

## DME DME Assessment Results for Q480 AMEND path BAF\_ENE

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Robert CTR Mason
Project File:	C:\Users\Robert CTR Mason\Desktop\DME Evaluations\Q480_DME\Q-480 Amend.tgs
Output File:	C:\Users\Robert CTR Mason\Desktop\DME Evaluations\Q480_DME\Q480 AMEND_2019-01-02_1203\BAF_ENE\Q480 AMEND RNAV ROUTE_BAF_ENE_2019-01-02_1203.pdf
Procedure Name:	Q480 AMEND
Software: DmeDmePlugin:	5.5.1
Date/Time:	01/02/2019 12:03 PM EST
Databases:	DTED.MAX

### Failures

No Failures

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	IAS (kts)	Turn Type	Leg Type
BAF	WP	N42° 09' 43.05", W072° 42' 58.32"	18000	VNAV	240	FLY_BY	TF
KYLOH	WP	N43° 03' 53.11", W071° 13' 45.49"	18000	VNAV	240	FLY_BY	TF
BEEKN	WP	N43° 20' 51.95", W070° 44' 50.28"	18000	VNAV	240	FLY_BY	TF
ENE	WP	N43° 25' 32.42", W070° 36' 48.69"	18000	VNAV	240	FLY_BY	TF

### Flyability

Flight Type:	RNAV_ROUTE
Selected Airport:	
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 Q480 AMEND path BAF\_ENE

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Not included
Terminal DMEs:	Not 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	HTO	N40° 55' 08.38", W072° 19' 00.14"	13.0 W	130	H	AIRNAV2	NO	Enabled	28.8 %	28.8 %
2	LFV	N42° 01' 01.88", W070° 02' 14.04"	16.0 W	130	H	AIRNAV2	NO	Enabled	69.8 %	69.8 %
3	HUO	N41° 24' 34.87", W074° 35' 29.74"	11.0 W	130	H	AIRNAV2	NO	Enabled	3.2 %	3.2 %
4	PVD	N41° 43' 27.63", W071° 25' 46.71"	14.0 W	130	H	AIRNAV2	NO	Enabled	100 %	100 %
5	BGR	N44° 50' 30.46", W068° 52' 26.28"	19.0 W	130	H	AIRNAV2	NO	Enabled	9.3 %	9.3 %
6	PUT	N41° 57' 19.66", W071° 50' 38.74"	14.0 W	130	H	AIRNAV2	NO	Enabled	95.5 %	95.5 %
7	ENE	N43° 25' 32.42", W070° 36' 48.69"	17.0 W	130	H	AIRNAV2	NO	Enabled	79.5 %	79.5 %
8	BOS	N42° 21' 26.82", W070° 59' 22.37"	16.0 W	130	H	AIRNAV2	NO	Enabled	86.6 %	86.6 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BOS	HTO	PUT	HUO	PVD	
3.9	BOS	HTO	PUT	PVD		
19.9	BOS	HTO	PUT	ENE	PVD	
34.6	PVD	ENE	PUT	BOS		
36.2	PVD	ENE	PUT	BOS	LFV	
103.9	LFV	ENE	PUT	PVD		
108.7	LFV	ENE	PUT	BGR	PVD	
114.5	LFV	ENE	BGR	PVD		
115.2	BGR	LFV	PVD			

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

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### Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List
BAF	KYLOH	HTO, HUO, BOS, ENE, LFV, PUT, PVD
KYLOH	BEEKN	BOS, BGR, LFV, ENE, PUT, PVD
BEEKN	ENE	BGR, LFV, ENE, PUT, PVD

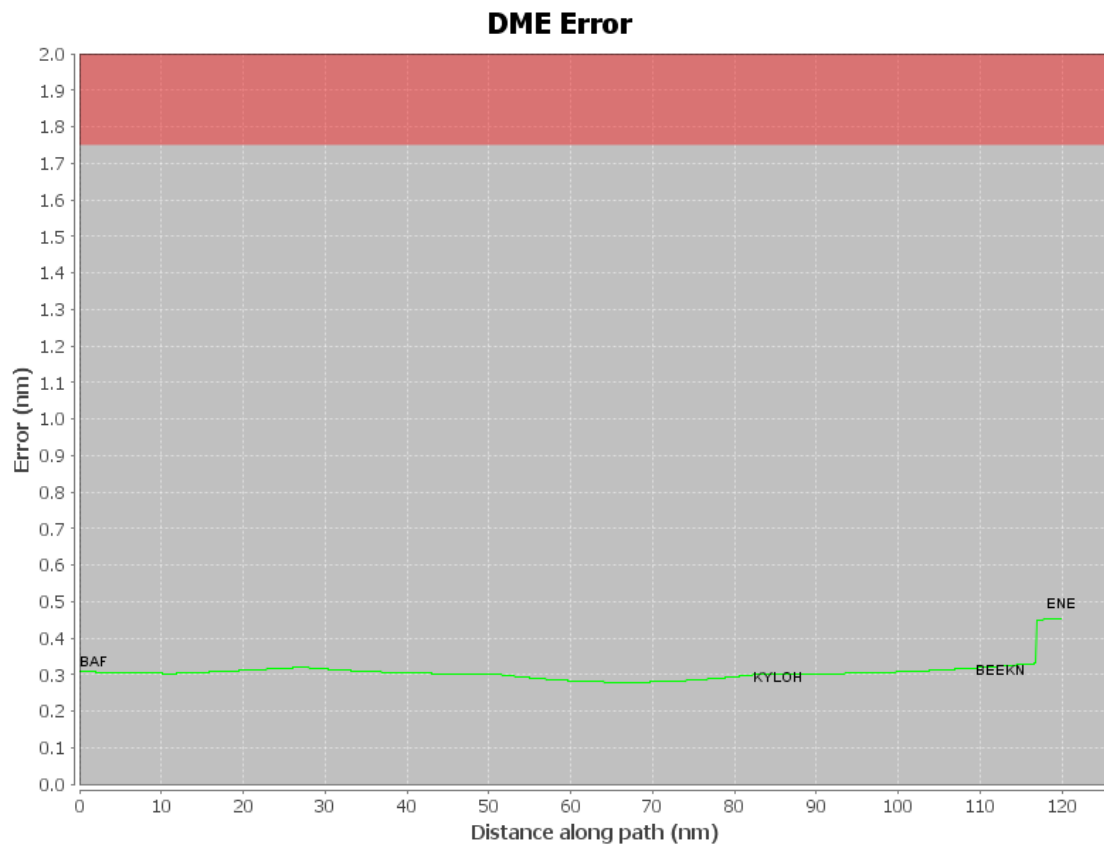
### User Data Files

#	File Name
1	UserDMEsQ480 AMEND RNAV ROUTE_2018-12-20_0719.udt

### User DMEs

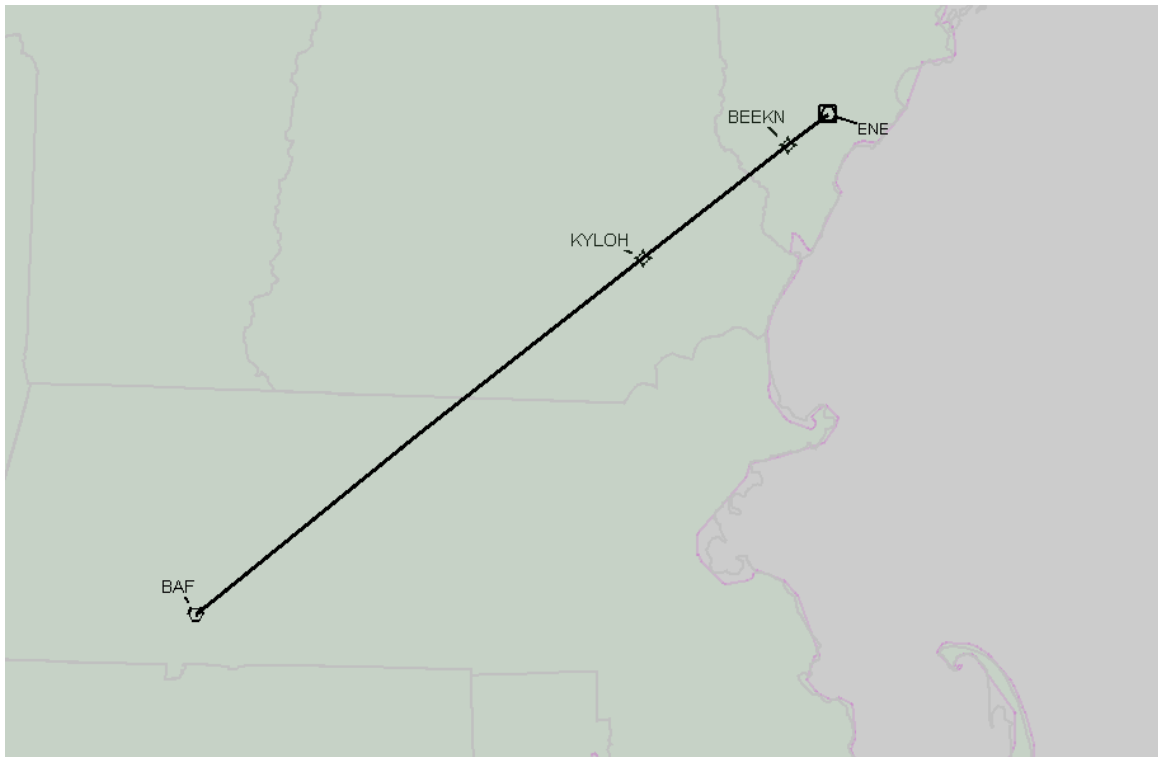
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV PVD PVD [AIRNAV2]	N41° 43' 27.63", W071° 25' 46.71"	14.0 W	130	88.6	115.6	UDT ESV PVD	
ESV:		Bearing [True]: 220.0° to 30.0° Bearing [Mag]: 234.0° to 44.0°				Arc Distance: Out to 155.0 NM Altitude: 18000.0 to 31000.0 ft		
2	UDT ESV BGR BGR [AIRNAV2]	N44° 50' 30.46", W068° 52' 26.28"	19.0 W	130	364.2	114.8	UDT ESV BGR	
ESV:		Bearing [True]: 218.0° to 229.0° Bearing [Mag]: 237.0° to 248.0°				Arc Distance: Out to 125.0 NM Altitude: 18000.0 to 20000.0 ft		

## DME DME Assessment Results for Q480 AMEND path BAF\_ENE



## DME DME Assessment Results for Q480 AMEND path BAF\_ENE

Graphic Depiction 1



## DME DME Assessment Results for Q480 AMEND path ENE\_BAF

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Software: DmeDmePlugin:	5.5.1
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### Failures

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### Notes For Flight Check

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### Flight Plan

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VNAV Mode:	Flight Plan

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Range Mode:	OSV
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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BGR	LFV	PVD			
4.8	LFV	ENE	BGR	PVD		
5.4	LFV	ENE	BGR	PUT	PVD	
11.2	LFV	ENE	PUT	PVD		
16.0	LFV	ENE	BOS	PUT	PVD	
83.8	PVD	ENE	PUT	BOS		
85.3	PVD	ENE	PUT	BOS	HTO	
100.1	BOS	HTO	PUT	PVD		
116.0	BOS	HTO	PUT	HUO	PVD	

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

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Waypoint Before	Waypoint After	DME List
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BEEKN	KYLOH	BOS, BGR, LFV, ENE, PUT, PVD
KYLOH	BAF	HTO, HUO, BOS, LFV, ENE, PUT, PVD

### User Data Files

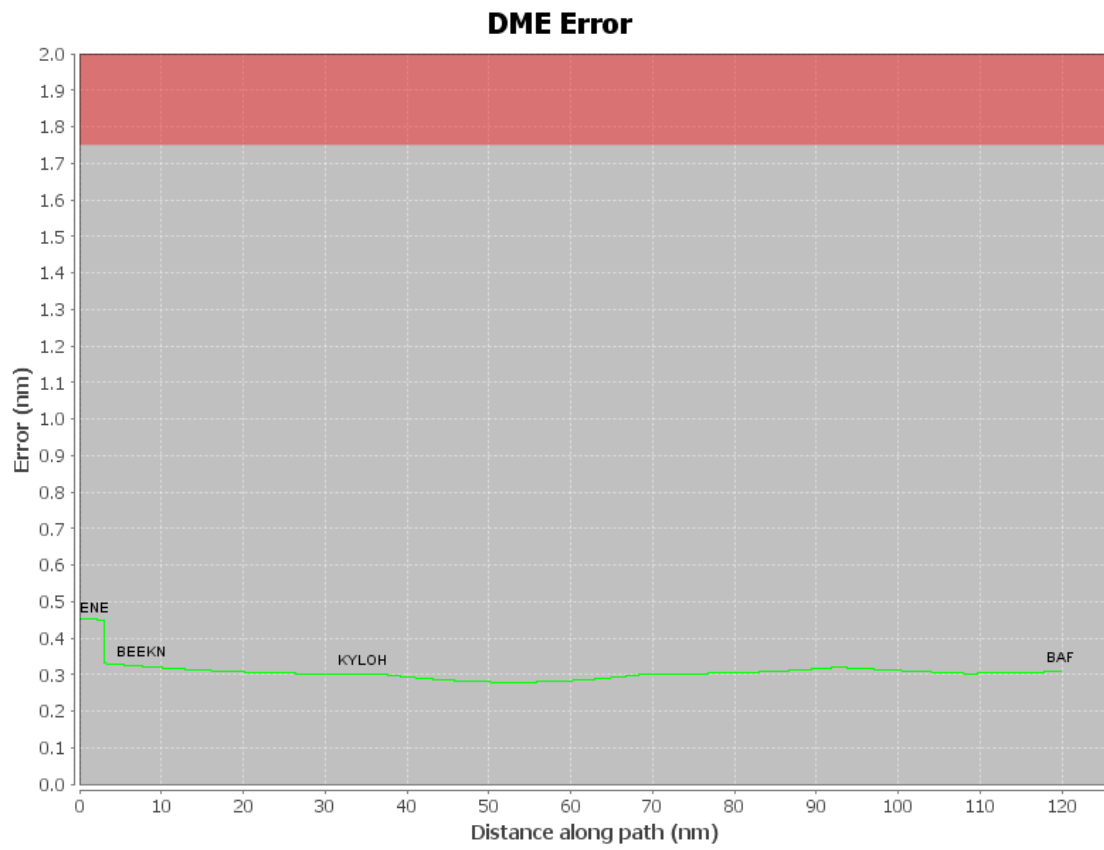
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## DME DME Assessment Results for Q480 AMEND path ENE\_BAF

Graphic Depiction 1

