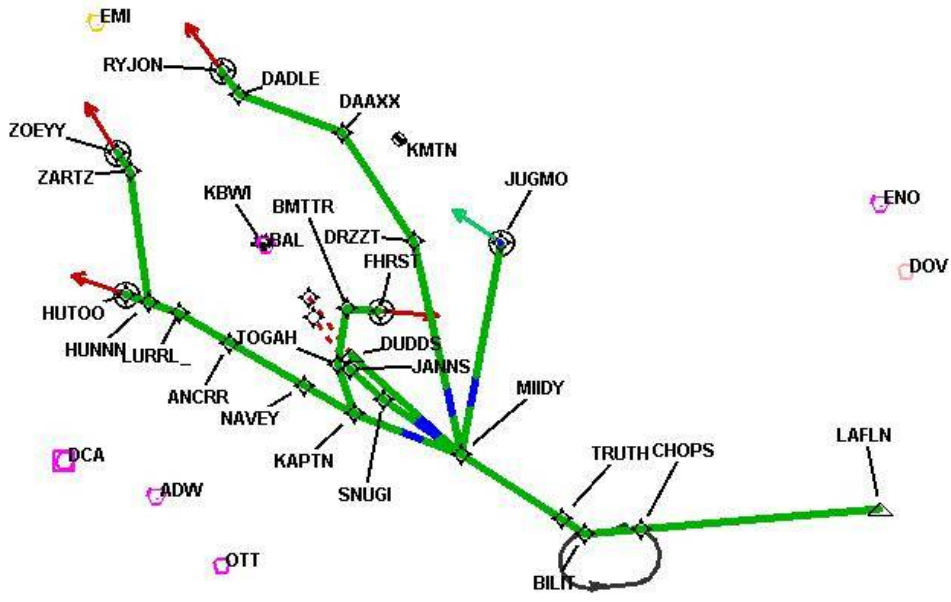
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

DME Error



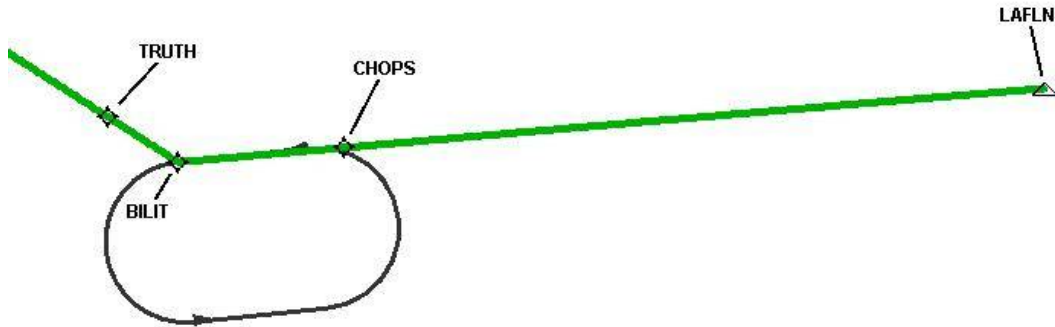
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 1



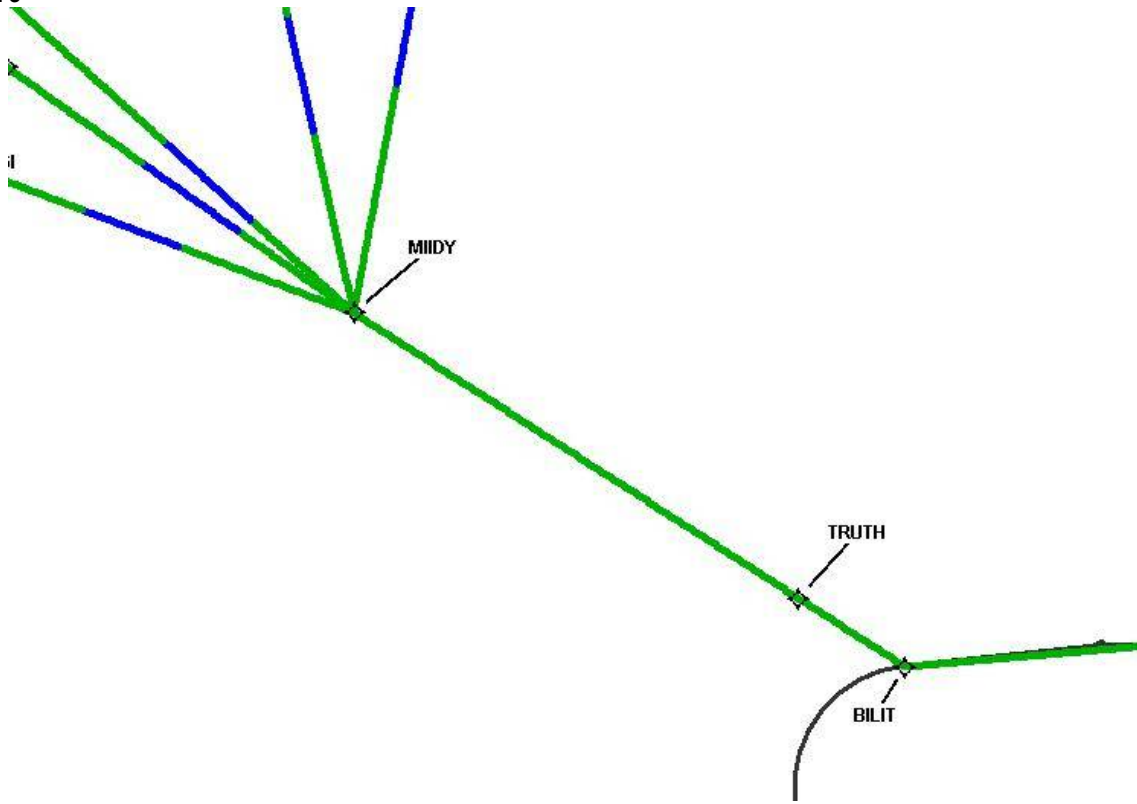
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 2



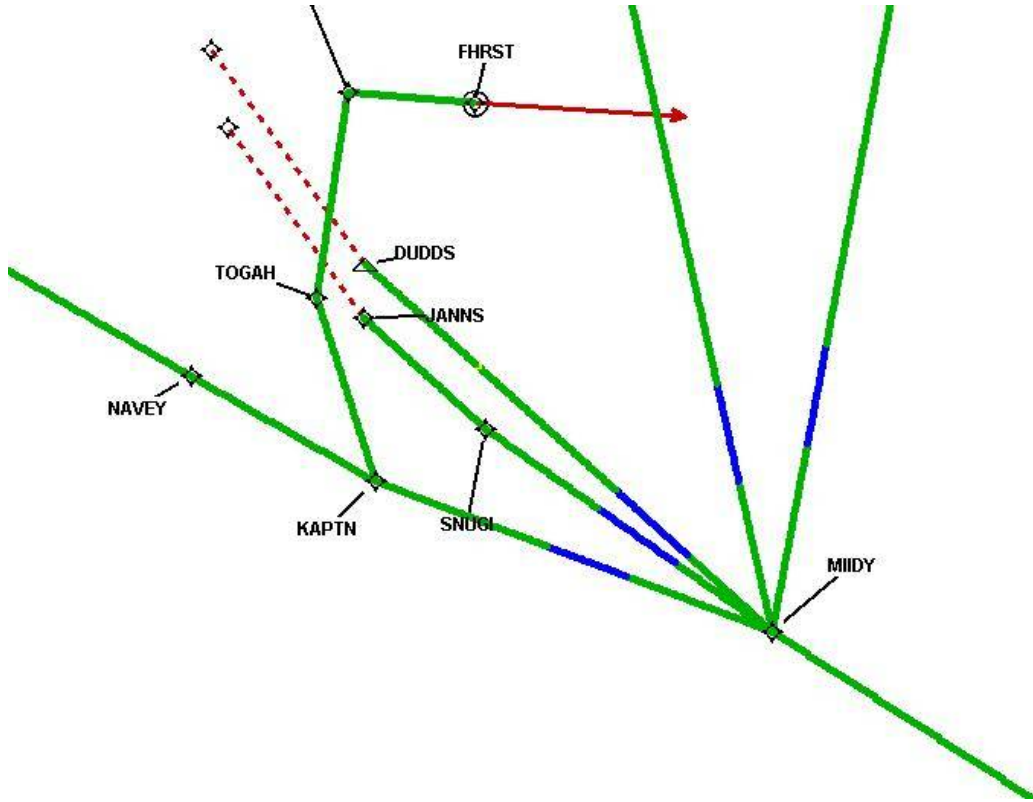
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 3



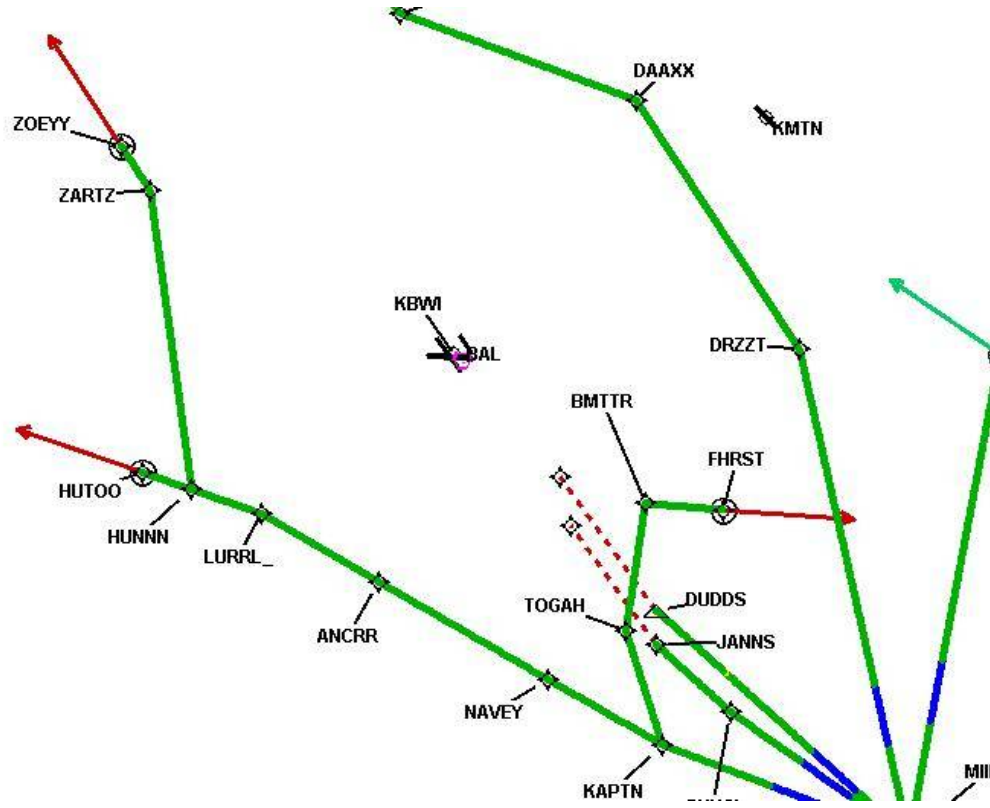
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 4



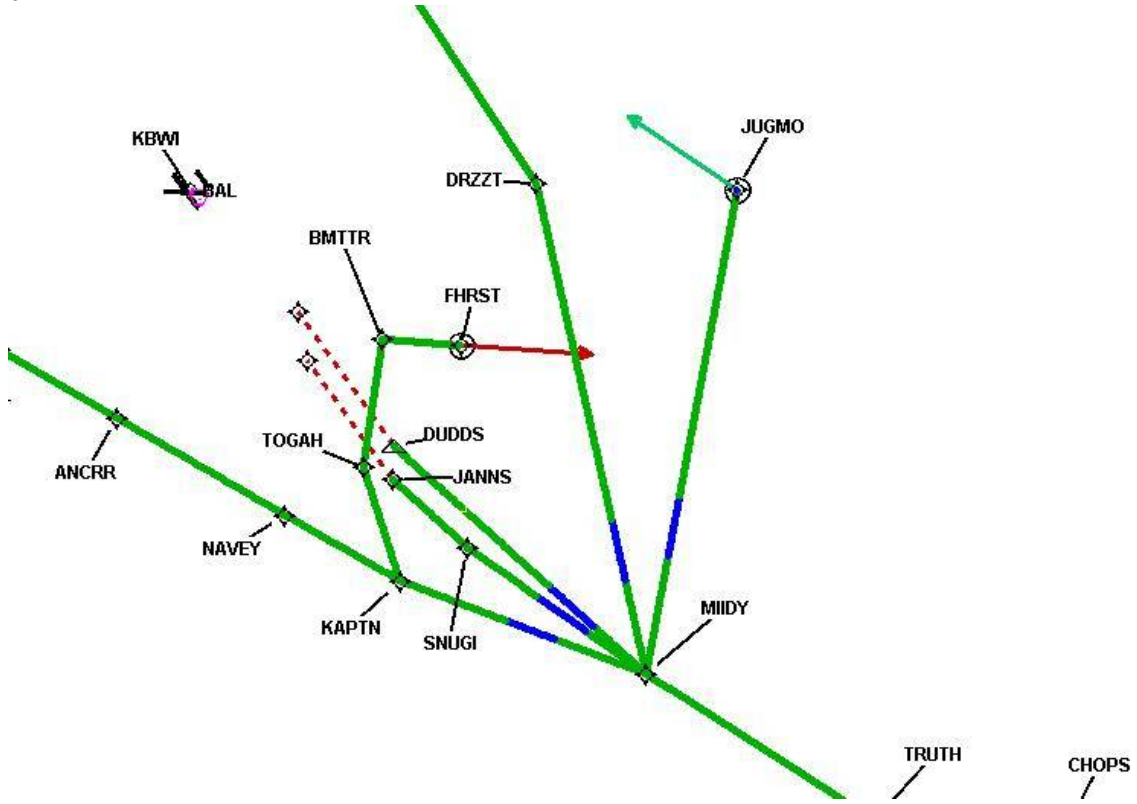
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 5



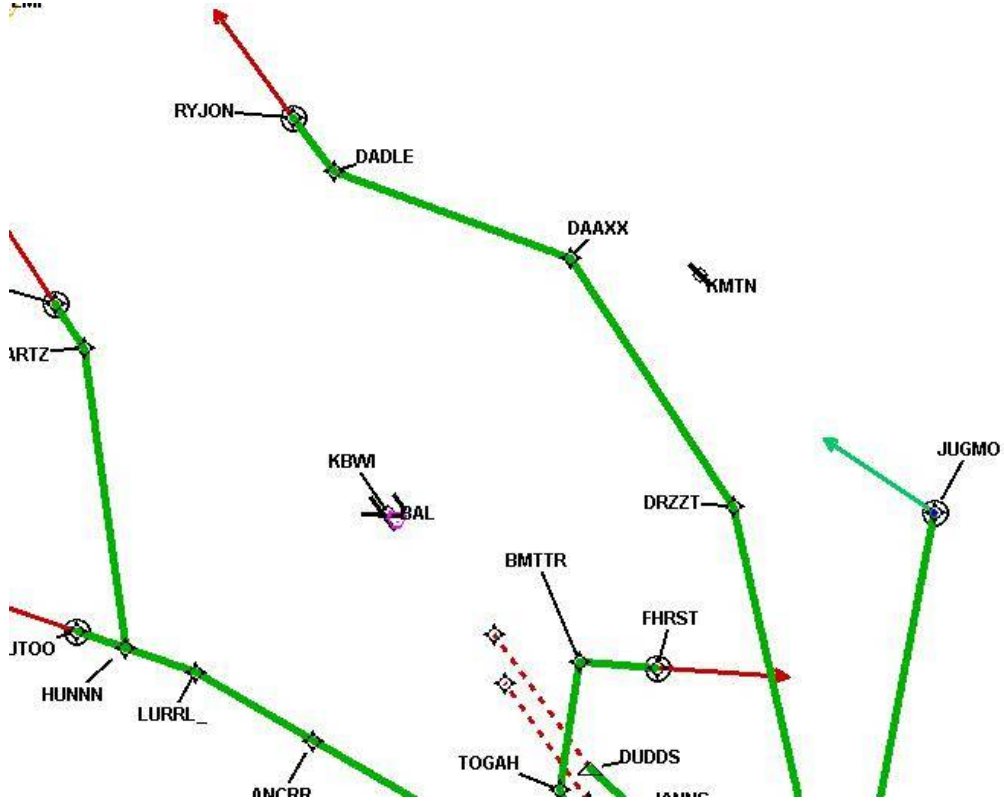
DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path MIIDY_JUGMO

Graphic Depiction 7



DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

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\KBWI\LOWER RUNS FOR CHRIS\KBWI MIIDY3 (RNAV) STAR dme dme_20231211 MITRE 3DEP 3 arcsec.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\KBWI\LOWER RUNS FOR CHRIS\KBWI [IFPA] MIIDY3 20240208_0841 EST\MIIDY_RYJON\KBWI MIIDY3 RNAV STAR MIIDY_RYJON 20240208_0841 EST.pdf
Procedure Name:	MIIDY3
Software: DmeDmePlugin:	7.2.1
Date/Time:	02/08/2024 08:41 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
MIIDY	WP	N38° 52' 09.4000", W076° 17' 48.4600"	5000	VNAV	250	FLY_BY	TF
DRZZT	WP	N39° 10' 44.4000", W076° 23' 10.5200"	4000	VNAV	250	FLY_BY	TF
DAAXX	WP	N39° 20' 09.9400", W076° 31' 09.0300"	4000	VNAV	250	FLY_BY	TF
DADLE	WP	N39° 23' 27.8798", W076° 42' 43.5018"	4000	VNAV	210	FLY_BY	TF
RYJON	WP	N39° 25' 31.5666", W076° 44' 43.8109"	4000	VNAV	210	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KBWI [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 MIIDY3 path MIIDY_RYJON

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:	FKN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L	IFPA	NO	Enabled	6 %	6 %
2	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L	IFPA	NO	Enabled	77.5 %	78.4 %
3	PXT	N38° 17' 16.2825", W076° 24' 00.8315"	10.0 W	40	L	IFPA	NO	Enabled	8.1 %	8.2 %
4	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L	IFPA	NO	Enabled	66.3 %	66 %
5	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L	IFPA	NO	Enabled	92.1 %	92.4 %
6	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H	IFPA	NO	Enabled	67.6 %	67.2 %
7	FKN	N36° 42' 51.2443", W077° 00' 44.5488"	9.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection					
Distance [NM]	Selected DMEs				Alternate
0.0	PXT	DCA	ADW	OTT	
2.6	PXT	DCA	ADW		
3.5					
5.9	BAL	ADW	DCA		
13.8	ADW	EMI	DCA	BAL	
23.0	ADW	EMI	BAL		
34.9	ADW	EMI	DCA	BAL	
39.2	DCA	EMI	ADW		
41.7	DCA	EMI			
42.4					

DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

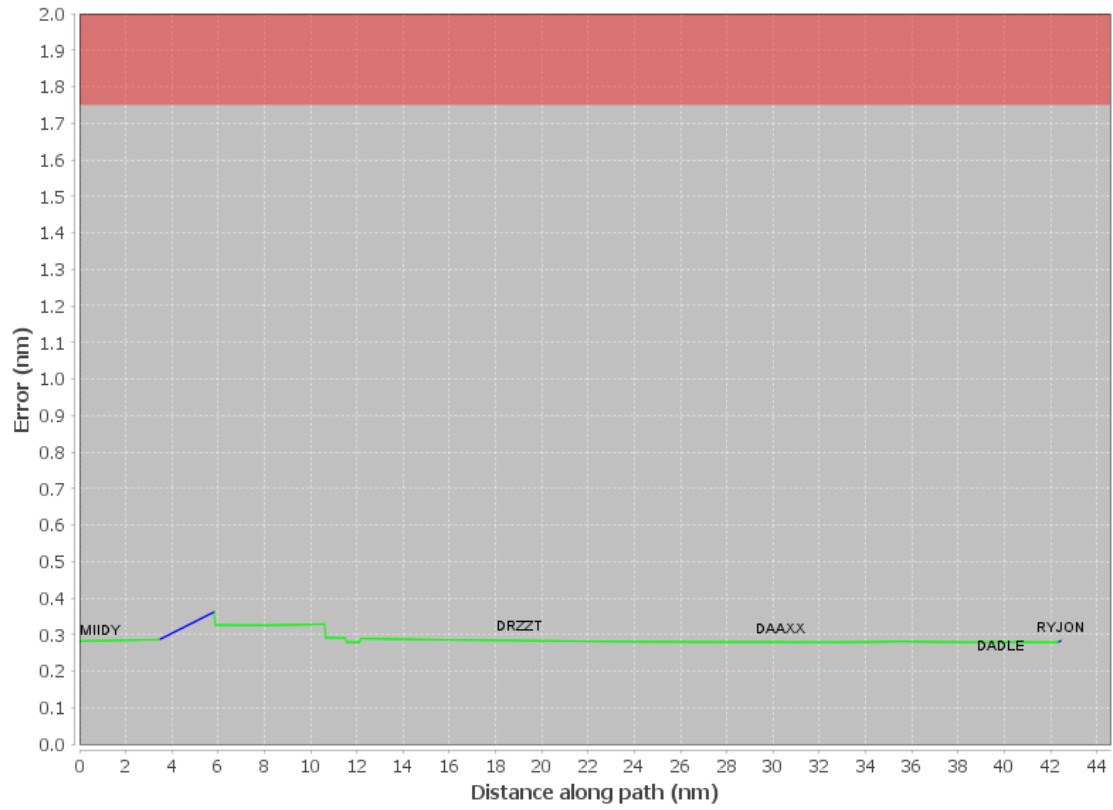
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N38° 55' 36.2049", W076° 18' 47.9756"	N38° 57' 54.0690", W076° 19' 27.7061"	2.353
2	N39° 25' 28.8184", W076° 44' 41.1361"	N39° 25' 31.5666", W076° 44' 43.8109"	0.0573

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MIIDY	DRZZT	EMI, DCA, ADW, PXT, BAL, OTT	
DRZZT	DAAXX	EMI, DCA, ADW, BAL	
DAAXX	DADLE	EMI, DCA, ADW, BAL	
DADLE	RYJON	EMI, DCA, ADW	

User Data Files								
#	File Name							
	None							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	None							

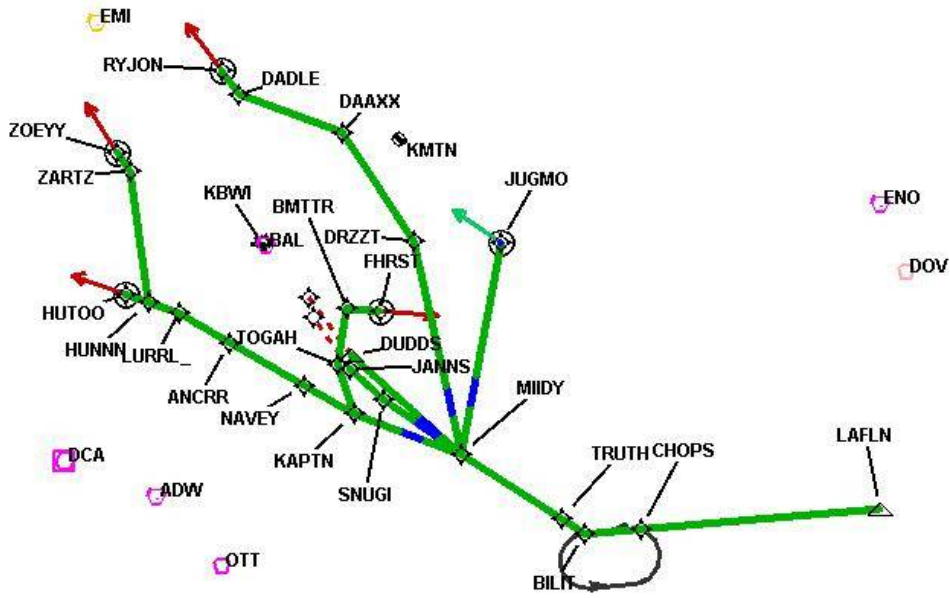
DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

DME Error



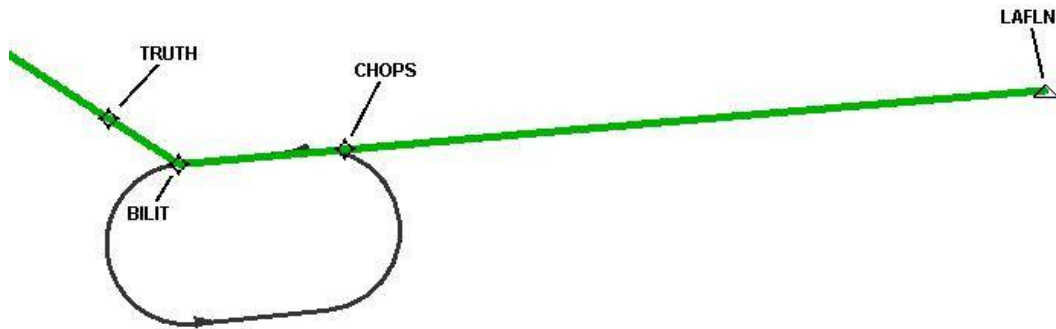
DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 1



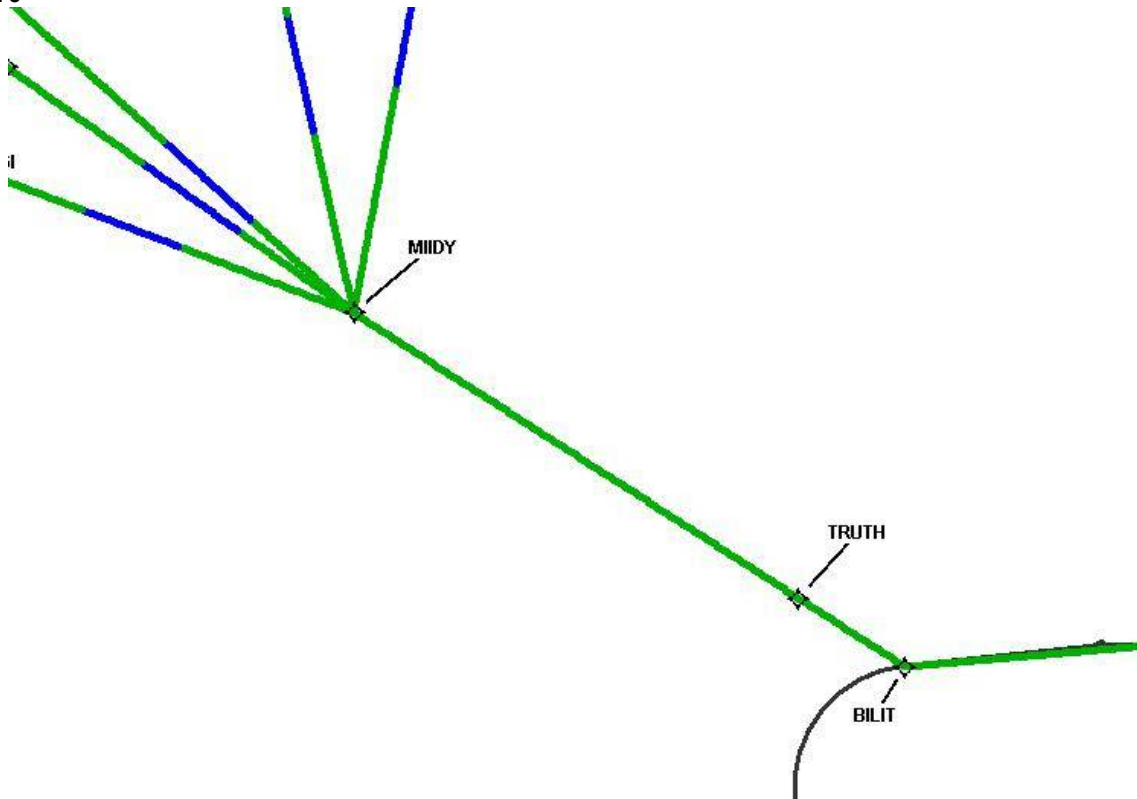
DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 2



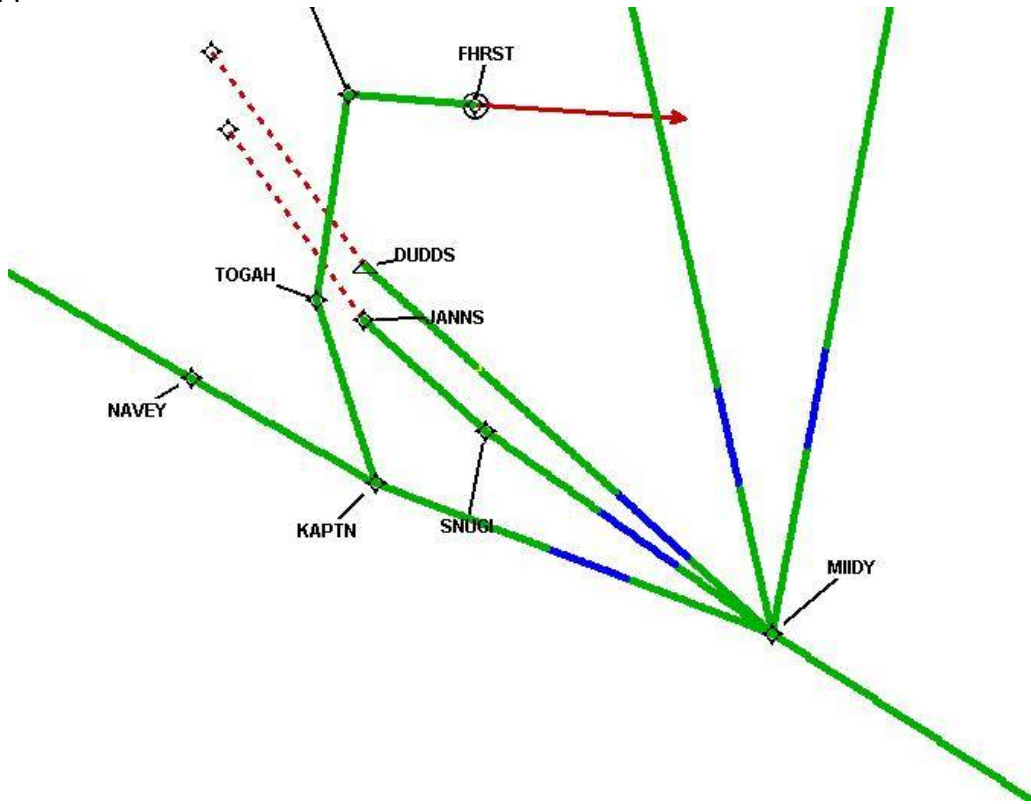
DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 3



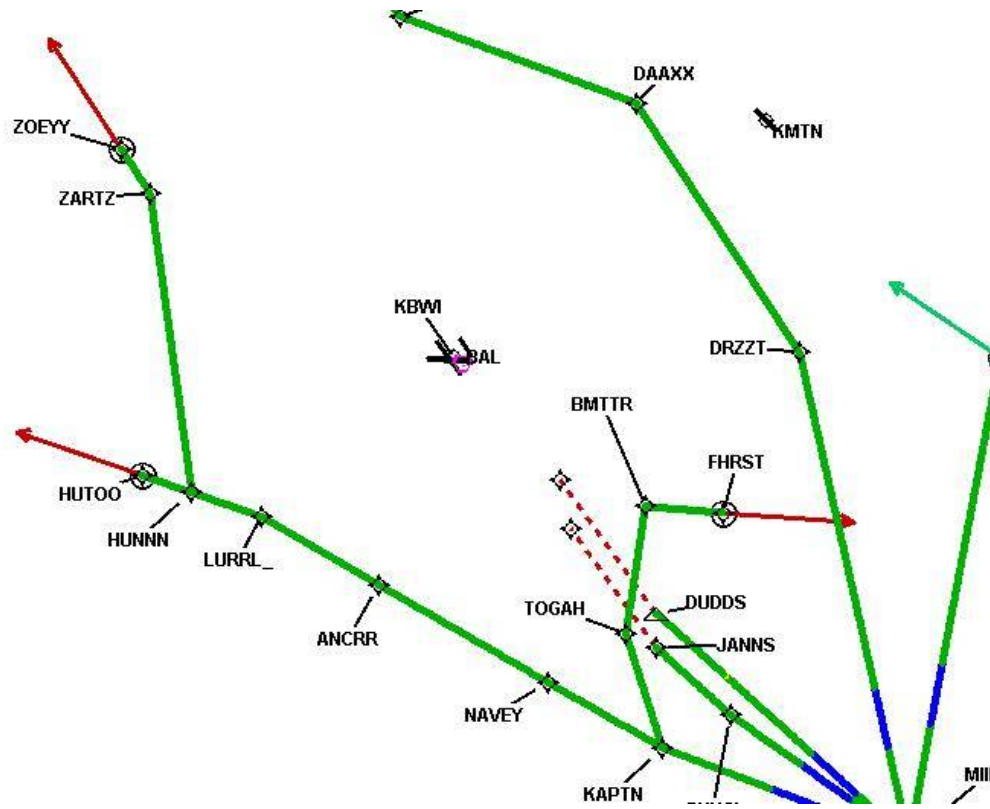
DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 4



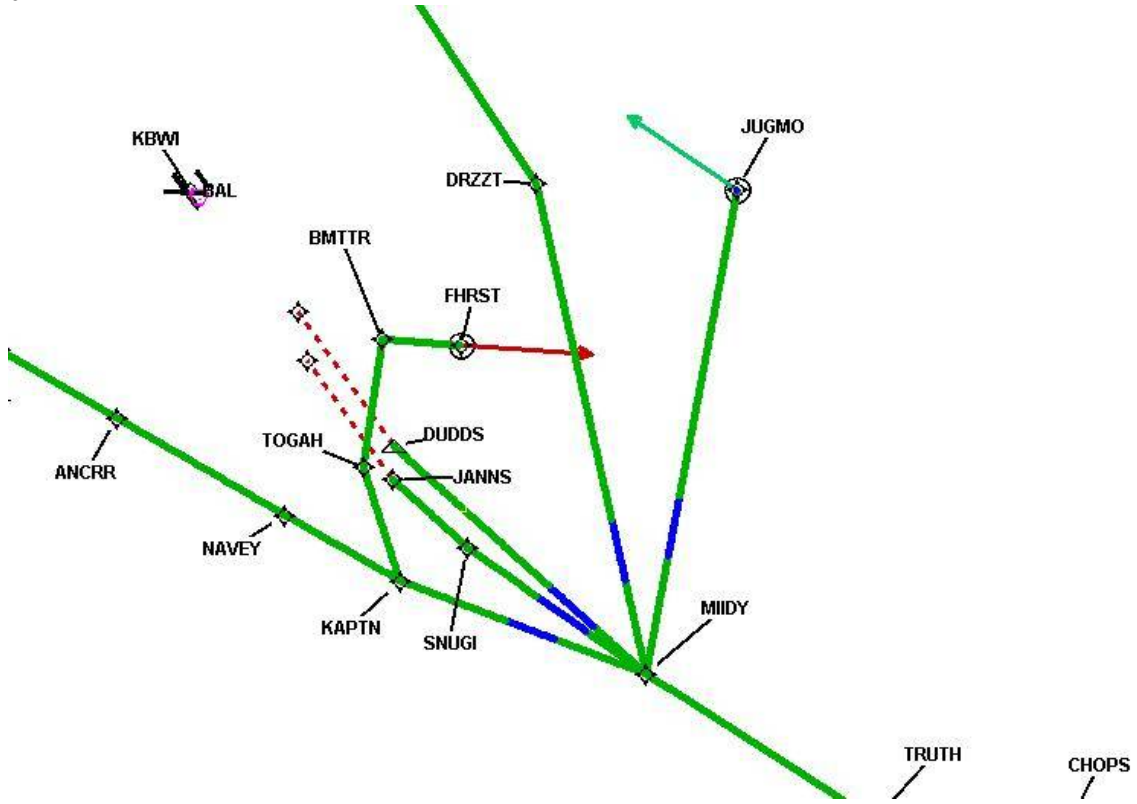
DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 5



DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 6



DME DME Assessment Results for MIIDY3 path MIIDY_RYJON

Graphic Depiction 7

