

DME DME Assessment Results for BLZZR5 path KBOS:RW04R:DER_BLZZR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW04R-DER_BLZZR\KBOS BLZZR5 SID KBOS RW04R BLZZR 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW04R:DER	WP	N42° 22' 36.840", W070° 59' 57.447"	14.5	VNAV	130	FLY_OVER	TF
NHANT	WP	N42° 26' 23.240", W070° 57' 59.970"	2000	VNAV	200	FLY_BY	TF
HURBE	WP	N42° 27' 38.740", W070° 51' 07.040"	4000	VNAV	200	FLY_BY	TF
ORRRR	WP	N42° 25' 28.480", W070° 45' 13.440"	5000	VNAV	200	FLY_BY	TF
CHWDH	WP	N42° 18' 15.540", W070° 43' 46.940"	6500	VNAV	200	FLY_BY	TF
STEEM_	WP	N42° 15' 30.000", W070° 48' 41.000"	7500	VNAV	200	FLY_BY	TF
DEDHM	WP	N42° 11' 44.300", W070° 56' 57.030"	8000	VNAV	200	FLY_BY	TF
BLZZR	WP	N42° 13' 02.390", W071° 45' 36.590"	9000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 3600.0 ft MSL							

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 3600.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW04R:DER_BLZZR

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:	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	PVD	N41° 43' 27.633", W071° 25' 46.708"	14.0 W	130	H	IFPA	NO	Enabled	55.8 %	56.6 %
2	PUT	N41° 57' 19.657", W071° 50' 38.741"	14.0 W	130	H	IFPA	NO	Enabled	44.8 %	45.5 %
3	MHT	N42° 52' 06.708", W071° 22' 10.324"	15.0 W	40	L	IFPA	NO	Enabled	13.2 %	13.4 %
4	LFV	N42° 01' 01.876", W070° 02' 14.037"	16.0 W	130	H	IFPA	NO	Enabled	2.7 %	2.7 %
5	GDM	N42° 32' 45.315", W072° 03' 29.478"	14.0 W	40	L	IFPA	NO	Enabled	26.6 %	27 %
6	BOS	N42° 21' 26.820", W070° 59' 22.374"	16.0 W	130	H	IFPA	NO	Enabled	67.9 %	69 %
7	LWM	N42° 44' 25.506", W071° 05' 41.461"	15.0 W	40	L	IFPA	NO	Enabled	65.8 %	66.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
4.9	BOS	MHT				
5.2	BOS	MHT	LWM			
14.2	BOS	LWM				
22.2	BOS	LWM	LFV			
23.2	LFV	LWM				
24.1						
30.1	PVD	BOS	LWM			
33.1	PVD	LWM				
33.3	PVD	LWM	BOS			
35.3	PVD	LWM				
37.8	PUT	LWM	BOS	PVD		
39.0	PUT	LWM	PVD			
46.0	PUT	LWM	PVD	BOS		
50.6	GDM	LWM	PUT	PVD	BOS	
57.6	GDM	PUT	PVD	BOS		

DME DME Assessment Results for BLZZR5 path KBOS:RW04R:DER_BLZZR

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N42° 22' 38.880", W070° 59' 56.460"	N42° 26' 35.189", W070° 56' 54.789"	4.8341
2	N42° 16' 39.832", W070° 46' 37.051"	N42° 13' 23.334", W070° 53' 19.661"	5.9656

Available DMEs by Waypoints

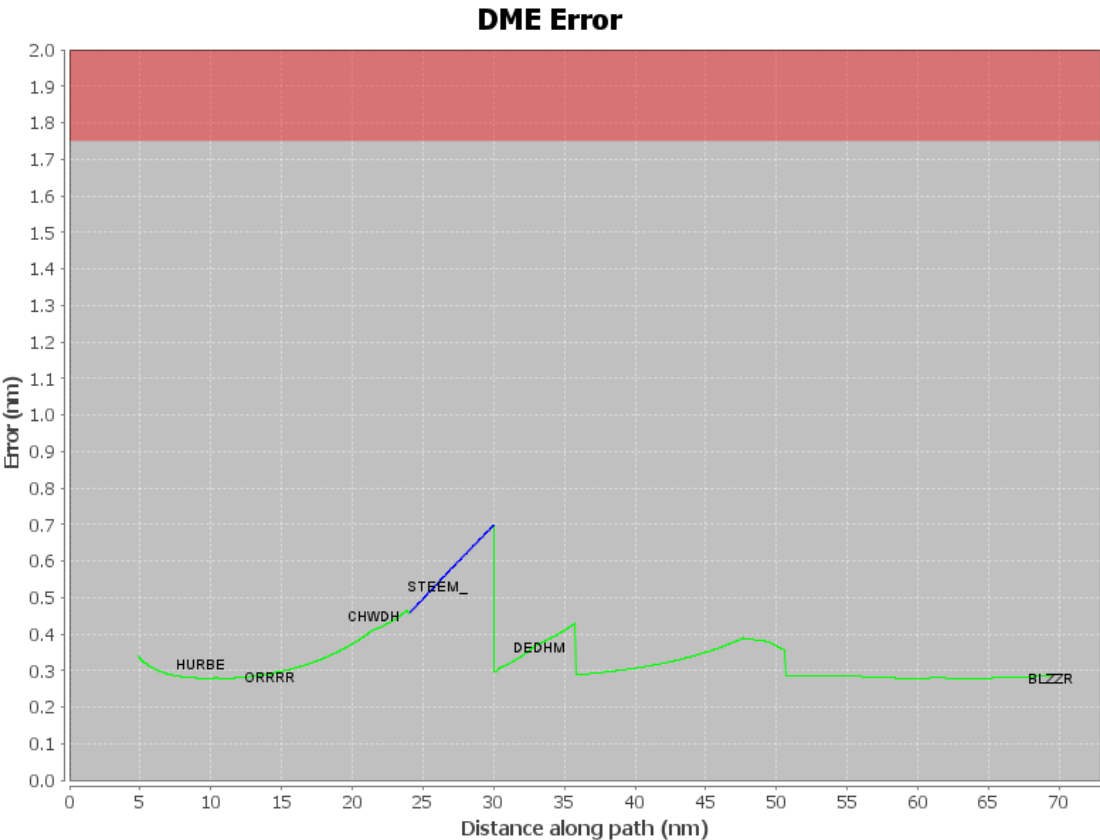
Waypoint Before	Waypoint After	DME List
KBOS:RW04R:DER	NHANT	
NHANT	HURBE	LWM, BOS, MHT
HURBE	ORRRR	LWM, BOS, MHT
ORRRR	CHWDH	LWM, BOS
CHWDH	STEEM_	LWM, BOS, LFV
STEEM_	DEDHM	LWM, BOS, PVD
DEDHM	BLZZR	GDM, LWM, BOS, PUT, PVD

User Data Files

#	File Name
	None

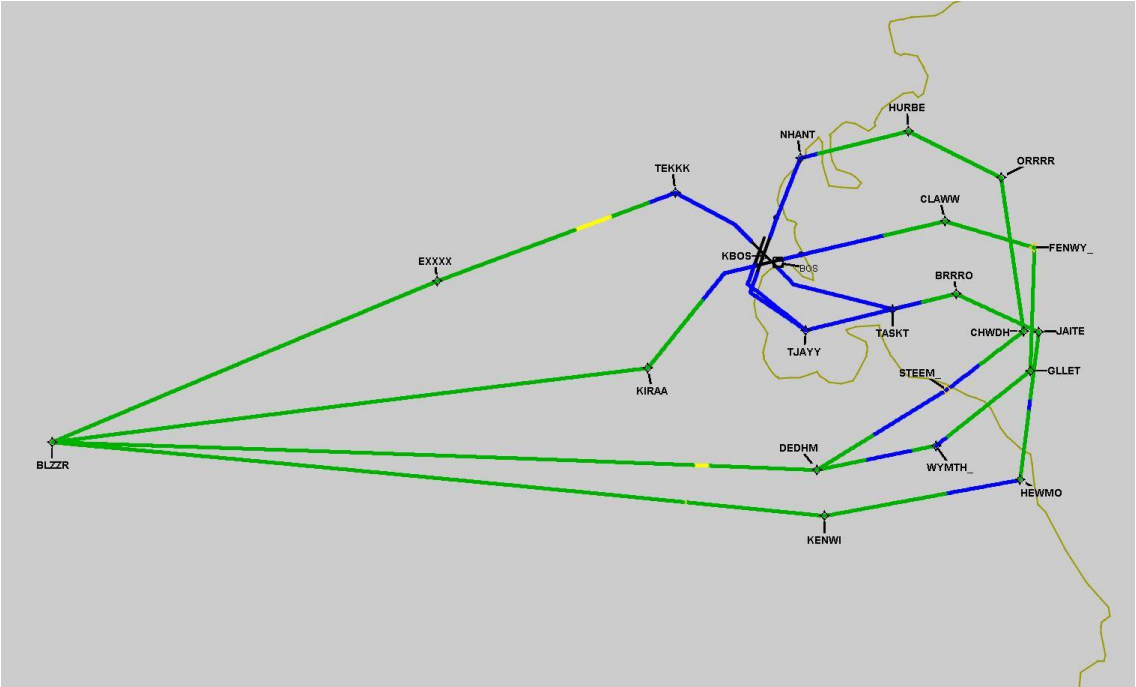
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status



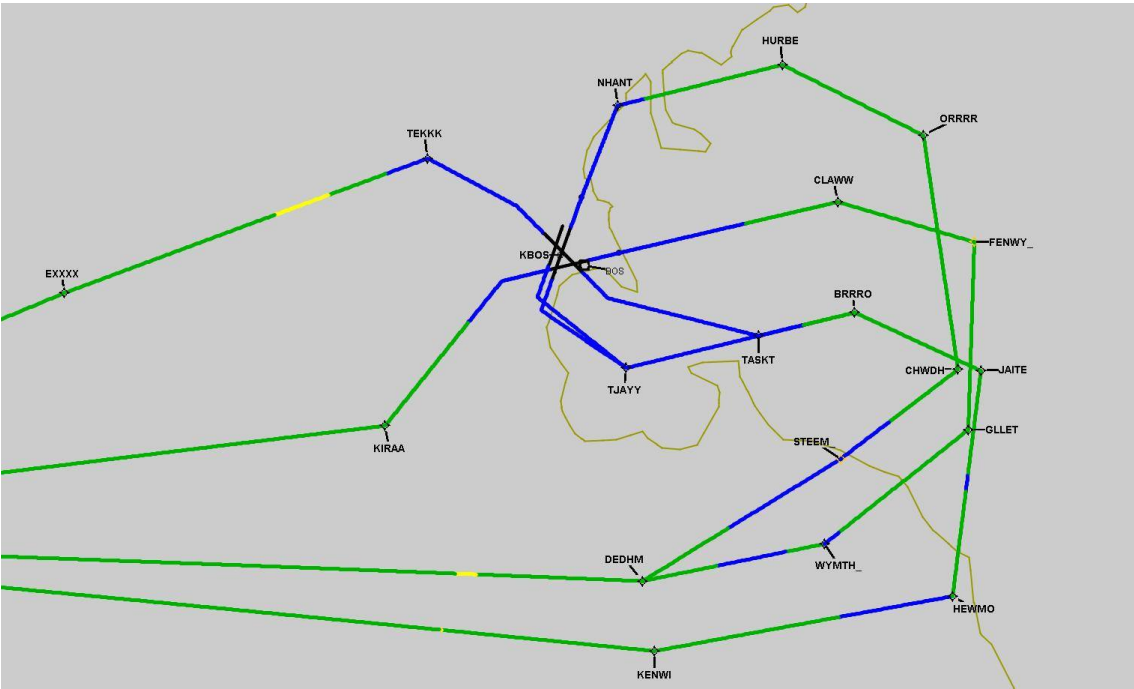
DME DME Assessment Results for BLZZR5 path KBOS:RW04R:DER_BLZZR

Graphic Depiction 1



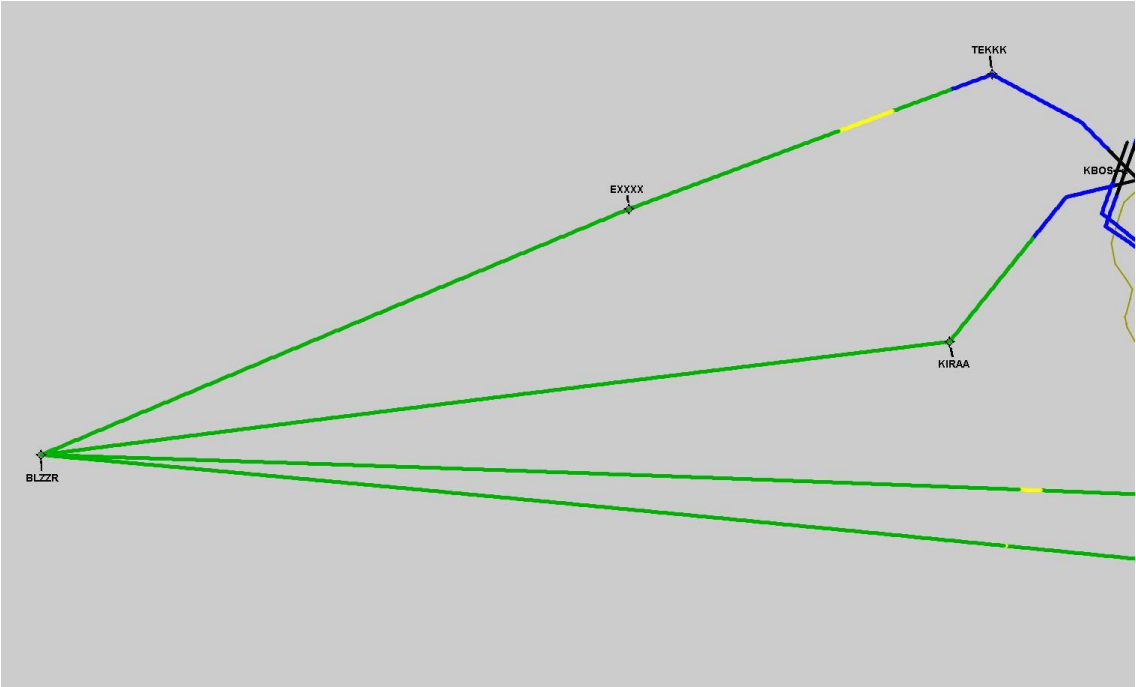
DME DME Assessment Results for BLZZR5 path KBOS:RW04R:DER_BLZZR

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW04R:DER_BLZZR

Graphic Depiction 3



DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW09-DER_DEDHM\KBOS BLZZR5 SID KBOS RW09 DEDHM 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW09:DER	WP	N42° 21' 36.777", W070° 59' 15.728"	14.8	VNAV	130	FLY_OVER	TF
CLAWW	WP	N42° 23' 25.270", W070° 48' 47.670"	4000	VNAV	250	FLY_BY	TF
FENWY_	WP	N42° 22' 11.098", W070° 43' 06.021"	5000	VNAV	250	FLY_BY	TF
GLLET	WP	N42° 16' 24.050", W070° 43' 21.250"	6000	VNAV	250	FLY_BY	TF
WYMT_	WP	N42° 12' 53.228", W070° 49' 20.517"	7000	VNAV	250	FLY_BY	TF
DEDHM	WP	N42° 11' 44.300", W070° 56' 57.030"	8000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 4000.0 ft MSL							

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 4000.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

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:	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	PVD	N41° 43' 27.633", W071° 25' 46.708"	14.0 W	130	H	IFPA	NO	Enabled	7.2 %	8.1 %
2	LFV	N42° 01' 01.876", W070° 02' 14.037"	16.0 W	130	H	IFPA	NO	Enabled	18.7 %	21 %
3	BOS	N42° 21' 26.820", W070° 59' 22.374"	16.0 W	130	H	IFPA	NO	Enabled	48.1 %	52.6 %
4	LWM	N42° 44' 25.506", W071° 05' 41.461"	15.0 W	40	L	IFPA	NO	Enabled	66.4 %	73.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
5.0	BOS	LWM				
13.1	BOS	LWM	LFV			
13.3	BOS	LWM				
18.2	LFV	LWM				
23.2						
23.9	LFV	LWM				
25.0						
27.2	PVD	BOS	LWM			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 21' 37.279", W070° 59' 12.887"	N42° 22' 44.970", W070° 52' 42.351"	4.952
2	N42° 13' 16.383", W070° 48' 41.117"	N42° 12' 53.228", W070° 49' 20.517"	0.6209
3	N42° 12' 39.319", W070° 50' 52.928"	N42° 12' 13.081", W070° 53' 46.850"	2.1981

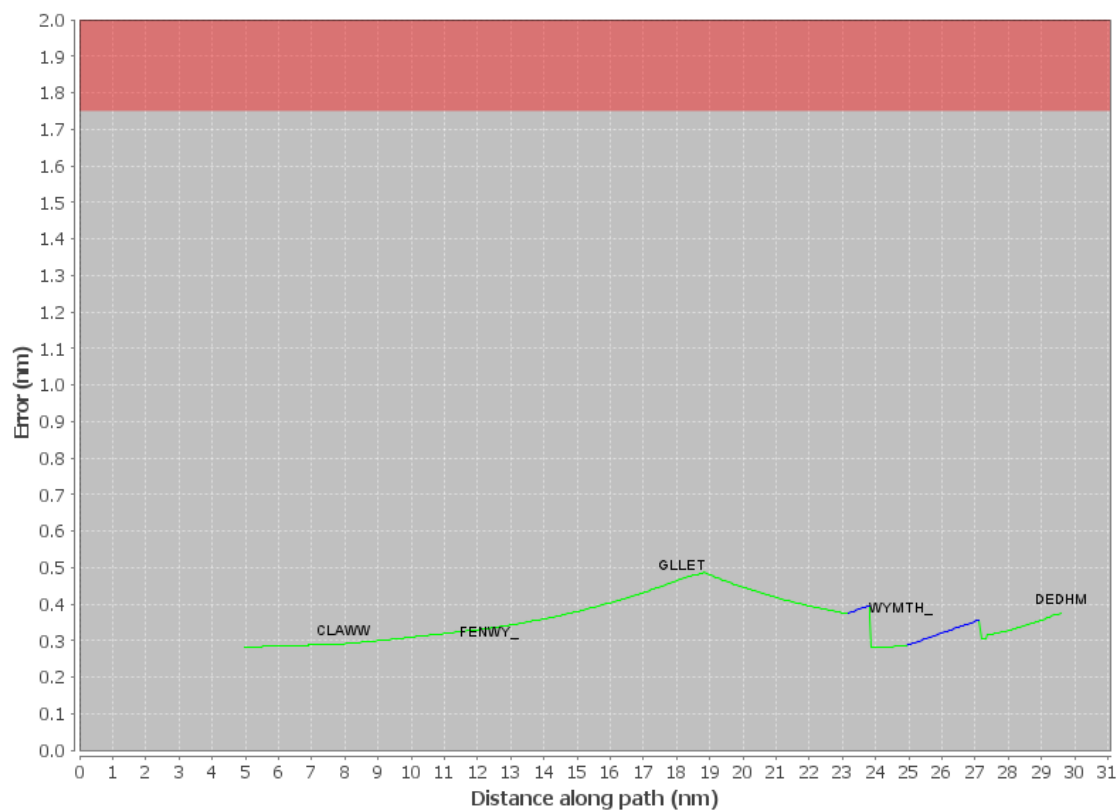
DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KBOS:RW09:DER	CLAWW	LWM, BOS
CLAWW	FENWY_	LWM, BOS
FENWY_	GLLET	LWM, BOS, LFV
GLLET	WYMTH_	LWM, LFV
WYMTH_	DEDHM	LWM, BOS, LFV, PVD

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

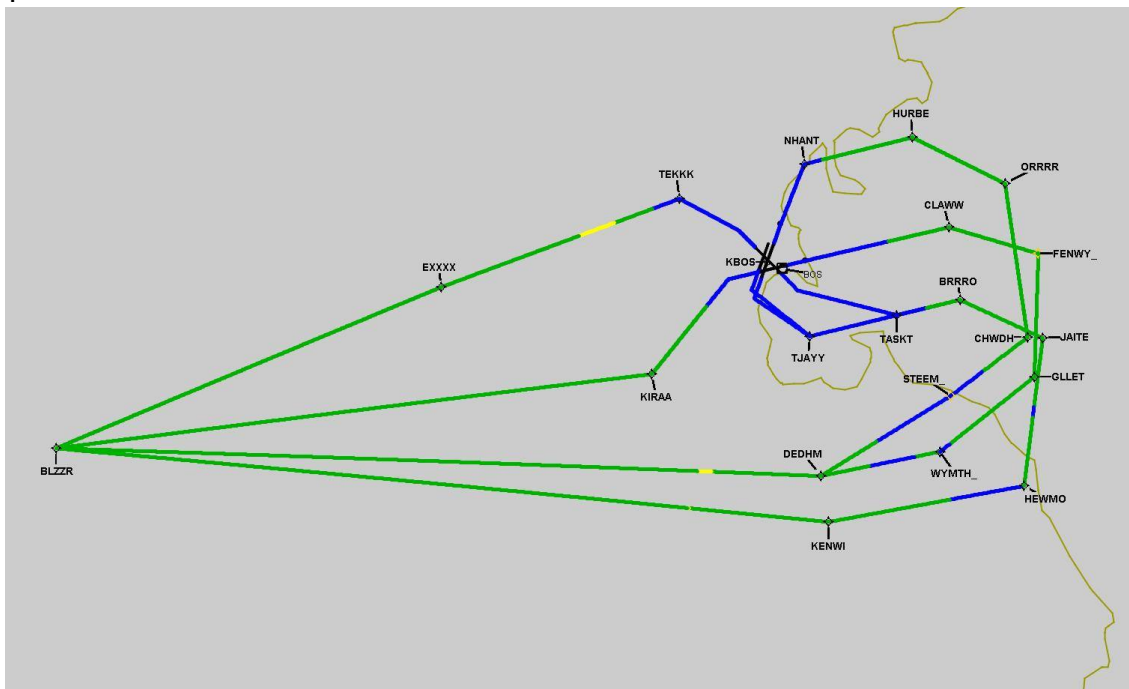
DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

DME Error



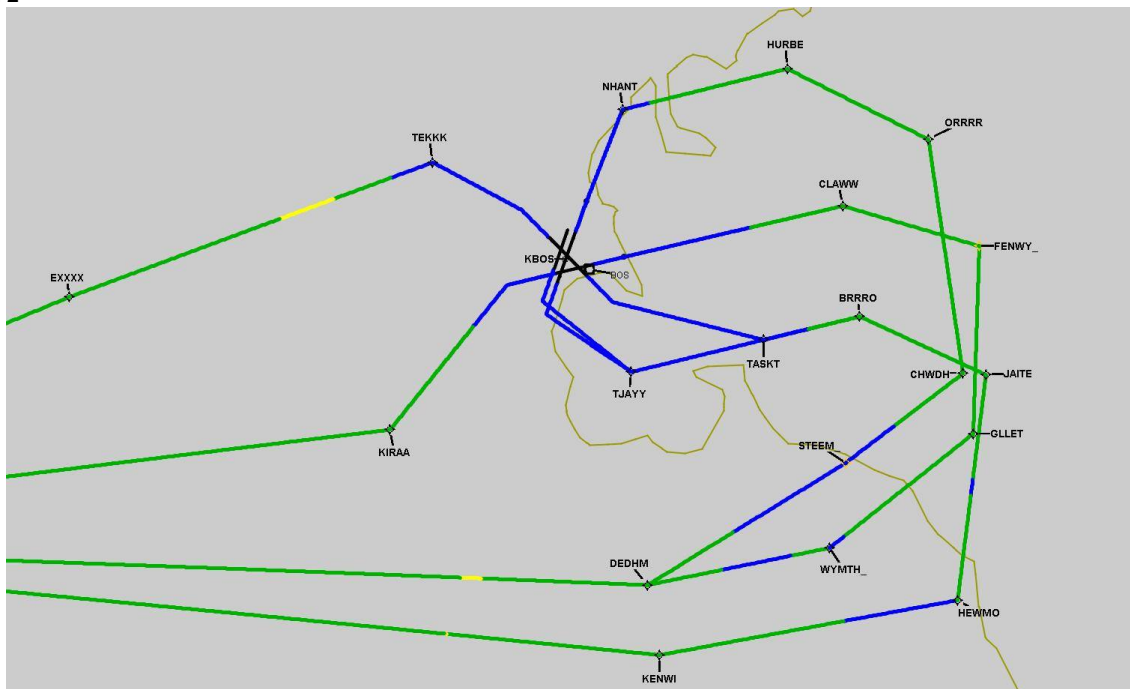
DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

Graphic Depiction 1



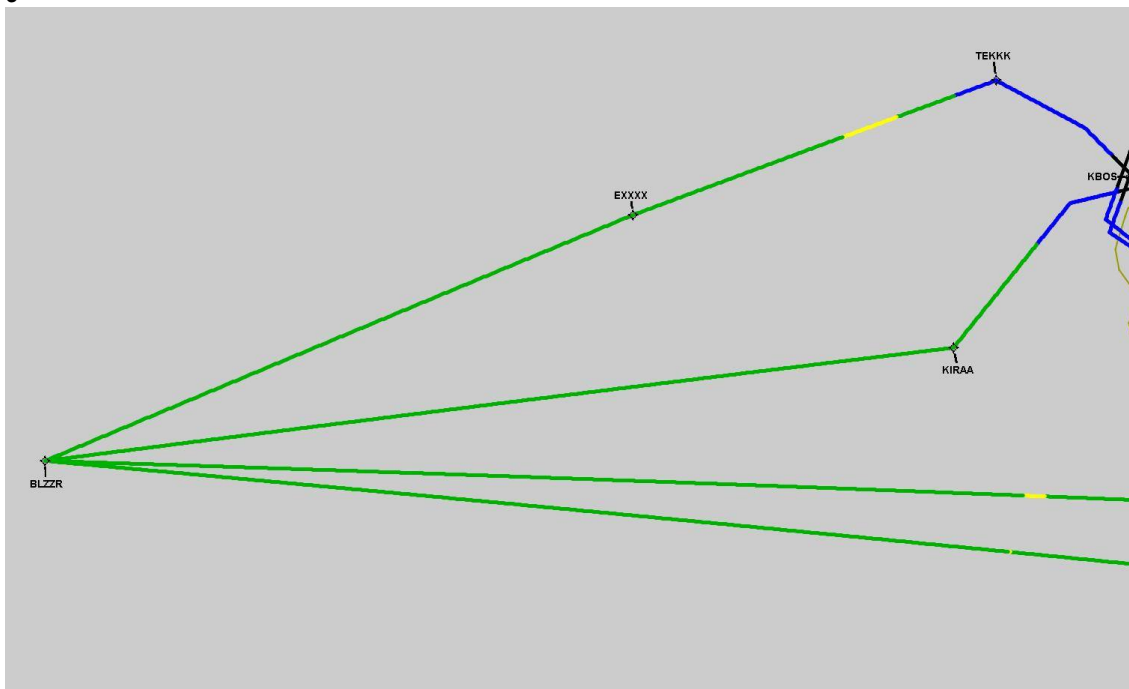
DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW09:DER_DEDHM

Graphic Depiction 3



DME DME Assessment Results for BLZZR5 path KBOS:RW15R:DER_BRRRO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW15R-DER_BRRRO\KBOS BLZZR5 SID KBOS RW15R BRRRO 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW15R:DER	WP	N42° 21' 16.743", W070° 59' 29.710"	15.7	VNAV	210	FLY_BY	TF
TASKT	WP	N42° 19' 17.760", W070° 52' 06.540"	2000	VNAV	210	FLY_BY	TF
BRRRO	WP	N42° 20' 00.780", W070° 48' 05.480"	3000	VNAV	250	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL							

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW15R:DER_BRRRO

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:	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	BOS	N42° 21' 26.820", W070° 59' 22.374"	16.0 W	130	H	IFPA	NO	Enabled	14.8 %	16.7 %
2	LWM	N42° 44' 25.506", W071° 05' 41.461"	15.0 W	40	L	IFPA	NO	Enabled	14.8 %	16.7 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
7.5	BOS	LWM				

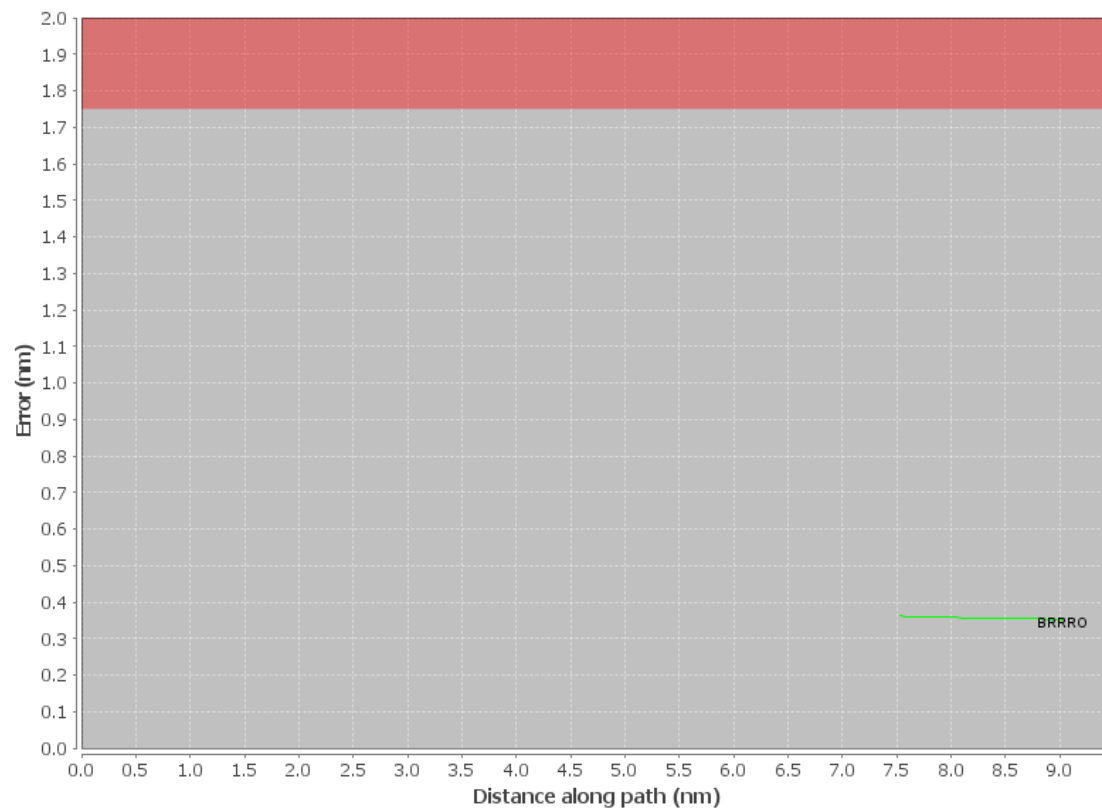
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 21' 14.358", W070° 59' 26.513"	N42° 19' 39.693", W070° 50' 03.747"	7.4524

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KBOS:RW15R:DER	TASKT	
TASKT	BRRRO	LWM, BOS

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

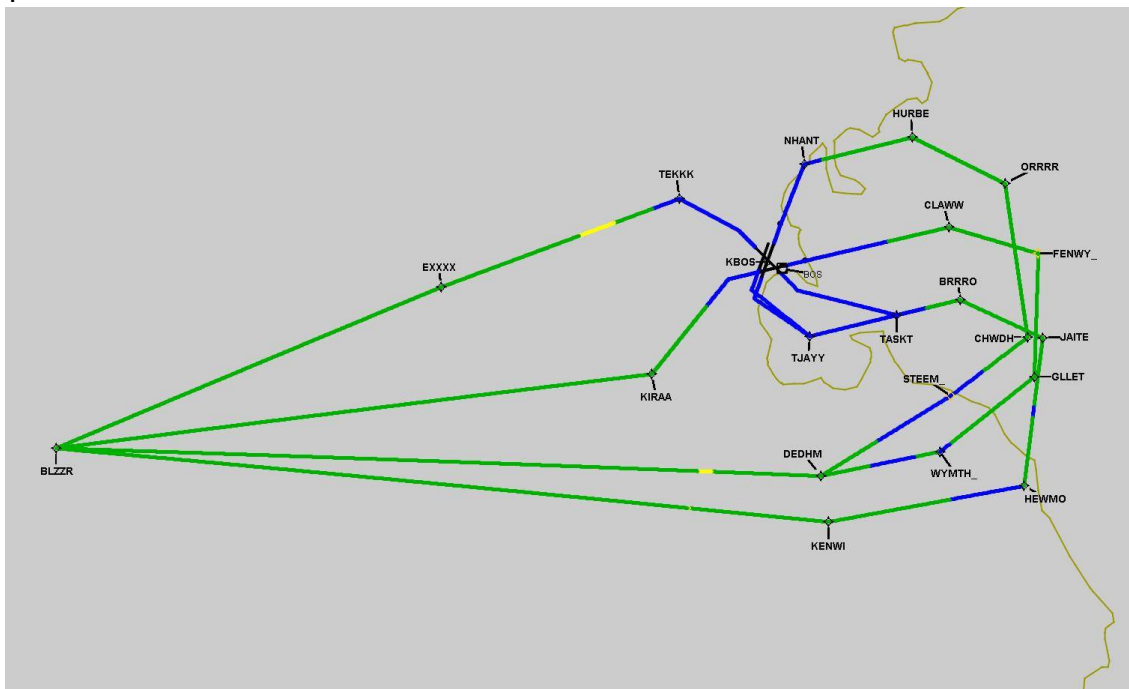
DME DME Assessment Results for BLZZR5 path KBOS:RW15R:DER_BRRRO

DME Error



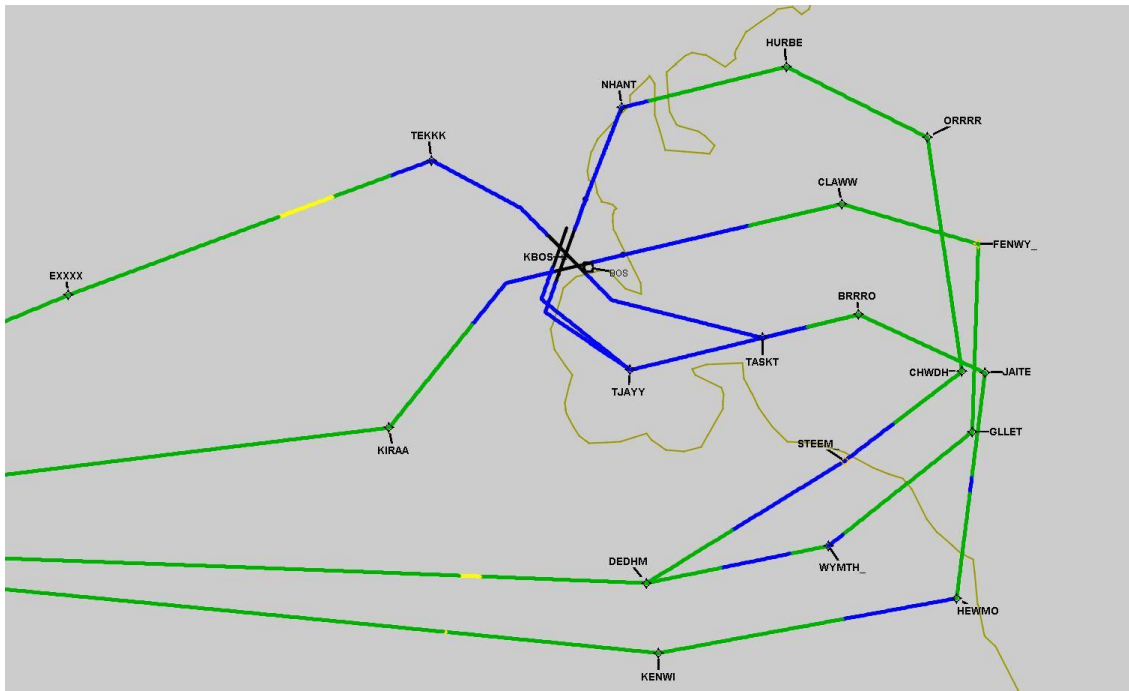
DME DME Assessment Results for BLZZR5 path KBOS:RW15R:DER_BRRRO

Graphic Depiction 1



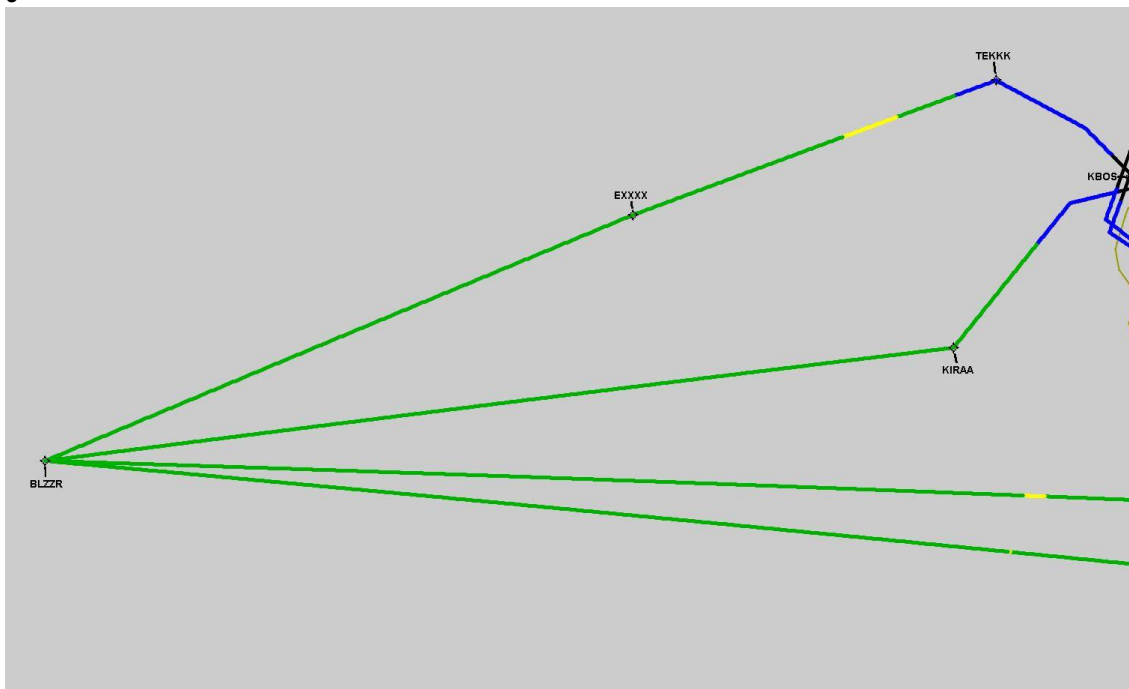
DME DME Assessment Results for BLZZR5 path KBOS:RW15R:DER_BRRRO

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW15R:DER_BRRRO

Graphic Depiction 3



DME DME Assessment Results for BLZZR5 path KBOS:RW22L:DER_BLZZR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW22L-DER_BLZZR\KBOS BLZZR5 SID KBOS RW22L BLZZR 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW22L:DER	WP	N42° 21' 03.809", W071° 00' 42.458"	18.8	VNAV	210	FLY_BY	TF
TJAYY	WP	N42° 18' 18.190", W070° 57' 37.750"	2000	VNAV	210	FLY_BY	TF
BRRRO	WP	N42° 20' 00.780", W070° 48' 05.480"	3000	VNAV	250	FLY_BY	TF
JAITE	WP	N42° 18' 12.900", W070° 42' 49.480"	4000	VNAV	250	FLY_BY	TF
HEWMO	WP	N42° 11' 16.320", W070° 44' 00.450"	5000	VNAV	260	FLY_BY	TF
KENWI	WP	N42° 09' 34.890", W070° 56' 26.990"	6500	VNAV	260	FLY_BY	TF
BLZZR	WP	N42° 13' 02.390", W071° 45' 36.590"	9000	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW22L:DER_BLZZR

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:	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	PVD	N41° 43' 27.633", W071° 25' 46.708"	14.0 W	130	H	IFPA	NO	Enabled	57 %	59.6 %
2	PUT	N41° 57' 19.657", W071° 50' 38.741"	14.0 W	130	H	IFPA	NO	Enabled	44.9 %	47 %
3	LFV	N42° 01' 01.876", W070° 02' 14.037"	16.0 W	130	H	IFPA	NO	Enabled	8.5 %	8.7 %
4	GDM	N42° 32' 45.315", W072° 03' 29.478"	14.0 W	40	L	IFPA	NO	Enabled	25.3 %	26.5 %
5	BOS	N42° 21' 26.820", W070° 59' 22.374"	16.0 W	130	H	IFPA	NO	Enabled	57.2 %	59.1 %
6	LWM	N42° 44' 25.506", W071° 05' 41.461"	15.0 W	40	L	IFPA	NO	Enabled	57.8 %	59.6 %

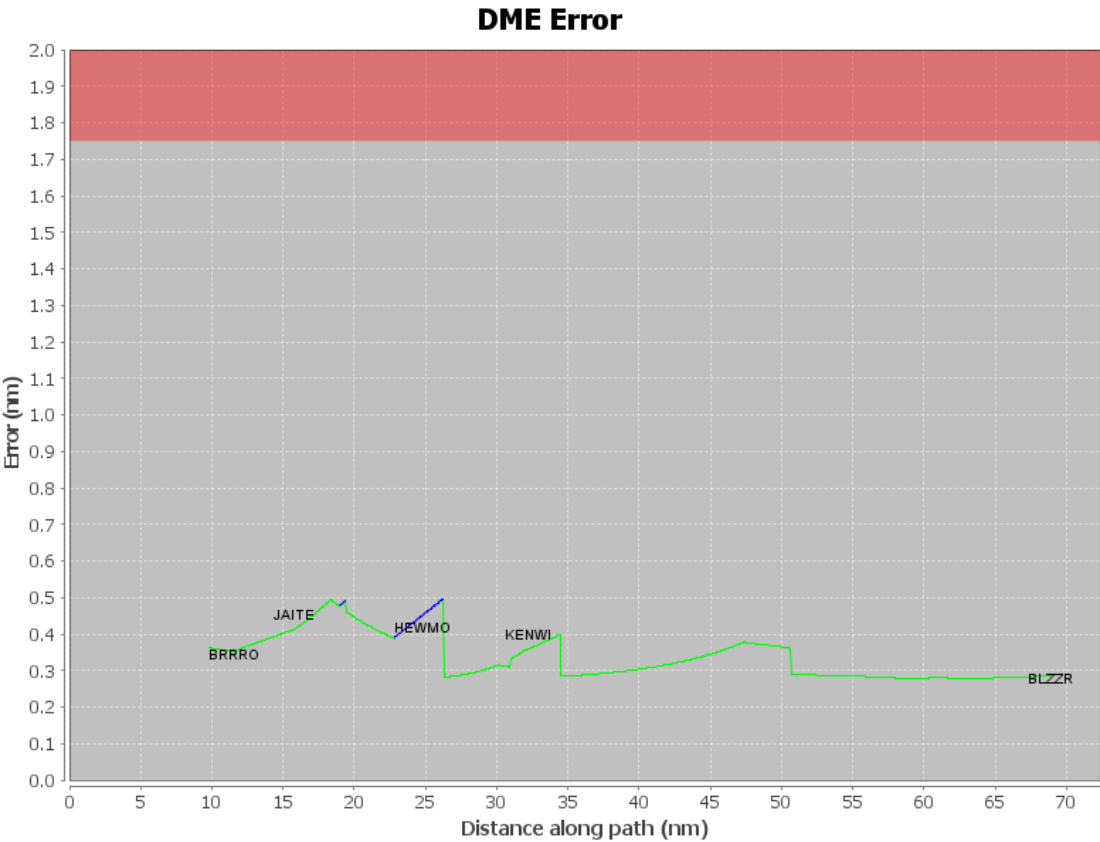
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
9.8	BOS	LWM				
19.0						
19.5	LFV	LWM				
22.9						
26.3	LFV	LWM				
27.6	LFV	LWM	BOS			
27.8	PVD	BOS	LWM	LFV		
29.0	PVD	BOS	LWM			
35.2	PVD	LWM				
36.5	PUT	LWM	BOS	PVD		
39.6	PUT	LWM	PVD			
47.7	PVD	PUT	LWM	BOS		
50.7	GDM	LWM	PUT	BOS	PVD	
55.0	GDM	PUT	PVD	BOS		

DME DME Assessment Results for BLZZR5 path KBOS:RW22L:DER_BLZZR

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 21' 00.663", W071° 00' 43.980"	N42° 19' 37.050", W070° 50' 18.293"	9.7513
2	N42° 15' 03.173", W070° 43' 21.835"	N42° 14' 34.301", W070° 43' 26.754"	0.4849
3	N42° 11' 16.320", W070° 44' 00.450"	N42° 10' 38.539", W070° 48' 39.768"	3.5178

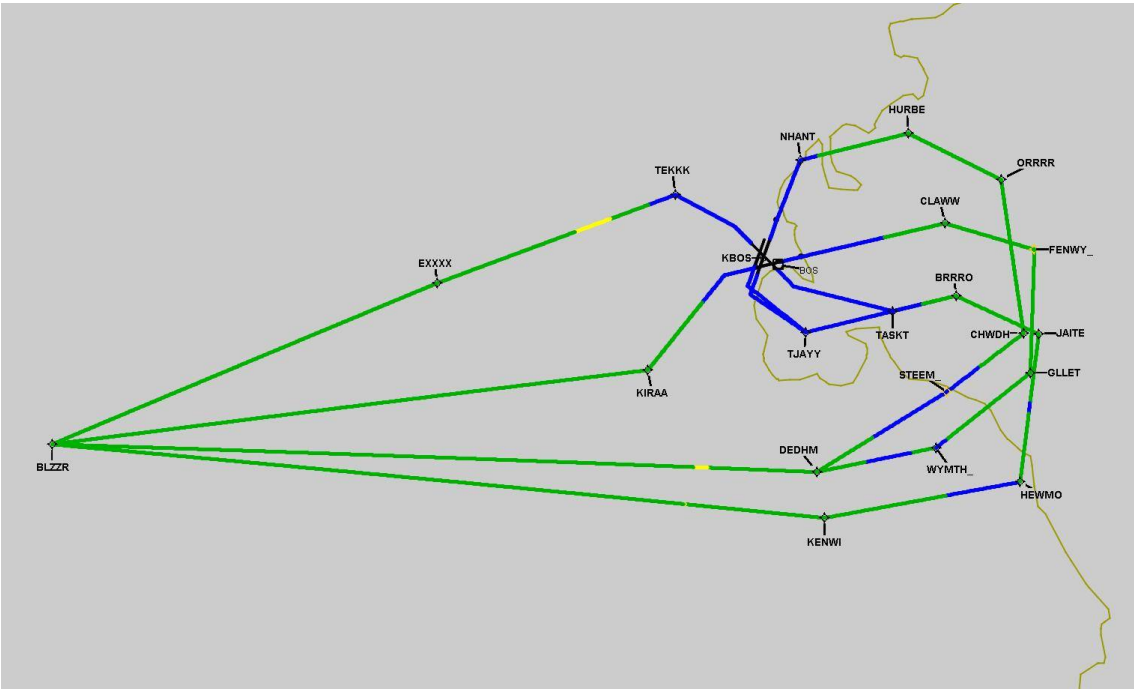
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KBOS:RW22L:DER	TJAYY	
TJAYY	BRRRO	LWM, BOS
BRRRO	JAITE	LWM, BOS
JAITE	HEWMO	LWM, BOS, LFV
HEWMO	KENWI	LWM, BOS, LFV, PVD
KENWI	BLZZR	GDM, LWM, BOS, PUT, PVD

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



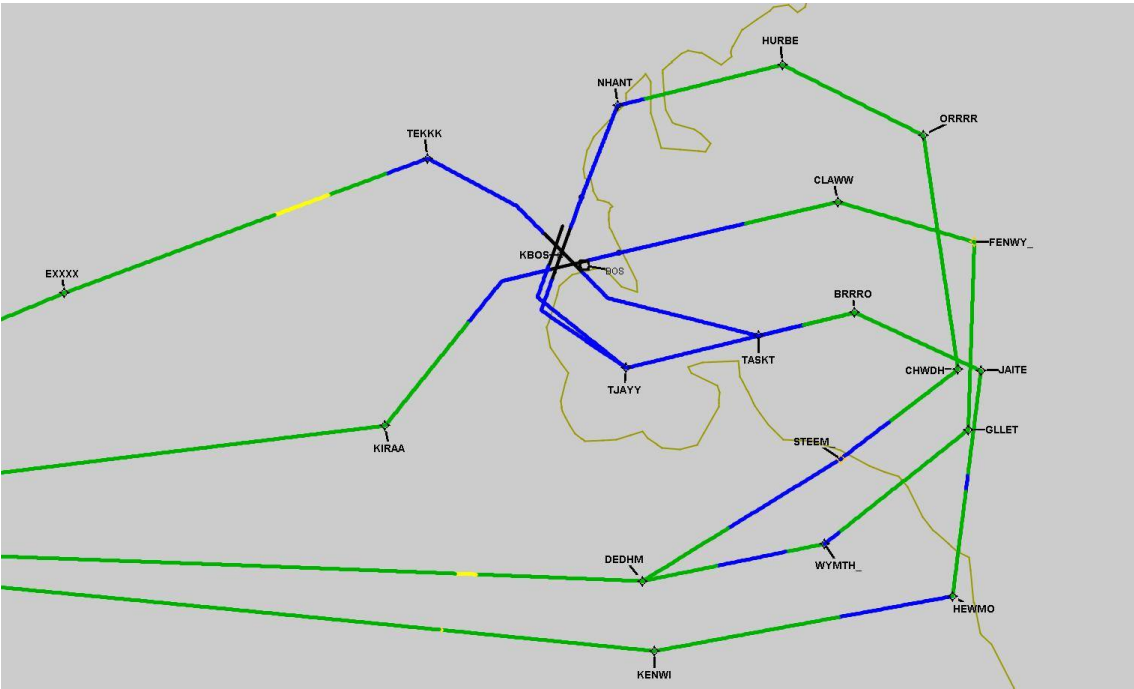
DME DME Assessment Results for BLZZR5 path KBOS:RW22L:DER_BLZZR

Graphic Depiction 1



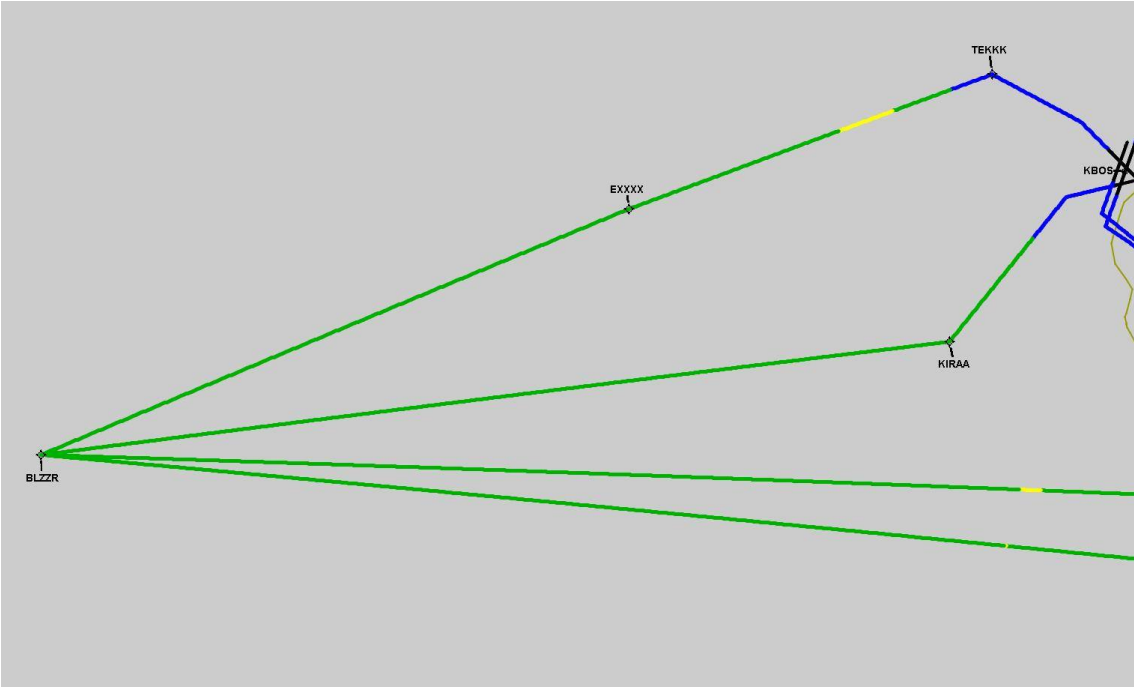
DME DME Assessment Results for BLZZR5 path KBOS:RW22L:DER_BLZZR

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW22L:DER_BLZZR

Graphic Depiction 3



DME DME Assessment Results for BLZZR5 path KBOS:RW22R:DER_TJAYY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW22R-DER_TJAYY\KBOS BLZZR5 SID KBOS RW22R TJAYY 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW22R:DER	WP	N42° 21' 28.758", W071° 00' 51.619"	13.9	VNAV	210	FLY_BY	TF
TJAYY	WP	N42° 18' 18.190", W070° 57' 37.750"	2000	VNAV	210	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL							

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW22R:DER_TJAYY

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:	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

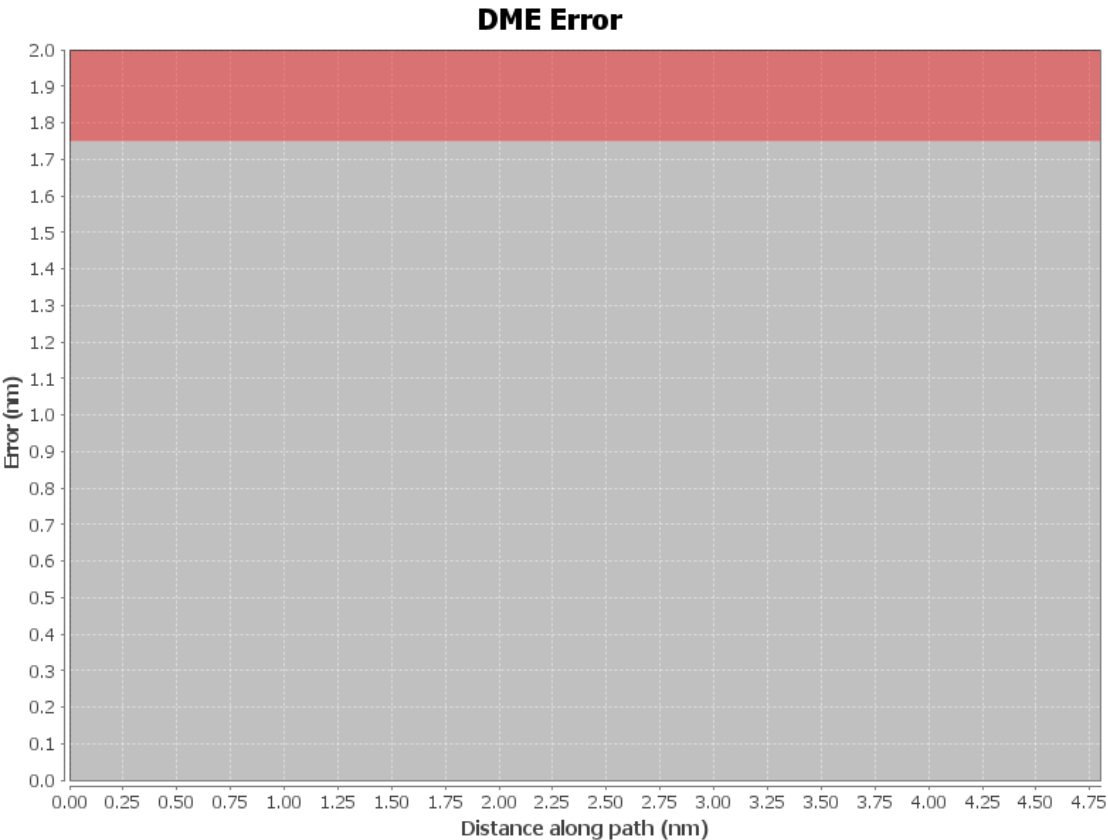
DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance

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

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 21' 25.581", W071° 00' 53.155"	N42° 18' 18.190", W070° 57' 37.750"	4.5125

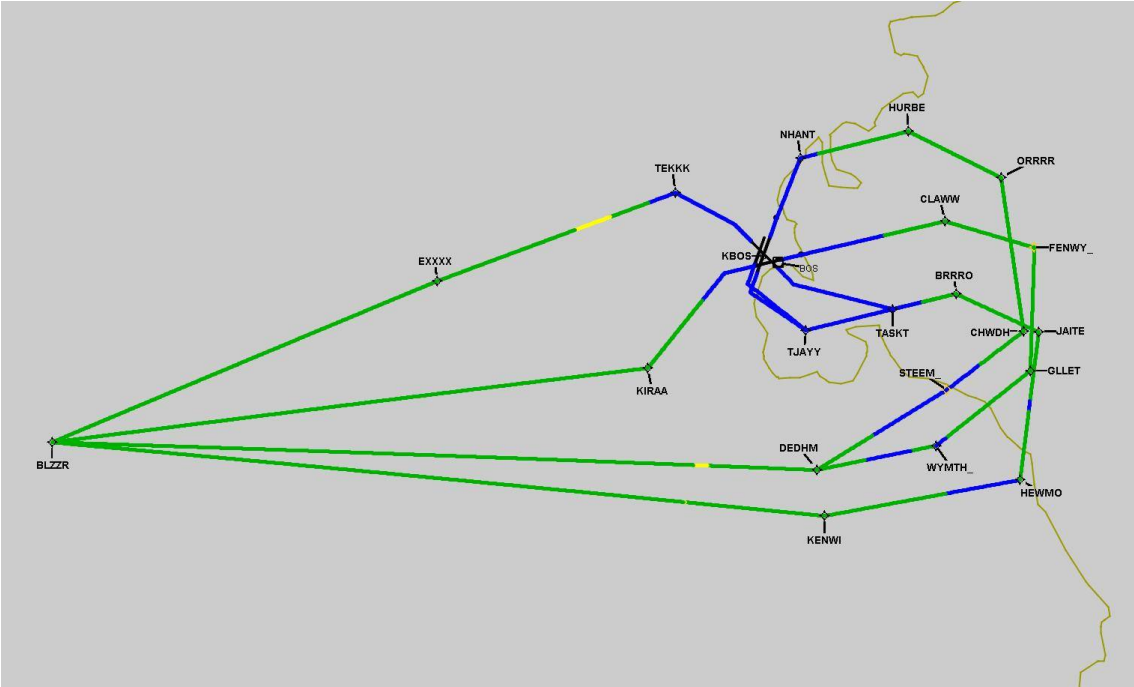
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KBOS:RW22R:DER	TJAYY	

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



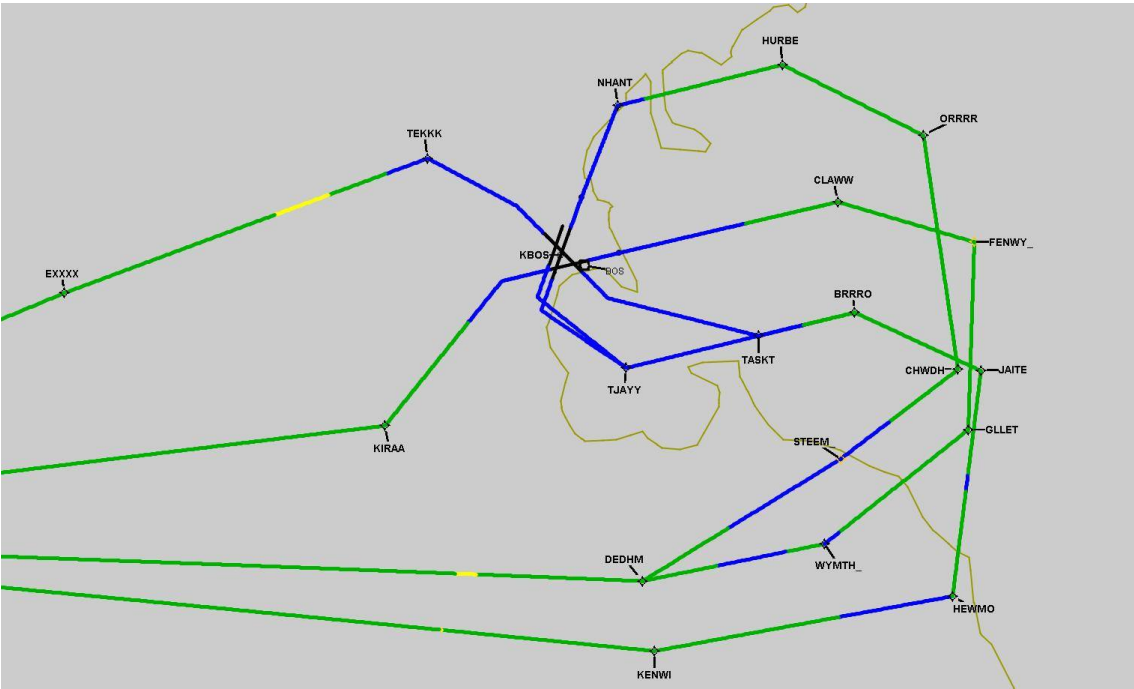
DME DME Assessment Results for BLZZR5 path KBOS:RW22R:DER_TJAYY

Graphic Depiction 1



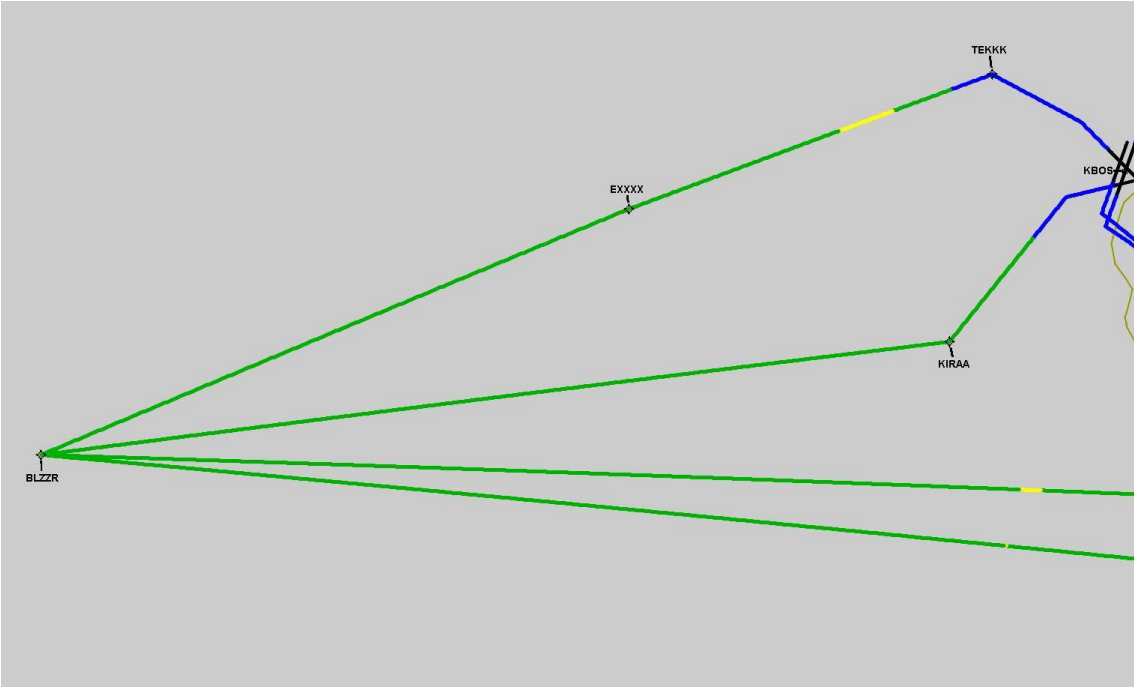
DME DME Assessment Results for BLZZR5 path KBOS:RW22R:DER_TJAYY

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW22R:DER_TJAYY

Graphic Depiction 3



DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW27-DER_BLZZR\KBOS BLZZR5 SID KBOS RW27 BLZZR 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW27:DER	WP	N42° 21' 20.715", W071° 00' 46.419"	16.7	VNAV	130	FLY_BY	TF
KIRAA	WP	N42° 16' 31.480", W071° 07' 41.780"	3000	VNAV	200	FLY_BY	TF
BLZZR	WP	N42° 13' 02.390", W071° 45' 36.590"	9000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 1300.0 ft MSL							

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 1300.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

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:	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	PUT	N41° 57' 19.657", W071° 50' 38.741"	14.0 W	130	H	IFPA	NO	Enabled	78.4 %	83.3 %
2	PVD	N41° 43' 27.633", W071° 25' 46.708"	14.0 W	130	H	IFPA	NO	Enabled	74.4 %	79.3 %
3	MHT	N42° 52' 06.708", W071° 22' 10.324"	15.0 W	40	L	IFPA	NO	Enabled	10.6 %	8.7 %
4	GDM	N42° 32' 45.315", W072° 03' 29.478"	14.0 W	40	L	IFPA	NO	Enabled	53.8 %	57.4 %
5	BOS	N42° 21' 26.820", W070° 59' 22.374"	16.0 W	130	H	IFPA	NO	Enabled	85.1 %	88.2 %
6	LWM	N42° 44' 25.506", W071° 05' 41.461"	15.0 W	40	L	IFPA	NO	Enabled	55.8 %	59.3 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.2	BOS	MHT				
5.9	MHT	PUT	BOS			
6.0	MHT	PUT	BOS	LWM		
6.3	PUT	LWM				
7.4	PUT	LWM	BOS	PVD		
15.2	GDM	LWM	PVD	PUT	BOS	
27.2	PVD	BOS	GDM	PUT		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 21' 20.218", W071° 00' 49.223"	N42° 19' 44.065", W071° 04' 11.549"	3.1314

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KBOS:RW27:DER	KIRAA	LWM, BOS, MHT, PUT
KIRAA	BLZZR	GDM, LWM, BOS, PUT, PVD

DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

User Data Files

#	File Name
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None

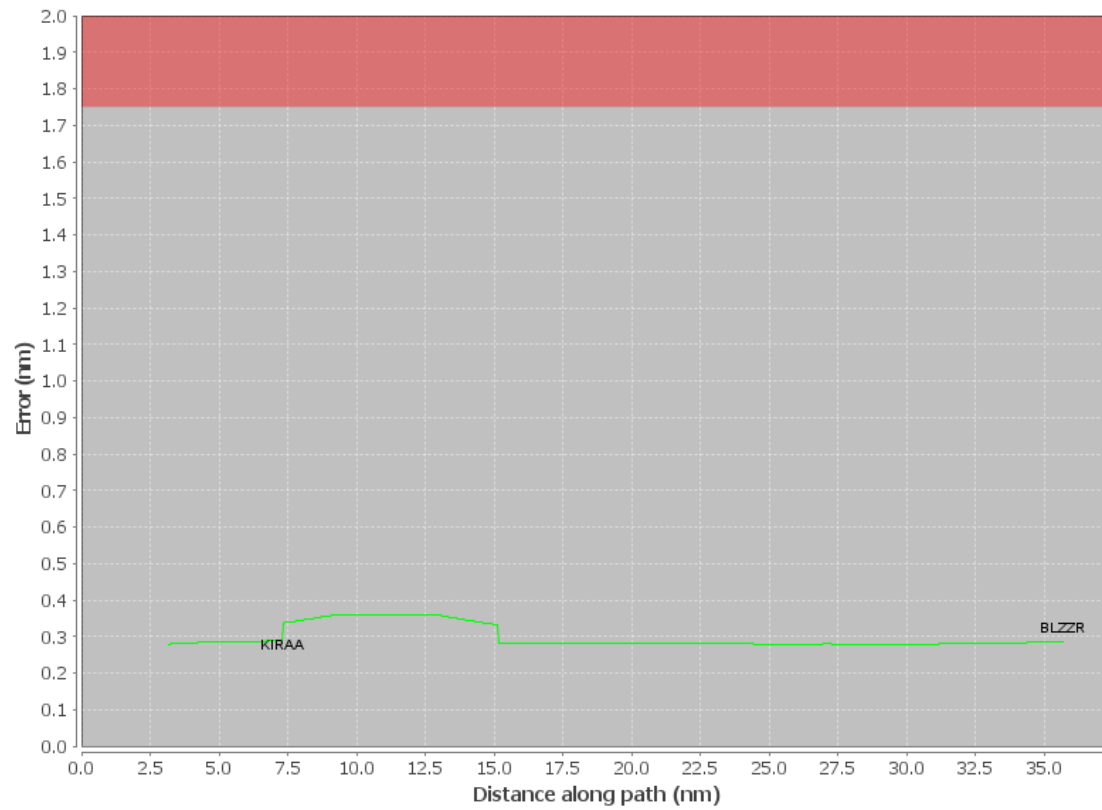
User DMEs

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

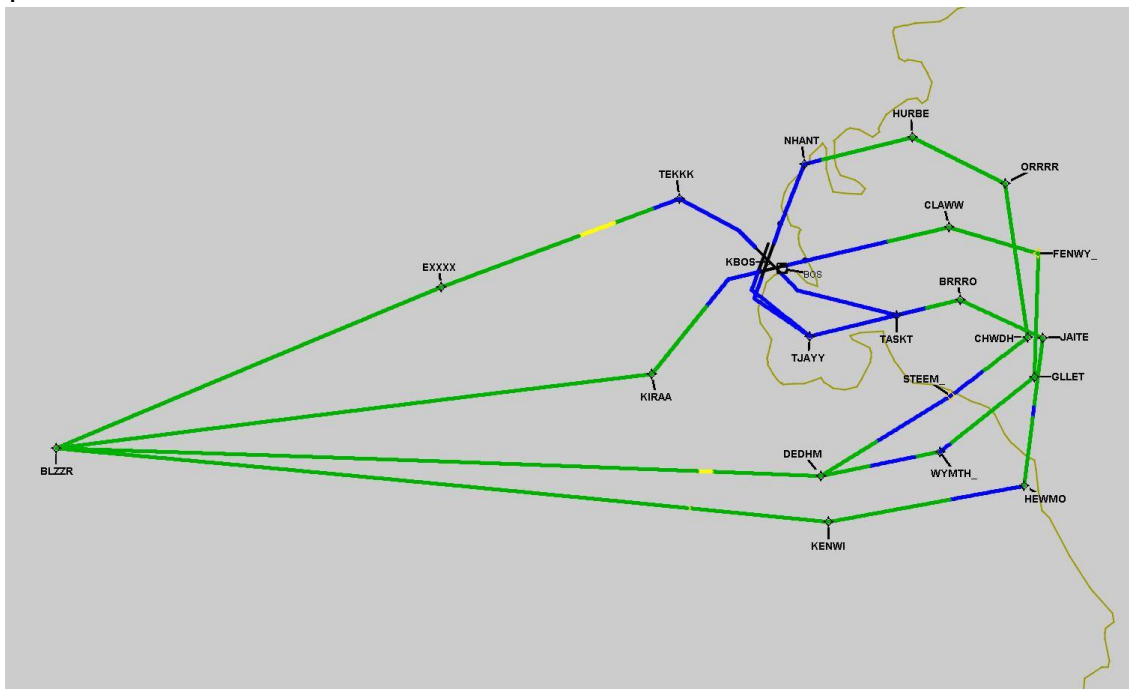
DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

DME Error



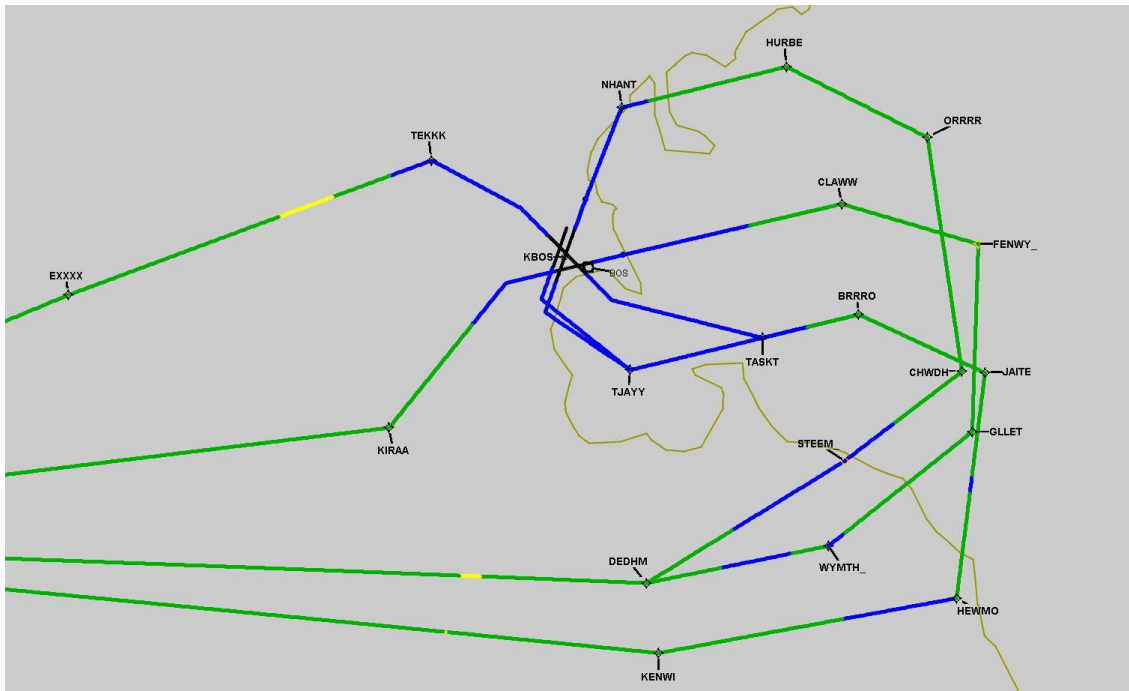
DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

Graphic Depiction 1



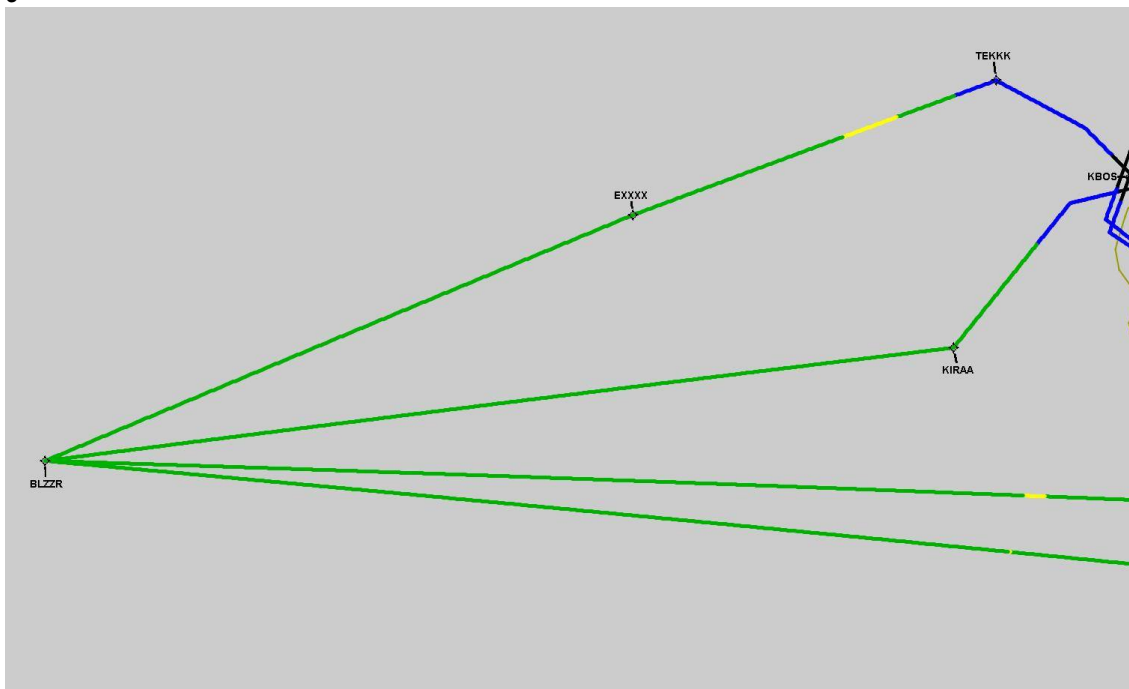
DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW27:DER_BLZZR

Graphic Depiction 3



DME DME Assessment Results for BLZZR5 path KBOS:RW33L:DER_BLZZR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS BLZZR5 (RNAV) SID DME 1.11.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KBOS SIDs DME\KBOS BLZZR SID DME\KBOS [IFPA] BLZZR5 20210111_0708 EST\KBOS-RW33L-DER_BLZZR\KBOS BLZZR5 SID KBOS RW33L BLZZR 20210111_0708 EST.pdf
Procedure Name:	BLZZR5
Software: DmeDmePlugin:	6.2.0
Date/Time:	01/11/2021 07:08 EST
Databases:	DTED 0max

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KBOS:RW33L:DER	WP	N42° 22' 27.375", W071° 01' 04.412"	18.9	VNAV	130	FLY_BY	TF
TEKKK	WP	N42° 24' 45.850", W071° 05' 55.090"	2000	VNAV	200	FLY_BY	TF
EXXXX	WP	N42° 20' 37.080", W071° 21' 04.570"	5000	VNAV	200	FLY_BY	TF
BLZZR	WP	N42° 13' 02.390", W071° 45' 36.590"	9000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL							

Flyability

Flight Type:	SID
Selected Airport:	KBOS [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 ft MSL
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for BLZZR5 path KBOS:RW33L:DER_BLZZR

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:	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	PUT	N41° 57' 19.657", W071° 50' 38.741"	14.0 W	130	H	IFPA	NO	Enabled	76.5 %	79 %
2	PVD	N41° 43' 27.633", W071° 25' 46.708"	14.0 W	130	H	IFPA	NO	Enabled	47 %	48.5 %
3	MHT	N42° 52' 06.708", W071° 22' 10.324"	15.0 W	40	L	IFPA	NO	Enabled	56.4 %	58.2 %
4	GDM	N42° 32' 45.315", W072° 03' 29.478"	14.0 W	40	L	IFPA	NO	Enabled	61 %	62.9 %
5	BOS	N42° 21' 26.820", W070° 59' 22.374"	16.0 W	130	H	IFPA	NO	Enabled	81.7 %	84.3 %
6	LWM	N42° 44' 25.506", W071° 05' 41.461"	15.0 W	40	L	IFPA	NO	Enabled	66.5 %	68.6 %

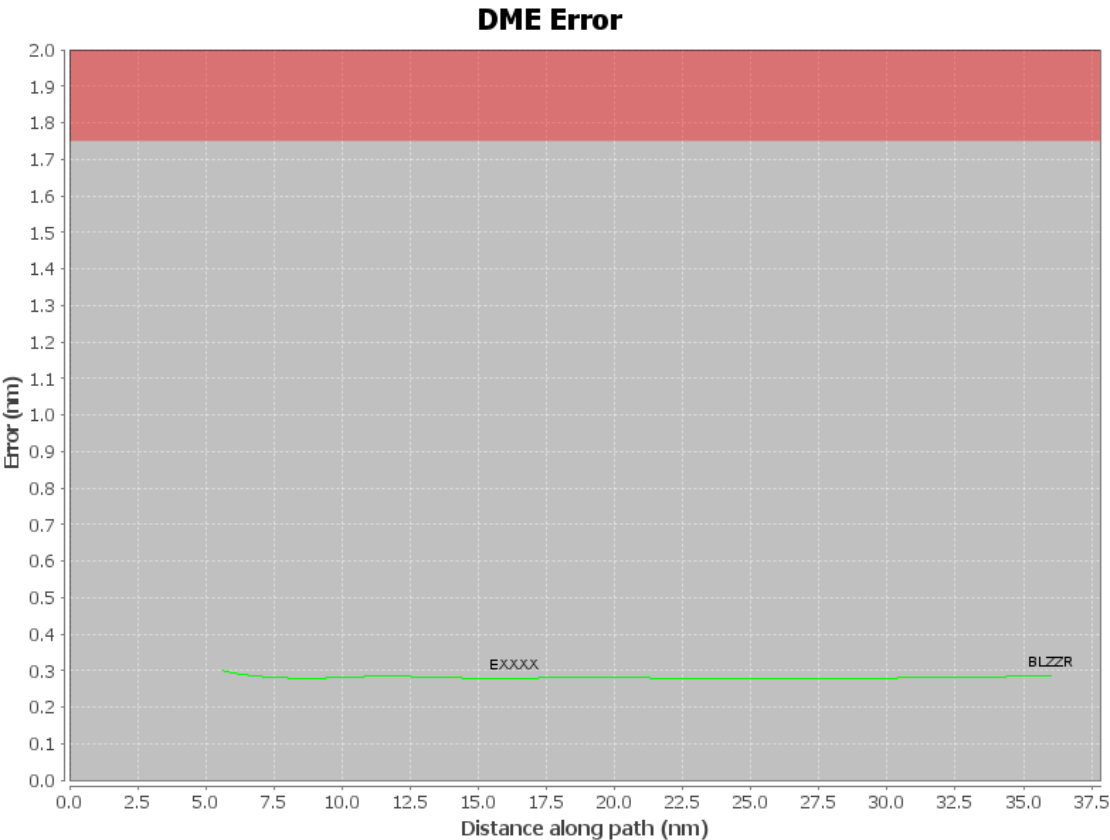
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
5.6	BOS	LWM				
6.0	BOS	LWM	MHT			
7.6	BOS	LWM	MHT	PUT		
8.1	BOS	LWM	GDM	MHT	PUT	
9.4	BOS	LWM	MHT	PUT		
14.5	GDM	LWM	BOS	MHT	PUT	
27.0	GDM	LWM	PVD	BOS	PUT	
30.4	PVD	BOS	GDM	PUT		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 22' 28.898", W071° 01' 06.455"	N42° 24' 18.308", W071° 07' 36.242"	5.5912

DME DME Assessment Results for BLZZR5 path KBOS:RW33L:DER_BLZZR

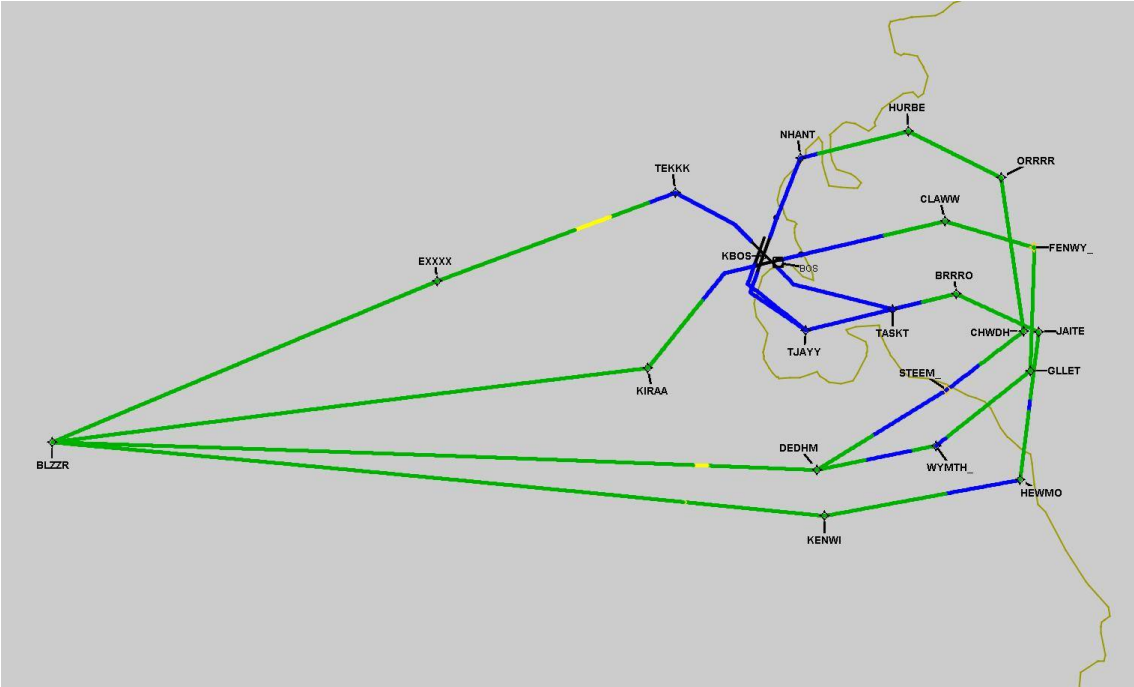
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KBOS:RW33L:DER	TEKKK	
TEKKK	EXXXX	GDM, LWM, BOS, MHT, PUT
EXXXX	BLZZR	GDM, LWM, BOS, MHT, PUT, PVD

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



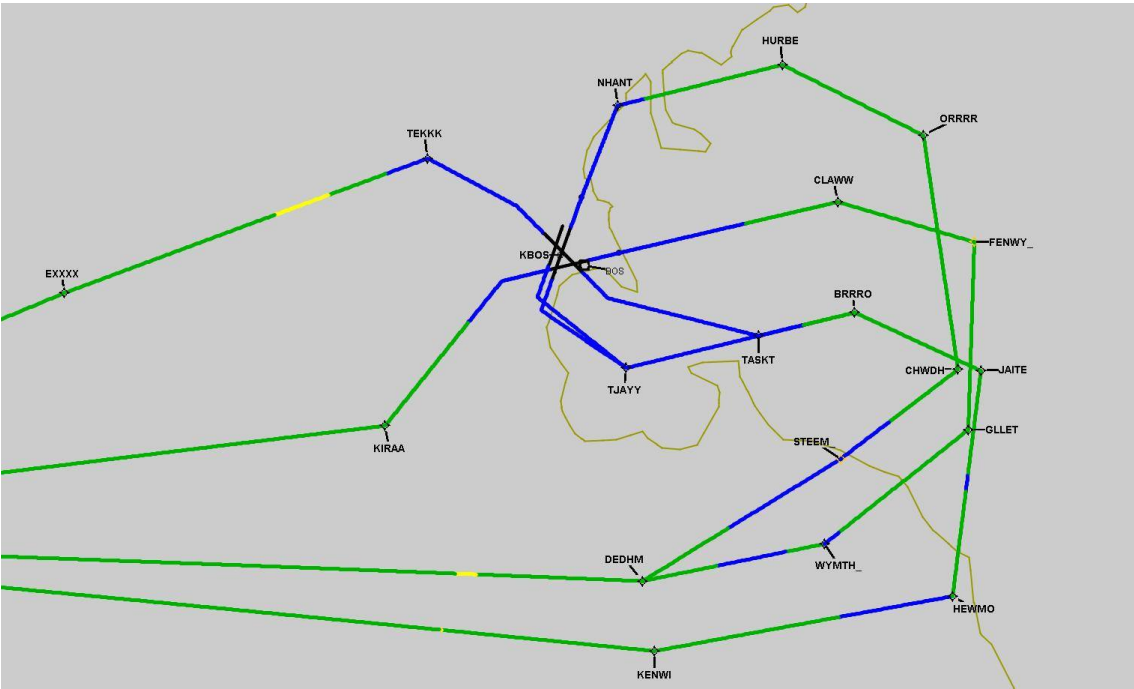
DME DME Assessment Results for BLZZR5 path KBOS:RW33L:DER_BLZZR

Graphic Depiction 1



DME DME Assessment Results for BLZZR5 path KBOS:RW33L:DER_BLZZR

Graphic Depiction 2



DME DME Assessment Results for BLZZR5 path KBOS:RW33L:DER_BLZZR

Graphic Depiction 3

