

DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI ANTHM5 (RNAV) STAR DME DME_20240620.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI [IFPA] ANTHM5 20240620_1354 EDT\FINNZ_RAAYY\KBWI ANTHM5 RNAV STAR FINNZ RAAYY 20240620_1354 EDT.pdf
Procedure Name:	ANTHM5
Software: DmeDmePlugin:	7.3.2
Date/Time:	06/20/2024 13:54 EDT
Databases:	DTED3

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
FINNZ	WP	N39° 16' 43.30", W076° 26' 55.87"	3000	VNAV	210	FLY_BY	TF
RAAYY	WP	N39° 12' 25.88", W076° 23' 37.09"	3000	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 ANTHM5 path FINNZ_RAAYY

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	OTT	N38° 42' 21.14", W076° 44' 41.09"	10.0 W	40	L	IFPA	NO	Enabled		
2	BAL	N39° 10' 15.83", W076° 39' 40.52"	11.0 W	40	L	IFPA	NO	Enabled		
3	EMI	N39° 29' 42.03", W076° 58' 42.86"	8.0 W	130	H	IFPA	NO	Enabled		
4	ADW	N38° 48' 25.99", W076° 51' 58.52"	10.0 W	40	L	IFPA	NO	Enabled		

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

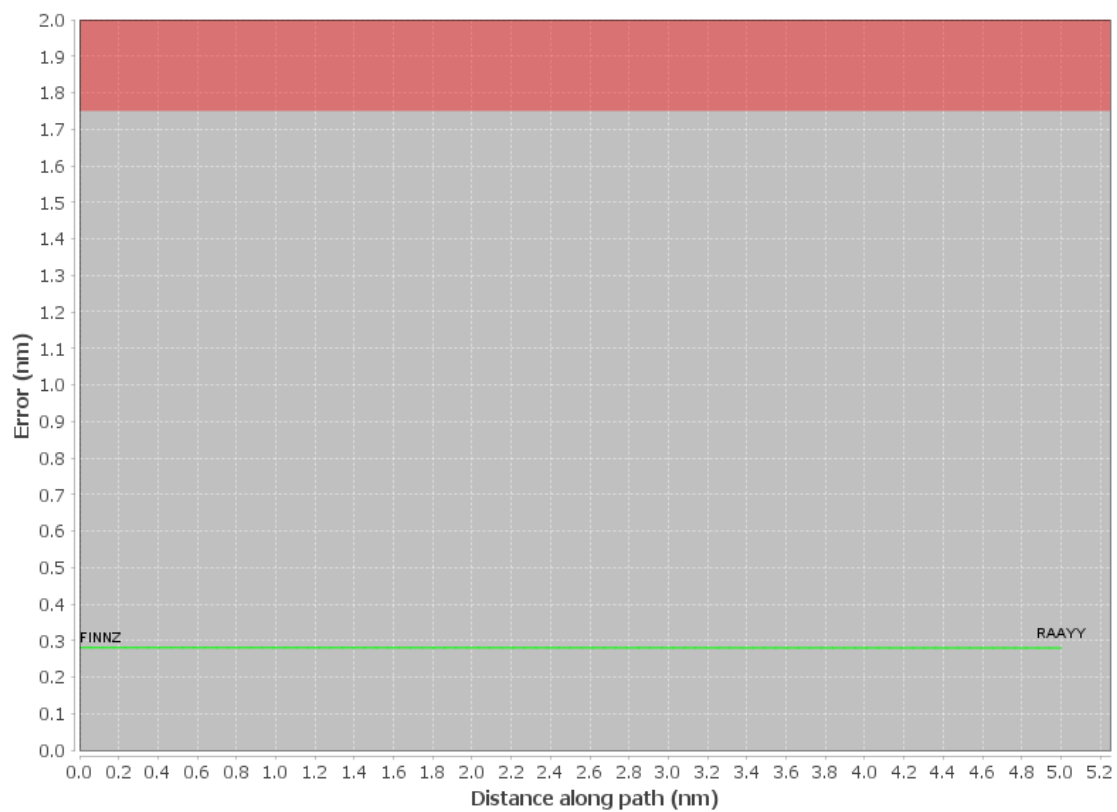
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
FINNZ	RAAYY	OTT [IFPA], BAL [IFPA], EMI [IFPA], ADW [IFPA]	

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

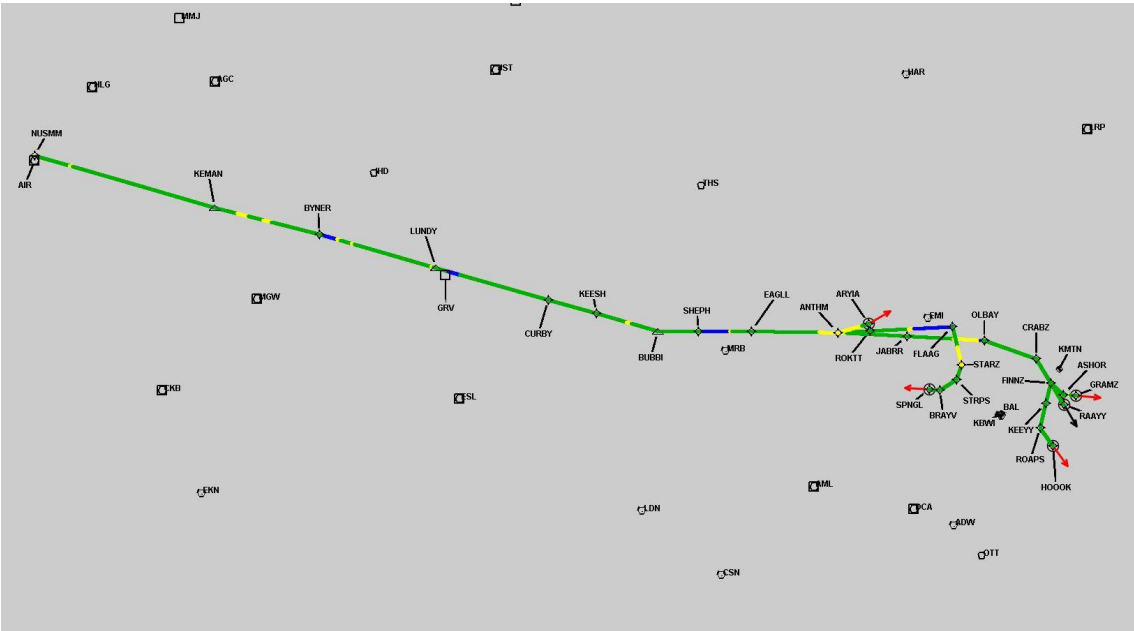
DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

DME Error



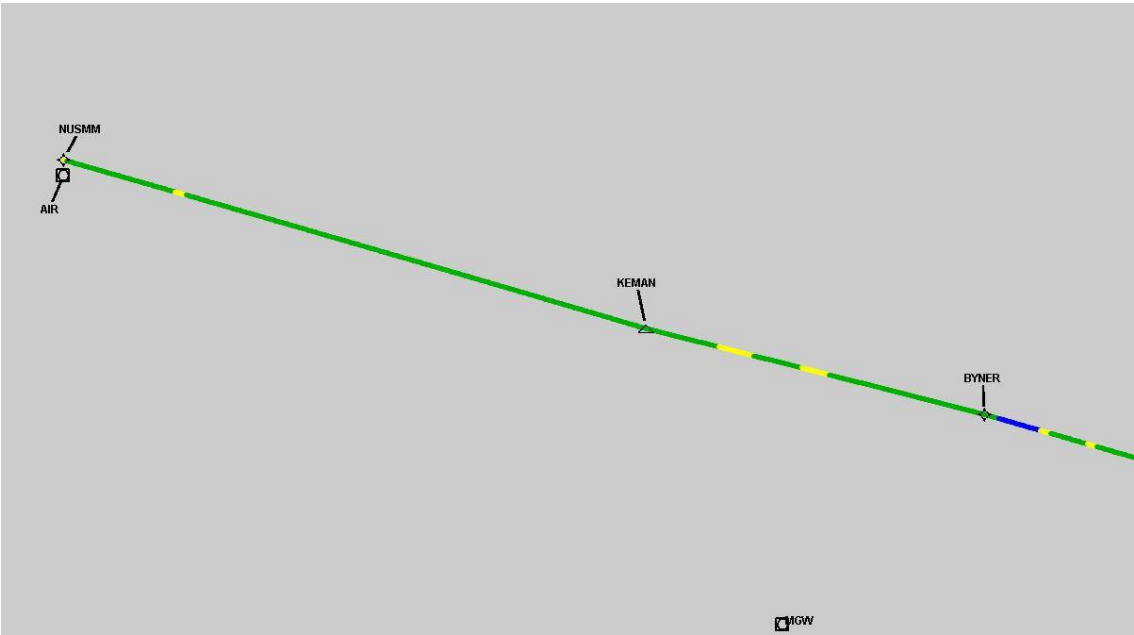
DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

Graphic Depiction 1



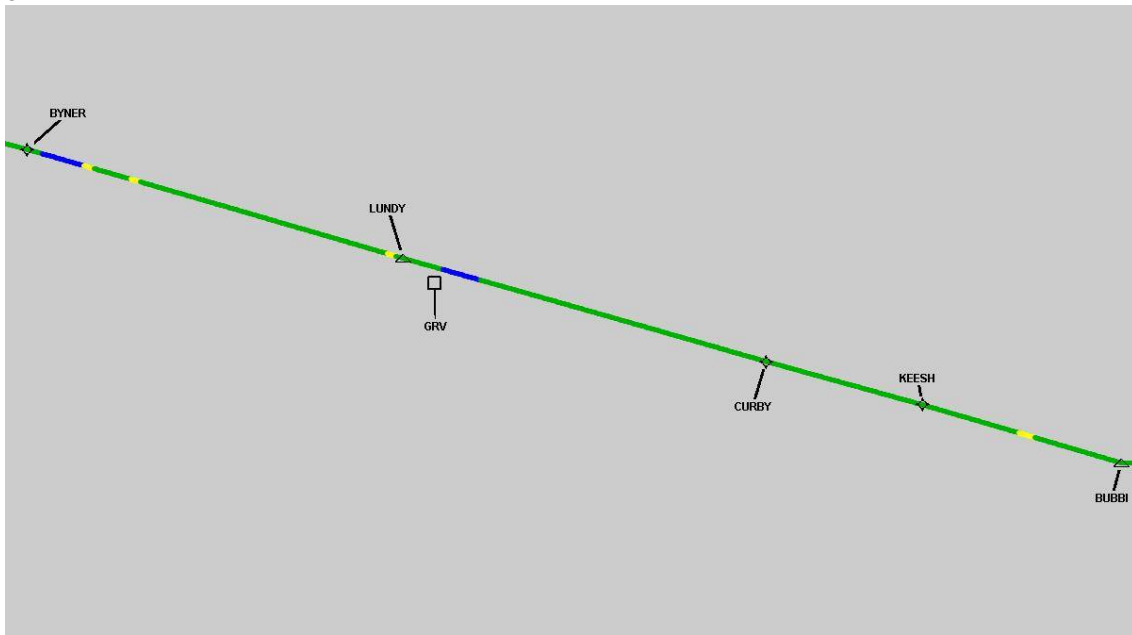
DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

Graphic Depiction 2



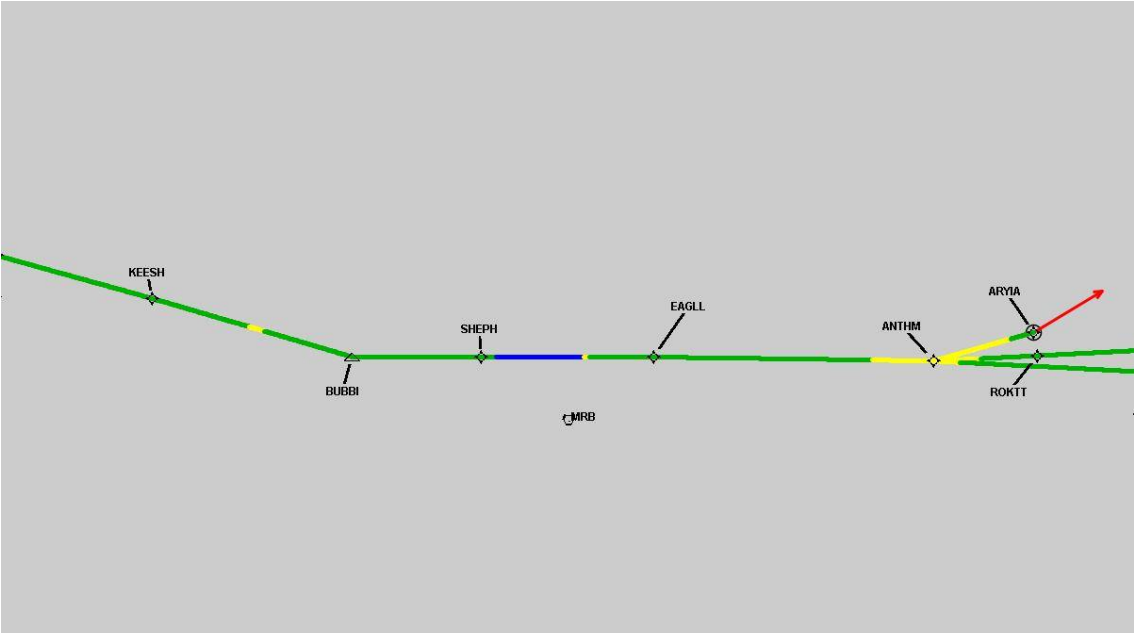
DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

Graphic Depiction 3



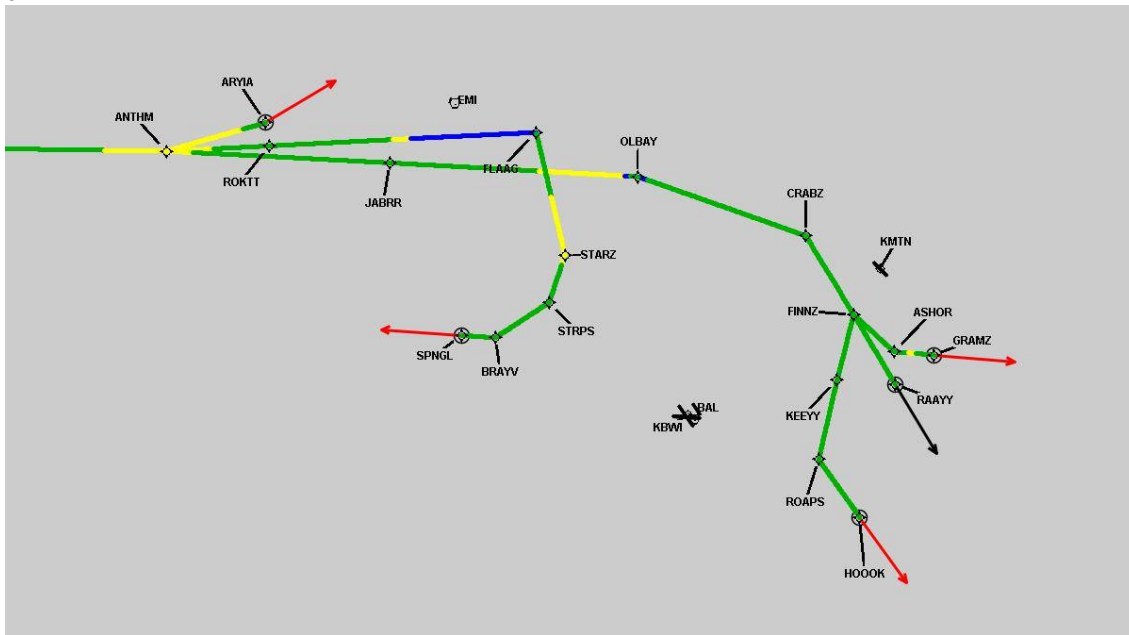
DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

Graphic Depiction 4



DME DME Assessment Results for ANTHM5 path FINNZ_RAAYY

Graphic Depiction 5



DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI ANTHM5 (RNAV) STAR DME DME_20240620.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI [IFPA] ANTHM5 20240620_1354 EDT\NUSMM_HOOOK\KBWI ANTHM5 RNAV STAR NUSMM HOOOK 20240620_1354 EDT.pdf
Procedure Name:	ANTHM5
Software: DmeDmePlugin:	7.3.2
Date/Time:	06/20/2024 13:54 EDT
Databases:	DTED3

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
NUSMM	WP	N40° 02' 01.29", W080° 49' 02.02"	5500	VNAV	280	FLY_BY	TF
KEMAN	WP	N39° 51' 37.81", W080° 02' 30.15"	5500	VNAV	280	FLY_BY	TF
BYNER	WP	N39° 46' 21.42", W079° 35' 32.46"	5500	VNAV	280	FLY_BY	TF
LUNDY	WP	N39° 39' 39.40", W079° 05' 34.57"	5500	VNAV	280	FLY_BY	TF
CURBY	WP	N39° 33' 17.96", W078° 36' 35.74"	5500	VNAV	280	FLY_BY	TF
KEESH	WP	N39° 30' 38.33", W078° 24' 08.14"	5000	VNAV	280	FLY_BY	TF
BUBBI	WP	N39° 27' 03.29", W078° 08' 14.71"	5000	VNAV	280	FLY_BY	TF
SHEPH	WP	N39° 27' 03.31", W077° 57' 55.05"	5000	VNAV	280	FLY_BY	TF
EAGLL	WP	N39° 27' 02.08", W077° 44' 07.71"	5000	VNAV	280	FLY_BY	TF
ANTHM	WP	N39° 26' 47.56", W077° 21' 47.67"	5000	VNAV	280	FLY_BY	TF
JABRR	WP	N39° 26' 04.46", W077° 03' 57.57"	5000	VNAV	250	FLY_BY	TF
OLBAY	WP	N39° 25' 13.32", W076° 44' 07.76"	4000	VNAV	250	FLY_BY	TF
CRABZ	WP	N39° 21' 34.81", W076° 30' 45.57"	4000	VNAV	250	FLY_BY	TF
FINNZ	WP	N39° 16' 43.30", W076° 26' 55.87"	3000	VNAV	210	FLY_BY	TF
KEEYY	WP	N39° 12' 43.16", W076° 28' 15.62"	3000	VNAV	210	FLY_BY	TF
ROAPS	WP	N39° 07' 48.10", W076° 29' 43.72"	3000	VNAV	210	FLY_BY	TF
HOOOK	WP	N39° 04' 15.21", W076° 26' 26.84"	3000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

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:	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 Assessment Results for ANTHM5 path NUSMM_HOOOK

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ZZV	N39° 56' 27.09", W081° 53' 33.37"	6.0 W	130	DH	IFPA	NO	Enabled		
2	THS	N39° 55' 59.62", W077° 57' 03.40"	7.0 W	40	L	IFPA	NO	Enabled		
3	CTW	N40° 13' 45.15", W081° 28' 35.32"	0.0 E	40	L	IFPA	NO	Enabled		
4	GRV	N39° 38' 06.11", W079° 03' 01.90"	-0.0 E	40	L	IFPA	NO	Enabled		
5	ADW	N38° 48' 25.99", W076° 51' 58.52"	10.0 W	40	L	IFPA	NO	Enabled		
6	MRB	N39° 23' 08.06", W077° 50' 54.08"	7.0 W	40	L	IFPA	NO	Enabled		
7	AGC	N40° 16' 43.12", W080° 02' 27.08"	9.0 W	40	L	IFPA	NO	Enabled		
8	CKB	N39° 15' 11.58", W080° 16' 04.30"	4.0 W	40	L	IFPA	NO	Enabled		
9	LDN	N38° 51' 15.83", W078° 12' 20.06"	6.0 W	40	L	IFPA	NO	Enabled		
10	OTT	N38° 42' 21.14", W076° 44' 41.09"	10.0 W	40	L	IFPA	NO	Enabled		
11	HLG	N40° 15' 35.65", W080° 34' 07.05"	7.0 W	40	L	IFPA	NO	Enabled		
12	MMJ	N40° 29' 16.80", W080° 11' 37.80"	0.0 E	40	L	IFPA	NO	Enabled		
13	AIR	N40° 00' 59.78", W080° 49' 01.94"	7.0 W	130	H	IFPA	NO	Enabled		
14	MGW	N39° 33' 24.17", W079° 51' 37.48"	5.0 W	40	L	IFPA	NO	Enabled		
15	IHD	N39° 58' 27.27", W079° 21' 30.12"	6.0 W	40	L	IFPA	NO	Enabled		
16	BAL	N39° 10' 15.83", W076° 39' 40.52"	11.0 W	40	L	IFPA	NO	Enabled		
17	ESL	N39° 13' 31.77", W078° 59' 22.20"	6.0 W	40	L	IFPA	NO	Enabled		
18	AML	N38° 56' 04.53", W077° 28' 00.13"	8.0 W	40	L	IFPA	NO	Enabled		
19	EMI	N39° 29' 42.03", W076° 58' 42.86"	8.0 W	130	H	IFPA	NO	Enabled		
20	DCA	N38° 51' 34.03", W077° 02' 11.17"	9.0 W	40	L	IFPA	NO	Enabled		

DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CTW [IFPA]	HLG [IFPA]	MMJ [IFPA]	AGC [IFPA]	ZZV [IFPA]	
0.2	CTW [IFPA]	HLG [IFPA]	ZZV [IFPA]			
1.6	CTW [IFPA]	HLG [IFPA]	ZZV [IFPA]	AGC [IFPA]		
4.7	CTW [IFPA]	HLG [IFPA]	AIR [IFPA]	ZZV [IFPA]	AGC [IFPA]	
7.6	HLG [IFPA]	AIR [IFPA]	ZZV [IFPA]	MMJ [IFPA]	AGC [IFPA]	
23.9	MMJ [IFPA]	AIR [IFPA]	MGW [IFPA]	AGC [IFPA]	HLG [IFPA]	
32.0	AGC [IFPA]	AIR [IFPA]	IHD [IFPA]	MGW [IFPA]	HLG [IFPA]	
40.1	IHD [IFPA]	MGW [IFPA]	AGC [IFPA]	HLG [IFPA]		
41.8	IHD [IFPA]	MGW [IFPA]	AGC [IFPA]	CKB [IFPA]	HLG [IFPA]	
44.1	IHD [IFPA]	AGC [IFPA]	MGW [IFPA]			
47.1	IHD [IFPA]	AGC [IFPA]	MGW [IFPA]	CKB [IFPA]		
48.8	IHD [IFPA]	AGC [IFPA]	MGW [IFPA]			
59.5						
62.3	MGW [IFPA]	AGC [IFPA]	IHD [IFPA]	GRV [IFPA]		
62.5	MGW [IFPA]	ESL [IFPA]	AGC [IFPA]	IHD [IFPA]	GRV [IFPA]	
63.0	IHD [IFPA]	GRV [IFPA]	MGW [IFPA]			
65.3	IHD [IFPA]	GRV [IFPA]	MGW [IFPA]	ESL [IFPA]		
73.7	IHD [IFPA]	MGW [IFPA]	ESL [IFPA]			
81.8	MGW [IFPA]	ESL [IFPA]	IHD [IFPA]	GRV [IFPA]		
82.3	MGW [IFPA]	ESL [IFPA]	IHD [IFPA]			
85.2						
87.7	IHD [IFPA]	ESL [IFPA]				
88.4	ESL [IFPA]	GRV [IFPA]	IHD [IFPA]			
101.3	ESL [IFPA]	GRV [IFPA]				
103.0	MRB [IFPA]	ESL [IFPA]	GRV [IFPA]			
103.6	MRB [IFPA]	ESL [IFPA]				
108.3	MRB [IFPA]	ESL [IFPA]	THS [IFPA]			
119.1	THS [IFPA]	MRB [IFPA]				
122.3	THS [IFPA]	MRB [IFPA]	LDN [IFPA]	ESL [IFPA]		
123.3	THS [IFPA]	MRB [IFPA]				
128.2	THS [IFPA]	MRB [IFPA]	LDN [IFPA]			
129.8	THS [IFPA]	MRB [IFPA]				
137.7						
143.2	THS [IFPA]	EMI [IFPA]	MRB [IFPA]	AML [IFPA]	LDN [IFPA]	
143.6	THS [IFPA]	EMI [IFPA]	AML [IFPA]			

DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
145.4	THS [IFPA]	EMI [IFPA]	AML [IFPA]	MRB [IFPA]		
160.2	AML [IFPA]	EMI [IFPA]	MRB [IFPA]			
161.0	AML [IFPA]	EMI [IFPA]	MRB [IFPA]	BAL [IFPA]	THS [IFPA]	
165.1	DCA [IFPA]	EMI [IFPA]	MRB [IFPA]	AML [IFPA]	BAL [IFPA]	
166.5	AML [IFPA]	BAL [IFPA]	MRB [IFPA]	EMI [IFPA]		
170.7	DCA [IFPA]	EMI [IFPA]	MRB [IFPA]	AML [IFPA]	BAL [IFPA]	
178.8	BAL [IFPA]	EMI [IFPA]	AML [IFPA]	DCA [IFPA]		
179.6	AML [IFPA]	BAL [IFPA]	DCA [IFPA]			
181.2	BAL [IFPA]	DCA [IFPA]				
185.9	DCA [IFPA]	EMI [IFPA]	BAL [IFPA]			
187.9	DCA [IFPA]	EMI [IFPA]	ADW [IFPA]	BAL [IFPA]		
193.2						
193.5	BAL [IFPA]	EMI [IFPA]				
194.1						
194.6	BAL [IFPA]	EMI [IFPA]				
206.1	ADW [IFPA]	EMI [IFPA]	BAL [IFPA]			
210.8	OTT [IFPA]	EMI [IFPA]	ADW [IFPA]	DCA [IFPA]	BAL [IFPA]	

Inertial Drift Segments				
#	Start Location	End Location	Length [NM]	
1	N39° 46' 07.29", W079° 34' 28.56"	N39° 45' 22.25", W079° 31' 05.31"	2.7178	
2	N39° 38' 59.06", W079° 02' 28.84"	N39° 38' 19.90", W078° 59' 28.98"	2.4057	
3	N39° 27' 03.27", W077° 56' 49.10"	N39° 27' 02.78", W077° 49' 43.44"	5.4953	
4	N39° 25' 16.17", W076° 45' 12.06"	N39° 25' 15.22", W076° 44' 50.63"	0.2773	
5	N39° 25' 13.32", W076° 44' 07.76"	N39° 25' 02.36", W076° 43' 27.37"	0.5527	

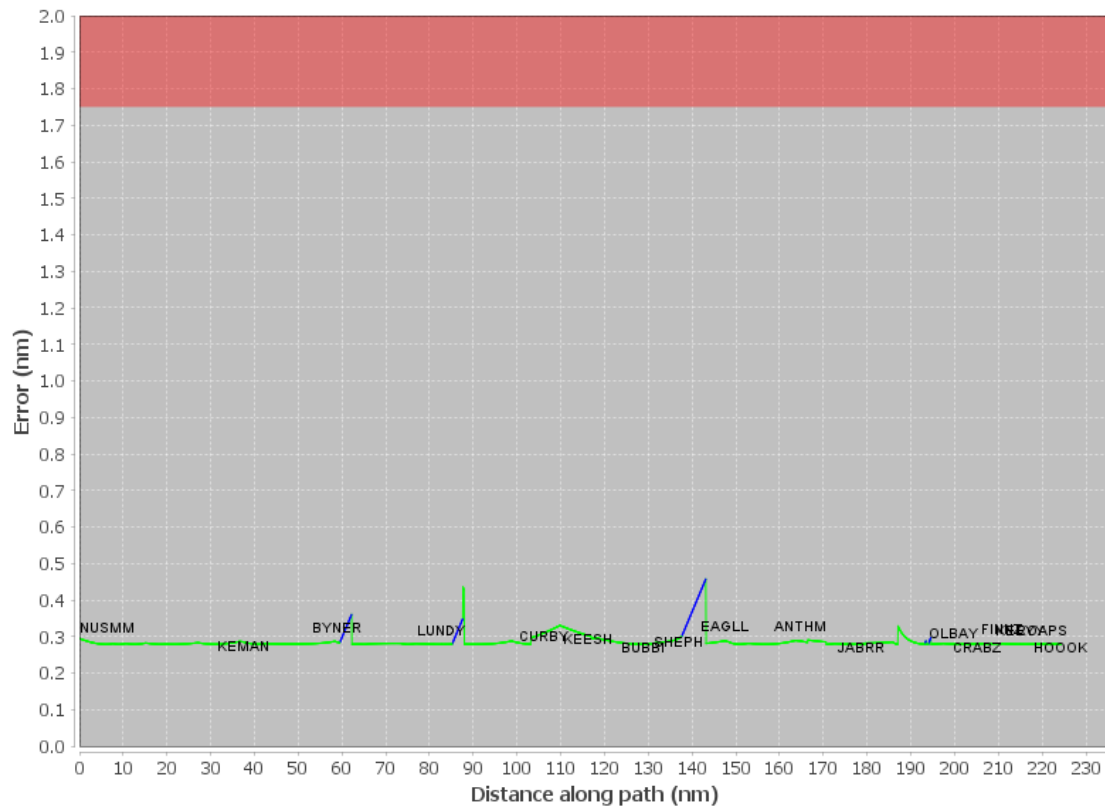
DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
NUSMM	KEMAN	AGC [IFPA], ZZV [IFPA], HLG [IFPA], MMJ [IFPA], AIR [IFPA], CTW [IFPA], MGW [IFPA], IHD [IFPA]	
KEMAN	BYNER	AGC [IFPA], CKB [IFPA], HLG [IFPA], AIR [IFPA], IHD [IFPA], MGW [IFPA]	
BYNER	LUNDY	AGC [IFPA], IHD [IFPA], MGW [IFPA], GRV [IFPA], ESL [IFPA]	
LUNDY	CURBY	MRB [IFPA], IHD [IFPA], MGW [IFPA], ESL [IFPA], GRV [IFPA]	
CURBY	KEESH	MRB [IFPA], THS [IFPA], ESL [IFPA]	
KEESH	BUBBI	MRB [IFPA], LDN [IFPA], THS [IFPA], ESL [IFPA]	
BUBBI	SHEPH	MRB [IFPA], LDN [IFPA], THS [IFPA]	
SHEPH	EAGLL	MRB [IFPA], LDN [IFPA], THS [IFPA], AML [IFPA], EMI [IFPA]	
EAGLL	ANTHM	MRB [IFPA], THS [IFPA], BAL [IFPA], AML [IFPA], EMI [IFPA], DCA [IFPA]	
ANTHM	JABRR	MRB [IFPA], THS [IFPA], BAL [IFPA], AML [IFPA], DCA [IFPA], EMI [IFPA]	
JABRR	OLBAY	MRB [IFPA], BAL [IFPA], AML [IFPA], DCA [IFPA], EMI [IFPA], ADW [IFPA]	
OLBAY	CRABZ	BAL [IFPA], EMI [IFPA]	
CRABZ	FINNZ	BAL [IFPA], EMI [IFPA], ADW [IFPA]	
FINNZ	KEEYY	OTT [IFPA], BAL [IFPA], EMI [IFPA], ADW [IFPA], DCA [IFPA]	
KEEYY	ROAPS	OTT [IFPA], BAL [IFPA], EMI [IFPA], ADW [IFPA], DCA [IFPA]	
ROAPS	HOOOK	OTT [IFPA], BAL [IFPA], EMI [IFPA], ADW [IFPA], DCA [IFPA]	

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

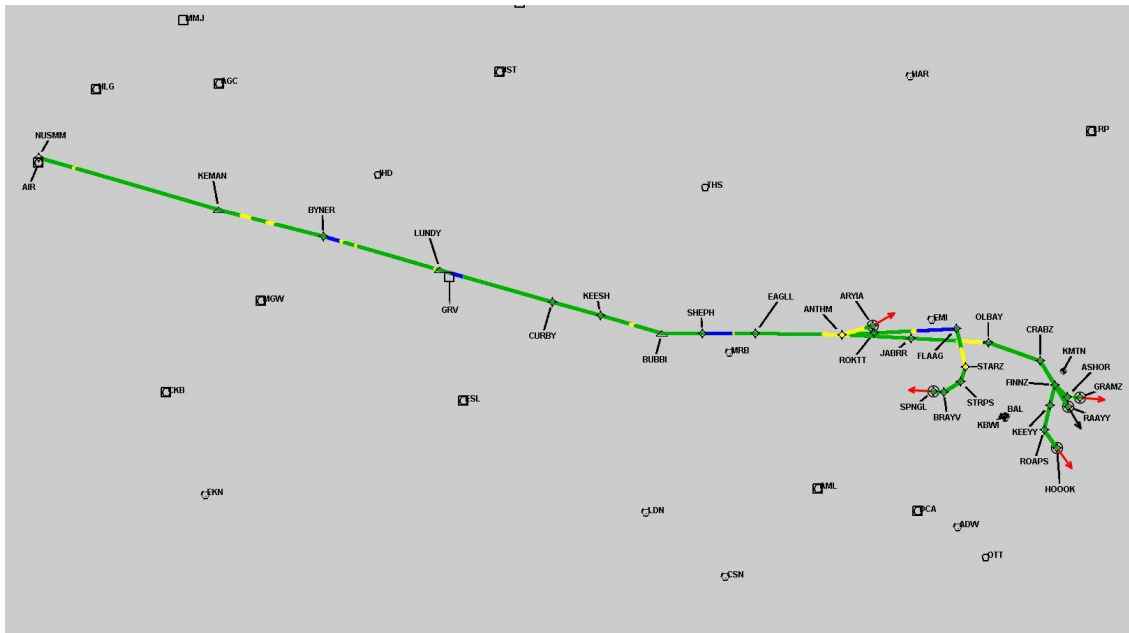
DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

DME Error



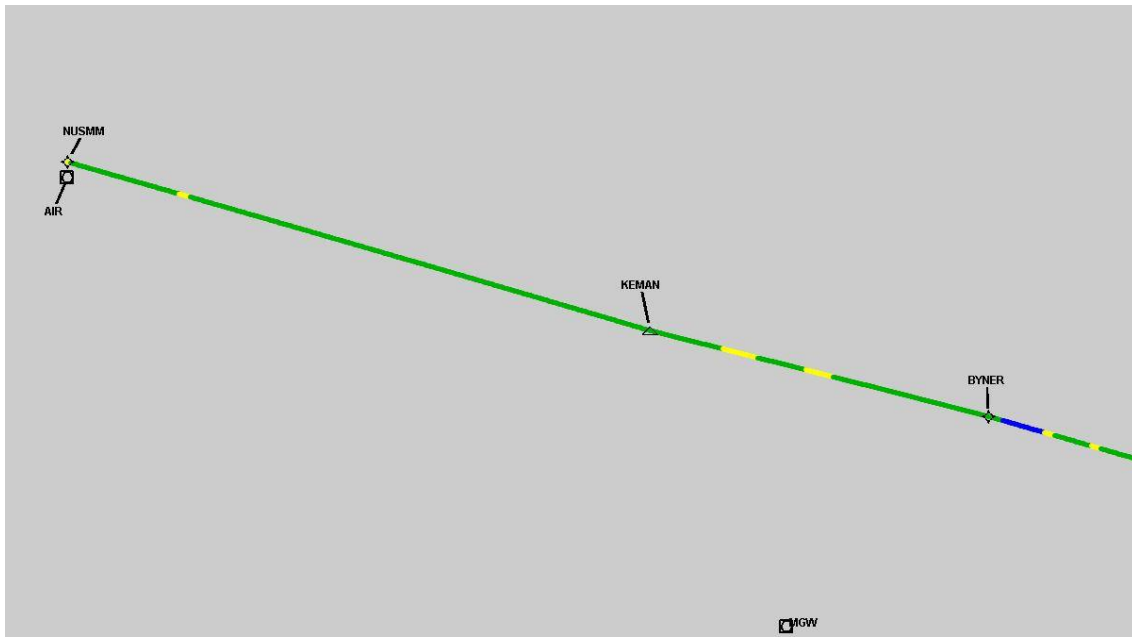
DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Graphic Depiction 1



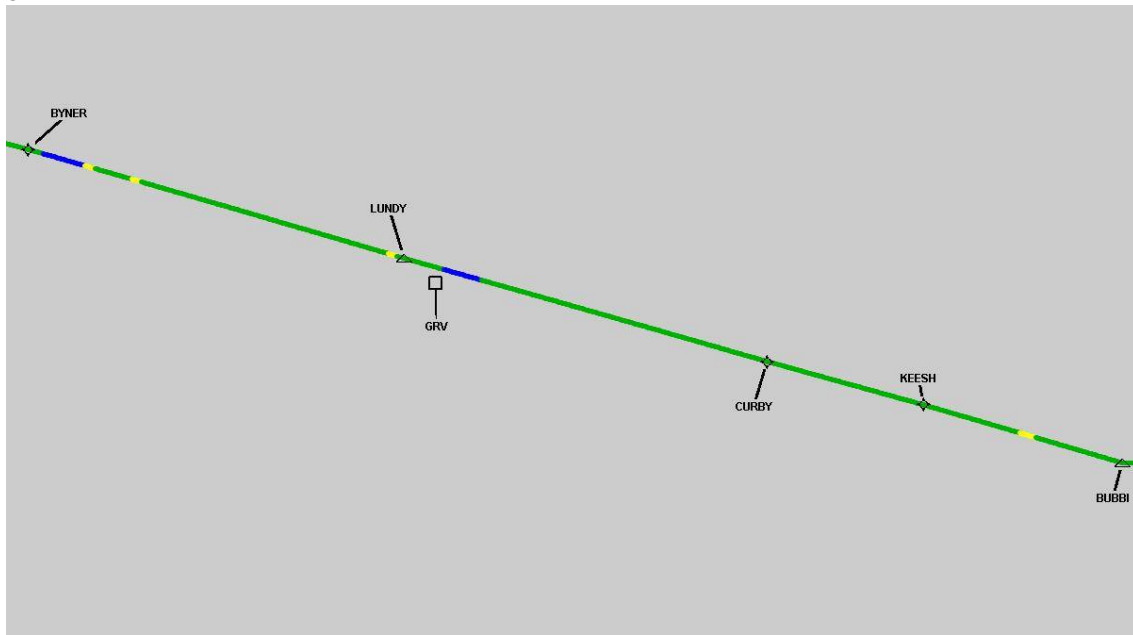
DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Graphic Depiction 2



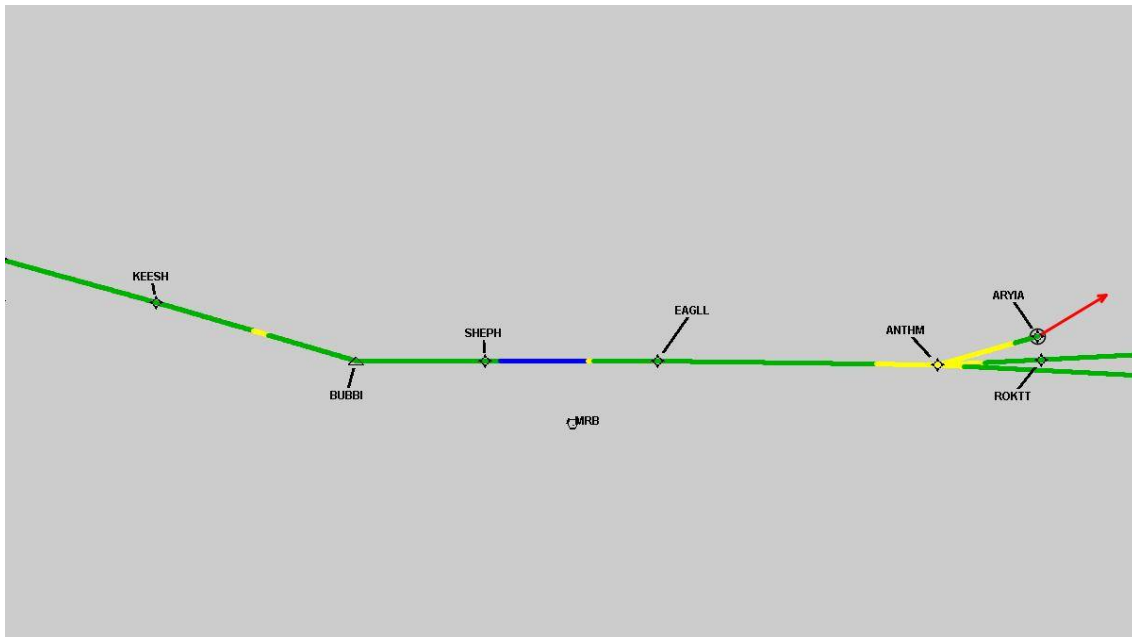
DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Graphic Depiction 3



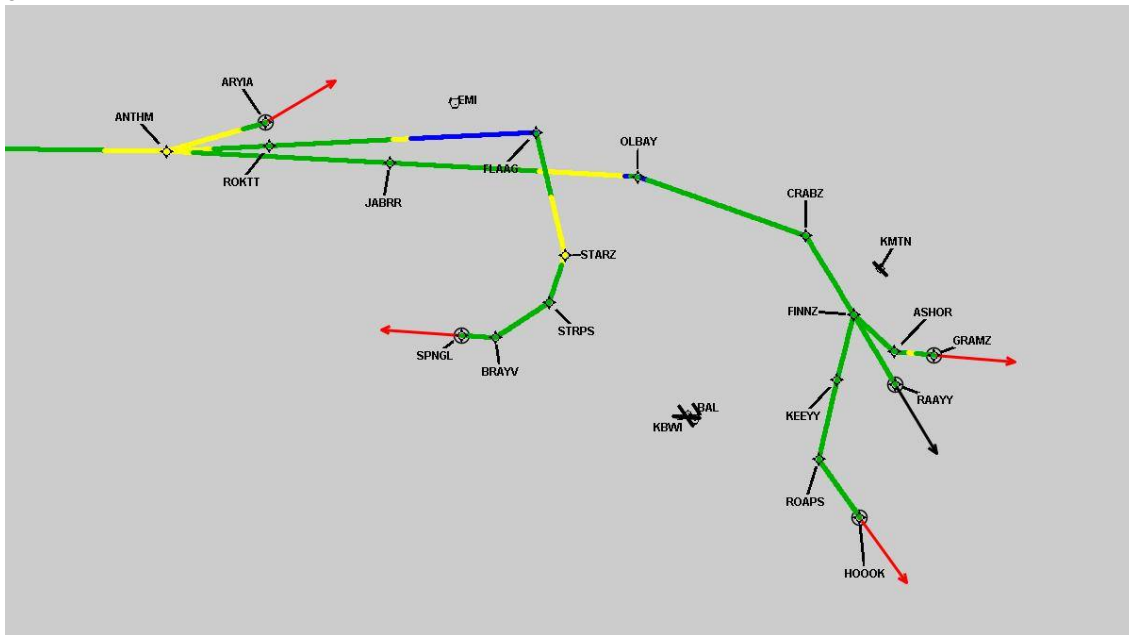
DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Graphic Depiction 4



DME DME Assessment Results for ANTHM5 path NUSMM_HOOOK

Graphic Depiction 5



DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI ANTHM5 (RNAV) STAR DME DME_20240620.tgs
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Procedure Name:	ANTHM5
Software: DmeDmePlugin:	7.3.2
Date/Time:	06/20/2024 13:54 EDT
Databases:	DTED3

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
ANTHM	WP	N39° 26' 47.56", W077° 21' 47.67"	5000	VNAV	280	FLY_BY	TF
ARYIA	WP	N39° 28' 33.22", W077° 13' 50.97"	5000	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 ANTHM5 path ANTHM_ARYIA

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	MRB	N39° 23' 08.06", W077° 50' 54.08"	7.0 W	40	L	IFPA	NO	Enabled		
2	THS	N39° 55' 59.62", W077° 57' 03.40"	7.0 W	40	L	IFPA	NO	Enabled		
3	BAL	N39° 10' 15.83", W076° 39' 40.52"	11.0 W	40	L	IFPA	NO	Enabled		
4	AML	N38° 56' 04.53", W077° 28' 00.13"	8.0 W	40	L	IFPA	NO	Enabled		
5	DCA	N38° 51' 34.03", W077° 02' 11.17"	9.0 W	40	L	IFPA	NO	Enabled		
6	EMI	N39° 29' 42.03", W076° 58' 42.86"	8.0 W	130	H	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	DCA [IFPA]	EMI [IFPA]	MRB [IFPA]	AML [IFPA]	BAL [IFPA]	THS [IFPA]
0.3	MRB [IFPA]	DCA [IFPA]	EMI [IFPA]	AML [IFPA]	BAL [IFPA]	
4.9	AML [IFPA]	BAL [IFPA]	EMI [IFPA]	MRB [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ANTHM	ARYIA	MRB [IFPA], THS [IFPA], BAL [IFPA], AML [IFPA], DCA [IFPA], EMI [IFPA]	

DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

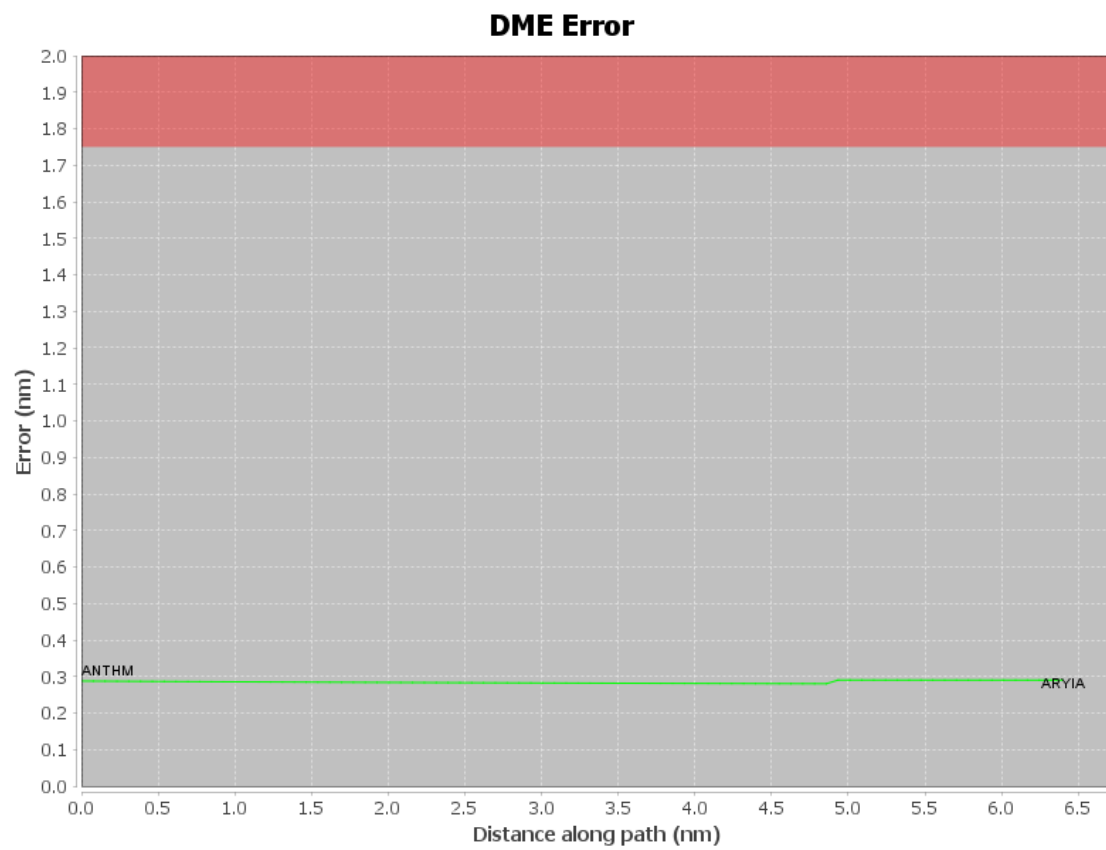
User Data Files

#	File Name
None	

User DMEs

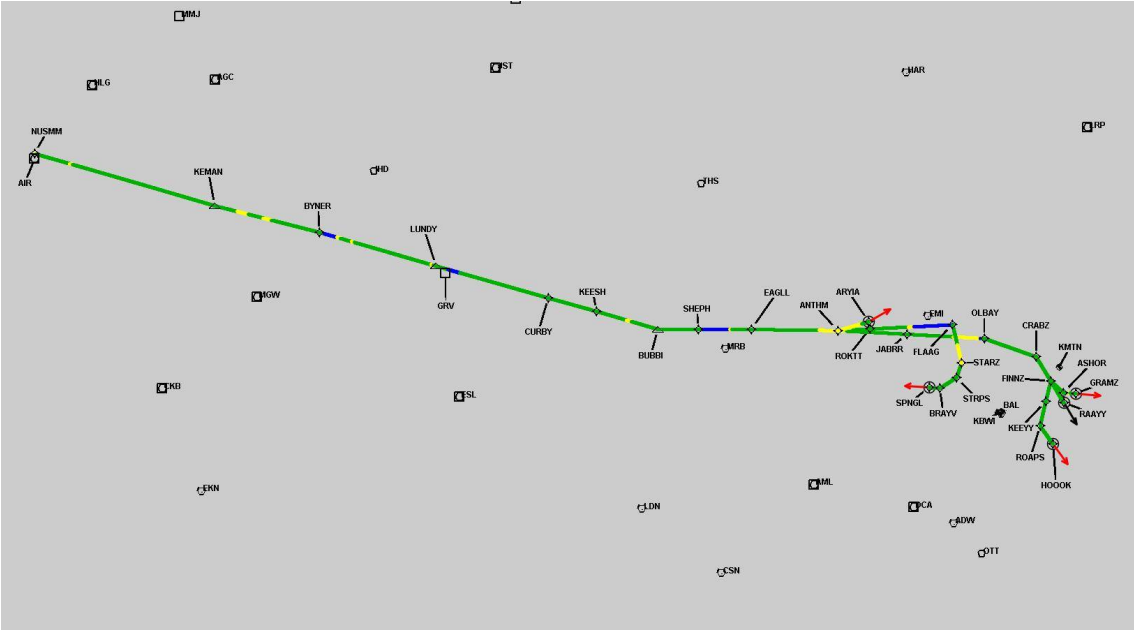
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA



DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

Graphic Depiction 1



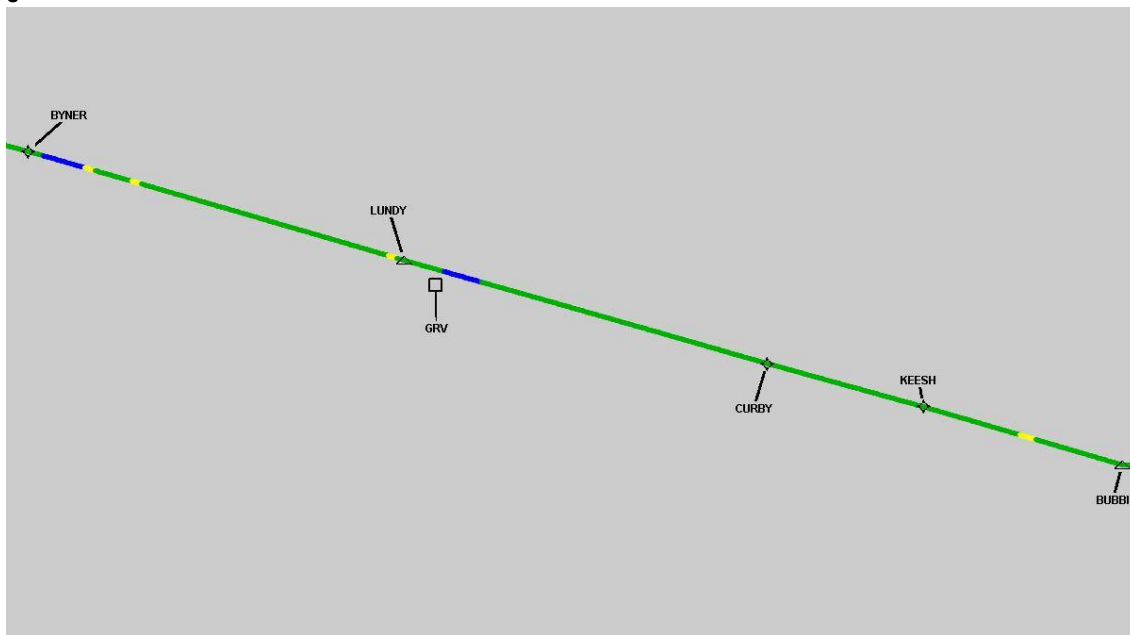
DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

Graphic Depiction 2



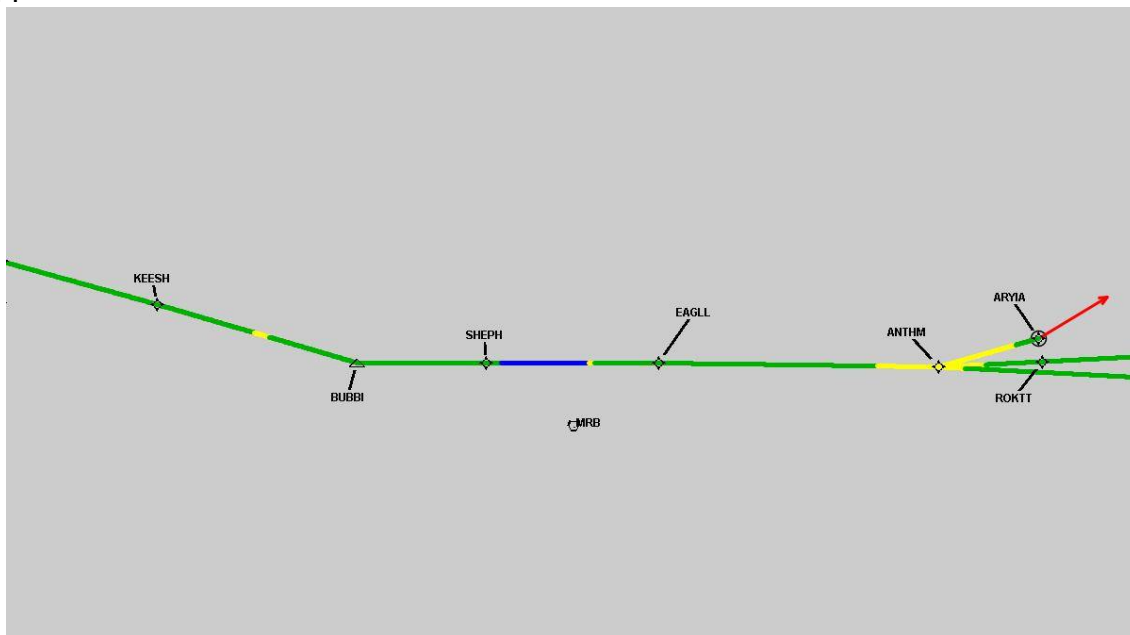
DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

Graphic Depiction 3



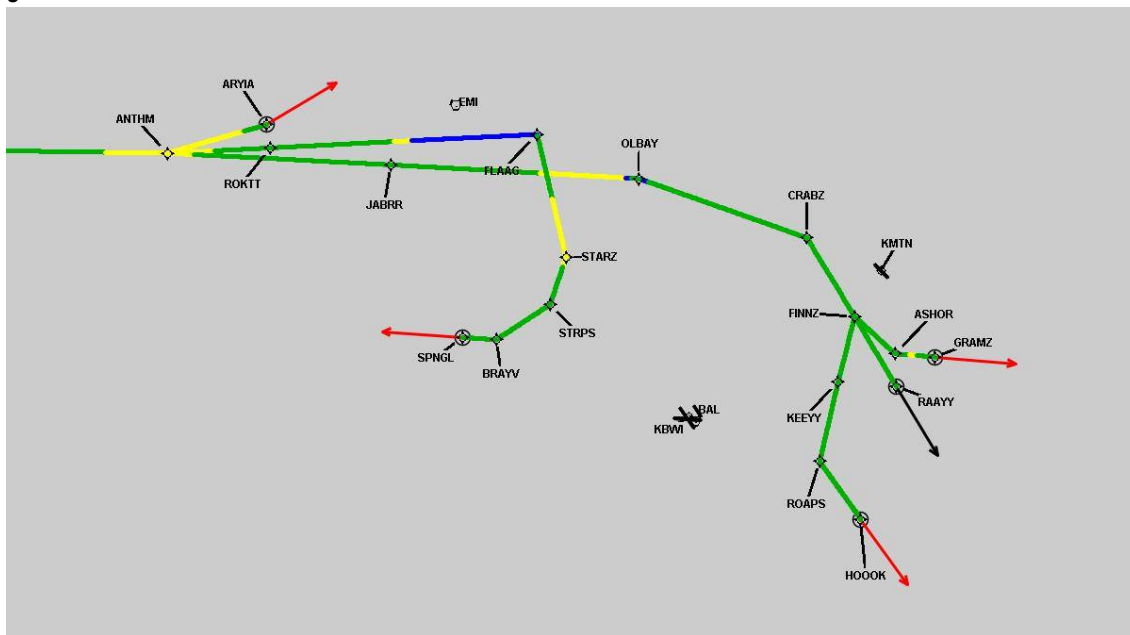
DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

Graphic Depiction 4



DME DME Assessment Results for ANTHM5 path ANTHM_ARYIA

Graphic Depiction 5



DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI ANTHM5 (RNAV) STAR DME DME_20240620.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI [IFPA] ANTHM5 20240620_1354 EDT\ANTHM_SPNGL\KBWI ANTHM5 RNAV STAR ANTHM SPNGL 20240620_1354 EDT.pdf
Procedure Name:	ANTHM5
Software: DmeDmePlugin:	7.3.2
Date/Time:	06/20/2024 13:54 EDT
Databases:	DTED3

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
ANTHM	WP	N39° 26' 47.56", W077° 21' 47.67"	5000	VNAV	280	FLY_BY	TF
ROKTT	WP	N39° 27' 07.15", W077° 13' 32.84"	5000	VNAV	250	FLY_BY	TF
FLAAG	WP	N39° 27' 57.13", W076° 52' 16.24"	5000	VNAV	250	FLY_BY	TF
STARZ	WP	N39° 20' 23.71", W076° 49' 58.65"	4000	VNAV	210	FLY_BY	TF
STRPS	WP	N39° 17' 28.38", W076° 51' 14.67"	4000	VNAV	210	FLY_BY	TF
BRAYV	WP	N39° 15' 18.45", W076° 55' 32.35"	3000	VNAV	210	FLY_BY	TF
SPNGL	WP	N39° 15' 27.03", W076° 58' 13.52"	3000	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 ANTHM5 path ANTHM_SPNGL

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	MRB	N39° 23' 08.06", W077° 50' 54.08"	7.0 W	40	L	IFPA	NO	Enabled		
2	OTT	N38° 42' 21.14", W076° 44' 41.09"	10.0 W	40	L	IFPA	NO	Enabled		
3	THS	N39° 55' 59.62", W077° 57' 03.40"	7.0 W	40	L	IFPA	NO	Enabled		
4	BAL	N39° 10' 15.83", W076° 39' 40.52"	11.0 W	40	L	IFPA	NO	Enabled		
5	AML	N38° 56' 04.53", W077° 28' 00.13"	8.0 W	40	L	IFPA	NO	Enabled		
6	DCA	N38° 51' 34.03", W077° 02' 11.17"	9.0 W	40	L	IFPA	NO	Enabled		
7	EMI	N39° 29' 42.03", W076° 58' 42.86"	8.0 W	130	H	IFPA	NO	Enabled		
8	ADW	N38° 48' 25.99", W076° 51' 58.52"	10.0 W	40	L	IFPA	NO	Enabled		

DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	DCA [IFPA]	EMI [IFPA]	MRB [IFPA]	AML [IFPA]	BAL [IFPA]	THS [IFPA]
0.2	DCA [IFPA]	EMI [IFPA]	MRB [IFPA]	AML [IFPA]	BAL [IFPA]	
2.9	AML [IFPA]	BAL [IFPA]	MRB [IFPA]	EMI [IFPA]		
11.7	MRB [IFPA]	DCA [IFPA]	AML [IFPA]	BAL [IFPA]	EMI [IFPA]	
13.4	AML [IFPA]	BAL [IFPA]	DCA [IFPA]	EMI [IFPA]		
14.0	MRB [IFPA]	DCA [IFPA]	AML [IFPA]	BAL [IFPA]	EMI [IFPA]	
15.1						
23.0	BAL [IFPA]	DCA [IFPA]				
27.0	AML [IFPA]	EMI [IFPA]	BAL [IFPA]	DCA [IFPA]	ADW [IFPA]	
30.7	BAL [IFPA]	DCA [IFPA]	EMI [IFPA]	ADW [IFPA]		
30.9	AML [IFPA]	BAL [IFPA]	EMI [IFPA]	DCA [IFPA]	OTT [IFPA]	ADW [IFPA]

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 27' 34.09", W077° 02' 17.06"	N39° 27' 57.13", W076° 52' 16.24"	7.7413

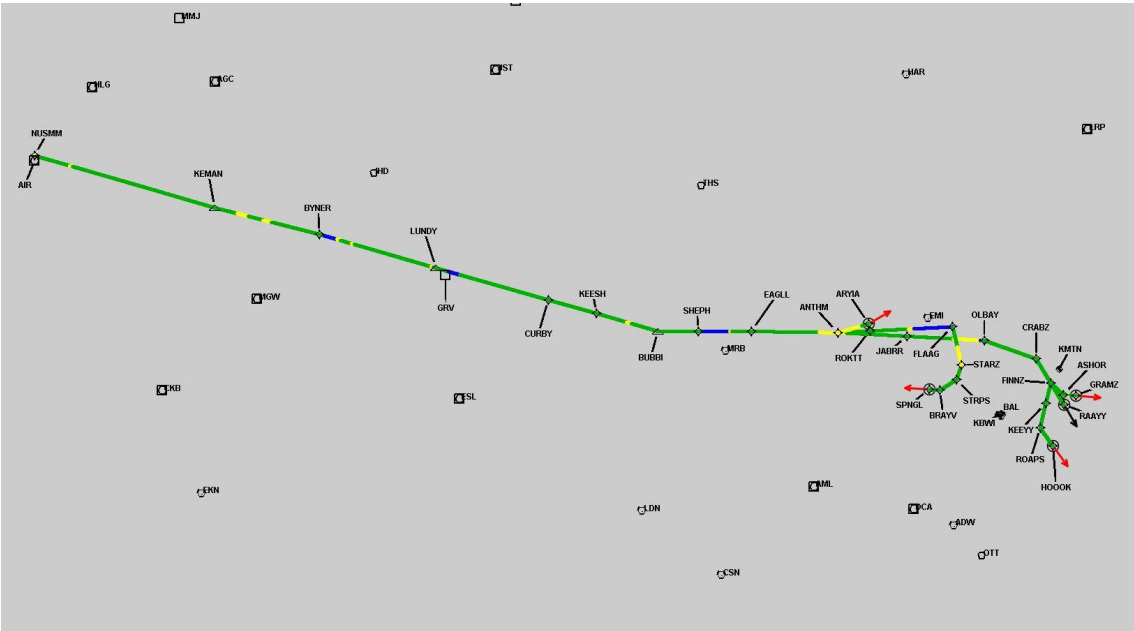
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ANTHM	ROKTT	MRB [IFPA], THS [IFPA], BAL [IFPA], AML [IFPA], DCA [IFPA], EMI [IFPA]	
ROKTT	FLAAG	MRB [IFPA], BAL [IFPA], AML [IFPA], EMI [IFPA], DCA [IFPA], ADW [IFPA]	
FLAAG	STARZ	OTT [IFPA], BAL [IFPA], AML [IFPA], DCA [IFPA], ADW [IFPA], EMI [IFPA]	
STARZ	STRPS	OTT [IFPA], BAL [IFPA], AML [IFPA], ADW [IFPA], DCA [IFPA], EMI [IFPA]	
STRPS	BRAYV	OTT [IFPA], BAL [IFPA], AML [IFPA], ADW [IFPA], DCA [IFPA], EMI [IFPA]	
BRAYV	SPNGL	OTT [IFPA], BAL [IFPA], AML [IFPA], ADW [IFPA], DCA [IFPA], EMI [IFPA]	

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



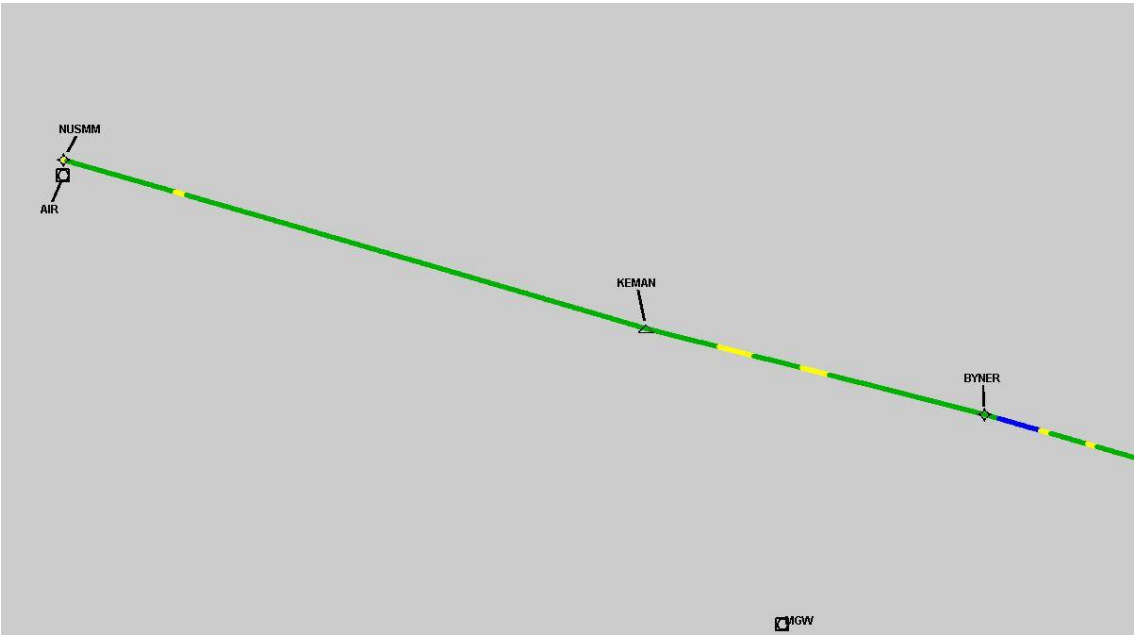
DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Graphic Depiction 1



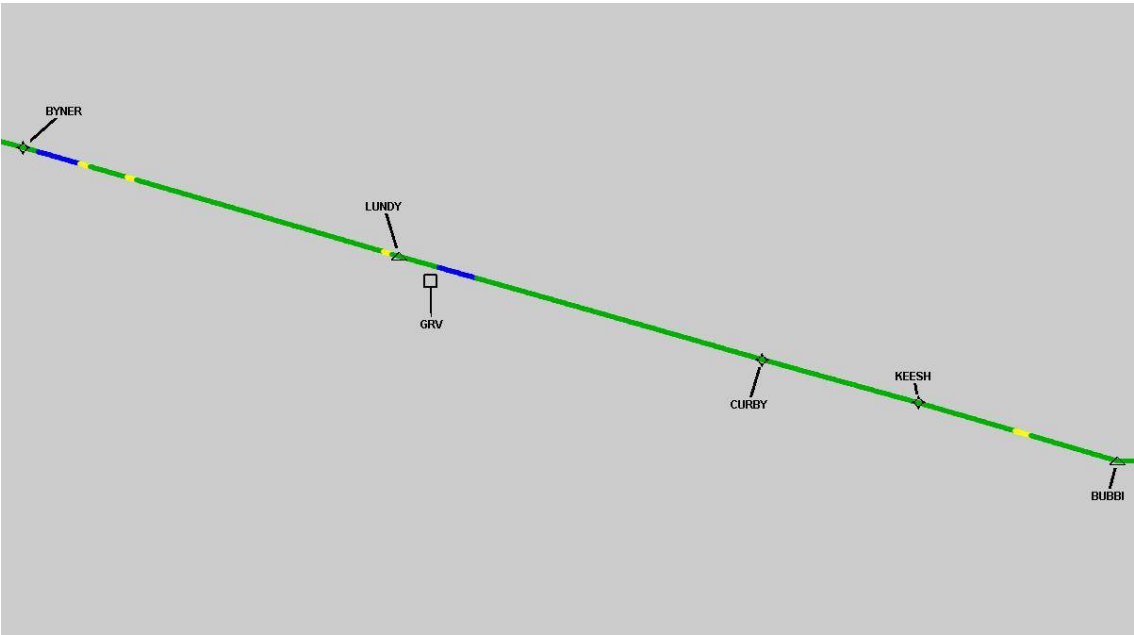
DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Graphic Depiction 2



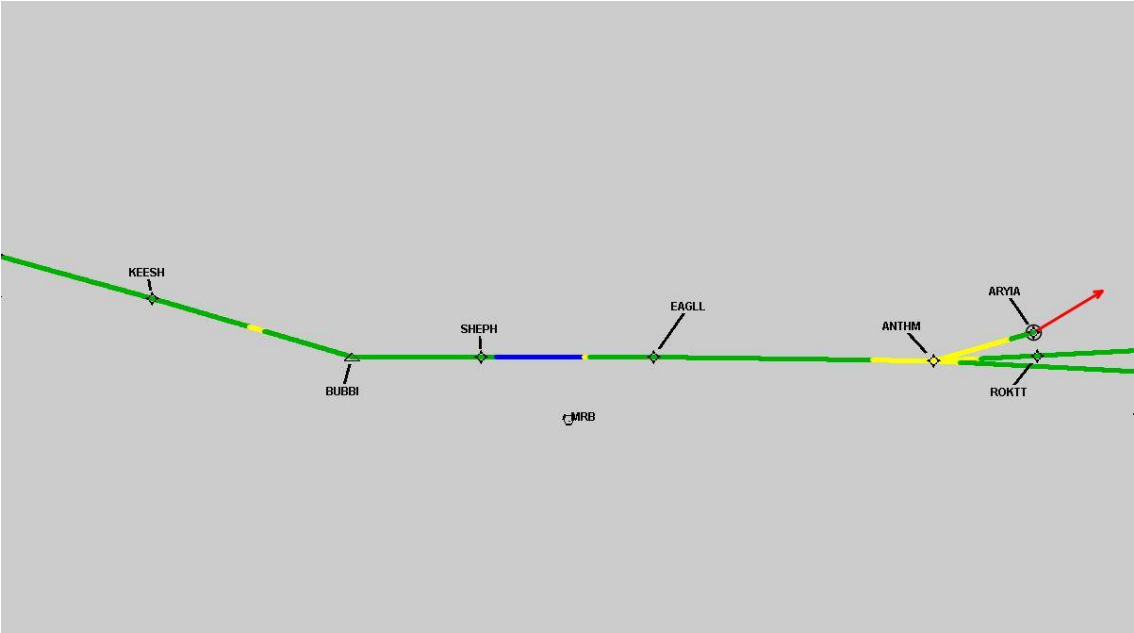
DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Graphic Depiction 3



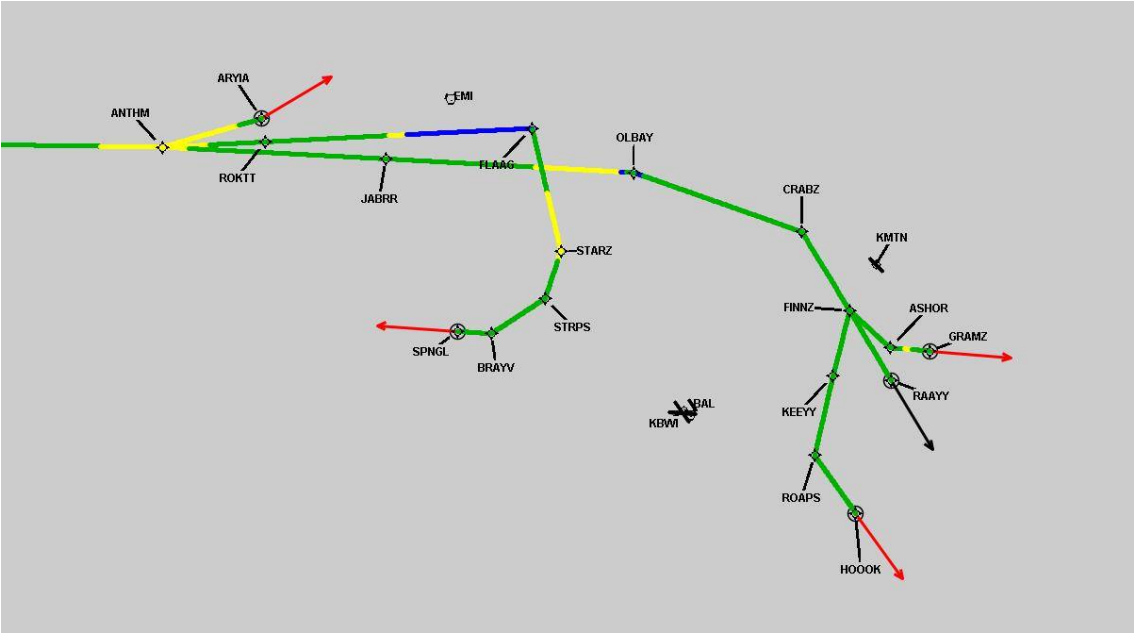
DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Graphic Depiction 4



DME DME Assessment Results for ANTHM5 path ANTHM_SPNGL

Graphic Depiction 5



DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI ANTHM5 (RNAV) STAR DME DME_20240620.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\12.26.2024 PUB DATE PROCEDURES\KBWI ANTHM5 (RNAV) STAR\KBWI [IFPA] ANTHM5 20240620_1354 EDT\FINNZ_GRAMZ\KBWI ANTHM5 RNAV STAR FINNZ GRAMZ 20240620_1354 EDT.pdf
Procedure Name:	ANTHM5
Software: DmeDmePlugin:	7.3.2
Date/Time:	06/20/2024 13:54 EDT
Databases:	DTED3

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
FINNZ	WP	N39° 16' 43.30", W076° 26' 55.87"	3000	VNAV	210	FLY_BY	TF
ASHOR	WP	N39° 14' 27.03", W076° 23' 43.78"	3000	VNAV	210	FLY_BY	TF
GRAMZ	WP	N39° 14' 14.65", W076° 20' 31.37"	3000	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 ANTHM5 path FINNZ_GRAMZ

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	OTT	N38° 42' 21.14", W076° 44' 41.09"	10.0 W	40	L	IFPA	NO	Enabled		
2	ENO	N39° 13' 53.93", W075° 30' 57.49"	9.0 W	40	L	IFPA	NO	Enabled		
3	BAL	N39° 10' 15.83", W076° 39' 40.52"	11.0 W	40	L	IFPA	NO	Enabled		
4	EMI	N39° 29' 42.03", W076° 58' 42.86"	8.0 W	130	H	IFPA	NO	Enabled		
5	ADW	N38° 48' 25.99", W076° 51' 58.52"	10.0 W	40	L	IFPA	NO	Enabled		
6	DCA	N38° 51' 34.03", W077° 02' 11.17"	9.0 W	40	L	IFPA	NO	Enabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ADW [IFPA]	EMI [IFPA]	BAL [IFPA]			
2.8	OTT [IFPA]	EMI [IFPA]	ADW [IFPA]	BAL [IFPA]		
4.2	ADW [IFPA]	EMI [IFPA]	BAL [IFPA]			
4.3	OTT [IFPA]	EMI [IFPA]	ADW [IFPA]	DCA [IFPA]	ENO [IFPA]	BAL [IFPA]
4.8	ADW [IFPA]	EMI [IFPA]	ENO [IFPA]	BAL [IFPA]		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
FINNZ	ASHOR	OTT [IFPA], BAL [IFPA], EMI [IFPA], ADW [IFPA]	
ASHOR	GRAMZ	OTT [IFPA], ENO [IFPA], BAL [IFPA], EMI [IFPA], ADW [IFPA], DCA [IFPA]	

DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

User Data Files

#	File Name
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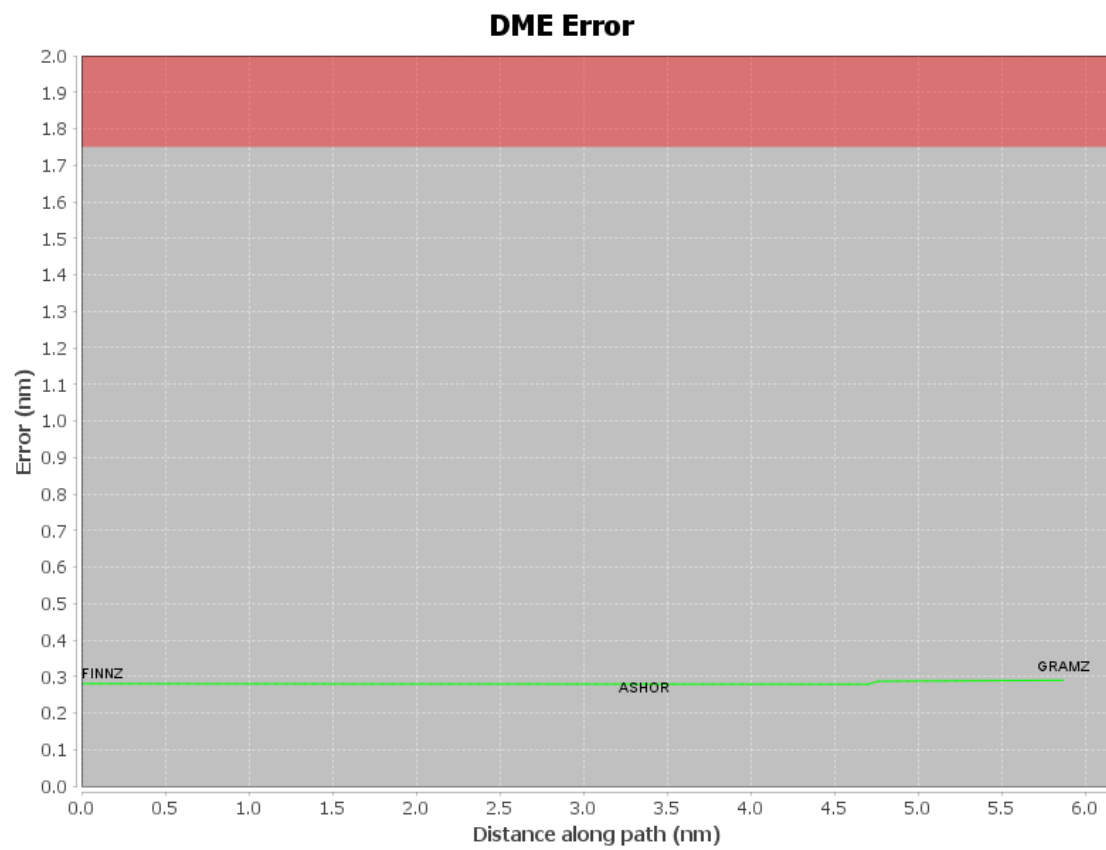
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
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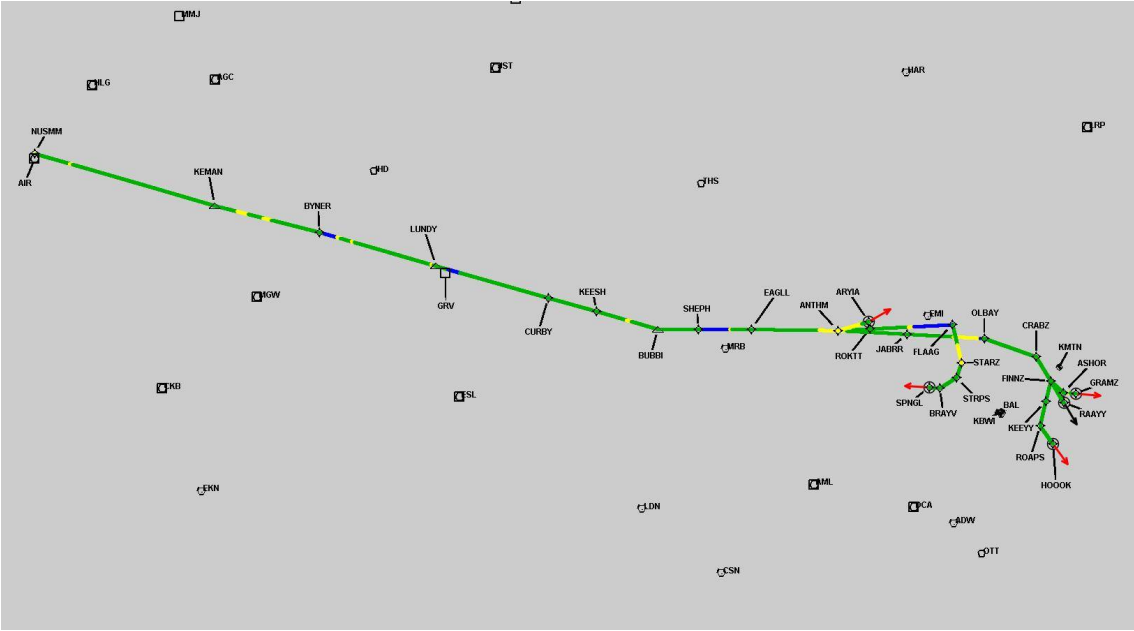
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DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ



DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

Graphic Depiction 1



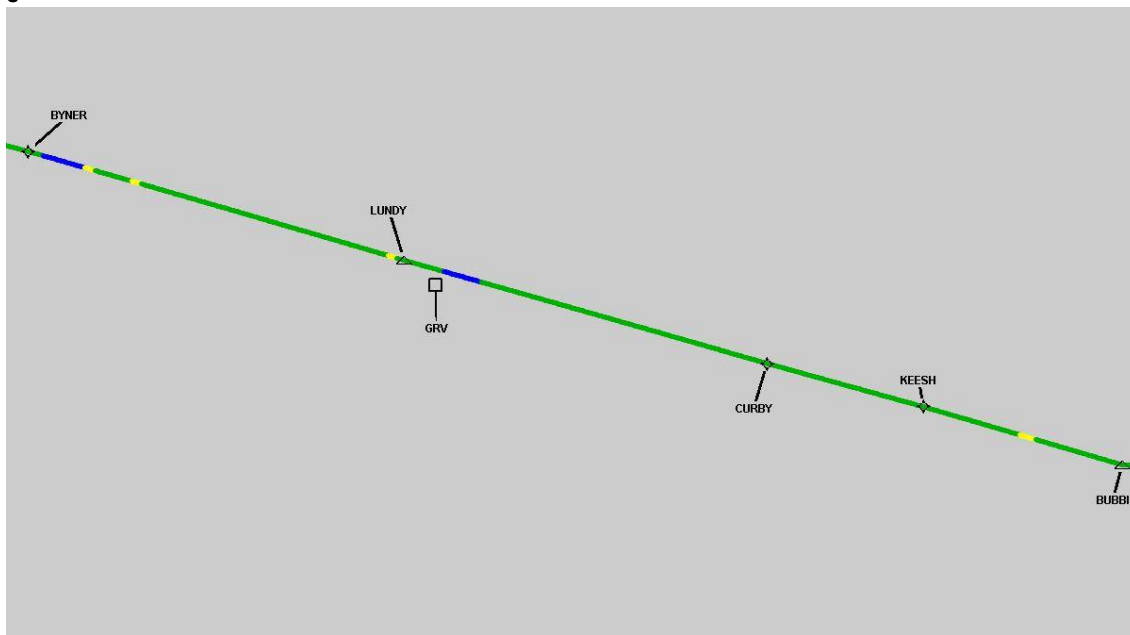
DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

Graphic Depiction 2



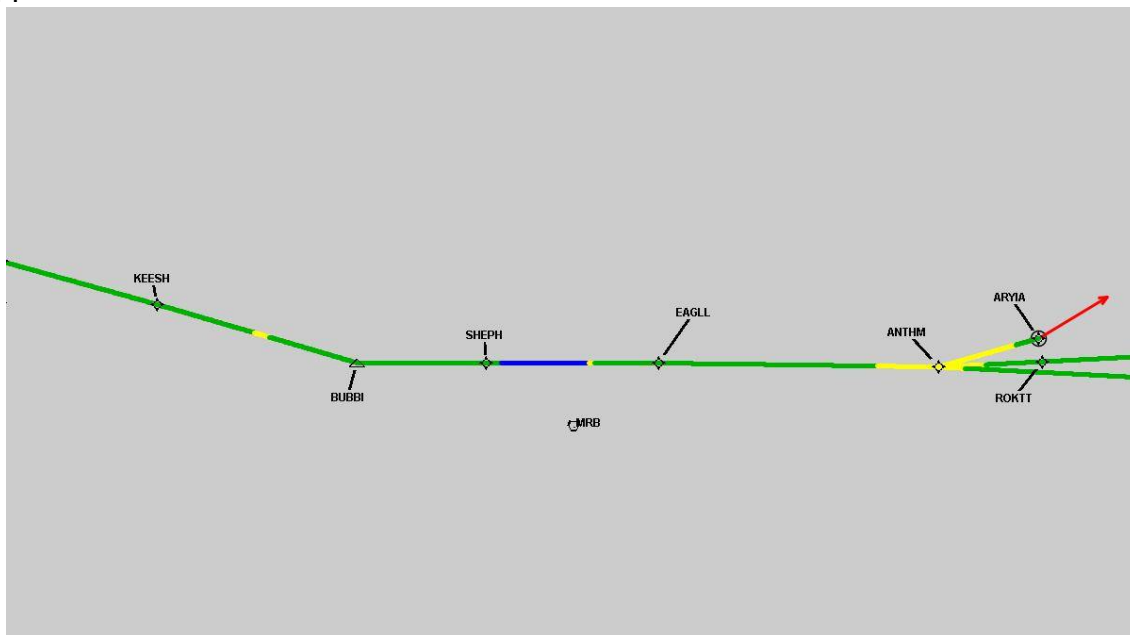
DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

Graphic Depiction 3



DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

Graphic Depiction 4



DME DME Assessment Results for ANTHM5 path FINNZ_GRAMZ

Graphic Depiction 5

