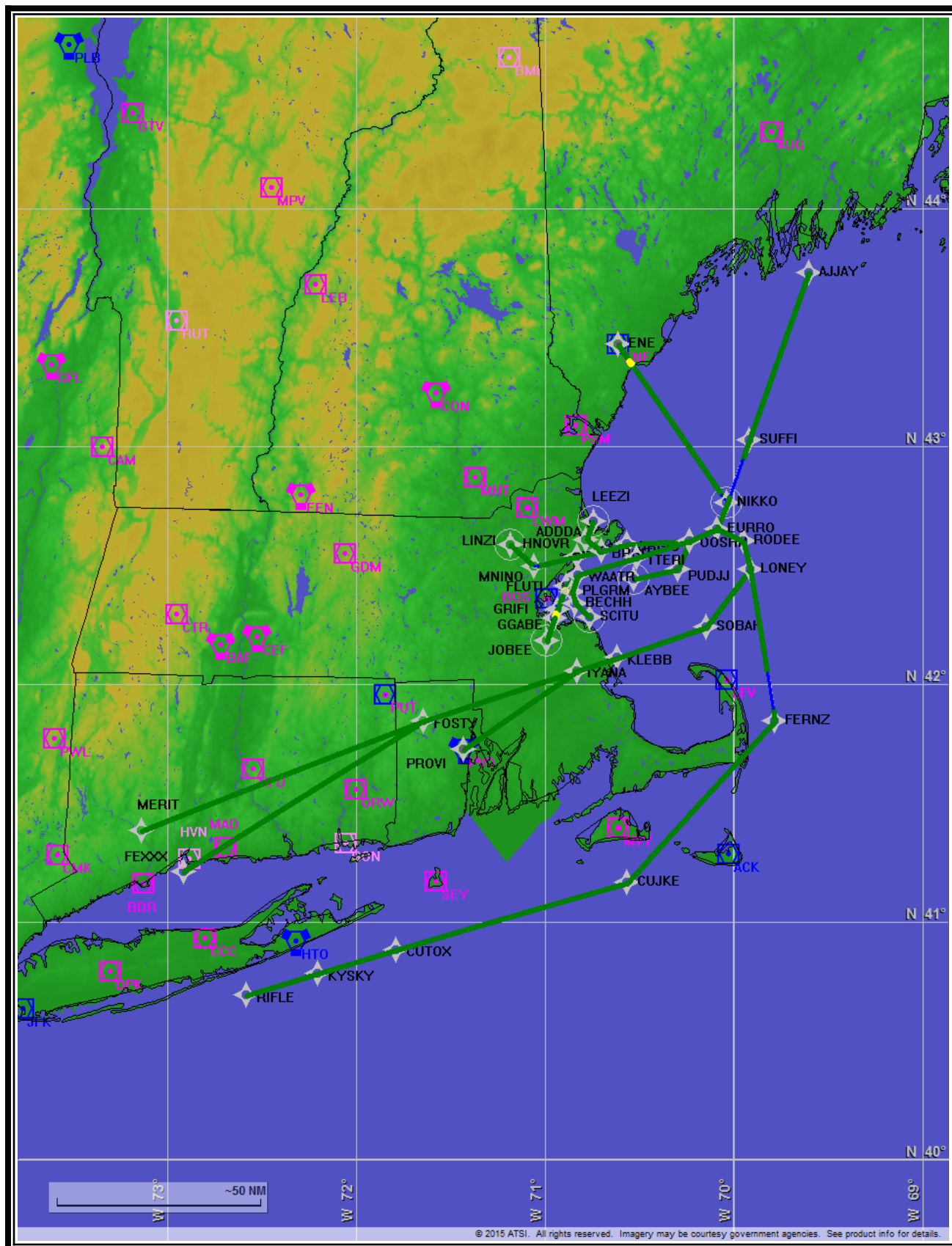


**Name:** MARK SCHOENHOFF  
**Project Name:** KBOS OOSH4 STAR  
**Output File:** KBOS OOSH4 STAR  
 AJJAY JOBEE  
 20150824\_2248  
**Procedure Name:** OOSH4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/24/2015 10:49:37 PM  
**Input File:** KBOS OOSH4 STAR  
 AJJAY JOBEE  
 20150824\_1253.txt  
**Databases:** AIRNAV Date: 8/4/2015  
 CIFP Date: 2/5/2015  
 DTED® (MAX) Date: 2002

## Results Summary:

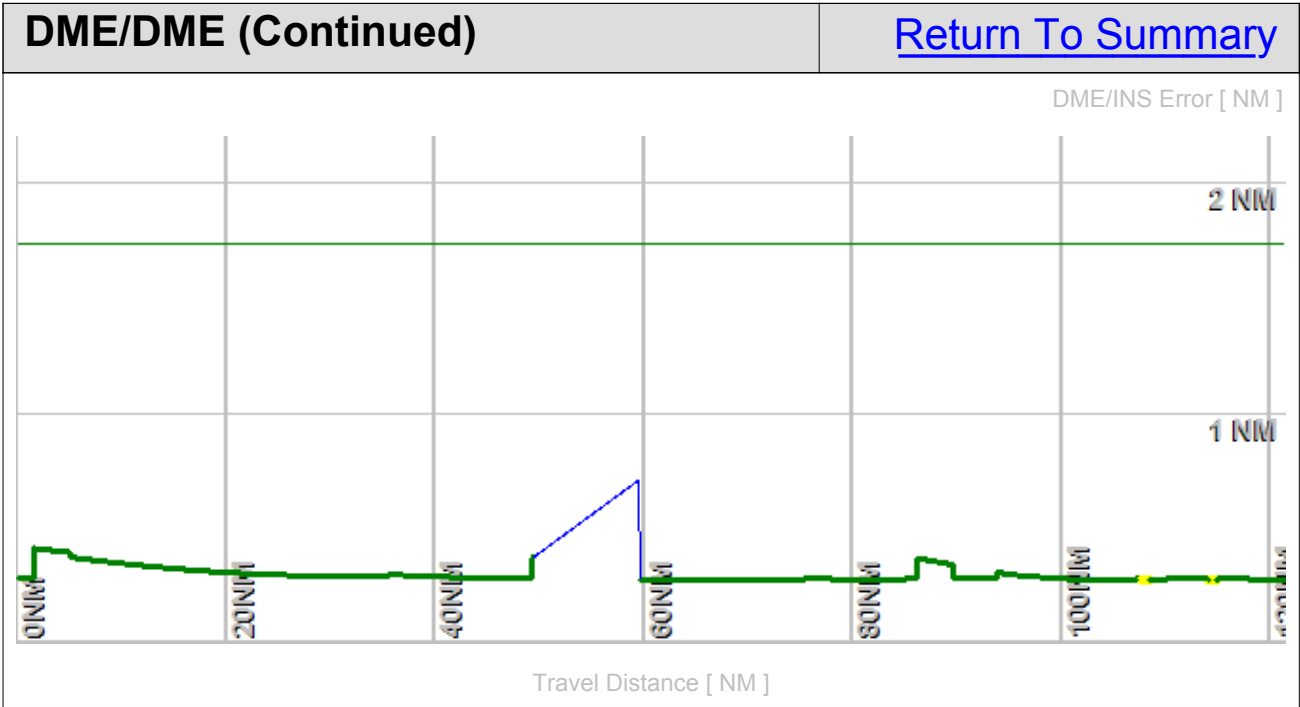
<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
AJJAY	WP	N 43° 43' 40.55" W 69° 36' 8.22"	17000.0	Step	250.0	Fly By	TF
SUFFI	WP	N 43° 1' 29.66" W 69° 55' 1.71"	17000.0	Step	250.0	Fly By	TF
NIKKO	WP	N 42° 45' 37.41" W 70° 2' 1.55"	11000.0	Step	250.0	Fly By	TF
EURRO	WP	N 42° 39' 2.67" W 70° 5' 16.55"	10000.0	Step	250.0	Fly By	TF
OOSHN	WP	N 42° 36' 5.44" W 70° 13' 52.37"	7000.0	Step	250.0	Fly By	TF
TTERI	WP	N 42° 31' 46.46" W 70° 30' 54.94"	6000.0	Step	250.0	Fly By	TF
WAATR	WP	N 42° 27' 28.16" W 70° 49' 31.96"	5000.0	Step	250.0	Fly By	TF
FLUTI	WP	N 42° 24' 44.74" W 70° 53' 11.93"	4000.0	Step	250.0	Fly By	TF
GRIFI	WP	N 42° 18' 42.17" W 70° 56' 5.73"	4000.0	Step	250.0	Fly By	TF
GGABE	WP	N 42° 16' 29.28" W 70° 57' 3.28"	4000.0	Step	220.0	Fly By	TF
JOBEE	WP	N 42° 10' 41.96" W 70° 59' 32.15"	4000.0	Step	210.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Arrival <b>Selected Airport:</b> KBOS <b>Aircraft Category:</b> Cat D <b>Climb Gradient:</b> <i>None assigned</i> <b>Ground Speeds:</b> Table: <b>200.0 Kts</b> up to <b>11000.0 ft</b> <b>240.0 Kts</b> up to <b>18000.0 ft</b> <b>260.0 Kts</b> up to <b>24000.0 ft</b> <b>340.0 Kts</b> up to <b>99900.0 ft</b>  <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
	Entire track is fly-able	

DME/DME	<a href="#">Return To Summary</a>
<b>Settings:</b>	<p> <b>RNP:</b> 2.0  <b>Flight Mode:</b> Manual  <b>Line of Sight (DTED Level 0 Max):</b> Evaluated  <b>DME Restrictions:</b> Evaluated  <b>Inertial Drift:</b> Enabled              <b>Initial Drift:</b> 0.558 NM              <b>INS Drift Rate:</b> 8.000 NM/Hour  <b>Range Mode:</b> OSV  <b>Co-Frequencies:</b> Evaluated  <b>RNP Edges:</b> Evaluated  <b>Min DME Range:</b> 3.0 NM  <b>Allowed Gap Length:</b> 4.0 NM  <b>DME Types:</b> VOR/DME, VORTAC, and User  <b>DME Include Angles:</b> 30 to 150  <b>Critical DMEs:</b> Allowed  <b>DoD Facilities:</b> Not included  <b>Foreign Facilities:</b> Not included  <b>Low &amp; Terminal DMEs:</b> Included  <b>Flight Check DMEs:</b> Selected  <b>Higher Altitudes:</b> Evaluated  <b>Near Maximum Altitude:</b> Evaluated         </p>
<p><b>Total Number of DMEs Used:</b> 10</p> <p>Maximum DME Error: 0.710 NM.</p> <p>No Critical DMEs were found.</p> <p><b>Available DMEs:</b> ENE, AUG, BGR, BOS, LFV, PVD, LWM, PSM, PUT, MHT, MVY</p> <p><b>Foreign DMEs within range:</b> VLV, YFC, YJN, YQB, YQI, YSC, YSJ, YUL</p>	



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H + <a href="#">ESV</a>	User	NO	0.878	Enabled	52.1%	54.8%
2	AUG	N 44° 19' 12.07" W 69° 47' 47.63" 18 W	L	Database	NO	0.710	Enabled	1.2%	1.3%
3	BGR	N 44° 50' 30.46" W 68° 52' 26.28" 19 W	H	Database	NO	0.710	Enabled	2.6%	2.9%
4	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H + <a href="#">ESV</a>	User	NO	0.624	Enabled	31.9%	33.5%
5	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H + <a href="#">ESV</a>	User	NO	0.789	Enabled	49.4%	47.3%
6	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L + <a href="#">ESV</a>	User	NO	0.710	Enabled	16.3%	14.9%
7	PSM	N 43° 5' 4.06" W 70° 49' 55.15" 16 W	L	Database	NO	0.710	Enabled	3.8%	3.5%
8	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H + <a href="#">ESV</a>	User	NO	0.710	Enabled	17.3%	15.8%
9	MHT	N 42° 52' 6.71" W 71° 22' 10.32" 15 W	L	Database	NO	0.710	Enabled	4.4%	4.0%
10	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L + <a href="#">ESV</a>	User	NO	0.710	Enabled	5.8%	5.3%
	Total Coverage							92.3%	91.6%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		ENE	AUG	BGR	BOS	LFV			
44.3		ENE	PVD	BOS	LFV				
60.9		ENE	PVD	LWM	BOS	LFV			
67.3		ENE	PVD	LWM	BOS	LFV			
74.7		ENE	PVD	LWM	BOS	LFV			
88.2		PSM	PUT	LWM	BOS	MHT			
102.2		MVY	PUT	LWM	BOS	MHT			
106.0		MVY	PUT	LWM	BOS	MHT			
112.8		MVY	PUT	LWM	BOS				

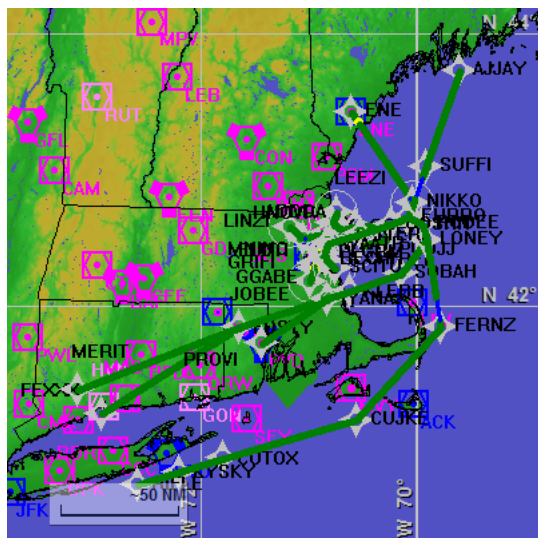
DME/DME (Continued)					<a href="#">Return To Summary</a>	
<b><i>Flight Check DME Selection (Continued)</i></b>						
Distance [NM]		Selected DMEs				Alternate
115.3		MVY	PUT	LWM	BOS	PVD
<b><i>Inertial Drift Segments</i></b>						
#	Start Location			End Location		Length [NM]
1	N 42° 56' 42.17" W 69° 57' 8.82"			N 42° 47' 3.64" W 70° 1' 23.71"		10.1
<div>VOR: PSM</div> <div>Available from N 42° 56' 42.17" W 69° 57' 8.82" to N 42° 47' 3.64" W 70° 1' 23.71"</div>						



Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
AJJAY	SUFFI	LFV, BOS, ENE, AUG, and BGR
SUFFI	NIKKO	PVD, LFV, BOS, and ENE
NIKKO	EURRO	LWM, PVD, LFV, BOS, and ENE
EURRO	OOSHN	LWM, PVD, LFV, BOS, and ENE
OOSHN	TTERI	LWM, PVD, LFV, BOS, and ENE
TTERI	WAATR	LWM, BOS, PUT, MHT, and PSM
WAATR	FLUTI	LWM, BOS, PUT, MVY, and MHT
FLUTI	GRIFI	LWM, BOS, PUT, MVY, and MHT
GRIFI	GGABE	LWM, BOS, PUT, and MVY
GGABE	JOBEE	LWM, PVD, BOS, PUT, and MVY

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KBOS OOSH4N STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L	59.1	114.50	MVY	Used
		ESV:	Bearing [True]: 310.0° to 15.0° Bearing [Mag]: 325.0° to 30.0°		Arc Distance: Out to 66.0 NM Altitude: 3000.0 to 18000.0 Ft.		
2	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H	650.0	117.40	PUT	Used
		ESV:	Bearing [True]: 45.0° to 105.0° Bearing [Mag]: 59.0° to 119.0°		Arc Distance: Out to 65.0 NM Altitude: 3000.0 to 18000.0 Ft.		
3	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H	192.2	117.10	ENE	Used
		Restriction:	Bearing [True]: 251.0° to 261.0° Bearing [Mag]: 268.0° to 278.0°		Distance: Beyond 30.0 NM Altitude: Below 4600.0 Ft.		
		Restriction:	Bearing [True]: 13.0° to 167.0° Bearing [Mag]: 30.0° to 184.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 168.0° to 213.0° Bearing [Mag]: 185.0° to 230.0°		Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 143.0° to 166.0° Bearing [Mag]: 160.0° to 183.0°		Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 16000.0 Ft.		
4	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H	20.0	112.70	BOS	Used
		Restriction:	Bearing [True]: 45.0° to 88.0° Bearing [Mag]: 61.0° to 104.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 255.0° to 44.0° Bearing [Mag]: 271.0° to 60.0°		Distance: Beyond 25.0 NM Altitude: Below 3500.0 Ft.		
		ESV:	Bearing [True]: 47.0° to 122.0° Bearing [Mag]: 63.0° to 138.0°		Arc Distance: Out to 64.0 NM Altitude: 6300.0 to 16000.0 Ft.		
5	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H	150.8	114.70	LFV	Used
		ESV:	Bearing [True]: 330.0° to 1.0° Bearing [Mag]: 346.0° to 17.0°		Arc Distance: Out to 95.0 NM Altitude: 6000.0 to 18000.0 Ft.		

User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H	49.2	115.60	PVD	Not Used
Restriction:		Bearing [True]: 181.0° to 205.0° Bearing [Mag]: 195.0° to 219.0°			Distance: Beyond 30.0 NM Altitude: Below 2500.0 Ft.		
Restriction:		Bearing [True]: 227.0° to 296.0° Bearing [Mag]: 241.0° to 310.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 322.0° to 180.0° Bearing [Mag]: 336.0° to 194.0°			Distance: Beyond 30.0 NM Altitude: Below 2000.0 Ft.		
Restriction:		Bearing [True]: 206.0° to 226.0° Bearing [Mag]: 220.0° to 240.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 297.0° to 321.0° Bearing [Mag]: 311.0° to 335.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
ESV:		Bearing [True]: 40.0° to 66.0° Bearing [Mag]: 54.0° to 80.0°			Arc Distance: Out to 89.0 NM Altitude: 6800.0 to 16000.0 Ft.		
7	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L	302.2	112.50	LWM	Used
Restriction:		Bearing [True]: 145.0° to 180.0° Bearing [Mag]: 160.0° to 195.0°			Distance: Beyond 23.0 NM Altitude: Below 2500.0 Ft.		
ESV:		Bearing [True]: 25.0° to 195.0° Bearing [Mag]: 40.0° to 210.0°			Arc Distance: Out to 50.0 NM Altitude: 4000.0 to 17000.0 Ft.		



**Name:** MARK SCHOENHOFF  
**Project Name:** KBOS OOSH4 STAR  
**Output File:** KBOS OOSH4 STAR  
 ENE NIKKO  
 20150824\_2248  
**Procedure Name:** OOSH4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/24/2015 10:48:43 PM  
**Input File:** KBOS OOSH4 STAR  
 ENE NIKKO  
 20150824\_1256.txt  
**Databases:** AIRNAV Date: 8/4/2015  
 CIFP Date: 2/5/2015  
 DTED® (MAX) Date: 2002

## Results Summary:

**Flyability**



**DME/DME**



No Critical DMEs Exist

**Radars**

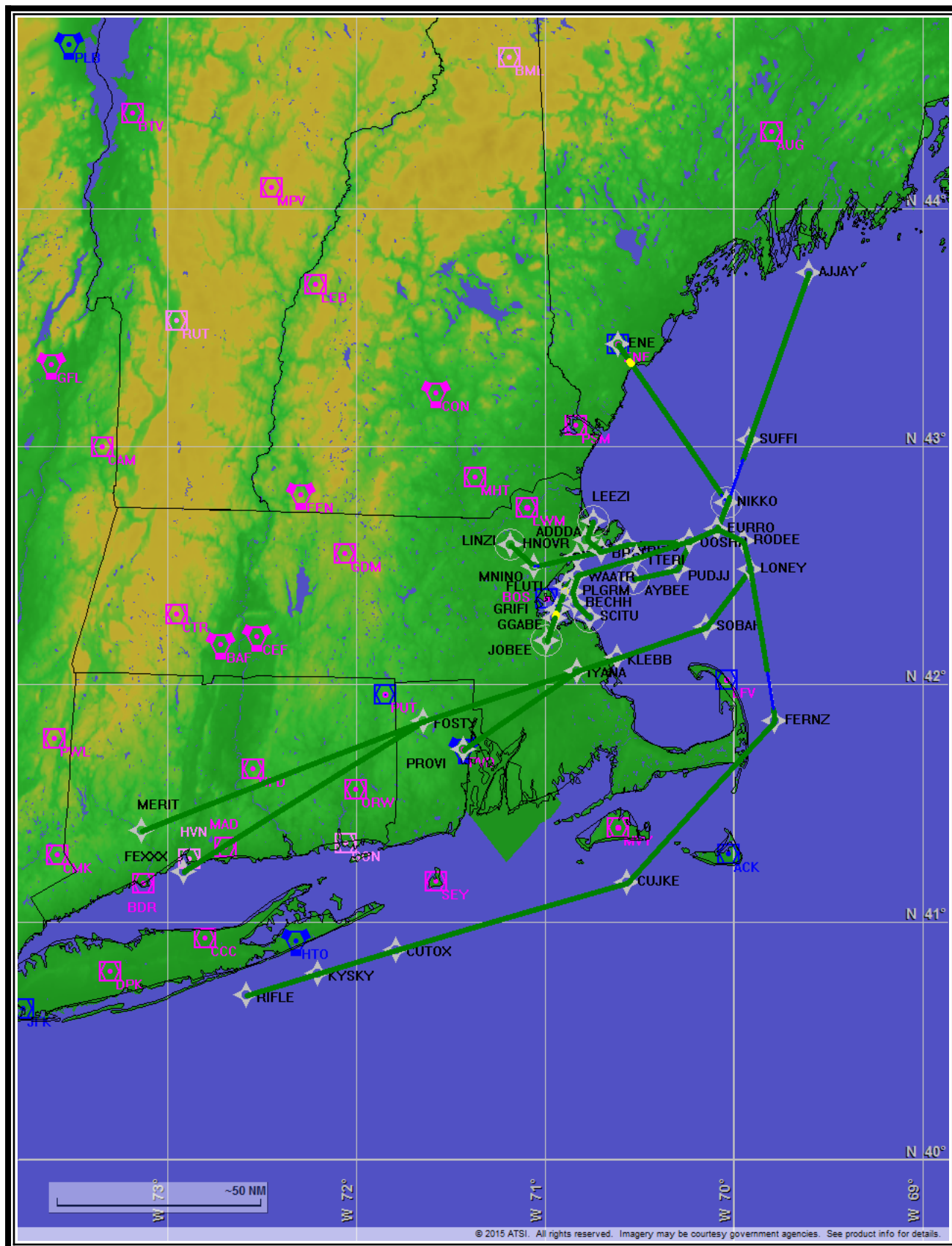


**Comms**



**TERPS**





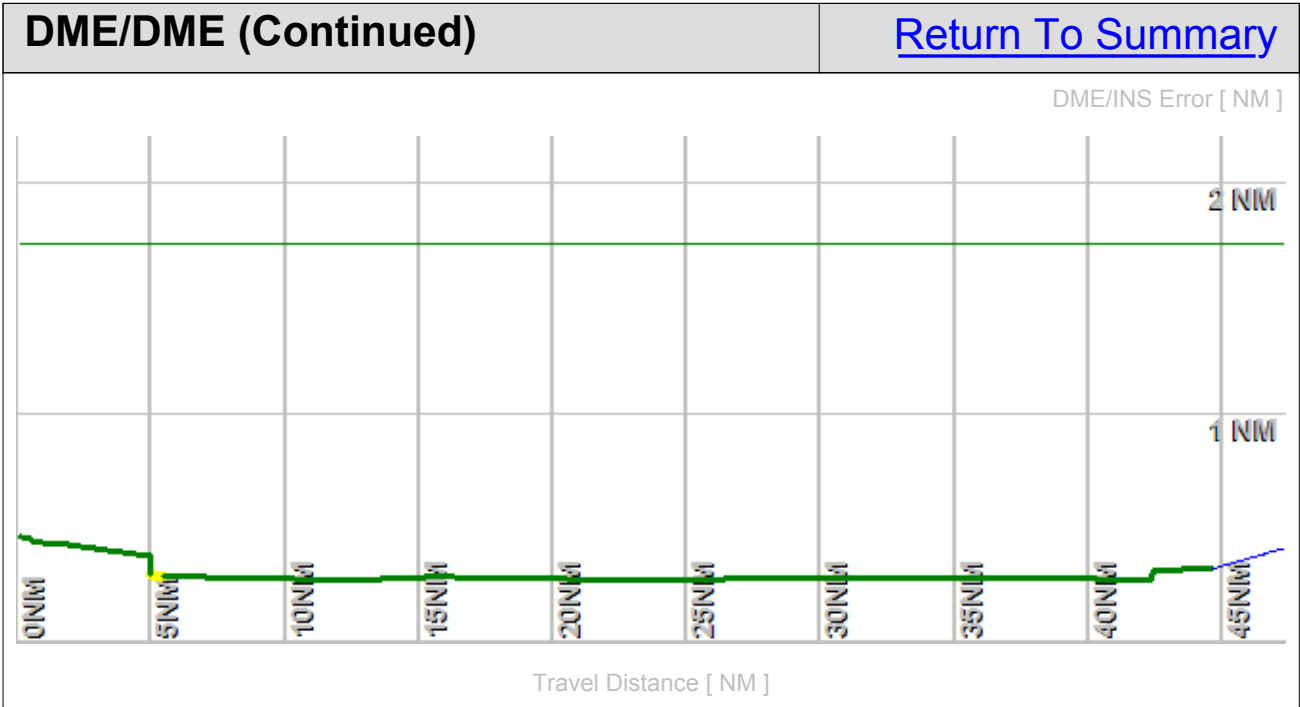
Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
ENE	WP	N 43° 25' 32.42" W 70° 36' 48.69"	11000.0	Step	250.0	Fly By	TF
NIKKO	WP	N 42° 45' 37.41" W 70° 2' 1.55"	11000.0	Step	250.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Arrival	
	<b>Selected Airport:</b> KBOS	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> <i>None assigned</i>	
	<b>Ground Speeds:</b>	
	Table:	
	200.0 Kts up to 11000.0 ft	
	240.0 Kts up to 18000.0 ft	
	260.0 Kts up to 24000.0 ft	
	340.0 Kts up to 99900.0 ft	
	<b>Wind Settings:</b> <i>None assigned</i>	
	<b>Descent During a Turn:</b> Allowed	
	<b>VNAV Mode:</b> Flight Plan	
Entire track is fly-able		



DME/DME		<a href="#">Return To Summary</a>
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max): Evaluated	
	DME Restrictions: Evaluated	
	Inertial Drift: Enabled	
	Initial Drift: 0.558 NM	
	INS Drift Rate: 8.000 NM/Hour	
	Range Mode: OSV	
	Co-Frequencies: Evaluated	
	RNP Edges: Evaluated	
	Min DME Range: 3.0 NM	
	Allowed Gap Length: 4.0 NM	
	DME Types: VOR/DME, VORTAC, and User	
	DME Include Angles: 30 to 150	
	Critical DMEs: Allowed	
DoD Facilities: Not included		
Foreign Facilities: Not included		
Low & Terminal DMEs: Included		
Flight Check DMEs: Selected		
Higher Altitudes: Evaluated		
Near Maximum Altitude: Evaluated		
Total Number of DMEs Used: 5		
Maximum DME Error: 0.465 NM.		
No Critical DMEs were found.		
Available DMEs: LFV, PSM, LWM, ENE, BOS		
Foreign DMEs within range: VLV, YFC, YJN, YQB, YQI, YSC, YSJ, YUL		



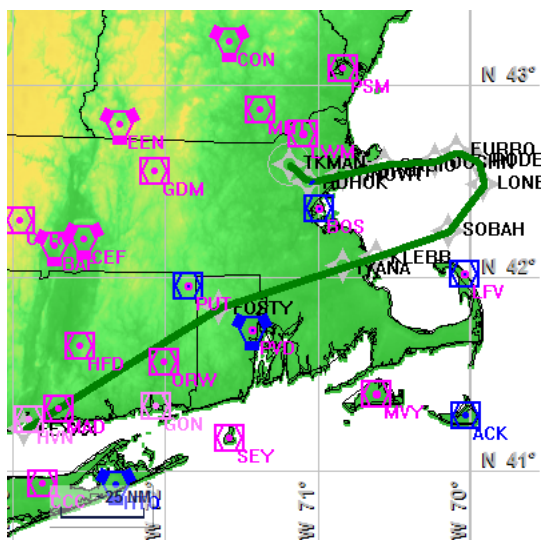


DME/DME (Continued)						<a href="#">Return To Summary</a>			
<b>DMEs Used</b>									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H + <a href="#">ESV</a>	User	NO	0.738	Enabled	44.4%	44.4%
2	PSM	N 43° 5' 4.06" W 70° 49' 55.15" 16 W	L	Database	NO	0.574	Enabled	44.8%	44.8%
3	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L + <a href="#">ESV</a>	User	NO	0.465	Enabled	49.4%	49.4%
4	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H + <a href="#">ESV</a>	User	NO	0.465	Enabled	45.2%	45.2%
5	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H + <a href="#">ESV</a>	User	NO	0.465	Enabled	4.6%	4.6%
	Total Coverage							94.2%	94.2%
<b>Flight Check DME Selection</b>									
Distance [NM]		Selected DMEs						Alternate	
0.0		LFV	PSM	LWM	ENE	BOS			
<b>Inertial Drift Segments</b>									
#	Start Location			End Location			Length [NM]		
1	N 42° 47' 53.35" W 70° 3' 58.51"			N 42° 45' 38.17" W 70° 2' 2.20"			2.7		
<div>VOR: PSM</div> <div>Available from N 42° 47' 53.35" W 70° 3' 58.51" to N 42° 45' 51.69" W 70° 2' 13.82"</div>									

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
ENE	NIKKO	LWM, LFV, BOS, ENE, and PSM

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KBOS OOSH4N STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L	59.1	114.50	MVY	Not Used
		ESV:	Bearing [True]: 310.0° to 15.0° Bearing [Mag]: 325.0° to 30.0°		Arc Distance: Out to 66.0 NM Altitude: 3000.0 to 18000.0 Ft.		
2	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H	650.0	117.40	PUT	Not Used
		ESV:	Bearing [True]: 45.0° to 105.0° Bearing [Mag]: 59.0° to 119.0°		Arc Distance: Out to 65.0 NM Altitude: 3000.0 to 18000.0 Ft.		
3	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H	192.2	117.10	ENE	Used
		Restriction:	Bearing [True]: 251.0° to 261.0° Bearing [Mag]: 268.0° to 278.0°		Distance: Beyond 30.0 NM Altitude: Below 4600.0 Ft.		
		Restriction:	Bearing [True]: 13.0° to 167.0° Bearing [Mag]: 30.0° to 184.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 168.0° to 213.0° Bearing [Mag]: 185.0° to 230.0°		Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 143.0° to 166.0° Bearing [Mag]: 160.0° to 183.0°		Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 16000.0 Ft.		
4	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H	20.0	112.70	BOS	Used
		Restriction:	Bearing [True]: 45.0° to 88.0° Bearing [Mag]: 61.0° to 104.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 255.0° to 44.0° Bearing [Mag]: 271.0° to 60.0°		Distance: Beyond 25.0 NM Altitude: Below 3500.0 Ft.		
		ESV:	Bearing [True]: 47.0° to 122.0° Bearing [Mag]: 63.0° to 138.0°		Arc Distance: Out to 64.0 NM Altitude: 6300.0 to 16000.0 Ft.		
5	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H	150.8	114.70	LFV	Used
		ESV:	Bearing [True]: 330.0° to 1.0° Bearing [Mag]: 346.0° to 17.0°		Arc Distance: Out to 95.0 NM Altitude: 6000.0 to 18000.0 Ft.		

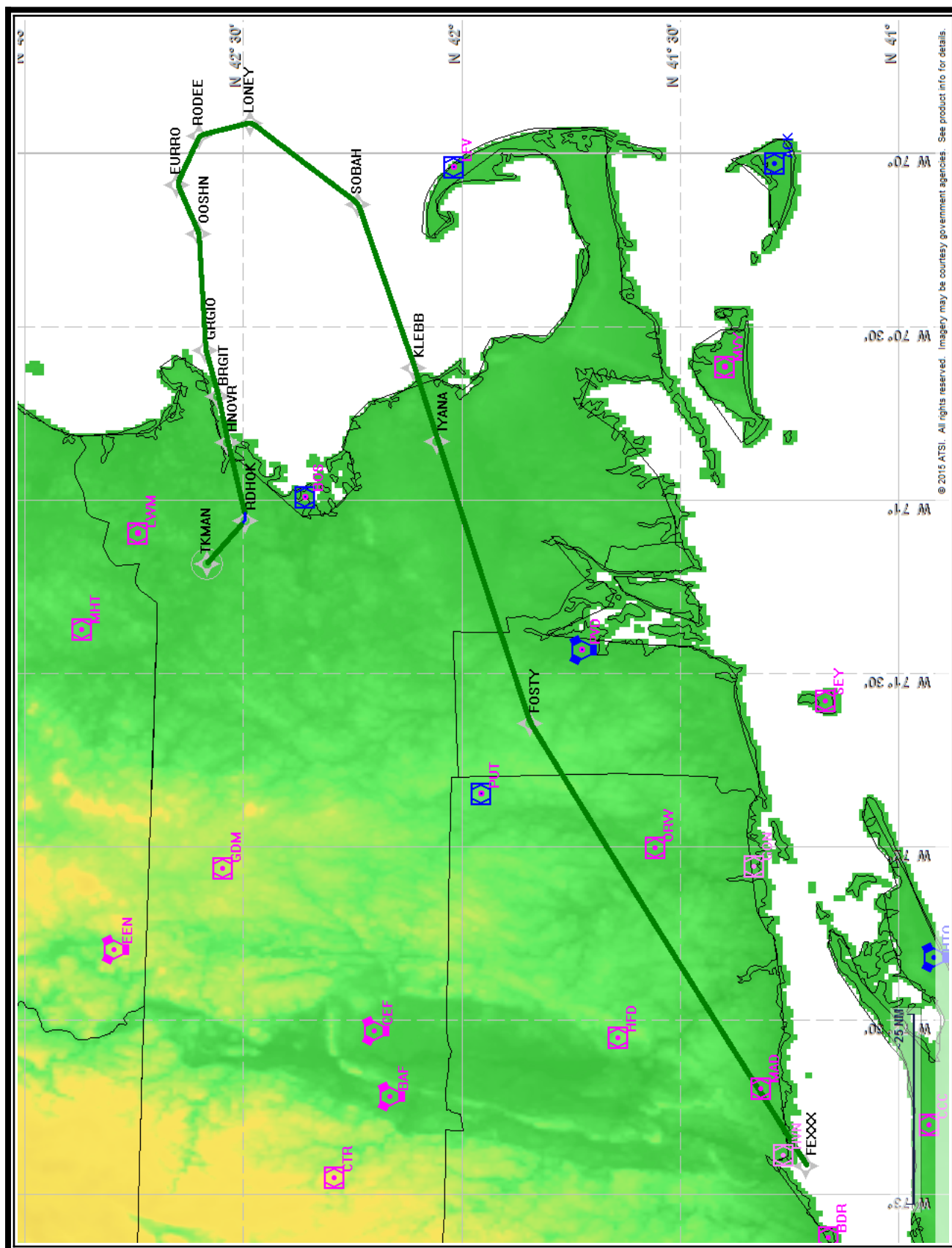
User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H	49.2	115.60	PVD	Not Used
Restriction:		Bearing [True]: 181.0° to 205.0° Bearing [Mag]: 195.0° to 219.0°			Distance: Beyond 30.0 NM Altitude: Below 2500.0 Ft.		
Restriction:		Bearing [True]: 227.0° to 296.0° Bearing [Mag]: 241.0° to 310.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 322.0° to 180.0° Bearing [Mag]: 336.0° to 194.0°			Distance: Beyond 30.0 NM Altitude: Below 2000.0 Ft.		
Restriction:		Bearing [True]: 206.0° to 226.0° Bearing [Mag]: 220.0° to 240.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 297.0° to 321.0° Bearing [Mag]: 311.0° to 335.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
ESV:		Bearing [True]: 40.0° to 66.0° Bearing [Mag]: 54.0° to 80.0°			Arc Distance: Out to 89.0 NM Altitude: 6800.0 to 16000.0 Ft.		
7	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L	302.2	112.50	LWM	Used
Restriction:		Bearing [True]: 145.0° to 180.0° Bearing [Mag]: 160.0° to 195.0°			Distance: Beyond 23.0 NM Altitude: Below 2500.0 Ft.		
ESV:		Bearing [True]: 25.0° to 195.0° Bearing [Mag]: 40.0° to 210.0°			Arc Distance: Out to 50.0 NM Altitude: 4000.0 to 17000.0 Ft.		



**Name:** DENNIS OSTERHAGE  
**Project Name:** KBOS OOSH4 STAR  
**Output File:** KBOS OOSH4 STAR  
 FEXXX TKMAN  
 20151104\_0834  
**Procedure Name:** OOSH4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 11/4/2015 8:35:50 AM  
**Input File:** KBOS OOSH4 STAR  
 FEXXX TKMAN  
 20151104\_0814.txt  
**Databases:** AIRNAV Date: 10/14/2015  
 CIFP Date: 9/18/2015  
 DTED® (MAX) Date: 2002

## Results Summary:

<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	

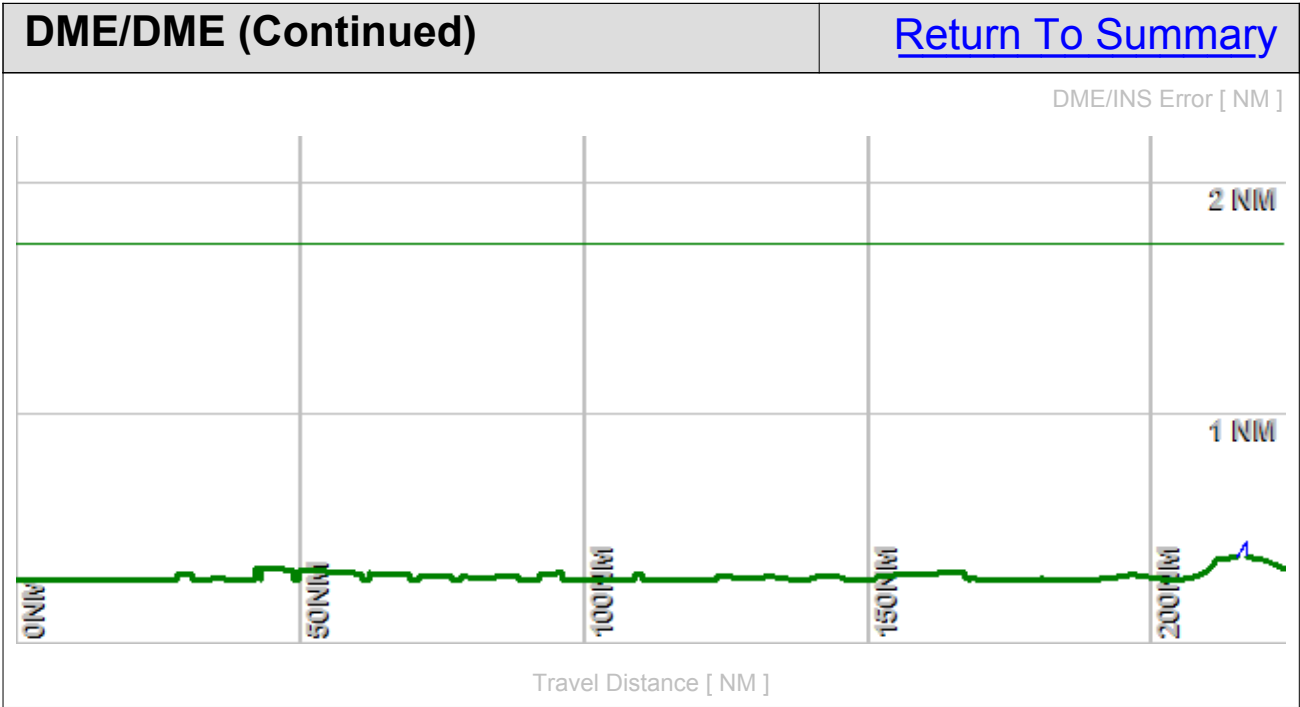


Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
FEXXX	WP	N 41° 12' 39.54" W 72° 54' 59.76"	17000.0	Step	250.0	Fly By	TF
FOSTY	WP	N 41° 50' 35.46" W 71° 38' 31.34"	17000.0	Step	210.0	Fly By	TF
IYANA	WP	N 42° 3' 16.48" W 70° 49' 40.68"	17000.0	Step	210.0	Fly By	TF
KLEBB	WP	N 42° 6' 30.28" W 70° 36' 58.08"	15000.0	Step	210.0	Fly By	TF
SOBAH	WP	N 42° 14' 14.45" W 70° 8' 43.28"	15000.0	Step	210.0	Fly By	TF
LONEY	WP	N 42° 28' 55.22" W 69° 54' 42.21"	10000.0	Step	180.0	Fly By	TF
RODEE	WP	N 42° 35' 58.22" W 69° 56' 54.94"	10000.0	Step	180.0	Fly By	TF
EURRO	WP	N 42° 39' 2.67" W 70° 5' 16.55"	10000.0	Step	180.0	Fly By	TF
OOSH4	WP	N 42° 36' 5.44" W 70° 13' 52.37"	7000.0	Step	250.0	Fly By	TF
GRGIO	WP	N 42° 35' 9.36" W 70° 33' 54.40"	6000.0	Step	180.0	Fly By	TF
BRGIT	WP	N 42° 33' 25.12" W 70° 41' 52.30"	6000.0	Step	180.0	Fly By	TF
HNOVR	WP	N 42° 32' 7.43" W 70° 49' 47.85"	4000.0	Step	220.0	Fly By	TF
RDHOK	WP	N 42° 29' 36.10" W 71° 3' 20.94"	4000.0	Step	210.0	Fly By	TF
TKMAN	WP	N 42° 34' 54.97" W 71° 10' 51.19"	4000.0	Step	210.0	Fly Over	TF



Flyability		<a href="#">Return To Summary</a>
<b>Settings:</b>	<b>Flight Type:</b> Arrival <b>Selected Airport:</b> KBOS <b>Aircraft Category:</b> Cat D <b>Climb Gradient:</b> <i>None assigned</i> <b>Ground Speeds:</b> Table: <b>200.0 Kts</b> up to <b>11000.0 ft</b> <b>240.0 Kts</b> up to <b>18000.0 ft</b> <b>260.0 Kts</b> up to <b>24000.0 ft</b> <b>340.0 Kts</b> up to <b>99900.0 ft</b> <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
Entire track is fly-able		

DME/DME	<a href="#">Return To Summary</a>
<b>Settings:</b>	<p> <b>RNP:</b> 2.0  <b>Flight Mode:</b> Manual  <b>Line of Sight (DTED Level 0 Max):</b> Evaluated  <b>DME Restrictions:</b> Evaluated  <b>Inertial Drift:</b> Enabled              <b>Initial Drift:</b> 0.558 NM              <b>INS Drift Rate:</b> 8.000 NM/Hour  <b>Range Mode:</b> OSV  <b>Co-Frequencies:</b> Evaluated  <b>RNP Edges:</b> Evaluated  <b>Min DME Range:</b> 3.0 NM  <b>Allowed Gap Length:</b> 4.0 NM  <b>DME Types:</b> VOR/DME, VORTAC, and User  <b>DME Include Angles:</b> 30 to 150  <b>Critical DMEs:</b> Allowed  <b>DoD Facilities:</b> Not included  <b>Foreign Facilities:</b> Not included  <b>Low &amp; Terminal DMEs:</b> Included  <b>Flight Check DMEs:</b> Selected  <b>Higher Altitudes:</b> Evaluated  <b>Near Maximum Altitude:</b> Evaluated         </p>
<p><b>Total Number of DMEs Used:</b> 15</p> <p>Maximum DME Error: 0.446 NM.</p> <p>No Critical DMEs were found.</p> <p><b>Available DMEs:</b> PUT, PVD, BDR, CCC, CMK, DPK, HFD, HTO, HUO, JFK, MAD, RBV, SAX, ORW, BOS, LFV, ACK, SEY, ENE, MVY, LWM, PSM, MHT</p> <p><b>Foreign DMEs within range:</b> YJN, YSC, VLV, YQI, YSJ, YUL</p>	



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	HFD	N 41° 38' 27.98" W 72° 32' 50.70" 13 W	L	Database	NO	0.446	Enabled	6.7%	7.2%
2	HTO	N 40° 55' 8.38" W 72° 19' 0.14" 13 W	H	Database	NO	0.894	Enabled	27.8%	29.6%
3	DPK	N 40° 47' 30.02" W 73° 18' 14.43" 12 W	L	Database	NO	0.446	Enabled	2.0%	2.1%
4	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H + <a href="#">ESV</a>	User	NO	0.446	Enabled	9.5%	10.1%
5	JFK	N 40° 37' 58.40" W 73° 46' 17.00" 12 W	H	Database	NO	0.446	Enabled	2.7%	2.8%
6	BDR	N 41° 9' 38.50" W 73° 7' 28.19" 12 W	L	Database	NO	0.446	Enabled	2.7%	2.9%
7	ORW	N 41° 33' 23.05" W 71° 59' 57.67" 14 W	L	Database	NO	0.446	Enabled	6.4%	6.8%
8	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H + <a href="#">ESV</a>	User	NO	0.446	Enabled	31.1%	28.6%
9	ACK	N 41° 16' 54.79" W 70° 1' 36.16" 15 W	H	Database	NO	0.446	Enabled	27.2%	29.0%
10	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H + <a href="#">ESV</a>	User	NO	0.446	Enabled	12.4%	12.2%
11	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H + <a href="#">ESV</a>	User	NO	0.536	Enabled	26.5%	26.9%
12	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L + <a href="#">ESV</a>	User	NO	0.446	Enabled	7.2%	7.3%
13	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H + <a href="#">ESV</a>	User	NO	0.446	Enabled	18.0%	16.6%
14	PSM	N 43° 5' 4.06" W 70° 49' 55.15" 16 W	L	Database	NO	0.724	Enabled	9.3%	8.2%
15	MHT	N 42° 52' 6.71" W 71° 22' 10.32" 15 W	L	Database	NO	0.717	Enabled	9.1%	8.1%
	Total Coverage							99.1%	99.2%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		DPK	HTO	PUT	JFK	HFD	SAX		
10.1		BDR	HTO	ORW	JFK	HFD	CCC		

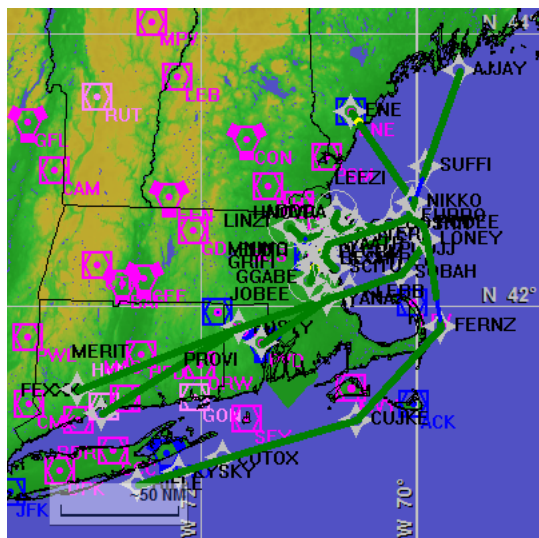
DME/DME (Continued)					<a href="#">Return To Summary</a>	
Flight Check DME Selection (Continued)						
Distance [NM]	Selected DMEs					Alternate
29.9	PUT	HTO	ORW	BOS	HFD	PVD
40.1	PUT	HTO	ORW	ACK	HFD	MAD
51.7	PUT	HTO	LFV	ACK	HFD	BOS
68.3	BOS	HTO	LFV	ACK	PVD	PUT
96.3	BOS	PUT	LWM	ACK	PVD	HTO
107.4	ENE	LFV	LWM	ACK	PVD	PUT
117.3	ENE	PUT	LWM	ACK	PVD	LFV
128.7	ENE	BOS	LFV	ACK	PVD	
138.9	ENE	BOS	LFV	ACK	PVD	
157.0	ENE	BOS	LFV	PVD		
164.1	ENE	BOS	LFV	LWM	PVD	
170.9	ENE	BOS	LFV	LWM	PVD	
178.1	ENE	BOS	LFV	LWM	PSM	PVD
193.0	PUT	BOS	MHT	LWM	PSM	
199.4	PUT	BOS	MHT	LWM	PSM	
205.5	BOS	MHT	LWM	PSM		
215.0	BOS	MHT	LWM	PSM		
Inertial Drift Segments						
#	Start Location		End Location			Length [NM]
1	N 42° 29' 49.38" W 71° 2' 10.19"		N 42° 30' 13.39" W 71° 4' 14.08"			1.7
VOR: PSM		Available from N 42° 29' 49.38" W 71° 2' 10.19" to N 42° 30' 13.39" W 71° 4' 14.08"				
VOR: BOS		Available from N 42° 29' 49.38" W 71° 2' 10.19" to N 42° 30' 13.39" W 71° 4' 14.08"				
VOR: LWM		Available from N 42° 29' 49.38" W 71° 2' 10.19" to N 42° 30' 13.39" W 71° 4' 14.08"				
VOR: MHT		Available from N 42° 29' 49.38" W 71° 2' 10.19" to N 42° 30' 13.39" W 71° 4' 14.08"				

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
FEXXX	FOSTY	LFV, BOS, PUT, ACK, BDR, DPK, HFD, HTO, JFK, ORW, PVD*, CCC*, CMK*, HUO*, MAD*, RBV*, SAX*, and SEY*
FOSTY	IYANA	LWM, PVD, LFV, BOS, PUT, ACK, HTO, ENE*, MVY*, and ORW*
IYANA	KLEBB	LWM, PVD, LFV, ENE, ACK, BOS*, PUT*, MVY*, and HTO*
KLEBB	SOBAH	LWM, PVD, LFV, BOS, ENE, PUT, ACK, and MVY*
SOBAH	LONEY	PVD, LFV, BOS, ENE, and ACK
LONEY	RODEE	PVD, LFV, BOS, and ENE
RODEE	EURRO	LWM, PVD, LFV, BOS, and ENE
EURRO	OOSHN	LWM, PVD, LFV, BOS, and ENE
OOSHN	GRGIO	LWM, LFV, BOS, ENE, PSM, and PVD*
GRGIO	BRGIT	LWM, BOS, PUT, MHT, and PSM
BRGIT	HNOVR	LWM, BOS, PUT, MHT, and PSM
HNOVR	RDHOK	LWM, BOS, MHT, and PSM
RDHOK	TKMAN	LWM, BOS, MHT, and PSM

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	UserDMEs_KBOS OOSH4 STAR FEXXX LINZI 20150824_2248.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L	59.1	114.50	MVY	Not Used
		ESV:	Bearing [True]: 310.0° to 15.0° Bearing [Mag]: 325.0° to 30.0°		Arc Distance: Out to 66.0 NM Altitude: 3000.0 to 18000.0 Ft.		
2	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H	650.0	117.40	PUT	Used
		ESV:	Bearing [True]: 45.0° to 105.0° Bearing [Mag]: 59.0° to 119.0°		Arc Distance: Out to 65.0 NM Altitude: 3000.0 to 18000.0 Ft.		
3	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H	192.2	117.10	ENE	Used
		Restriction:	Bearing [True]: 251.0° to 261.0° Bearing [Mag]: 268.0° to 278.0°		Distance: Beyond 30.0 NM Altitude: Below 4600.0 Ft.		
		Restriction:	Bearing [True]: 13.0° to 167.0° Bearing [Mag]: 30.0° to 184.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 168.0° to 213.0° Bearing [Mag]: 185.0° to 230.0°		Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 143.0° to 166.0° Bearing [Mag]: 160.0° to 183.0°		Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 16000.0 Ft.		
4	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H	20.0	112.70	BOS	Used
		Restriction:	Bearing [True]: 45.0° to 88.0° Bearing [Mag]: 61.0° to 104.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 255.0° to 44.0° Bearing [Mag]: 271.0° to 60.0°		Distance: Beyond 25.0 NM Altitude: Below 3500.0 Ft.		
		ESV:	Bearing [True]: 47.0° to 122.0° Bearing [Mag]: 63.0° to 138.0°		Arc Distance: Out to 64.0 NM Altitude: 6300.0 to 16000.0 Ft.		
5	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H	150.8	114.70	LFV	Used
		ESV:	Bearing [True]: 330.0° to 1.0° Bearing [Mag]: 346.0° to 17.0°		Arc Distance: Out to 95.0 NM Altitude: 6000.0 to 18000.0 Ft.		

User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H	49.2	115.60	PVD	Used
Restriction:		Bearing [True]: 181.0° to 205.0° Bearing [Mag]: 195.0° to 219.0°			Distance: Beyond 30.0 NM Altitude: Below 2500.0 Ft.		
Restriction:		Bearing [True]: 227.0° to 296.0° Bearing [Mag]: 241.0° to 310.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 322.0° to 180.0° Bearing [Mag]: 336.0° to 194.0°			Distance: Beyond 30.0 NM Altitude: Below 2000.0 Ft.		
Restriction:		Bearing [True]: 206.0° to 226.0° Bearing [Mag]: 220.0° to 240.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 297.0° to 321.0° Bearing [Mag]: 311.0° to 335.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
ESV:		Bearing [True]: 40.0° to 66.0° Bearing [Mag]: 54.0° to 80.0°			Arc Distance: Out to 89.0 NM Altitude: 6800.0 to 16000.0 Ft.		
7	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L	302.2	112.50	LWM	Used
Restriction:		Bearing [True]: 145.0° to 180.0° Bearing [Mag]: 160.0° to 195.0°			Distance: Beyond 23.0 NM Altitude: Below 2500.0 Ft.		
ESV:		Bearing [True]: 25.0° to 195.0° Bearing [Mag]: 40.0° to 210.0°			Arc Distance: Out to 50.0 NM Altitude: 4000.0 to 17000.0 Ft.		

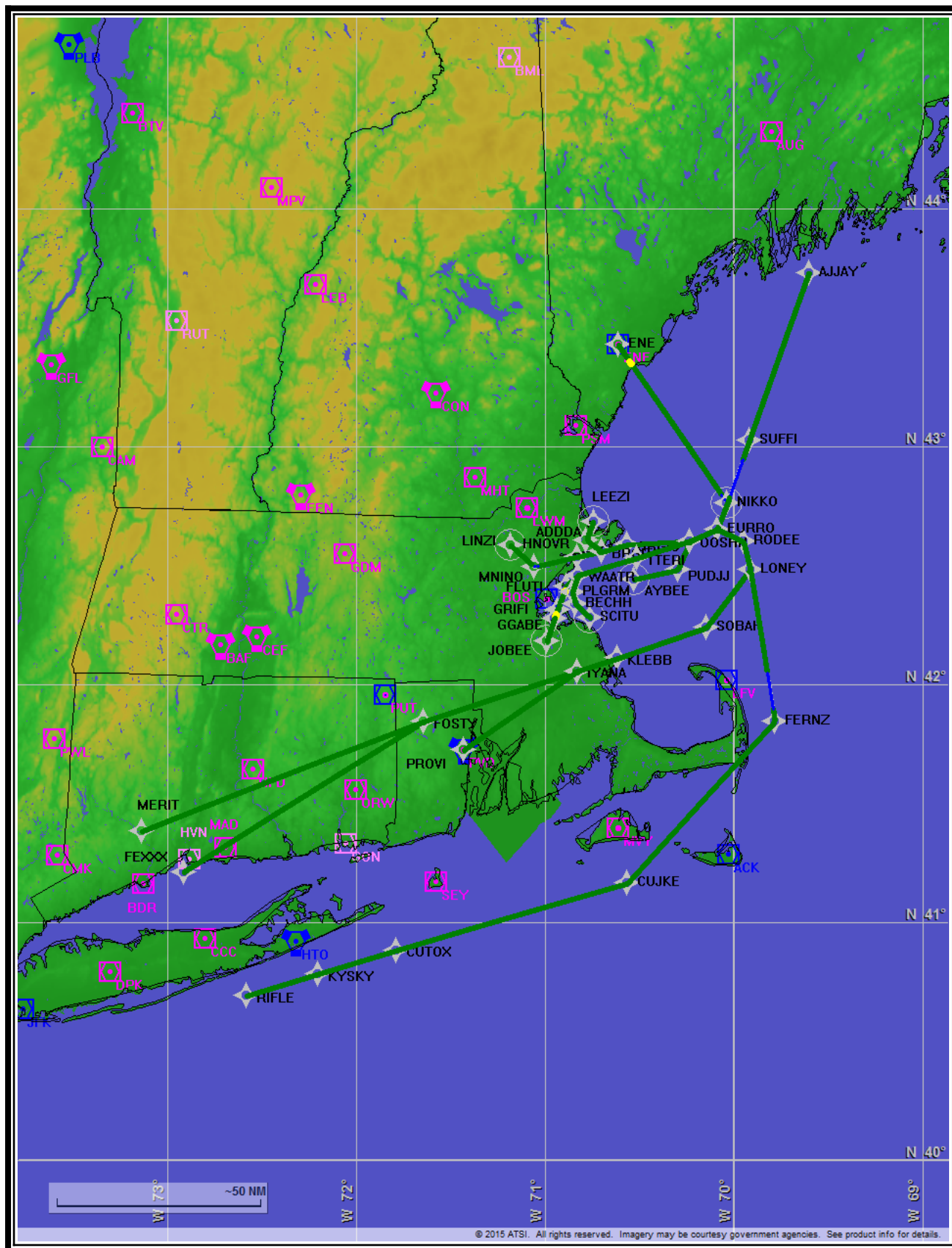




**Name:** MARK SCHOENHOFF  
**Project Name:** KBOS OOSH4 STAR  
**Output File:** KBOS OOSH4 STAR  
 MERIT AYBEE  
 20150824\_2248  
**Procedure Name:** OOSH4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/24/2015 10:52:06 PM  
**Input File:** KBOS OOSH4 STAR  
 MERIT AYBEE  
 20150824\_1304.txt  
**Databases:** AIRNAV Date: 8/4/2015  
 CIFP Date: 2/5/2015  
 DTED® (MAX) Date: 2002

## Results Summary:

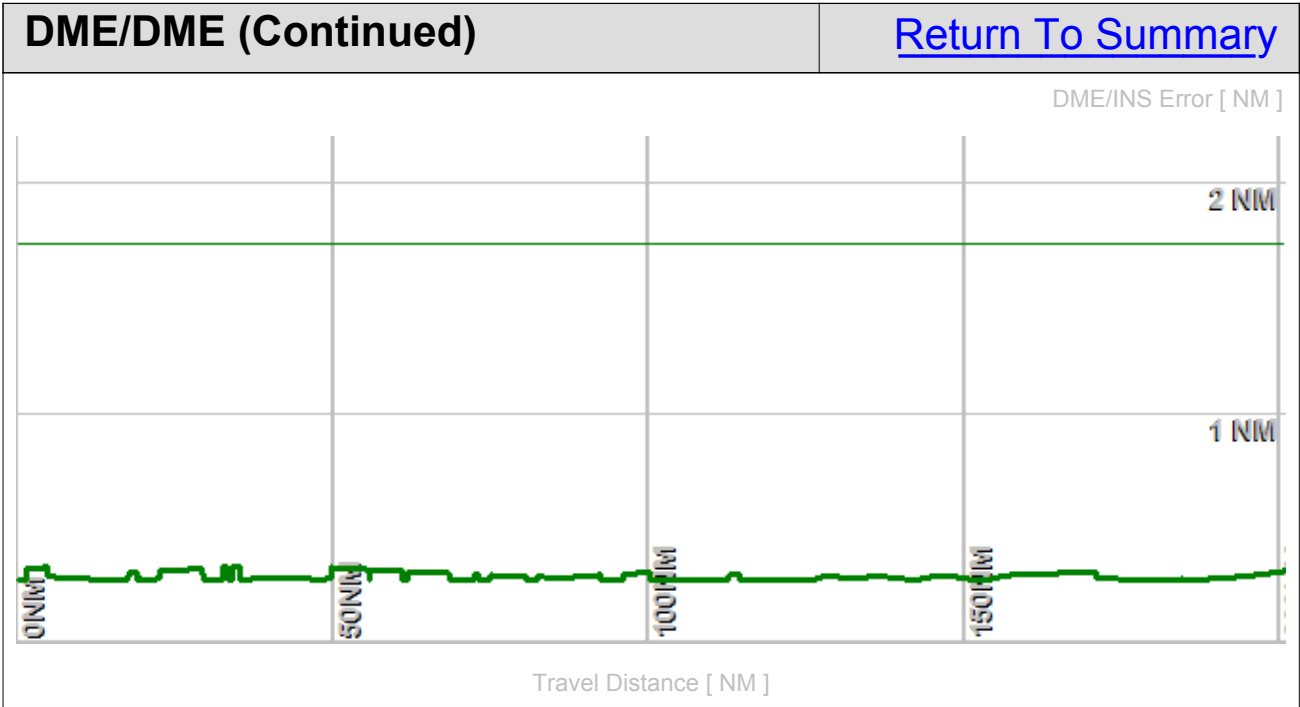
<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
MERIT	WP	N 41° 22' 55.02" W 73° 8' 14.75"	17000.0	Step	250.0	Fly By	TF
FOSTY	WP	N 41° 50' 35.46" W 71° 38' 31.34"	17000.0	Step	250.0	Fly By	TF
IYANA	WP	N 42° 3' 16.48" W 70° 49' 40.68"	17000.0	Step	250.0	Fly By	TF
KLEBB	WP	N 42° 6' 30.28" W 70° 36' 58.08"	15000.0	Step	250.0	Fly By	TF
SOBAH	WP	N 42° 14' 14.45" W 70° 8' 43.28"	15000.0	Step	250.0	Fly By	TF
LONEY	WP	N 42° 28' 55.22" W 69° 54' 42.21"	10000.0	Step	250.0	Fly By	TF
RODEE	WP	N 42° 35' 58.22" W 69° 56' 54.94"	10000.0	Step	250.0	Fly By	TF
EURRO	WP	N 42° 39' 2.67" W 70° 5' 16.55"	10000.0	Step	250.0	Fly By	TF
OOSH4	WP	N 42° 36' 5.44" W 70° 13' 52.37"	7000.0	Step	250.0	Fly By	TF
PUDJJ	WP	N 42° 28' 48.58" W 70° 17' 48.68"	4000.0	Step	250.0	Fly By	TF
AYBEE	WP	N 42° 26' 26.01" W 70° 31' 40.48"	4000.0	Step	210.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Arrival	
	<b>Selected Airport:</b> KBOS	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> <i>None assigned</i>	
	<b>Ground Speeds:</b>	
	Table:	
	200.0 Kts up to 11000.0 ft	
	240.0 Kts up to 18000.0 ft	
	260.0 Kts up to 24000.0 ft	
	340.0 Kts up to 99900.0 ft	
	<b>Wind Settings:</b> <i>None assigned</i>	
	<b>Descent During a Turn:</b> Allowed	
	<b>VNAV Mode:</b> Flight Plan	
Entire track is fly-able		

DME/DME	<a href="#">Return To Summary</a>
<b>Settings:</b>	<p> <b>RNP:</b> 2.0  <b>Flight Mode:</b> Manual  <b>Line of Sight (DTED Level 0 Max):</b> Evaluated  <b>DME Restrictions:</b> Evaluated  <b>Inertial Drift:</b> Enabled              <b>Initial Drift:</b> 0.558 NM              <b>INS Drift Rate:</b> 8.000 NM/Hour  <b>Range Mode:</b> OSV  <b>Co-Frequencies:</b> Evaluated  <b>RNP Edges:</b> Evaluated  <b>Min DME Range:</b> 3.0 NM  <b>Allowed Gap Length:</b> 4.0 NM  <b>DME Types:</b> VOR/DME, VORTAC, and User  <b>DME Include Angles:</b> 30 to 150  <b>Critical DMEs:</b> Allowed  <b>DoD Facilities:</b> Not included  <b>Foreign Facilities:</b> Not included  <b>Low &amp; Terminal DMEs:</b> Included  <b>Flight Check DMEs:</b> Selected  <b>Higher Altitudes:</b> Evaluated  <b>Near Maximum Altitude:</b> Evaluated         </p>
<p><b>Total Number of DMEs Used:</b> 16</p> <p>Maximum DME Error: 0.332 NM.</p> <p>No Critical DMEs were found.</p> <p><b>Available DMEs:</b> PUT, PVD, BDR, CCC, CMK, DPK, HFD, HTO, HUO, IGN, JFK, MAD, PWL, RBV, SAX, BOS, ORW, BAF, LFV, ACK, ENE, MVY, LWM</p> <p><b>Foreign DMEs within range:</b> YJN, YSC, VLV, YQI, YSJ, YUL</p>	



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	CCC	N 40° 55' 46.62" W 72° 47' 55.89" 13 W	L	Database	NO	0.332	Enabled	3.8%	4.0%
2	HFD	N 41° 38' 27.98" W 72° 32' 50.70" 13 W	L	Database	NO	0.332	Enabled	1.7%	1.8%
3	HTO	N 40° 55' 8.38" W 72° 19' 0.14" 13 W	H	Database	NO	0.566	Enabled	30.8%	32.3%
4	RBV	N 40° 12' 8.65" W 74° 29' 42.09" 10 W	H	Database	NO	0.332	Enabled	1.6%	1.7%
5	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H + <a href="#">ESV</a>	User	NO	0.536	Enabled	41.3%	41.7%
6	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H + <a href="#">ESV</a>	User	NO	0.332	Enabled	8.1%	8.5%
7	MAD	N 41° 18' 49.81" W 72° 41' 31.89" 13 W	L	Database	NO	0.332	Enabled	4.9%	5.1%
8	SAX	N 41° 4' 3.16" W 74° 32' 17.93" 11 W	H	Database	NO	0.331	Enabled	4.3%	4.5%
9	ORW	N 41° 33' 23.05" W 71° 59' 57.67" 14 W	L	Database	NO	0.332	Enabled	5.1%	5.3%
10	BAF	N 42° 9' 43.05" W 72° 42' 58.32" 14 W	L	Database	NO	0.331	Enabled	0.3%	0.4%
11	HUO	N 41° 24' 34.87" W 74° 35' 29.74" 11 W	H	Database	NO	0.332	Enabled	0.6%	0.6%
12	ACK	N 41° 16' 54.79" W 70° 1' 36.16" 15 W	H	Database	NO	0.332	Enabled	28.4%	29.7%
13	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H + <a href="#">ESV</a>	User	NO	0.793	Enabled	24.6%	22.5%
14	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H + <a href="#">ESV</a>	User	NO	0.469	Enabled	18.1%	17.0%
15	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L + <a href="#">ESV</a>	User	NO	0.332	Enabled	6.0%	6.3%



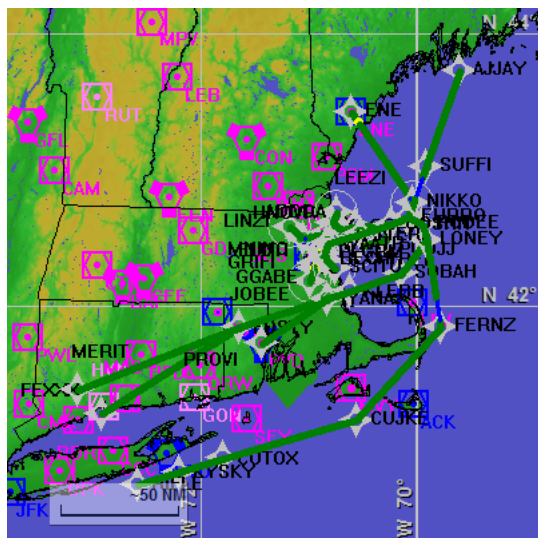
DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used (Continued)									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
16	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H + <a href="#">ESV</a>	User	NO	0.404	Enabled	20.4%	18.6%
	Total Coverage							10.2%	9.3%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		PVD	CCC	HFD	HTO	RBV	BDR		
13.6		ORW	SAX	MAD	HTO	PUT	CCC		
23.7		HUO	SAX	PVD	HTO	BAF	MAD		
35.3		ACK	MAD	PVD	HTO	ORW	PUT		
53.9		ACK	PUT	PVD	HTO	ORW	LFV		
72.6		ACK	BOS	PVD	HTO	LFV	PUT		
100.2		ACK	BOS	PVD	PUT	LWM	HTO		
111.3		ACK	ENE	PVD	LFV	LWM	PUT		
121.2		ACK	ENE	PVD	PUT	LWM	LFV		
132.7		ACK	ENE	PVD	BOS	LFV			
142.9		ACK	ENE	PVD	BOS	LFV			
160.9		ENE	PVD	BOS	LFV				
168.0		LWM	ENE	PVD	BOS	LFV			
174.8		LWM	ENE	PVD	BOS	LFV			
181.9		LWM	ENE	PVD	BOS	LFV			
189.5		LWM	LFV	BOS					



Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
MERIT	FOSTY	PVD, PUT, ACK, BAF, CCC, HFD, HTO, HUO, MAD, ORW, RBV, SAX, LFV*, BOS*, BDR*, CMK*, DPK*, IGN*, JFK*, and PWL*
FOSTY	IYANA	LWM, PVD, LFV, BOS, PUT, ACK, HTO, ENE*, MVY*, and ORW*
IYANA	KLEBB	LWM, PVD, LFV, ENE, ACK, BOS*, PUT*, MVY*, and HTO*
KLEBB	SOBAH	LWM, PVD, LFV, BOS, ENE, PUT, ACK, and MVY*
SOBAH	LONEY	PVD, LFV, BOS, ENE, and ACK
LONEY	RODEE	PVD, LFV, BOS, and ENE
RODEE	EURRO	LWM, PVD, LFV, BOS, and ENE
EURRO	OOSHN	LWM, PVD, LFV, BOS, and ENE
OOSHN	PUDJJ	LWM, PVD, LFV, BOS, and ENE
PUDJJ	AYBEE	LWM, LFV, and BOS

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KBOS OOSH4N STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L	59.1	114.50	MVY	Not Used
		ESV:	Bearing [True]: 310.0° to 15.0° Bearing [Mag]: 325.0° to 30.0°		Arc Distance: Out to 66.0 NM Altitude: 3000.0 to 18000.0 Ft.		
2	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H	650.0	117.40	PUT	Used
		ESV:	Bearing [True]: 45.0° to 105.0° Bearing [Mag]: 59.0° to 119.0°		Arc Distance: Out to 65.0 NM Altitude: 3000.0 to 18000.0 Ft.		
3	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H	192.2	117.10	ENE	Used
		Restriction:	Bearing [True]: 251.0° to 261.0° Bearing [Mag]: 268.0° to 278.0°		Distance: Beyond 30.0 NM Altitude: Below 4600.0 Ft.		
		Restriction:	Bearing [True]: 13.0° to 167.0° Bearing [Mag]: 30.0° to 184.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 168.0° to 213.0° Bearing [Mag]: 185.0° to 230.0°		Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 143.0° to 166.0° Bearing [Mag]: 160.0° to 183.0°		Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 16000.0 Ft.		
4	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H	20.0	112.70	BOS	Used
		Restriction:	Bearing [True]: 45.0° to 88.0° Bearing [Mag]: 61.0° to 104.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 255.0° to 44.0° Bearing [Mag]: 271.0° to 60.0°		Distance: Beyond 25.0 NM Altitude: Below 3500.0 Ft.		
		ESV:	Bearing [True]: 47.0° to 122.0° Bearing [Mag]: 63.0° to 138.0°		Arc Distance: Out to 64.0 NM Altitude: 6300.0 to 16000.0 Ft.		
5	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H	150.8	114.70	LFV	Used
		ESV:	Bearing [True]: 330.0° to 1.0° Bearing [Mag]: 346.0° to 17.0°		Arc Distance: Out to 95.0 NM Altitude: 6000.0 to 18000.0 Ft.		

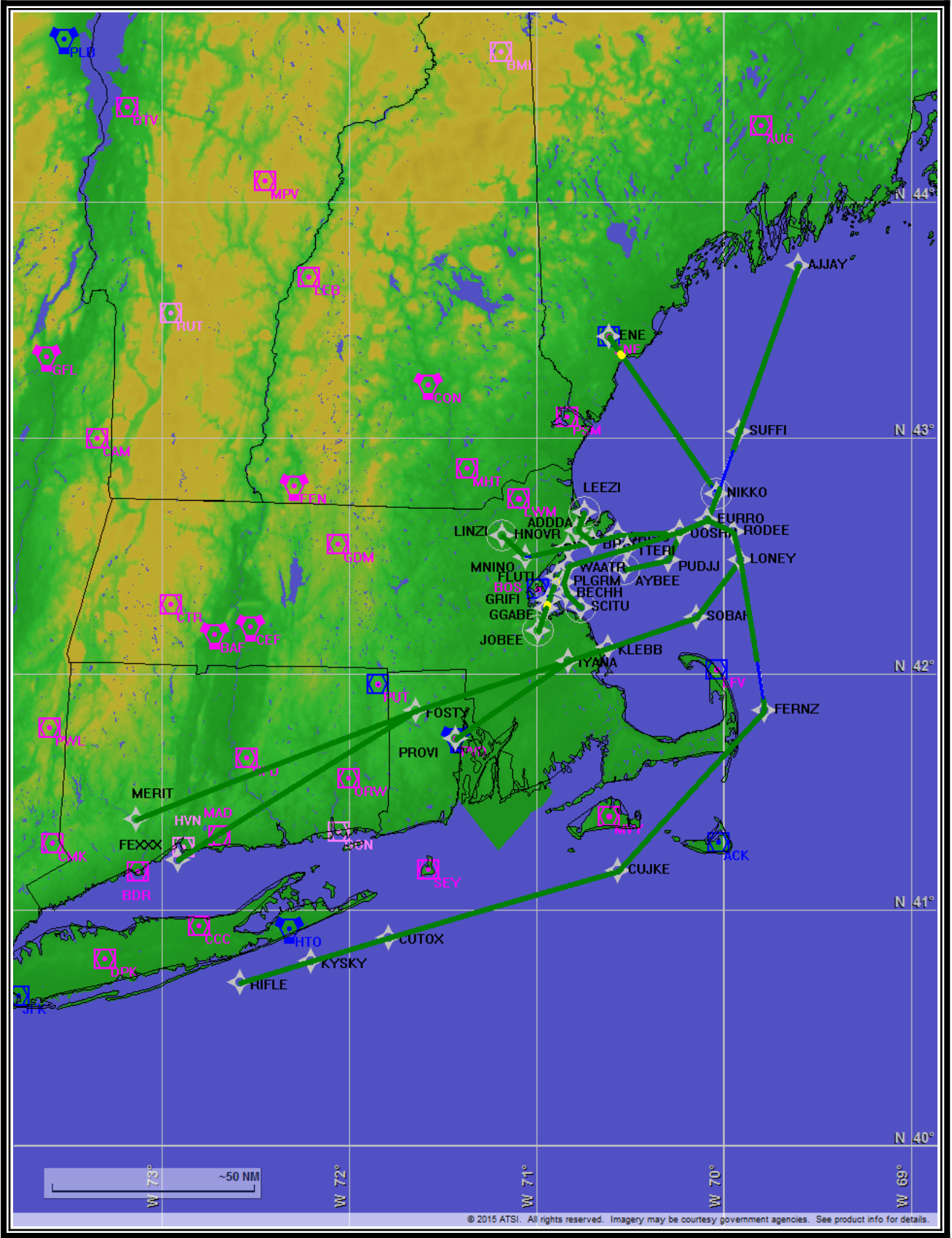
User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H	49.2	115.60	PVD	Used
Restriction:		Bearing [True]: 181.0° to 205.0° Bearing [Mag]: 195.0° to 219.0°			Distance: Beyond 30.0 NM Altitude: Below 2500.0 Ft.		
Restriction:		Bearing [True]: 227.0° to 296.0° Bearing [Mag]: 241.0° to 310.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 322.0° to 180.0° Bearing [Mag]: 336.0° to 194.0°			Distance: Beyond 30.0 NM Altitude: Below 2000.0 Ft.		
Restriction:		Bearing [True]: 206.0° to 226.0° Bearing [Mag]: 220.0° to 240.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 297.0° to 321.0° Bearing [Mag]: 311.0° to 335.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
ESV:		Bearing [True]: 40.0° to 66.0° Bearing [Mag]: 54.0° to 80.0°			Arc Distance: Out to 89.0 NM Altitude: 6800.0 to 16000.0 Ft.		
7	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L	302.2	112.50	LWM	Used
Restriction:		Bearing [True]: 145.0° to 180.0° Bearing [Mag]: 160.0° to 195.0°			Distance: Beyond 23.0 NM Altitude: Below 2500.0 Ft.		
ESV:		Bearing [True]: 25.0° to 195.0° Bearing [Mag]: 40.0° to 210.0°			Arc Distance: Out to 50.0 NM Altitude: 4000.0 to 17000.0 Ft.		



**Name:** MARK SCHOENHOFF  
**Project Name:** KBOS OOSH4 STAR  
**Output File:** KBOS OOSH4 STAR  
PROVI LEEZI  
20150824\_2248  
**Procedure Name:** OOSH4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/24/2015 10:53:05 PM  
**Input File:** KBOS OOSH4 STAR  
PROVI LEEZI  
20150824\_1306.txt  
**Databases:** AIRNAV Date: 8/4/2015  
CIFP Date: 2/5/2015  
DTED® (MAX) Date: 2002

## Results Summary:

<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



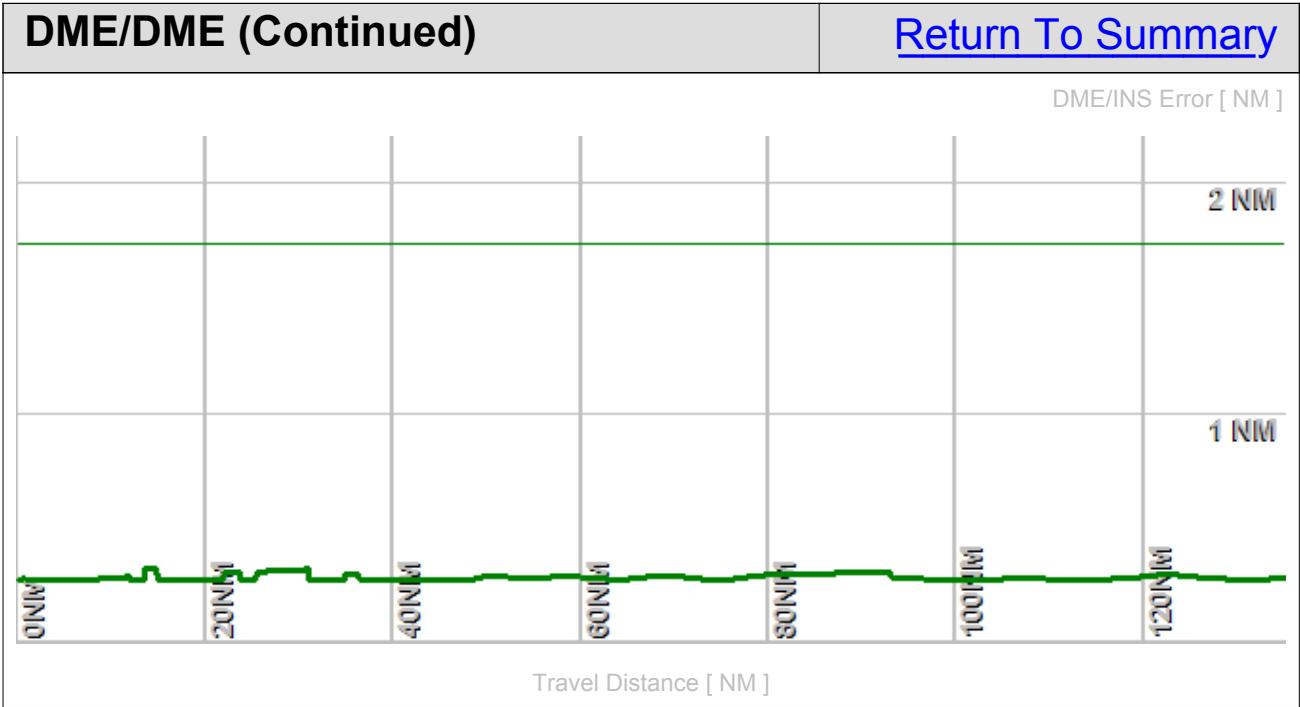
Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
PROVI	WP	N 41° 43' 25.46" W 71° 25' 54.17"	17000.0	Step	250.0	Fly By	TF
IYANA	WP	N 42° 3' 16.48" W 70° 49' 40.68"	17000.0	Step	250.0	Fly By	TF
KLEBB	WP	N 42° 6' 30.28" W 70° 36' 58.08"	15000.0	Step	250.0	Fly By	TF
SOBAH	WP	N 42° 14' 14.45" W 70° 8' 43.28"	15000.0	Step	250.0	Fly By	TF
LONEY	WP	N 42° 28' 55.22" W 69° 54' 42.21"	10000.0	Step	250.0	Fly By	TF
RODEE	WP	N 42° 35' 58.22" W 69° 56' 54.94"	10000.0	Step	250.0	Fly By	TF
EURRO	WP	N 42° 39' 2.67" W 70° 5' 16.55"	10000.0	Step	250.0	Fly By	TF
OOSH4	WP	N 42° 36' 5.44" W 70° 13' 52.37"	7000.0	Step	250.0	Fly By	TF
GRGIO	WP	N 42° 35' 9.36" W 70° 33' 54.40"	6000.0	Step	250.0	Fly By	TF
BRGIT	WP	N 42° 33' 25.12" W 70° 41' 52.30"	6000.0	Step	250.0	Fly By	TF
ADDDA	WP	N 42° 36' 20.25" W 70° 46' 55.46"	4000.0	Step	220.0	Fly By	TF
LEEZI	WP	N 42° 41' 2.21" W 70° 44' 36.30"	4000.0	Step	210.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Arrival	
	<b>Selected Airport:</b> KBOS	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> <i>None assigned</i>	
	<b>Ground Speeds:</b> Table: 200.0 Kts up to 11000.0 ft 240.0 Kts up to 18000.0 ft 260.0 Kts up to 24000.0 ft 340.0 Kts up to 99900.0 ft  <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
Entire track is fly-able		



DME/DME		<a href="#">Return To Summary</a>
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max):	Evaluated
	DME Restrictions:	Evaluated
	Inertial Drift:	Enabled
	Initial Drift:	0.558 NM
	INS Drift Rate:	8.000 NM/Hour
	Range Mode:	OSV
	Co-Frequencies:	Evaluated
	RNP Edges:	Evaluated
	Min DME Range:	3.0 NM
	Allowed Gap Length:	4.0 NM
	DME Types:	VOR/DME, VORTAC, and User
	DME Include Angles:	30 to 150
	Critical DMEs:	Allowed
	DoD Facilities:	Not included
Foreign Facilities:	Not included	
Low & Terminal DMEs:	Included	
Flight Check DMEs:	Selected	
Higher Altitudes:	Evaluated	
Near Maximum Altitude:	Evaluated	
Total Number of DMEs Used: 11		
Maximum DME Error: 0.330 NM.		
No Critical DMEs were found.		
Available DMEs: PUT, BOS, LFV, ACK, HTO, ORW, SEY, PVD, MVY, ENE, LWM, PSM, MHT		
Foreign DMEs within range: YJN, YSC, VLV, YQI, YSJ, YUL		





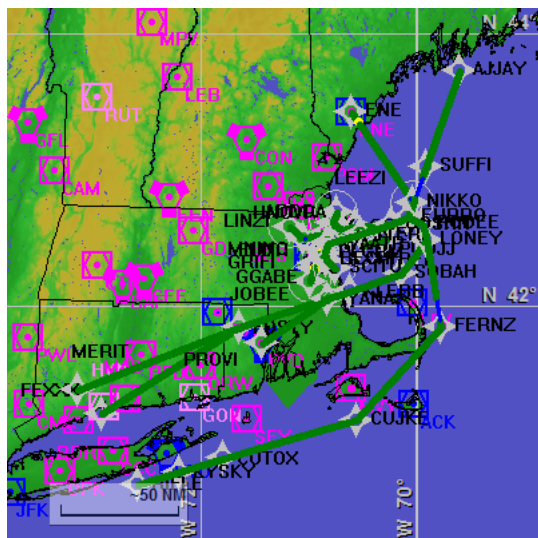
DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H + <a href="#">ESV</a>	User	NO	0.322	Enabled	8.8%	9.6%
2	HTO	N 40° 55' 8.38" W 72° 19' 0.14" 13 W	H	Database	NO	0.330	Enabled	7.4%	8.1%
3	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H + <a href="#">ESV</a>	User	NO	0.407	Enabled	47.6%	45.3%
4	ACK	N 41° 16' 54.79" W 70° 1' 36.16" 15 W	H	Database	NO	0.330	Enabled	19.0%	20.7%
5	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L + <a href="#">ESV</a>	User	NO	0.330	Enabled	6.1%	6.7%
6	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H + <a href="#">ESV</a>	User	NO	0.404	Enabled	30.1%	28.5%
7	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H + <a href="#">ESV</a>	User	NO	0.536	Enabled	40.9%	42.3%
8	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H + <a href="#">ESV</a>	User	NO	0.436	Enabled	18.0%	18.0%
9	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L + <a href="#">ESV</a>	User	NO	0.330	Enabled	5.4%	5.9%
10	PSM	N 43° 5' 4.06" W 70° 49' 55.15" 16 W	L	Database	NO	0.356	Enabled	6.5%	5.9%
11	MHT	N 42° 52' 6.71" W 71° 22' 10.32" 15 W	L	Database	NO	0.330	Enabled	10.0%	9.1%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		BOS	ACK	PUT	HTO	MVY	LFV		
11.9		BOS	PVD	PUT	ENE	MVY	ACK		
22.0		BOS	PVD	PUT	ACK	HTO	LFV		
32.9		LFV	PVD	LWM	ACK	ENE	PUT		
43.4		PUT	PVD	LWM	ACK	ENE	LFV		
54.9		BOS	PVD	LFV	ACK	ENE			
65.1		BOS	PVD	LFV	ACK	ENE			
83.1		BOS	PVD	LFV	ENE				

DME/DME (Continued)						<a href="#">Return To Summary</a>
<i>Flight Check DME Selection (Continued)</i>						
Distance [NM]	Selected DMEs					Alternate
90.2	BOS	PVD	LFV	LWM	ENE	
97.0	BOS	PVD	LFV	LWM	ENE	
104.2	BOS	PSM	LFV	LWM	ENE	PVD
119.2	BOS	PSM	MHT	LWM	PUT	
124.8	BOS	PSM	MHT	LWM	PUT	
129.2	BOS	PSM	MHT	LWM		

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
PROVI	IYANA	PVD, BOS, ENE, PUT, MVY, ACK, HTO, LWM*, LFV*, ORW*, and SEY*
IYANA	KLEBB	LWM, PVD, LFV, ENE, ACK, BOS*, PUT*, MVY*, and HTO*
KLEBB	SOBAH	LWM, PVD, LFV, BOS, ENE, PUT, ACK, and MVY*
SOBAH	LONEY	PVD, LFV, BOS, ENE, and ACK
LONEY	RODEE	PVD, LFV, BOS, and ENE
RODEE	EURRO	LWM, PVD, LFV, BOS, and ENE
EURRO	OOSH4	LWM, PVD, LFV, BOS, and ENE
OOSH4	GRGIO	LWM, LFV, BOS, ENE, PSM, and PVD*
GRGIO	BRGIT	LWM, BOS, PUT, MHT, and PSM
BRGIT	ADDDA	LWM, BOS, PUT, MHT, and PSM
ADDDA	LEEZI	LWM, BOS, MHT, and PSM

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KBOS OOSH4N STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L	59.1	114.50	MVY	Used
		ESV:	Bearing [True]: 310.0° to 15.0° Bearing [Mag]: 325.0° to 30.0°		Arc Distance: Out to 66.0 NM Altitude: 3000.0 to 18000.0 Ft.		
2	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H	650.0	117.40	PUT	Used
		ESV:	Bearing [True]: 45.0° to 105.0° Bearing [Mag]: 59.0° to 119.0°		Arc Distance: Out to 65.0 NM Altitude: 3000.0 to 18000.0 Ft.		
3	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H	192.2	117.10	ENE	Used
		Restriction:	Bearing [True]: 251.0° to 261.0° Bearing [Mag]: 268.0° to 278.0°		Distance: Beyond 30.0 NM Altitude: Below 4600.0 Ft.		
		Restriction:	Bearing [True]: 13.0° to 167.0° Bearing [Mag]: 30.0° to 184.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 168.0° to 213.0° Bearing [Mag]: 185.0° to 230.0°		Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 143.0° to 166.0° Bearing [Mag]: 160.0° to 183.0°		Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 16000.0 Ft.		
4	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H	20.0	112.70	BOS	Used
		Restriction:	Bearing [True]: 45.0° to 88.0° Bearing [Mag]: 61.0° to 104.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 255.0° to 44.0° Bearing [Mag]: 271.0° to 60.0°		Distance: Beyond 25.0 NM Altitude: Below 3500.0 Ft.		
		ESV:	Bearing [True]: 47.0° to 122.0° Bearing [Mag]: 63.0° to 138.0°		Arc Distance: Out to 64.0 NM Altitude: 6300.0 to 16000.0 Ft.		
5	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H	150.8	114.70	LFV	Used
		ESV:	Bearing [True]: 330.0° to 1.0° Bearing [Mag]: 346.0° to 17.0°		Arc Distance: Out to 95.0 NM Altitude: 6000.0 to 18000.0 Ft.		

User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H	49.2	115.60	PVD	Used
Restriction:		Bearing [True]: 181.0° to 205.0° Bearing [Mag]: 195.0° to 219.0°			Distance: Beyond 30.0 NM Altitude: Below 2500.0 Ft.		
Restriction:		Bearing [True]: 227.0° to 296.0° Bearing [Mag]: 241.0° to 310.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 322.0° to 180.0° Bearing [Mag]: 336.0° to 194.0°			Distance: Beyond 30.0 NM Altitude: Below 2000.0 Ft.		
Restriction:		Bearing [True]: 206.0° to 226.0° Bearing [Mag]: 220.0° to 240.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 297.0° to 321.0° Bearing [Mag]: 311.0° to 335.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
ESV:		Bearing [True]: 40.0° to 66.0° Bearing [Mag]: 54.0° to 80.0°			Arc Distance: Out to 89.0 NM Altitude: 6800.0 to 16000.0 Ft.		
7	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L	302.2	112.50	LWM	Used
Restriction:		Bearing [True]: 145.0° to 180.0° Bearing [Mag]: 160.0° to 195.0°			Distance: Beyond 23.0 NM Altitude: Below 2500.0 Ft.		
ESV:		Bearing [True]: 25.0° to 195.0° Bearing [Mag]: 40.0° to 210.0°			Arc Distance: Out to 50.0 NM Altitude: 4000.0 to 17000.0 Ft.		

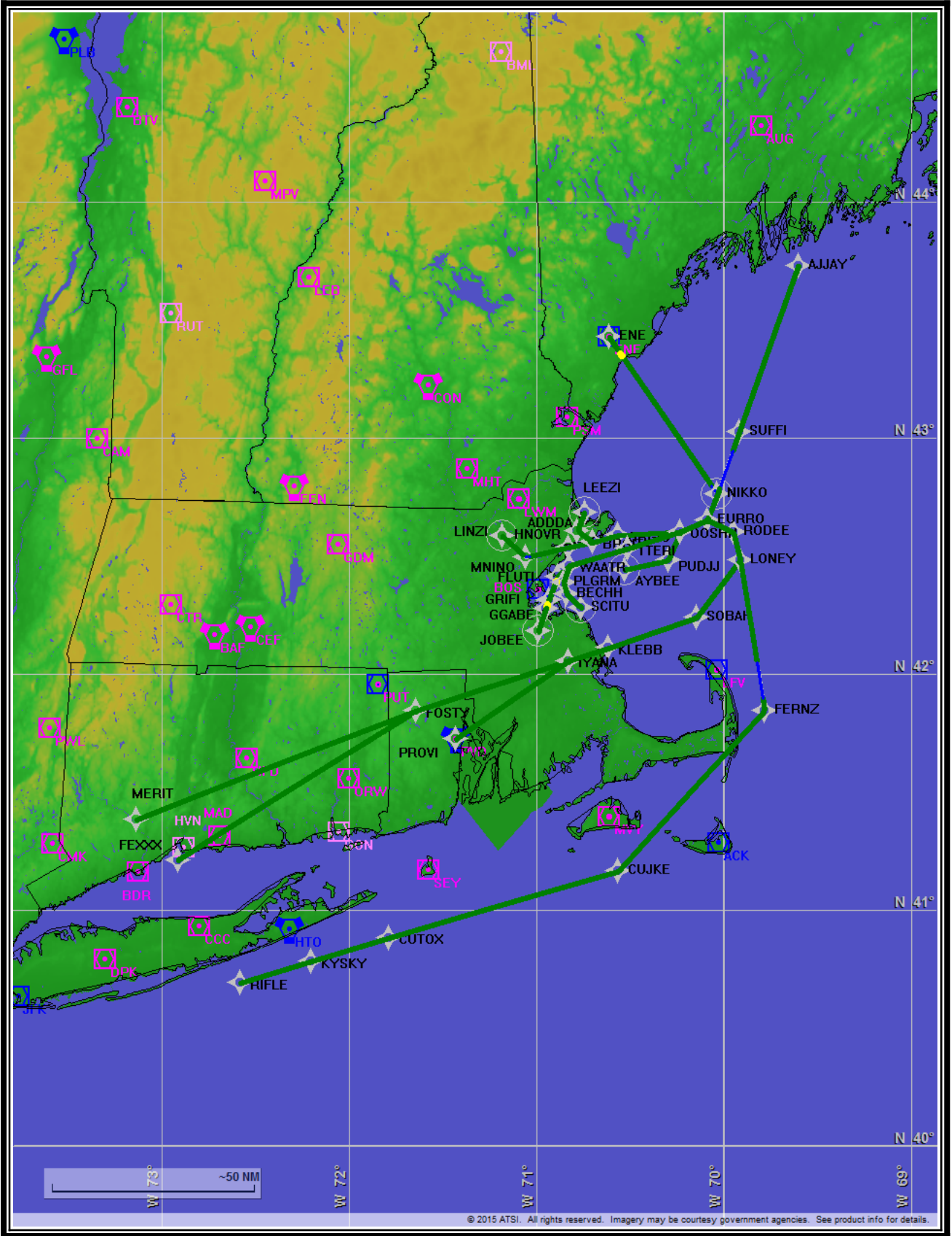


**Name:** MARK SCHOENHOFF  
**Project Name:** KBOS OOSH4 STAR  
**Output File:** KBOS OOSH4 STAR  
RIFLE SCITU  
20150824\_2248  
**Procedure Name:** OOSH4  
**Software:** RNAV-Pro™  
**Version:** 2.38  
**Date/Time:** 8/24/2015 10:54:09 PM  
**Input File:** KBOS OOSH4 STAR  
RIFLE SCITU  
20150824\_1308.txt  
**Databases:** AIRNAV Date: 8/4/2015  
CIFP Date: 2/5/2015  
DTED® (MAX) Date: 2002

## Results Summary:

<b>Flyability</b>	✓	
<b>DME/DME</b>	✓	No Critical DMEs Exist
<b>Radars</b>	?	
<b>Comms</b>	?	
<b>TERPS</b>	?	



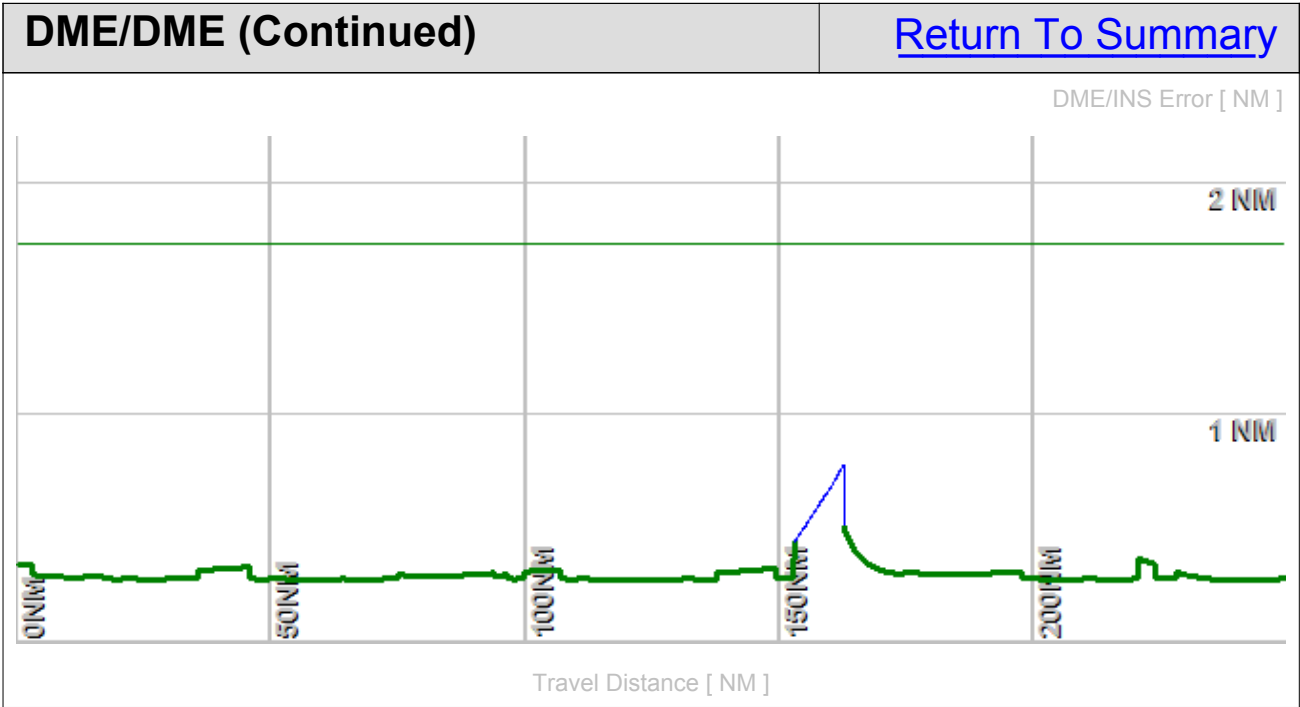




Flight Plan					<a href="#">Return To Summary</a>		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
RIFLE	WP	N 40° 41' 24.18" W 72° 34' 54.89"	17000.0	Step	250.0	Fly By	TF
KYSKY	WP	N 40° 46' 52.75" W 72° 12' 21.45"	17000.0	Step	250.0	Fly By	TF
CUTOX	WP	N 40° 52' 53.28" W 71° 47' 11.87"	17000.0	Step	250.0	Fly By	TF
CUJKE	WP	N 41° 9' 47.03" W 70° 33' 48.84"	17000.0	Step	250.0	Fly By	TF
FERNZ	WP	N 41° 50' 35.40" W 69° 46' 53.11"	16000.0	Step	250.0	Fly By	TF
LONEY	WP	N 42° 28' 55.22" W 69° 54' 42.21"	10000.0	Step	250.0	Fly By	TF
RODEE	WP	N 42° 35' 58.22" W 69° 56' 54.94"	10000.0	Step	250.0	Fly By	TF
EURRO	WP	N 42° 39' 2.67" W 70° 5' 16.55"	10000.0	Step	250.0	Fly By	TF
OOSHN	WP	N 42° 36' 5.44" W 70° 13' 52.37"	7000.0	Step	250.0	Fly By	TF
TTERI	WP	N 42° 31' 46.46" W 70° 30' 54.94"	6000.0	Step	250.0	Fly By	TF
WAATR	WP	N 42° 27' 28.16" W 70° 49' 31.96"	5000.0	Step	250.0	Fly By	TF
PLGRM	WP	N 42° 23' 15.44" W 70° 51' 19.79"	5000.0	Step	250.0	Fly By	TF
BECHH	WP	N 42° 20' 12.83" W 70° 50' 16.49"	4000.0	Step	220.0	Fly By	TF
SCITU	WP	N 42° 16' 43.48" W 70° 45' 38.19"	4000.0	Step	210.0	Fly Over	TF

Flyability		<a href="#">Return To Summary</a>
Settings:	<b>Flight Type:</b> Arrival	
	<b>Selected Airport:</b> KBOS	
	<b>Aircraft Category:</b> Cat D	
	<b>Climb Gradient:</b> <i>None assigned</i>	
	<b>Ground Speeds:</b> Table: 200.0 Kts up to 11000.0 ft 240.0 Kts up to 18000.0 ft 260.0 Kts up to 24000.0 ft 340.0 Kts up to 99900.0 ft  <b>Wind Settings:</b> <i>None assigned</i> <b>Descent During a Turn:</b> Allowed <b>VNAV Mode:</b> Flight Plan	
Entire track is fly-able		

DME/DME	<a href="#">Return To Summary</a>
<b>Settings:</b>	<p> <b>RNP:</b> 2.0  <b>Flight Mode:</b> Manual  <b>Line of Sight (DTED Level 0 Max):</b> Evaluated  <b>DME Restrictions:</b> Evaluated  <b>Inertial Drift:</b> Enabled              <b>Initial Drift:</b> 0.558 NM              <b>INS Drift Rate:</b> 8.000 NM/Hour  <b>Range Mode:</b> OSV  <b>Co-Frequencies:</b> Evaluated  <b>RNP Edges:</b> Evaluated  <b>Min DME Range:</b> 3.0 NM  <b>Allowed Gap Length:</b> 4.0 NM  <b>DME Types:</b> VOR/DME, VORTAC, and User  <b>DME Include Angles:</b> 30 to 150  <b>Critical DMEs:</b> Allowed  <b>DoD Facilities:</b> Not included  <b>Foreign Facilities:</b> Not included  <b>Low &amp; Terminal DMEs:</b> Included  <b>Flight Check DMEs:</b> Selected  <b>Higher Altitudes:</b> Evaluated  <b>Near Maximum Altitude:</b> Evaluated         </p>
<p><b>Total Number of DMEs Used:</b> 14</p> <p>Maximum DME Error: 0.776 NM.</p> <p>No Critical DMEs were found.</p> <p><b>Available DMEs:</b> PUT, PVD, CCC, DPK, HTO, JFK, RBV, SAX, SEY, ACK, BOS, LFV, MVY, ENE, LWM, PSM, MHT</p> <p><b>Foreign DMEs within range:</b> YQI, YSC, VLV, YJN, YSJ, YUL</p>	



DME/DME (Continued)						<a href="#">Return To Summary</a>			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H + <a href="#">ESV</a>	User	NO	0.776	Enabled	23.9%	24.4%
2	SAX	N 41° 4' 3.16" W 74° 32' 17.93" 11 W	H	Database	NO	0.776	Enabled	1.1%	1.2%
3	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H + <a href="#">ESV</a>	User	NO	0.625	Enabled	33.0%	33.5%
4	CCC	N 40° 55' 46.62" W 72° 47' 55.89" 13 W	L	Database	NO	0.776	Enabled	7.8%	8.4%
5	HTO	N 40° 55' 8.38" W 72° 19' 0.14" 13 W	H	Database	NO	0.776	Enabled	18.7%	20.0%
6	SEY	N 41° 10' 2.77" W 71° 34' 33.91" 15 W	L	Database	NO	0.776	Enabled	2.7%	2.9%
7	JFK	N 40° 37' 58.40" W 73° 46' 17.00" 12 W	H	Database	NO	0.776	Enabled	3.8%	4.0%
8	ACK	N 41° 16' 54.79" W 70° 1' 36.16" 15 W	H	Database	NO	0.776	Enabled	16.6%	17.8%
9	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H + <a href="#">ESV</a>	User	NO	1.207	Enabled	34.4%	33.0%
10	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L + <a href="#">ESV</a>	User	NO	0.776	Enabled	2.2%	2.4%
11	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H + <a href="#">ESV</a>	User	NO	1.267	Enabled	18.8%	18.4%
12	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H + <a href="#">ESV</a>	User	NO	0.776	Enabled	16.5%	14.7%
13	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L + <a href="#">ESV</a>	User	NO	0.776	Enabled	11.2%	10.0%
14	PSM	N 43° 5' 4.06" W 70° 49' 55.15" 16 W	L	Database	NO	0.776	Enabled	1.9%	1.7%
	Total Coverage							96.2%	96.1%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		PVD	CCC	PUT	SAX	JFK	HTO		
18.0		PVD	CCC	PUT	SEY	HTO	JFK		
28.0		PVD	CCC	PUT	JFK	HTO	SEY		

DME/DME (Continued)					<a href="#">Return To Summary</a>	
Flight Check DME Selection (Continued)						
Distance [NM]	Selected DMEs					Alternate
38.0	ACK	SEY	PUT	JFK	HTO	PVD
48.1	ACK	SEY	PUT	PVD	HTO	LFV
58.3	ACK	LFV	BOS	PVD	HTO	PUT
95.2	ACK	LFV	BOS	MVY	HTO	PUT
106.7	PVD	LFV	BOS	MVY	HTO	PUT
118.3	PVD	LFV	BOS	MVY	ACK	PUT
128.5	PVD	LFV	BOS	PUT	ACK	MVY
148.9	PVD	LFV	BOS	PUT	ACK	ENE
159.0	PVD	LFV	BOS	ENE		
188.4	PVD	LFV	BOS	ENE		
195.0	PVD	LFV	BOS	ENE	LWM	
201.8	PVD	LFV	BOS	ENE	LWM	
209.3	PVD	LFV	BOS	ENE	LWM	
222.7	MHT	PSM	BOS	PUT	LWM	
236.4	MHT	MVY	BOS	PUT	LWM	PSM
241.0	MHT	MVY	BOS	PUT	LWM	
244.1	LFV	MVY	BOS	PUT	LWM	
Inertial Drift Segments						
#	Start Location		End Location			Length [NM]
1	N 41° 53' 51.77" W 69° 47' 32.37"		N 42° 3' 21.09" W 69° 49' 28.02"			9.6
VOR: ACK		Available from N 41° 53' 51.77" W 69° 47' 32.37" to N 41° 55' 34.64" W 69° 47' 53.23"				
VOR: LFV		Available from N 41° 53' 51.77" W 69° 47' 32.37" to N 42° 3' 21.09" W 69° 49' 28.02"				

Available DMEs by Waypoints		<a href="#">Return To Summary</a>
Waypoint Before	Waypoint After	DME List
RIFLE	KYSKY	PVD, PUT, CCC, JFK, SAX, DPK*, HTO*, RBV*, and SEY*
KYSKY	CUTOX	PVD, PUT, CCC, HTO, JFK, SEY, BOS*, and ACK*
CUTOX	CUJKE	PVD, LFV, BOS, PUT, ACK, HTO, JFK, SEY, and MVY*
CUJKE	FERNZ	PVD, LFV, BOS, PUT, MVY, ACK, and HTO
FERNZ	LONEY	PVD, LFV, BOS, ENE, PUT, and ACK
LONEY	RODEE	PVD, LFV, BOS, and ENE
RODEE	EURRO	LWM, PVD, LFV, BOS, and ENE
EURRO	OOSHN	LWM, PVD, LFV, BOS, and ENE
OOSHN	TTERI	LWM, PVD, LFV, BOS, and ENE
TTERI	WAATR	LWM, BOS, PUT, MHT, and PSM
WAATR	PLGRM	LWM, BOS, PUT, MVY, MHT, and PSM*
PLGRM	BECHH	LWM, BOS, PUT, MVY, and MHT
BECHH	SCITU	LWM, LFV, BOS, PUT, and MVY

User Data					<a href="#">Return To Summary</a>		
User Data Files							
#	File Name						
1	KBOS OOSH4N STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MVY	N 41° 23' 46.36" W 70° 36' 45.80" 15 W	L	59.1	114.50	MVY	Used
		ESV:	Bearing [True]: 310.0° to 15.0° Bearing [Mag]: 325.0° to 30.0°		Arc Distance: Out to 66.0 NM Altitude: 3000.0 to 18000.0 Ft.		
2	PUT	N 41° 57' 19.65" W 71° 50' 38.76" 14 W	H	650.0	117.40	PUT	Used
		ESV:	Bearing [True]: 45.0° to 105.0° Bearing [Mag]: 59.0° to 119.0°		Arc Distance: Out to 65.0 NM Altitude: 3000.0 to 18000.0 Ft.		
3	ENE	N 43° 25' 32.42" W 70° 36' 48.69" 17 W	H	192.2	117.10	ENE	Used
		Restriction:	Bearing [True]: 251.0° to 261.0° Bearing [Mag]: 268.0° to 278.0°		Distance: Beyond 30.0 NM Altitude: Below 4600.0 Ft.		
		Restriction:	Bearing [True]: 13.0° to 167.0° Bearing [Mag]: 30.0° to 184.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 168.0° to 213.0° Bearing [Mag]: 185.0° to 230.0°		Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 143.0° to 166.0° Bearing [Mag]: 160.0° to 183.0°		Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 16000.0 Ft.		
4	BOS	N 42° 21' 26.82" W 70° 59' 22.37" 16 W	H	20.0	112.70	BOS	Used
		Restriction:	Bearing [True]: 45.0° to 88.0° Bearing [Mag]: 61.0° to 104.0°		Distance: Beyond 18.0 NM Altitude: Below 2000.0 Ft.		
		Restriction:	Bearing [True]: 255.0° to 44.0° Bearing [Mag]: 271.0° to 60.0°		Distance: Beyond 25.0 NM Altitude: Below 3500.0 Ft.		
		ESV:	Bearing [True]: 47.0° to 122.0° Bearing [Mag]: 63.0° to 138.0°		Arc Distance: Out to 64.0 NM Altitude: 6300.0 to 16000.0 Ft.		
5	LFV	N 42° 1' 1.88" W 70° 2' 14.04" 16 W	H	150.8	114.70	LFV	Used
		ESV:	Bearing [True]: 330.0° to 1.0° Bearing [Mag]: 346.0° to 17.0°		Arc Distance: Out to 95.0 NM Altitude: 6000.0 to 18000.0 Ft.		



User Data (Continued)					<a href="#">Return To Summary</a>		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PVD	N 41° 43' 27.64" W 71° 25' 46.70" 14 W	H	49.2	115.60	PVD	Used
Restriction:		Bearing [True]: 181.0° to 205.0° Bearing [Mag]: 195.0° to 219.0°			Distance: Beyond 30.0 NM Altitude: Below 2500.0 Ft.		
Restriction:		Bearing [True]: 227.0° to 296.0° Bearing [Mag]: 241.0° to 310.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 322.0° to 180.0° Bearing [Mag]: 336.0° to 194.0°			Distance: Beyond 30.0 NM Altitude: Below 2000.0 Ft.		
Restriction:		Bearing [True]: 206.0° to 226.0° Bearing [Mag]: 220.0° to 240.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 Ft.		
Restriction:		Bearing [True]: 297.0° to 321.0° Bearing [Mag]: 311.0° to 335.0°			Distance: Beyond 30.0 NM Altitude: Below 3000.0 Ft.		
ESV:		Bearing [True]: 40.0° to 66.0° Bearing [Mag]: 54.0° to 80.0°			Arc Distance: Out to 89.0 NM Altitude: 6800.0 to 16000.0 Ft.		
7	LWM	N 42° 44' 25.50" W 71° 5' 41.43" 15 W	L	302.2	112.50	LWM	Used
Restriction:		Bearing [True]: 145.0° to 180.0° Bearing [Mag]: 160.0° to 195.0°			Distance: Beyond 23.0 NM Altitude: Below 2500.0 Ft.		
ESV:		Bearing [True]: 25.0° to 195.0° Bearing [Mag]: 40.0° to 210.0°			Arc Distance: Out to 50.0 NM Altitude: 4000.0 to 17000.0 Ft.		