

DME DME Assessment Results for EEGOR1 path **KALDA_RYMES**

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\OneDrive - Federal Aviation Administration\Desktop\10.02.2025 PUB DATE PROCEDRES\KHPN EEGOR1 (RNAV) STAR\KHPN EEGOR (RNAV) STAR DME_20250121.tgs
Output File:	C:\Users\Miles CTR Carpenter\OneDrive - Federal Aviation Administration\Desktop\10.02.2025 PUB DATE PROCEDRES\KHPN EEGOR1 (RNAV) STAR\KHPN [IFPA] EEGOR1 20250121_1011 EST\KALDA_RYMES\KHPN EEGOR1 RNAV STAR KALDA RYMES 20250121_1011 EST.pdf
Procedure Name:	EEGOR1
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/21/2025 10:11 EST
Databases:	DTED3

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

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Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KALDA	WP	N37° 50' 31.06", W075° 37' 35.34"	8000	VNAV	200	FLY_BY	TF
ZJAAY	WP	N38° 03' 09.95", W075° 26' 34.27"	8000	VNAV	200	FLY_BY	TF
BYSEL	WP	N38° 15' 02.70", W075° 16' 52.87"	8000	VNAV	200	FLY_BY	TF
RADDS	WP	N38° 38' 54.80", W075° 05' 18.48"	8000	VNAV	200	FLY_BY	TF
SHHAY	WP	N38° 47' 04.08", W074° 55' 55.42"	8000	VNAV	200	FLY_BY	TF
MAEVE	WP	N38° 57' 50.07", W074° 44' 44.52"	8000	VNAV	200	FLY_BY	TF
WAALK	WP	N39° 08' 28.66", W074° 33' 32.93"	8000	VNAV	200	FLY_BY	TF
JENGA	WP	N39° 16' 36.01", W074° 24' 41.83"	8000	VNAV	200	FLY_BY	TF
RAINN	WP	N39° 27' 09.91", W074° 13' 03.16"	8000	VNAV	200	FLY_BY	TF
BRIGS	WP	N39° 31' 24.72", W074° 08' 19.67"	8000	VNAV	200	FLY_BY	TF
HARBO	WP	N39° 36' 27.04", W074° 00' 26.56"	8000	VNAV	200	FLY_BY	TF
DRIFT	WP	N39° 48' 53.56", W073° 40' 49.53"	8000	VNAV	200	FLY_BY	TF
MANTA	WP	N39° 54' 07.01", W073° 32' 31.63"	8000	VNAV	200	FLY_BY	TF
PLUME	WP	N40° 07' 06.67", W073° 17' 08.03"	8000	VNAV	200	FLY_BY	TF
SHERL	WP	N40° 15' 20.55", W073° 07' 18.26"	8000	VNAV	200	FLY_BY	TF
DUNEE	WP	N40° 19' 24.38", W073° 02' 26.06"	6000	VNAV	200	FLY_BY	TF
KOPPY	WP	N40° 25' 03.56", W072° 55' 38.48"	6000	VNAV	200	FLY_BY	TF
SARDI	WP	N40° 31' 26.61", W072° 47' 55.87"	6000	VNAV	200	FLY_BY	TF
RICED	WP	N40° 36' 43.09", W072° 41' 31.86"	6000	VNAV	200	FLY_BY	TF
KEYED	WP	N41° 00' 51.45", W072° 41' 31.84"	6000	VNAV	200	FLY_BY	TF
EEGOR	WP	N41° 09' 38.94", W073° 07' 27.66"	6000	VNAV	200	FLY_BY	TF
ALIXX	WP	N41° 10' 52.85", W073° 23' 34.89"	1500	VNAV	200	FLY_BY	TF
RYMES	WP	N41° 11' 30.00", W073° 31' 50.72"	1500	VNAV	200	FLY_OVER	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KHPN [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

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DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

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DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VCN	N39° 32' 15.62", W074° 58' 01.72"	10.0 W	40	L		NO	Enabled	15 %	15 %
2	HVN	N41° 15' 44.33", W072° 53' 06.68"	0.0 E	25	T		NO	Enabled	12.1 %	12.1 %
3	HTO	N40° 55' 08.38", W072° 19' 00.14"	13.0 W	130	H		NO	Enabled	35.7 %	35.7 %
4	ENO	N39° 13' 53.93", W075° 30' 57.49"	9.0 W	40	L		NO	Enabled	7.4 %	7.4 %
5	HFD	N41° 38' 27.98", W072° 32' 50.70"	13.0 W	40	L		NO	Enabled	0.3 %	0.3 %
6	JFK	N40° 37' 58.38", W073° 46' 17.01"	12.0 W	130	H		NO	Enabled	4.6 %	4.6 %
7	BDR	N41° 09' 38.54", W073° 07' 28.15"	12.0 W	40	L		NO	Enabled	17.8 %	17.8 %
8	ADW	N38° 48' 25.99", W076° 51' 58.52"	10.0 W	40	L		NO	Enabled	2 %	2 %
9	CYN	N39° 49' 02.42", W074° 25' 53.85"	10.0 W	130	H		NO	Enabled	31.2 %	31.2 %
10	CMK	N41° 16' 48.32", W073° 34' 52.78"	12.0 W	40	L		NO	Enabled	12.5 %	12.5 %
11	COL	N40° 18' 41.88", W074° 09' 35.02"	11.0 W	40	L		NO	Enabled	17.7 %	17.7 %
12	CCC	N40° 55' 46.63", W072° 47' 55.89"	13.0 W	130	H		NO	Enabled	28 %	28 %
13	PWL	N41° 46' 11.18", W073° 36' 01.99"	12.0 W	40	L		NO	Enabled	0.1 %	0.1 %
14	LGA	N40° 47' 01.37", W073° 52' 06.96"	12.0 W	40	L		NO	Enabled	5.5 %	5.5 %
15	SWL	N38° 03' 23.74", W075° 27' 50.04"	8.0 W	40	L		NO	Enabled	2 %	2 %
16	SBY	N38° 20' 42.02", W075° 30' 38.07"	12.0 W	40	L		NO	Enabled	19.9 %	19.9 %
17	SIE	N39° 05' 43.83", W074° 48' 01.24"	9.0 W	130	H		NO	Enabled	13.6 %	13.6 %
18	MAD	N41° 18' 49.90", W072° 41' 31.93"	13.0 W	40	L		NO	Enabled	22 %	21.9 %
19	HCM	N37° 26' 55.18", W076° 42' 40.87"	7.0 W	40	L		NO	Enabled	10 %	10 %
20	CCV	N37° 20' 51.14", W075° 59' 51.55"	10.0 W	40	L		NO	Enabled	1.8 %	1.8 %
21	ACY	N39° 27' 21.15", W074° 34' 34.73"	10.0 W	40	L		NO	Enabled	22.9 %	22.9 %
22	CRI	N40° 36' 44.89", W073° 53' 40.07"	11.0 W	25	T		NO	Enabled	15.3 %	15.3 %
23	DPK	N40° 47' 30.36", W073° 18' 13.24"	12.0 W	40	L		NO	Enabled	30 %	30 %
24	ATR	N38° 48' 35.32", W075° 12' 40.76"	9.0 W	40	L		NO	Enabled	25.4 %	25.4 %
25	PVD	N41° 43' 27.63", W071° 25' 46.71"	14.0 W	130	DH		NO	Enabled	12.7 %	12.7 %

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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ADW	SWL	CCV	HCM	SBY	
5.1	ADW	SWL	HCM	SBY		
5.8	HCM	SBY				
24.5	HCM	SBY	ATR			
28.2	ATR	SBY				
48.1	ATR	SBY	SIE			
50.6	ATR	SIE				
51.2	ENO	SIE	ATR			
60.6	ENO	SBY	ATR	SIE		
66.0	ATR	SIE	ENO			
68.0	ATR	SIE				
71.3	ATR	SIE	ACY			
77.7	VCN	ATR	ACY	ENO	SIE	
81.7	ATR	SIE	VCN	ACY		
85.9	VCN	ATR	ACY			
96.0						
97.7	VCN	CYN				
103.5	VCN	CYN	ACY			
121.0	ACY	CYN				
122.2	CYN	SIE	ACY	VCN		
122.8	ACY	CYN				
135.8	COL	ACY	CYN			
143.1	COL	CYN				
152.7	CRI	CYN	COL			
162.4	CYN	CRI	HTO	COL		
182.1	HTO	CRI	CYN	DPK	COL	
185.4	HTO	CRI	COL	DPK		
185.7	HTO	CRI	DPK			
192.9	HTO	JFK	CRI	DPK		
193.6	CRI	CCC	JFK	HTO	DPK	
195.8	JFK	CCC	HTO	DPK		
202.6	DPK	HTO	CCC			
217.9	BDR	HTO	DPK	CCC		
219.5	BDR	HTO	MAD	DPK	CCC	
233.4	MAD	HTO	DPK	BDR	PVD	
259.8	HVN	CCC	DPK	HTO	CMK	MAD
262.9	CMK	DPK	HVN	CCC	MAD	
264.9	HVN	CCC	MAD			
265.9	DPK	BDR	CMK	LGA	CCC	HVN
267.5	LGA	CCC	CMK	HVN	MAD	
268.8	LGA	CCC	CMK	MAD		
274.8	CMK	LGA	CCC	BDR	MAD	
281.3	LGA	CCC	JFK	BDR	MAD	

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N39° 10' 22.94", W074° 31' 28.64"	N39° 11' 39.11", W074° 30' 05.71"	1.6624

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Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KALDA	ZJAAY	HCM, ADW, CCV, SWL, SBY	
ZJAAY	BYSEL	HCM, SBY, ATR	
BYSEL	RADDS	ENO, SBY, SIE, ATR	
RADDS	SHHAY	ENO, SBY, SIE, ATR	
SHHAY	MAEVE	VCN, ENO, ACY, SIE, ATR	
MAEVE	WAALK	VCN, ACY, ENO, SIE, ATR	
WAALK	JENGA	VCN, ACY, CYN, ATR	
JENGA	RAINN	VCN, ACY, CYN	
RAINN	BRIGS	VCN, ACY, CYN, SIE	
BRIGS	HARBO	ACY, CYN	
HARBO	DRIFT	COL, ACY, CYN	
DRIFT	MANTA	COL, CYN, CRI	
MANTA	PLUME	COL, HTO, CYN, CRI	
PLUME	SHERL	COL, HTO, CYN, CRI, DPK	
SHERL	DUNEE	HTO, CCC, CRI, DPK, JFK	
DUNEE	KOPPY	CCC, HTO, CRI, DPK, JFK	
KOPPY	SARDI	CCC, HTO, DPK, JFK	
SARDI	RICED	HTO, CCC, DPK	
RICED	KEYED	BDR, MAD, HVN, HTO, CCC, HFD, DPK, PVD	
KEYED	EEGOR	CMK, HVN, BDR, MAD, CCC, HTO, DPK, PVD	
EEGOR	ALIXX	CMK, HVN, MAD, BDR, CCC, PWL, LGA, DPK	
ALIXX	RYMES	CMK, BDR, MAD, CCC, LGA, JFK	

User Data Files

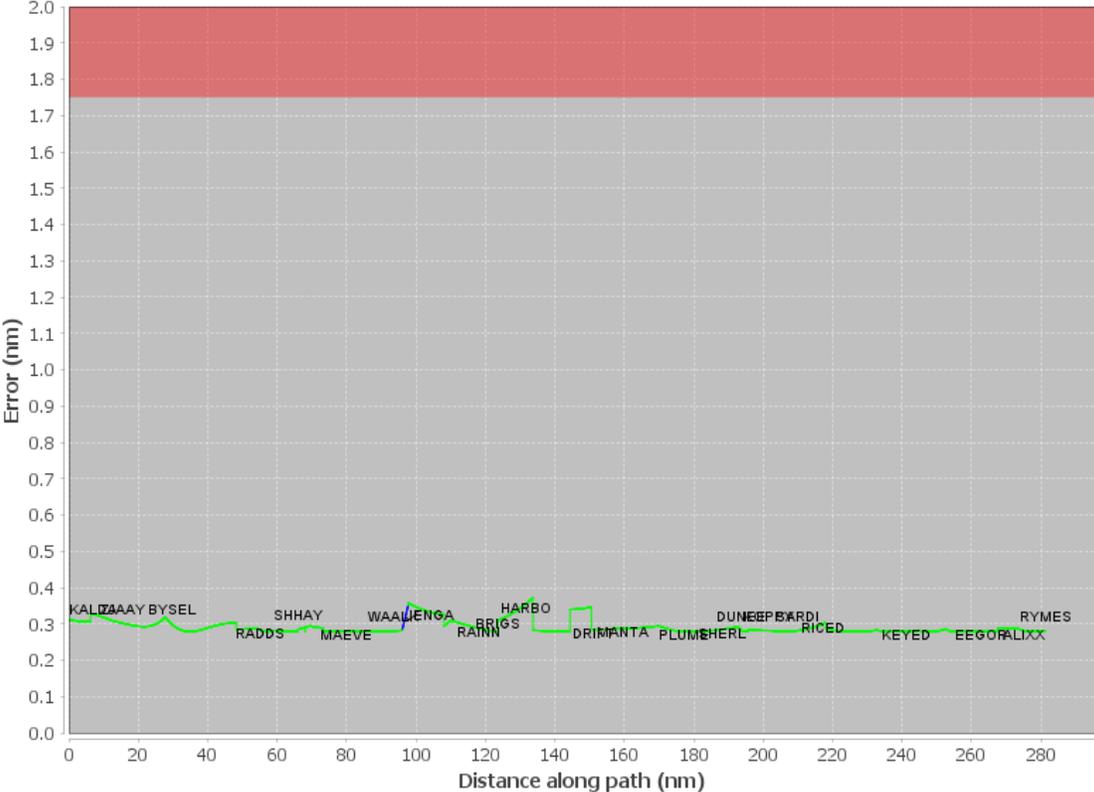
#	File Name
1	UserDMEsKHPN [IFPA] EEGOR1 RNAV STAR_20241113_1413 EST.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV CYN CYN	N39° 49' 02.42", W074° 25' 53.85"	10.0 W	130	203.4	113.4	UDT ESV CYN	
		ESV: Bearing [True]: 61.0° to 110.0° Bearing [Mag]: 71.0° to 120.0°				Arc Distance: Out to 65.0 NM Altitude: 5500.0 to 12000.0 ft		
2	UDT ESV ENO ENO	N39° 13' 53.93", W075° 30' 57.49"	9.0 W	40	14.9	111.4	UDT ESV ENO	
		ESV: Bearing [True]: 131.0° to 158.0° Bearing [Mag]: 140.0° to 167.0°				Arc Distance: Out to 50.0 NM Altitude: 7500.0 to 12100.0 ft		
3	UDT ESV ADW ADW	N38° 48' 25.99", W076° 51' 58.52"	10.0 W	40	262.9	113.1	UDT ESV ADW	
		ESV: Bearing [True]: 130.0° to 141.0° Bearing [Mag]: 140.0° to 151.0°				Arc Distance: Out to 87.0 NM Altitude: 7900.0 to 16500.0 ft		
4	UDT ESV HTO HTO	N40° 55' 08.38", W072° 19' 00.14"	13.0 W	130	22	113.6	UDT ESV HTO	
		ESV: Bearing [True]: 207.0° to 237.0° Bearing [Mag]: 220.0° to 250.0°				Arc Distance: Out to 80.0 NM Altitude: 5900.0 to 14600.0 ft		
5	UDT ESV HCM HCM	N37° 26' 55.18", W076° 42' 40.87"	7.0 W	40	7.5	108.8	UDT ESV HCM	
		ESV: Bearing [True]: 52.0° to 69.0° Bearing [Mag]: 59.0° to 76.0°				Arc Distance: Out to 84.0 NM Altitude: 7900.0 to 18100.0 ft		
6	UDT ESV COL COL	N40° 18' 41.88", W074° 09' 35.02"	11.0 W	40	128.8	115.4	UDT ESV COL	
		ESV: Bearing [True]: 93.0° to 168.0° Bearing [Mag]: 104.0° to 179.0°				Arc Distance: Out to 50.0 NM Altitude: 5900.0 to 12000.0 ft		
7	UDT ESV JFK JFK	N40° 37' 58.38", W073° 46' 17.01"	12.0 W	130	9.5	115.9	UDT ESV JFK	
		ESV: Bearing [True]: 104.0° to 121.0° Bearing [Mag]: 116.0° to 133.0°				Arc Distance: Out to 45.0 NM Altitude: 5900.0 to 14600.0 ft		
8	UDT ESV CRI CRI	N40° 36' 44.89", W073° 53' 40.07"	11.0 W	25	3.7	112.3	UDT ESV CRI	
		ESV: Bearing [True]: 109.0° to 169.0° Bearing [Mag]: 120.0° to 180.0°				Arc Distance: Out to 60.0 NM Altitude: 5900.0 to 12100.0 ft		

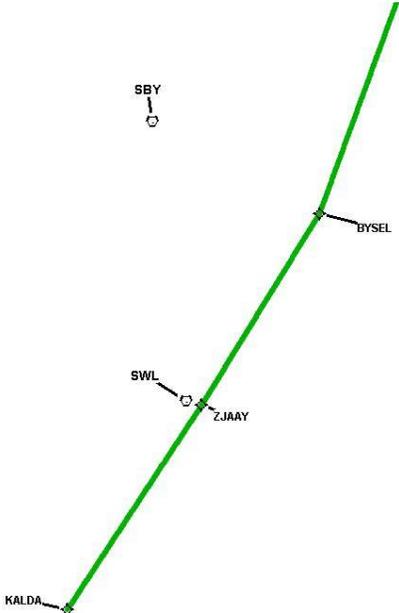
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DME Error



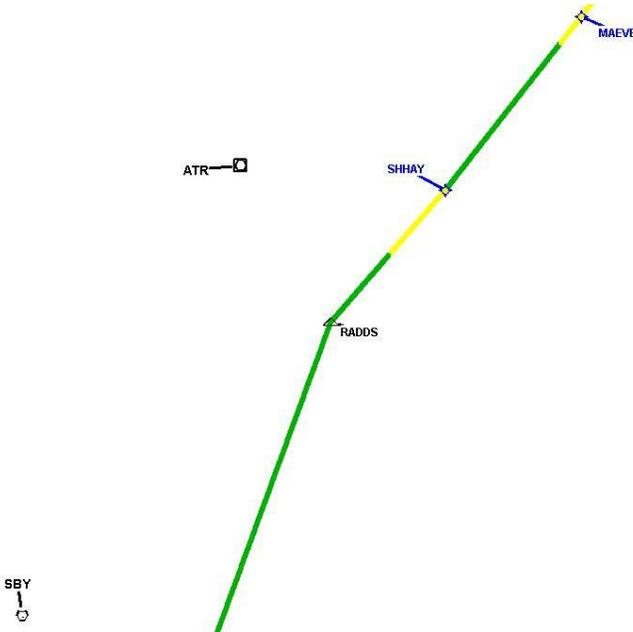
DME DME Assessment Results for EEGOR1 path KALDA_RYMES

Graphic Depiction 2



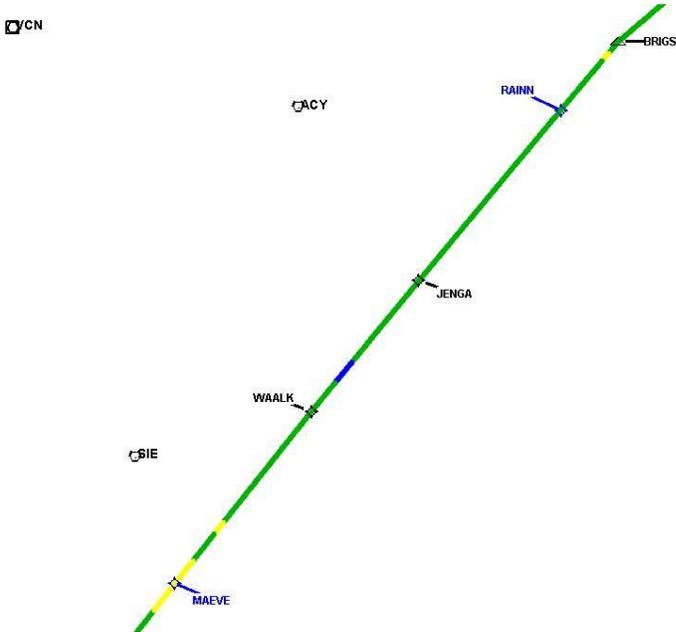
DME DME Assessment Results for EEGOR1 path KALDA_RYMES

Graphic Depiction 3



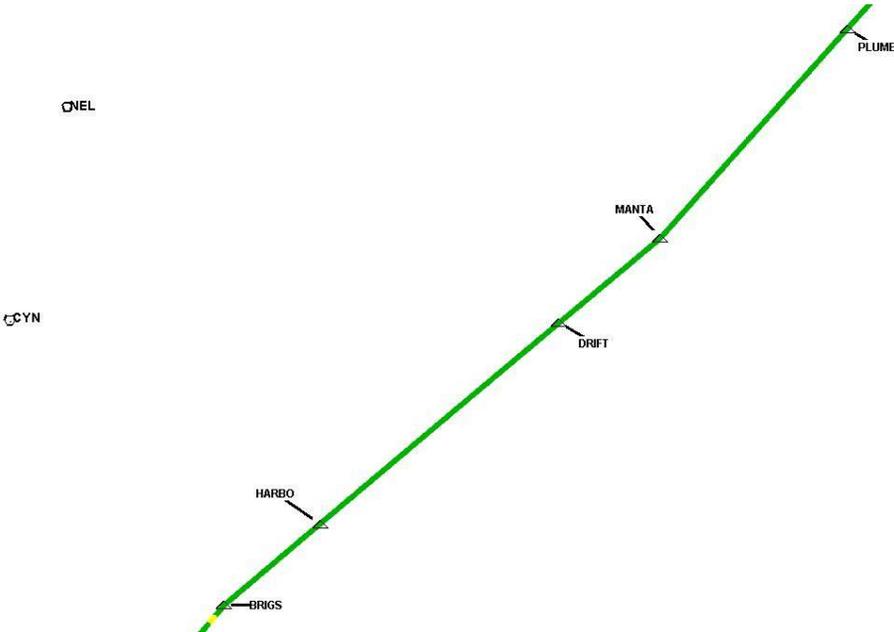
DME DME Assessment Results for EEGOR1 path KALDA_RYMES

Graphic Depiction 4



DME DME Assessment Results for EEGOR1 path KALDA_RYMES

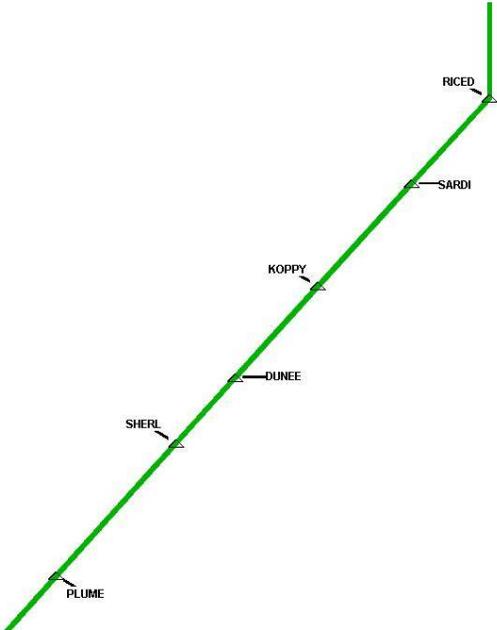
Graphic Depiction 5



DME DME Assessment Results for EEGOR1 path KALDA_RYMES

Graphic Depiction 6

JFK



DME DME Assessment Results for EEGOR1 path KALDA_RYMES

Graphic Depiction 7

