

DME DME Assessment Results for HYPER1 path ALB_KEAVR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\ALB_KEAVR\KCJR HYPER1 RNAV STAR ALB KEAVR 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
ALB	WP	N42° 44' 50.2097", W073° 48' 11.4623"	5000	VNAV	250	FLY_BY	TF
ATWAN	WP	N41° 44' 15.0300", W073° 49' 14.2700"	5000	VNAV	250	FLY_BY	TF
FILGA	WP	N41° 24' 28.1300", W074° 01' 12.3700"	5000	VNAV	250	FLY_BY	TF
KEAVR	WP	N41° 11' 28.2400", W074° 14' 33.6600"	5000	VNAV	250	FLY_BY	TF

Flyability

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

DME DME Assessment Results for HYPER1 path ALB_KEAVR

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	L		NO	Enabled	30.2 %	30.2 %
2	CMK	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	L		NO	Enabled	30.8 %	30.8 %
3	IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	L		NO	Enabled	73.2 %	73.1 %
4	HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	H		NO	Enabled	44 %	44 %
5	PWL	N41° 46' 11.1770", W073° 36' 01.9850"	12.0 W	40	L		NO	Enabled	60.3 %	60.3 %
6	BWZ	N40° 47' 54.3580", W074° 49' 18.5970"	11.0 W	40	L		NO	Enabled	3.9 %	3.9 %
7	ALB	N42° 44' 50.2097", W073° 48' 11.4623"	13.0 W	40	L		NO	Enabled	23.1 %	23.1 %
8	LGA	N40° 47' 01.3731", W073° 52' 06.9569"	12.0 W	40	L		NO	Enabled	14.7 %	14.7 %
9	STW	N40° 59' 44.9510", W074° 52' 08.5090"	11.0 W	40	L		NO	Enabled	8.6 %	8.6 %
10	SAX	N41° 04' 03.1486", W074° 32' 17.9094"	11.0 W	130	H		NO	Enabled	24.7 %	24.7 %
11	CAM	N42° 59' 39.4398", W073° 20' 38.4681"	14.0 W	40	L		NO	Enabled	17.1 %	17.1 %
12	JFK	N40° 37' 58.3816", W073° 46' 17.0103"	12.0 W	130	DH		NO	Enabled	49.1 %	49.1 %

DME DME Assessment Results for HYPER1 path ALB_KEAVR

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CTR	CAM	IGN			
7.0	CTR	CAM	IGN	ALB		
15.0	CTR	CAM	ALB			
16.9	CTR	IGN	ALB			
21.0	CTR	IGN	ALB	PWL		
21.2	CTR	ALB	PWL			
25.1	CTR	IGN	ALB	PWL		
29.9						
42.5	PWL	IGN				
48.7	HUO	PWL	IGN			
50.2	HUO	PWL	IGN	JFK		
57.2	PWL	IGN	JFK			
60.4	PWL	JFK				
63.7	PWL	JFK	HUO			
68.3	CMK	PWL	IGN	HUO	JFK	
93.2	STW	JFK	LGA	HUO	IGN	SAX

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 14' 55.6034", W073° 48' 42.7208"	N42° 02' 21.9046", W073° 48' 55.7014"	12.5577

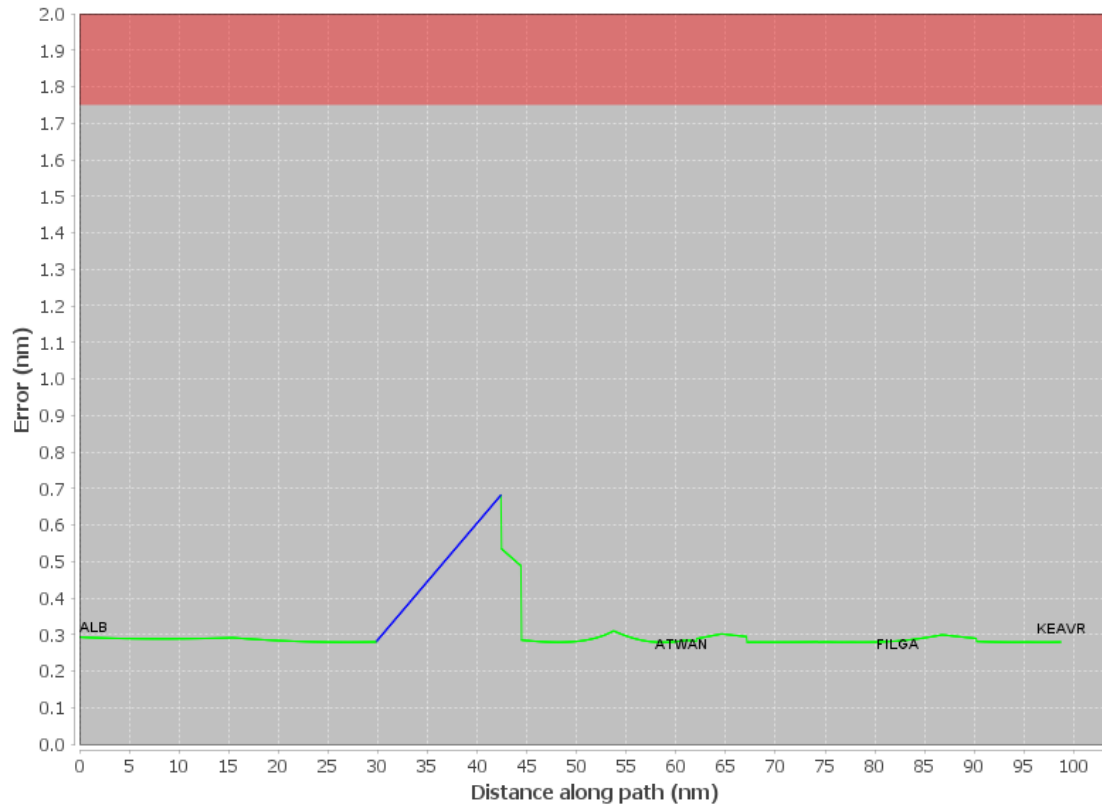
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ALB	ATWAN	CTR, IGN, HUO, PWL, ALB, CAM, JFK	
ATWAN	FILGA	CMK, IGN, HUO, PWL, SAX, JFK	
FILGA	KEAVR	CMK, IGN, HUO, PWL, BWZ, LGA, STW, SAX, JFK	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

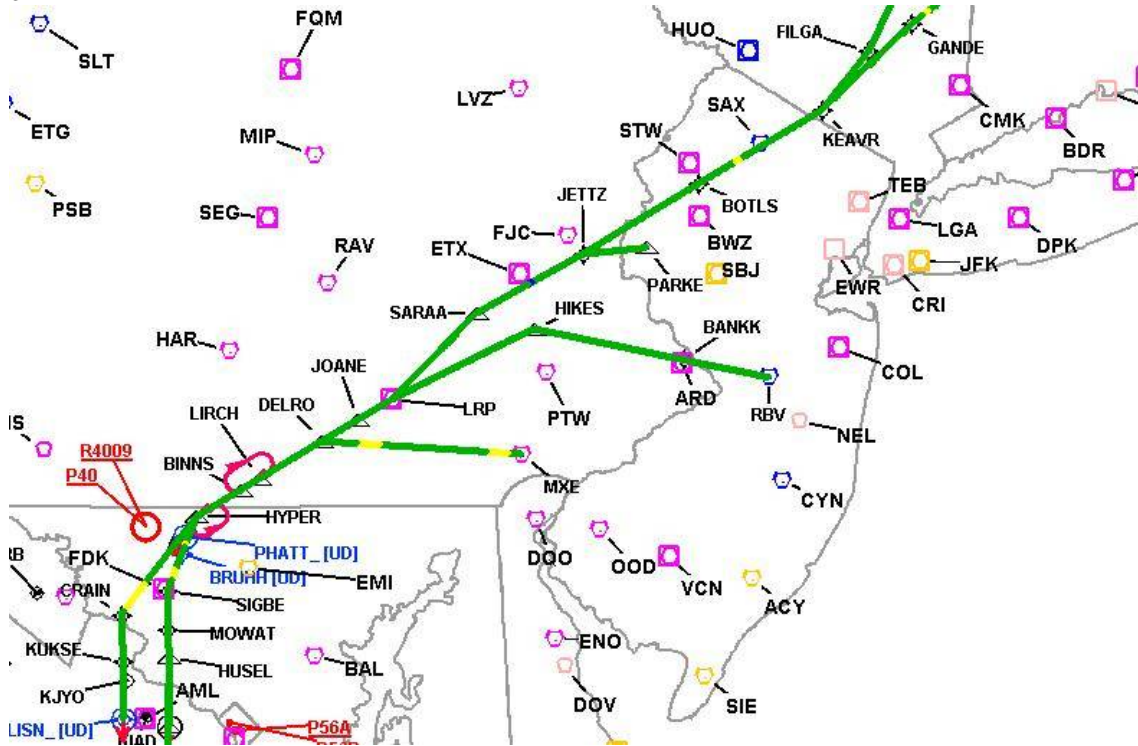
DME DME Assessment Results for HYPER1 path ALB_KEAVR

DME Error



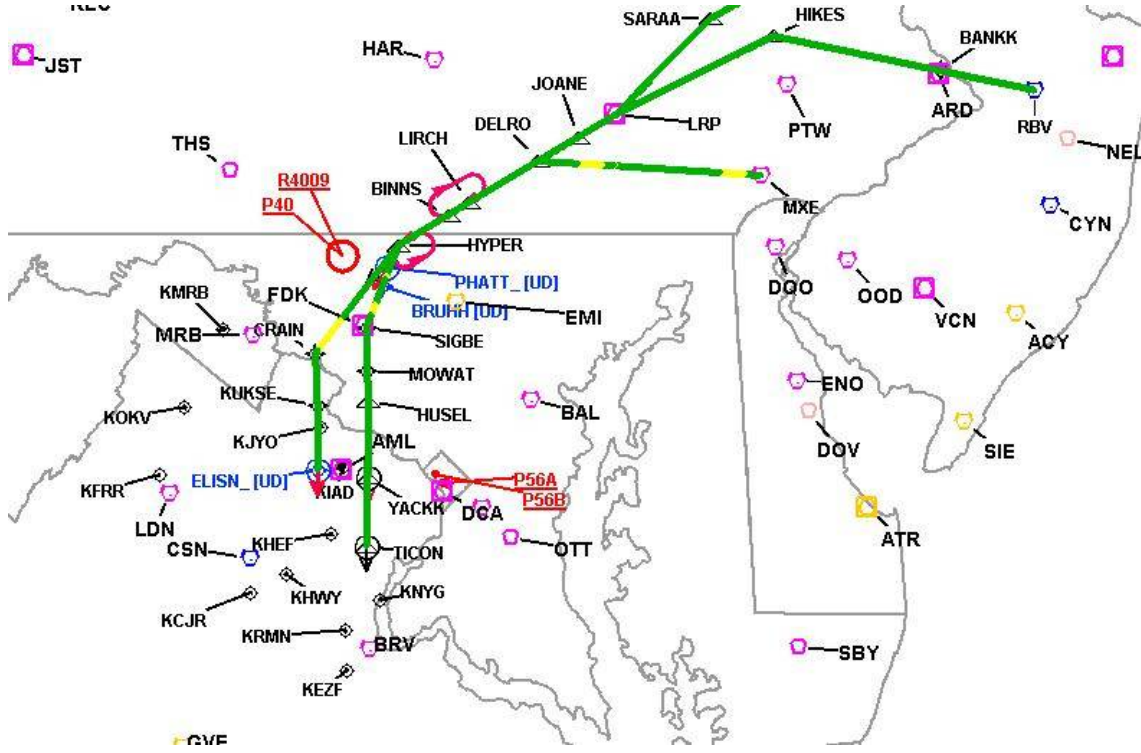
DME DME Assessment Results for HYPER1 path ALB_KEAVR

Graphic Depiction 3



DME DME Assessment Results for HYPER1 path ALB_KEAVR

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path BAF_TICON

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\BAF_TICON\KCJR HYPER1 RNAV STAR BAF TICON 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

DME DME Assessment Results for HYPER1 path BAF_TICON

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BAF	WP	N42° 09' 43.0527", W072° 42' 58.3182"	5000	VNAV	250	FLY_BY	TF
BIGGO	WP	N41° 57' 20.9100", W073° 04' 04.5900"	5000	VNAV	250	FLY_BY	TF
YORKE	WP	N41° 48' 21.7500", W073° 19' 14.1200"	5000	VNAV	250	FLY_BY	TF
GANDE	WP	N41° 30' 36.6600", W073° 48' 52.0300"	5000	VNAV	250	FLY_BY	TF
KEAVR	WP	N41° 11' 28.2400", W074° 14' 33.6600"	5000	VNAV	250	FLY_BY	TF
BOTLS	WP	N40° 55' 08.2400", W074° 49' 48.7900"	5000	VNAV	250	FLY_BY	TF
JETTZ	WP	N40° 39' 35.0000", W075° 22' 44.0000"	5000	VNAV	250	FLY_BY	TF
SARAA	WP	N40° 26' 21.5700", W075° 53' 16.3000"	5000	VNAV	250	FLY_BY	TF
LRP	WP	N40° 07' 11.9119", W076° 17' 28.6633"	5000	VNAV	250	FLY_BY	TF
JOANE	WP	N40° 02' 38.4800", W076° 27' 21.4000"	5000	VNAV	250	FLY_BY	TF
DELRO	WP	N39° 57' 55.7100", W076° 37' 31.2400"	5000	VNAV	250	FLY_BY	TF
LIRCH	WP	N39° 49' 36.3600", W076° 55' 20.0300"	5000	VNAV	250	FLY_BY	TF
BINNS	WP	N39° 47' 06.2200", W077° 00' 39.5800"	5000	VNAV	250	FLY_BY	TF
HYPER	WP	N39° 41' 02.1600", W077° 13' 30.3400"	5000	VNAV	250	FLY_BY	TF
BRUHH	WP	N39° 32' 49.7028", W077° 17' 40.2888"	5000	VNAV	200	FLY_BY	TF
SIGBE	WP	N39° 24' 37.2000", W077° 21' 49.2000"	5000	VNAV	200	FLY_BY	TF
MOWAT	WP	N39° 15' 57.6000", W077° 21' 36.6000"	5000	VNAV	200	FLY_BY	TF
HUSEL	WP	N39° 09' 51.6000", W077° 21' 27.6000"	4000	VNAV	200	FLY_BY	TF
TICON	WP	N38° 40' 45.6000", W077° 21' 42.6000"	3000	VNAV	200	FLY_OVER	TF

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

DME DME Assessment Results for HYPER1 path BAF_TICON

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:	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:	Enabled
Disabled DMEs:	None

DME DME Assessment Results for HYPER1 path BAF_TICON

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	L		NO	Enabled	12.1 %	12.6 %
2	RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	L		NO	Enabled	16 %	16.6 %
3	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L		NO	Enabled	10.8 %	11.3 %
4	BRV	N38° 20' 10.5264", W077° 21' 10.3159"	9.0 W	40	L		NO	Enabled	7.2 %	6.1 %
5	ETX	N40° 34' 51.7405", W075° 41' 02.5085"	9.0 W	40	L		NO	Enabled	21.6 %	22.5 %
6	SAX	N41° 04' 03.1486", W074° 32' 17.9094"	11.0 W	130	H		NO	Enabled	21.9 %	22.8 %
7	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	22 %	22.9 %
8	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	21.5 %	20 %
9	JFK	N40° 37' 58.3816", W073° 46' 17.0103"	12.0 W	130	DH		NO	Enabled	36.2 %	37.7 %
10	GDM	N42° 32' 45.3150", W072° 03' 29.4776"	14.0 W	40	L		NO	Enabled	0.8 %	0.8 %
11	PTW	N40° 13' 20.0346", W075° 33' 36.9030"	9.0 W	40	L		NO	Enabled	21.2 %	22.1 %
12	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L		NO	Enabled	11.2 %	9.4 %
13	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	130	DH		NO	Enabled	15.1 %	15.8 %
14	STW	N40° 59' 44.9510", W074° 52' 08.5090"	11.0 W	40	L		NO	Enabled	21.1 %	21.9 %
15	SBJ	N40° 34' 58.9593", W074° 44' 30.4492"	10.0 W	40	L		NO	Enabled	13.7 %	14.3 %
16	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	40	L		NO	Enabled	6.3 %	6.6 %
17	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	0.8 %	0.7 %
18	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	10.1 %	8.4 %
19	CMK	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	L		NO	Enabled	13.5 %	14 %
20	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	28.1 %	26.3 %
21	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	18.5 %	15.6 %
22	HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	H		NO	Enabled	20.2 %	21 %
23	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	17.8 %	14.8 %
24	PWL	N41° 46' 11.1770", W073° 36' 01.9850"	12.0 W	40	L		NO	Enabled	20.7 %	21.6 %
25	BWZ	N40° 47' 54.3580", W074° 49' 18.5970"	11.0 W	40	L		NO	Enabled	22.5 %	23.4 %
26	CEF	N42° 11' 51.1596", W072° 31' 34.7338"	14.0 W	40	L		NO	Enabled	9.5 %	9.9 %
27	BAF	N42° 09' 43.0527", W072° 42' 58.3182"	14.0 W	40	L		NO	Enabled	10 %	10.4 %
28	LGA	N40° 47' 01.3731", W073° 52' 06.9569"	12.0 W	40	L		NO	Enabled	11.8 %	12.3 %
29	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L		NO	Enabled	10.9 %	9.1 %
30	IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	L		NO	Enabled	22.7 %	23.6 %
31	ARD	N40° 15' 12.0329", W074° 54' 27.4046"	10.0 W	40	L		NO	Enabled	10.2 %	10.6 %
32	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	13.7 %	14.2 %
33	MXE	N39° 55' 04.9801", W075° 40' 14.9574"	9.0 W	40	L		NO	Enabled	14 %	14.6 %

DME DME Assessment Results for HYPER1 path BAF_TICON

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
34	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	13.4 %	12.2 %
35	FJC	N40° 43' 36.0742", W075° 27' 17.0827"	10.0 W	40	L		NO	Enabled	21.2 %	22.1 %

DME DME Assessment Results for HYPER1 path BAF_TICON

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	HFD	CEF	GDM	ORW	BYT	CTR
2.7	HFD	CEF	BYT	CTR	ORW	
20.9	CTR	ORW	HFD	BAF	CEF	IGN
31.4	CTR	HFD	ORW	BAF	IGN	
31.9	CTR	HFD	ORW	BAF		
32.9	CTR	HFD	ORW	JFK	PWL	BAF
35.7	JFK	ORW	CTR	PWL	IGN	BAF
35.9	JFK	ORW	CTR	PWL	IGN	
39.9	CMK	ORW	JFK	PWL	IGN	
43.5	CMK	ORW	JFK	IGN		
44.4	JFK	ORW	IGN			
47.8	JFK	ORW	IGN	PWL		
49.9	JFK	IGN	PWL			
57.8	PWL	IGN				
58.2	CMK	HUO	JFK	IGN	PWL	
59.8	PWL	IGN				
60.0	HUO	IGN	JFK	PWL		
60.9	HUO	IGN	JFK	CMK	PWL	
84.3	STW	JFK	LGA	HUO	IGN	SAX
94.7	LGA	BWZ	JFK	HUO	SAX	STW
101.7	STW	HUO	JFK	BWZ	LGA	
109.4	JFK	BWZ	LGA	SBJ	HUO	
112.0	JFK	BWZ	STW	HUO	SBJ	SAX
117.6	JFK	BWZ	HUO	SBJ	FJC	SAX
123.0	JFK	HUO	SBJ	FJC	SAX	
125.1	SBJ	FJC	STW	JFK	SAX	
138.1	ARD	ETX	FJC	BWZ	SAX	JFK
145.2	PTW	SBJ	ARD	ETX	STW	FJC
148.9	STW	ARD	PTW	SBJ	ETX	BWZ
149.9	STW	ARD	ETX	JFK	PTW	BWZ
152.8	STW	ARD	BWZ	ETX	PTW	
159.5	ETX	PTW	ARD	FJC	BWZ	
161.9	ETX	PTW	BWZ			
162.5	BWZ	PTW				
163.6						
164.5	PTW	FJC				
164.8	LRP	PTW	FJC			
167.2	LRP	PTW	FJC	MXE		
168.0	LRP	PTW	FJC	MXE	ETX	
168.3	LRP	PTW	FJC	MXE		
169.9	LRP	PTW	FJC	ETX	MXE	
191.0	ETX	MXE	LRP	RAV	PTW	
200.6	RAV	ETX	MXE	PTW		
204.3	RAV	PTW	MXE			
204.8	RAV	PTW	HAR	MXE		
207.3	RAV	LRP	PTW	MXE	HAR	
209.1	RAV	LRP	MXE	HAR		
213.5	RAV	LRP	HAR			
216.0	HAR	EMI	RAV	LRP		
224.7	HAR	LRP	EMI			
231.7	HAR	LRP	FDK	EMI		
233.8	HAR	LRP	FDK			
235.4	HAR	LRP	FDK	EMI		
244.1	FDK	EMI				
248.8	MRB	EMI	FDK	HAR		
253.3	MRB	EMI	FDK			

DME DME Assessment Results for HYPER1 path BAF_TICON

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
254.7	MRB	EMI	FDK	HAR		
256.0	FDK	EMI	MRB			
261.1	FDK	EMI	AML	THS	MRB	
261.9	AML	EMI	FDK	MRB		
266.0	AML	EMI	MRB			
267.3	MRB	DCA	AML	EMI	FDK	THS
268.9	MRB	DCA	EMI	AML	FDK	
269.4	AML	EMI	MRB			
271.3	EMI	DCA	MRB	AML		
274.1	EMI	DCA	MRB	AML	BAL	
283.3	ADW	EMI	DCA	FDK	BAL	AML
298.0	EMI	DCA	ADW	FDK	BAL	BRV
300.8	BRV	DCA	FDK	ADW	BAL	CSN
302.0	BRV	DCA	ADW	BAL	CSN	
302.9	BRV	DCA	ADW	CSN		
303.6	BRV	DCA	ADW	AML	CSN	
308.5	AML	CSN	BRV	DCA		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N40° 33' 15.7403", W075° 37' 23.6741"	N40° 32' 51.0752", W075° 38' 20.6386"	0.8322

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BAF	BIGGO	CTR, GDM, IGN, PWL, CEF, ORW, HFD, BAF, BYT	
BIGGO	YORKE	CTR, IGN, PWL, CEF, ORW, HFD, BAF, BYT, JFK	
YORKE	GANDE	CTR, CMK, IGN, HUO, PWL, ORW, HFD, BAF, JFK	
GANDE	KEAVR	CMK, IGN, HUO, PWL, BWZ, LGA, STW, SAX, JFK	
KEAVR	BOTLS	CMK, IGN, HUO, BWZ, STW, LGA, SBJ, SAX, JFK, FJC	
BOTLS	JETTZ	PTW, HUO, ARD, BWZ, STW, ETX, SBJ, SAX, JFK, FJC	
JETTZ	SARAA	PTW, ARD, BWZ, RAV, STW, ETX, LRP, MXE, JFK, FJC	
SARAA	LRP	PTW, RAV, ETX, LRP, MXE, FJC	
LRP	JOANE	PTW, RAV, HAR, MXE, LRP	
JOANE	DELRO	EMI, RAV, HAR, LRP, MXE	
DELRO	LIRCH	EMI, RAV, HAR, LRP, FDK	
LIRCH	BINNS	EMI, HAR, LRP, FDK	
BINNS	HYPER	EMI, HAR, LRP, FDK, MRB	
HYPER	BRUHH	EMI, AML, HAR, MRB, FDK, THS	
BRUHH	SIGBE	AML, EMI, DCA, MRB, FDK, THS	
SIGBE	MOWAT	AML, EMI, DCA, ADW, MRB, FDK, BAL	
MOWAT	HUSEL	AML, EMI, DCA, ADW, MRB, FDK, BAL	
HUSEL	TICON	EMI, AML, DCA, ADW, BRV, FDK, MRB, BAL, CSN	

DME DME Assessment Results for HYPER1 path BAF_TICON

User Data Files

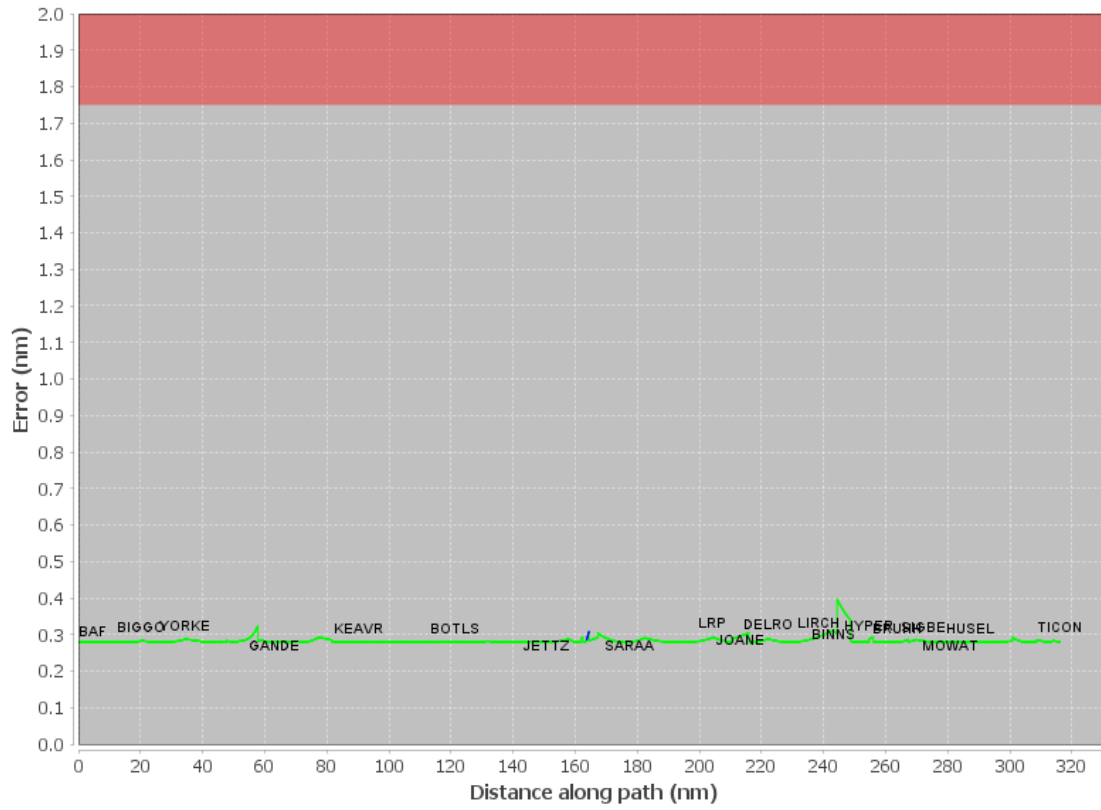
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

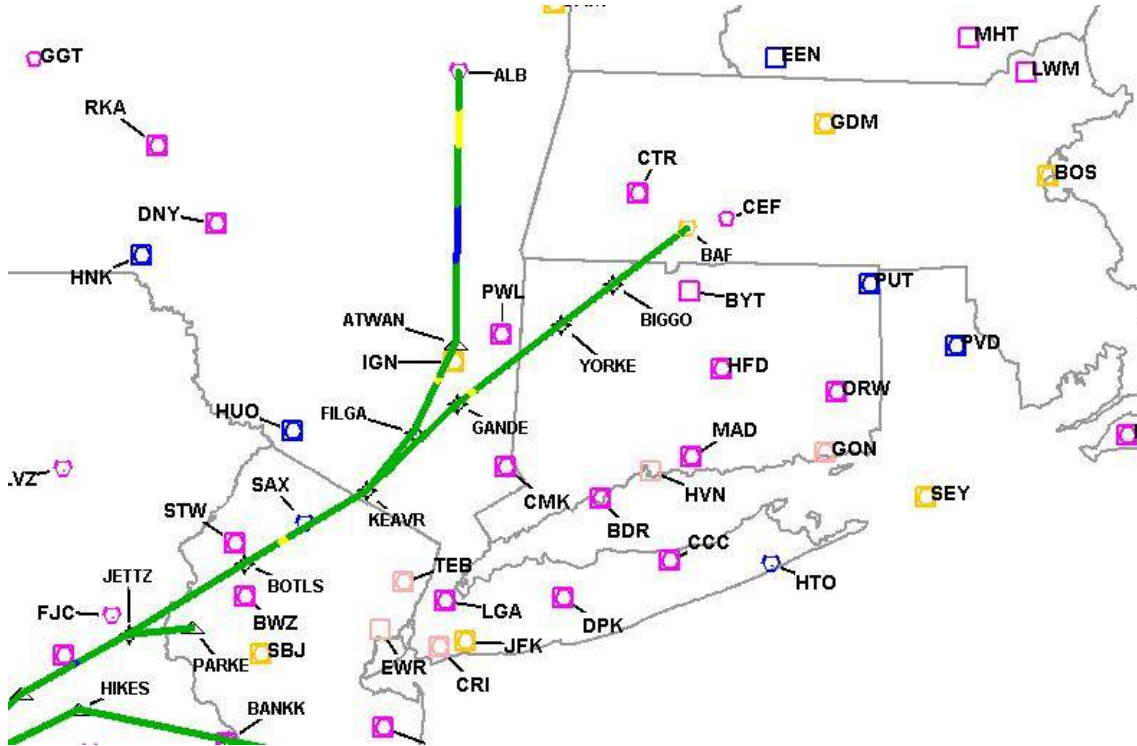
DME DME Assessment Results for HYPER1 path BAF_TICON

DME Error



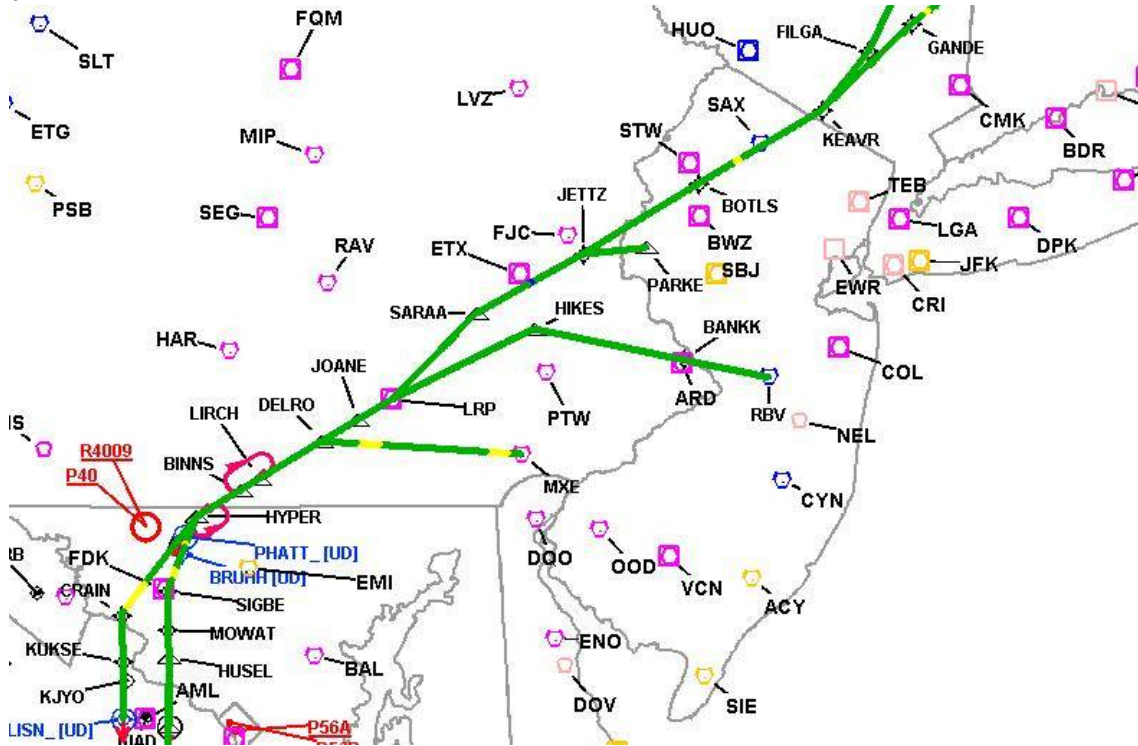
DME DME Assessment Results for HYPER1 path BAF_TICON

Graphic Depiction 2



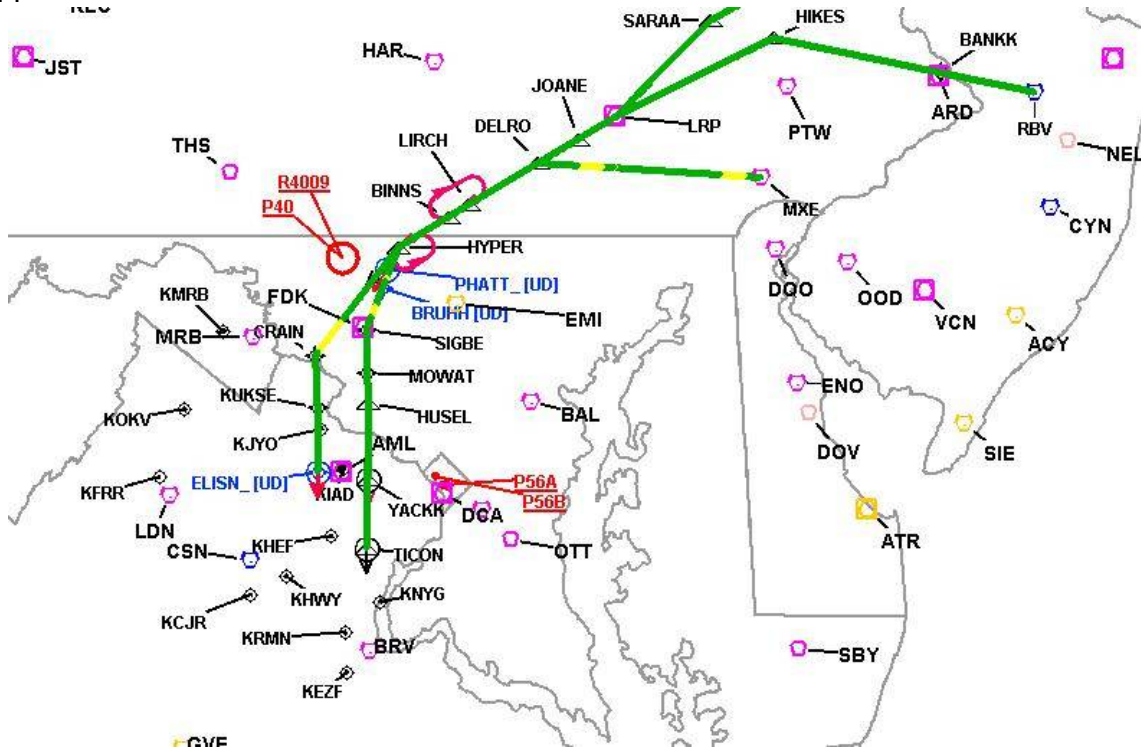
DME DME Assessment Results for HYPER1 path BAF_TICON

Graphic Depiction 3



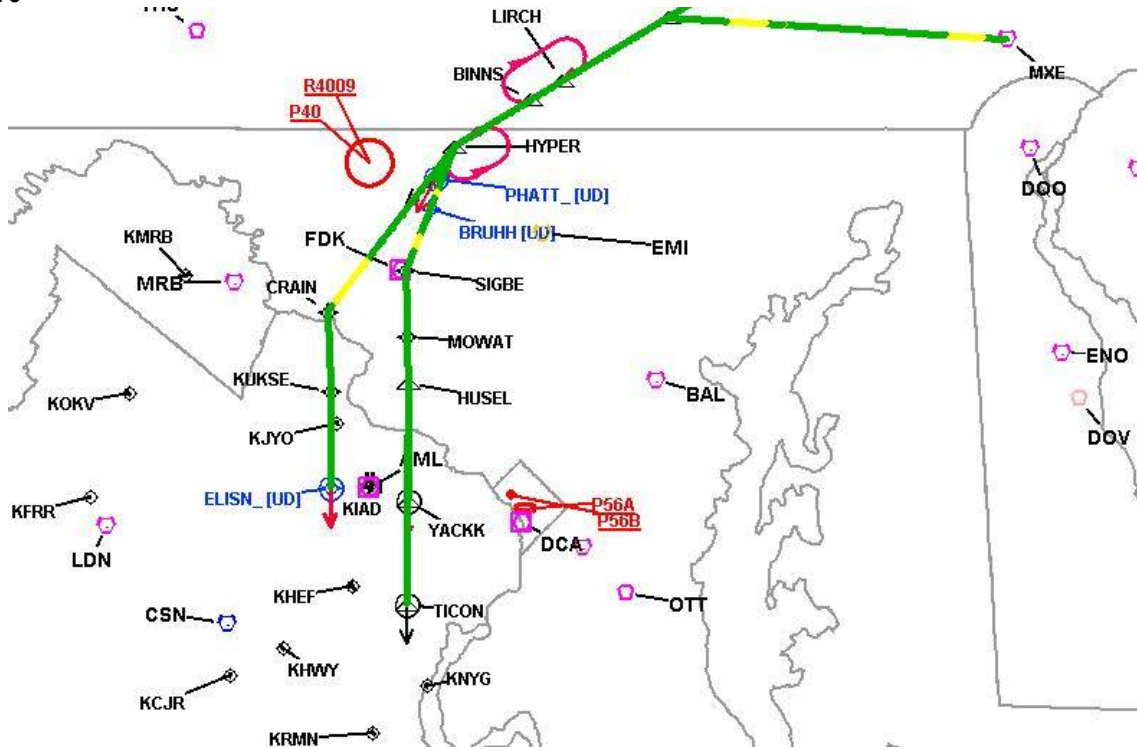
DME DME Assessment Results for HYPER1 path BAF_TICON

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path BAF_TICON

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path BINNS_HYPER

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\BINNS_HYPER\KCJR HYPER1 RNAV STAR BINNS HYPER 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BINNS	WP	N39° 47' 06.2200", W077° 00' 39.5800"	5000	VNAV	250	FLY_BY	TF
HYPER	WP	N39° 41' 02.1600", W077° 13' 30.3400"	5000	VNAV	250	FLY_BY	TF

Flyability

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

DME DME Assessment Results for HYPER1 path BINNS_HYPER

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	100 %	100 %
2	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	47 %	47 %
3	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	8.9 %	8.9 %
4	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	100 %	100 %
5	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	50 %	50 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	HAR	LRP	EMI	FDK		
1.1	FDK	EMI				
5.8	MRB	EMI	FDK	HAR		
10.3	MRB	EMI	FDK			

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
BINNS	HYPER	EMI, HAR, LRP, FDK, MRB	

DME DME Assessment Results for HYPER1 path BINNS_HYPER

User Data Files

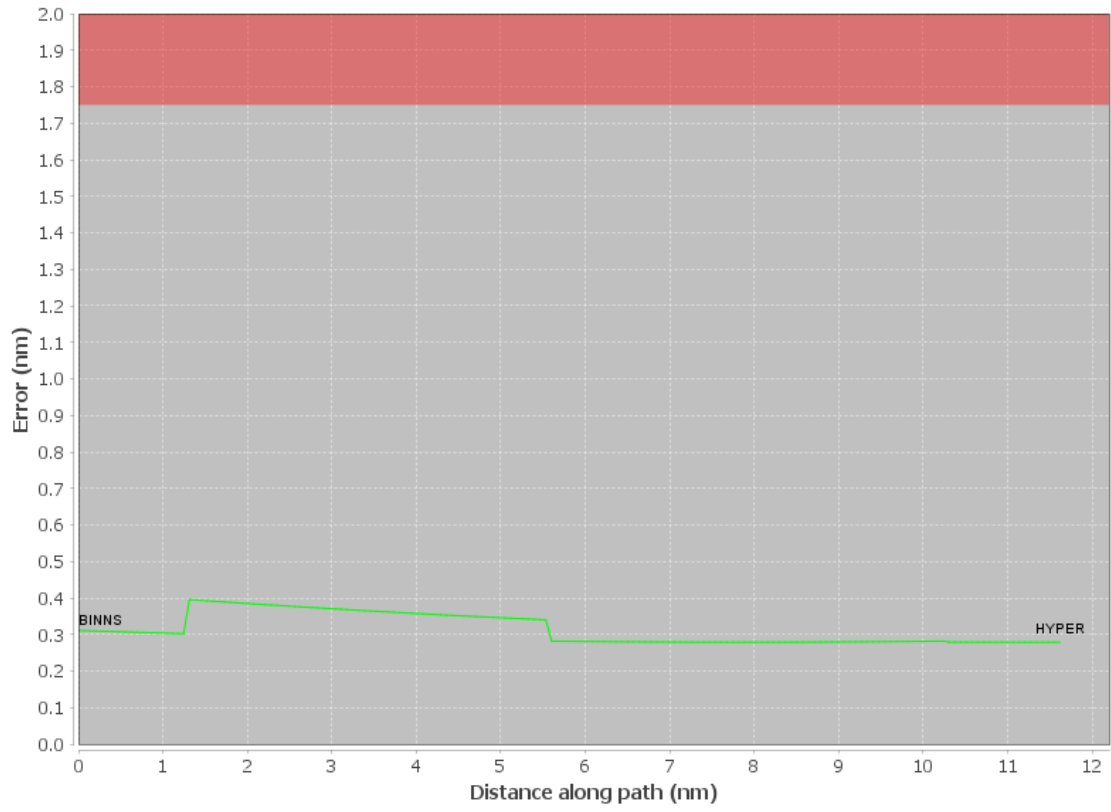
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
	ESV:	Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
	ESV:	Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
	ESV:	Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

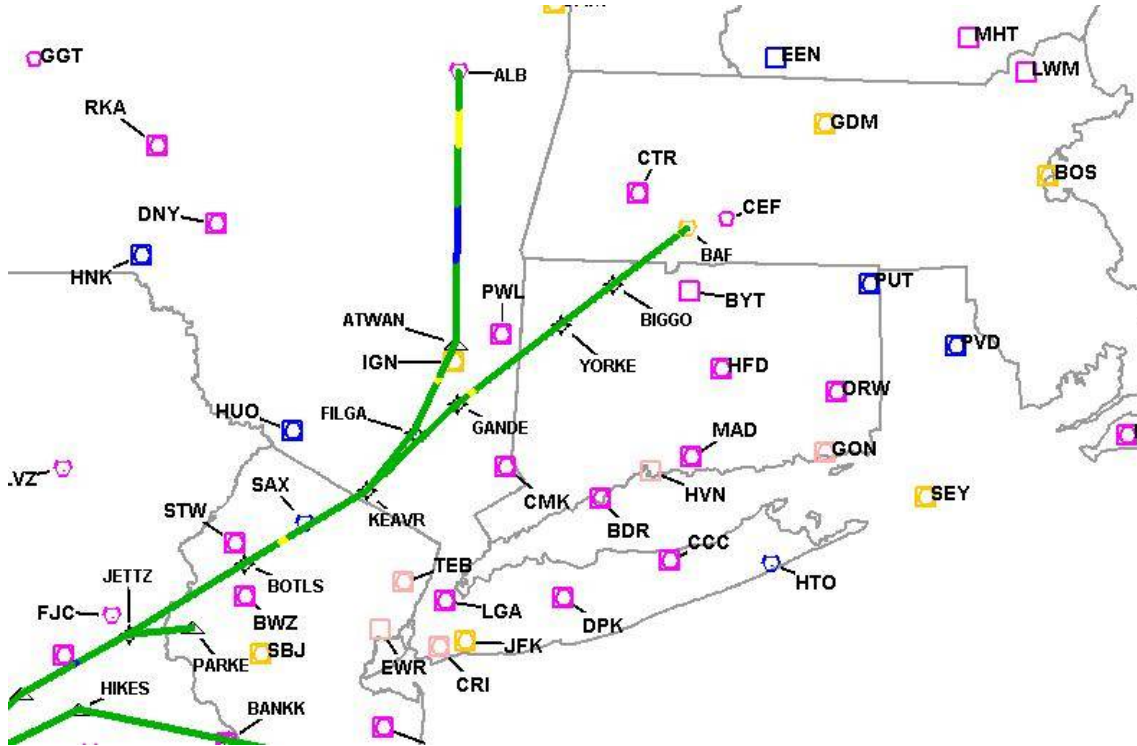
DME DME Assessment Results for HYPER1 path BINNS_HYPER

DME Error



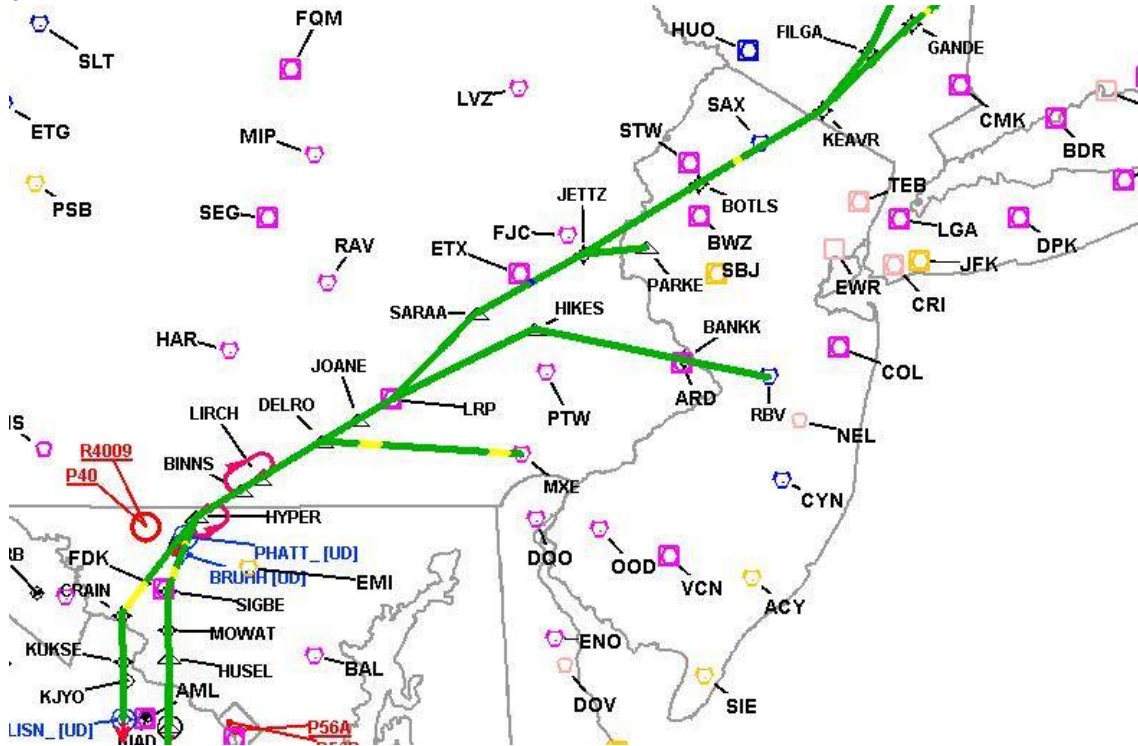
DME DME Assessment Results for HYPER1 path BINNS_HYPER

Graphic Depiction 2



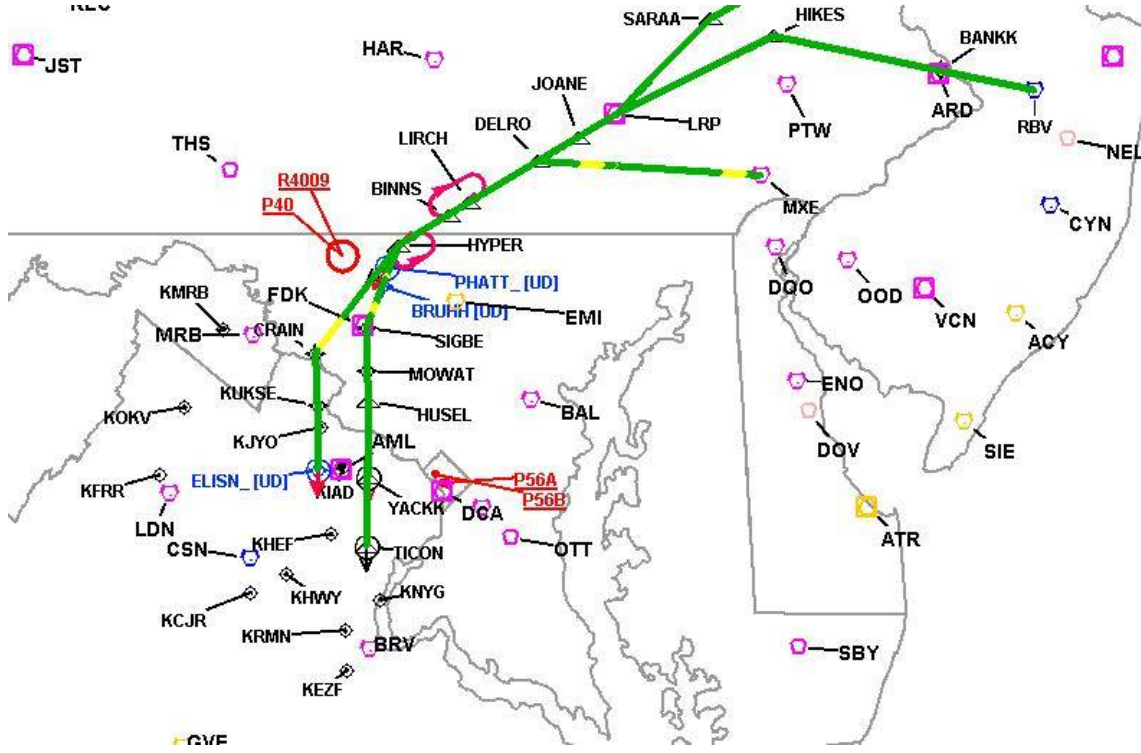
DME DME Assessment Results for HYPER1 path BINNS_HYPER

Graphic Depiction 3



DME DME Assessment Results for HYPER1 path BINNS_HYPER

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path HUSEL_YACKK

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\HUSEL_YACKK\KCJR HYPER1 RNAV STAR HUSEL YACKK 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HUSEL	WP	N39° 09' 51.6000", W077° 21' 27.6000"	4000	VNAV	200	FLY_BY	TF
YACKK	WP	N38° 54' 28.8000", W077° 21' 25.2000"	4000	VNAV	210	FLY_OVER	TF

Flyability

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

DME DME Assessment Results for HYPER1 path HUSEL_YACKK

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	89.6 %	89.5 %
2	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	71.2 %	71.1 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	100 %	100 %
4	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L		NO	Enabled	100 %	100 %
5	BRV	N38° 20' 10.5264", W077° 21' 10.3159"	9.0 W	40	L		NO	Enabled	35.3 %	35.4 %
6	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	97.2 %	97.1 %
7	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	93.2 %	93.1 %
8	BAL	N39° 10' 15.8283", W076° 39' 40.5225"	11.0 W	40	L		NO	Enabled	100 %	100 %
9	OTT	N38° 42' 21.1352", W076° 44' 41.0854"	10.0 W	40	L		NO	Enabled	71.5 %	71.5 %
10	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	83 %	83 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ADW	EMI	FDK	BAL	DCA	AML
11.0	OTT	EMI	MRB	CSN	DCA	ADW
13.8	MRB	CSN	BAL	BRV	DCA	FDK
15.0	MRB	CSN	BRV	DCA	BAL	ADW
15.3	BRV	DCA	ADW	OTT	BAL	CSN

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

DME DME Assessment Results for HYPER1 path HUSEL_YACKK

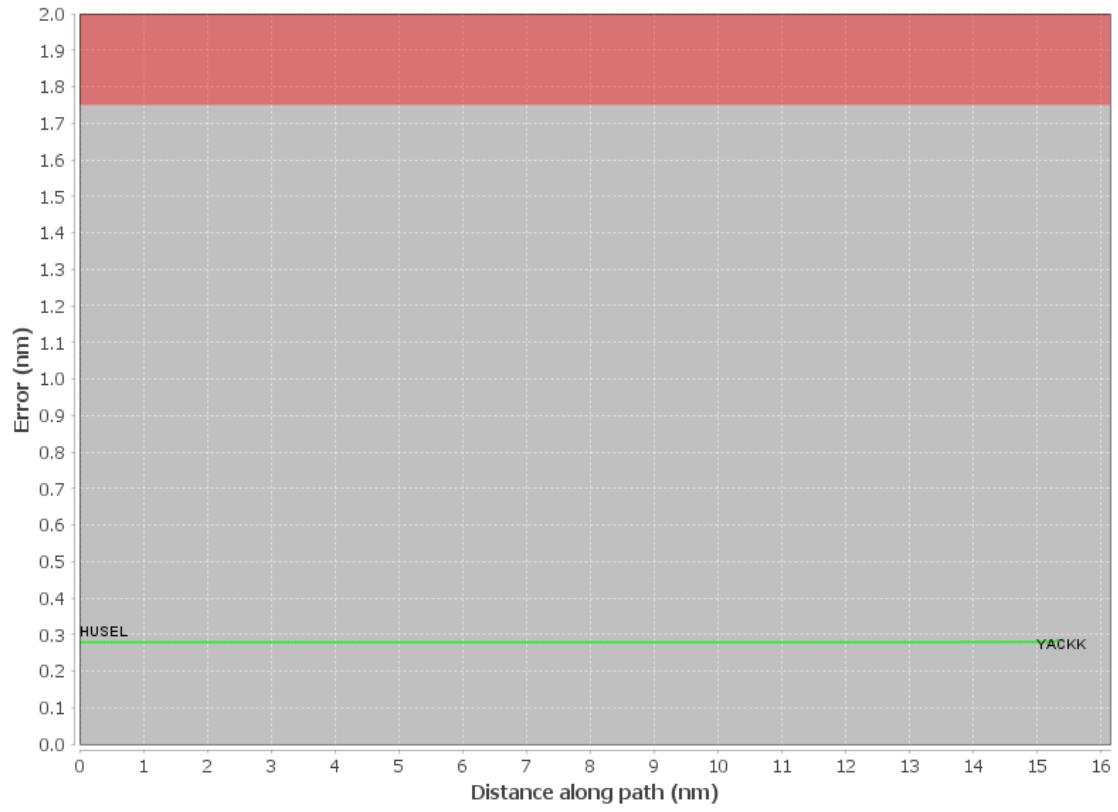
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HUSEL	YACKK	EMI, AML, DCA, ADW, BRV, FDK, MRB, BAL, OTT, CSN	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
	ESV:	Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
	ESV:	Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
	ESV:	Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

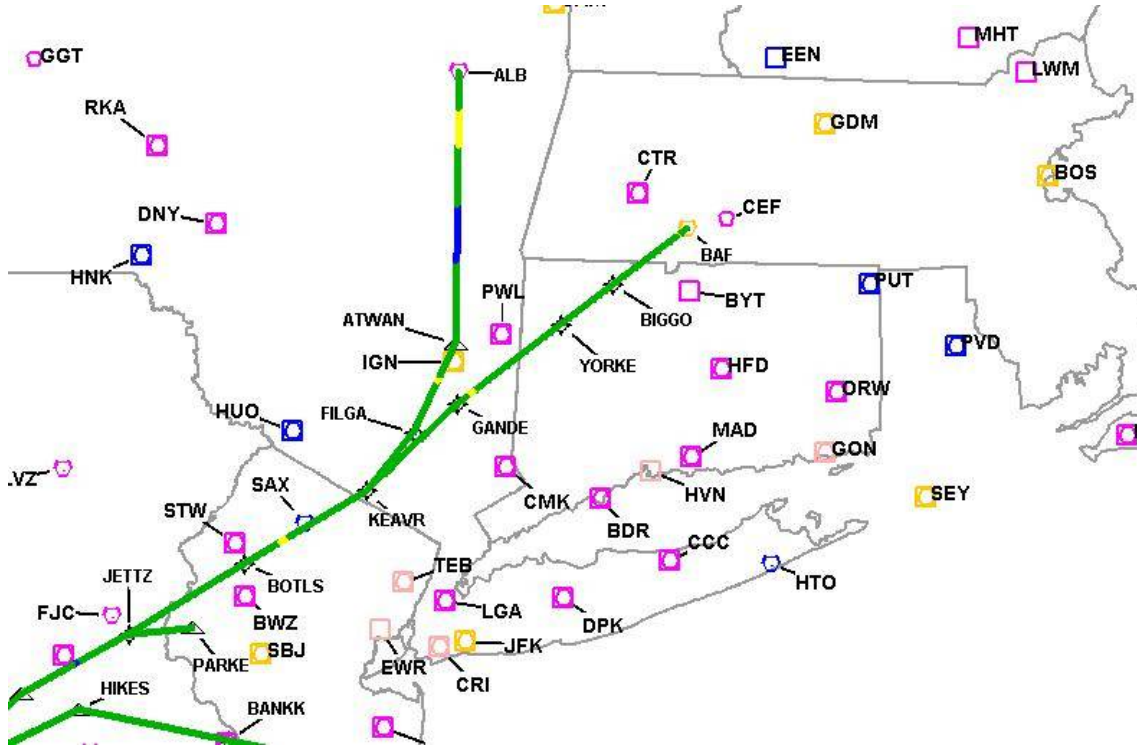
DME DME Assessment Results for HYPER1 path HUSEL_YACKK

DME Error



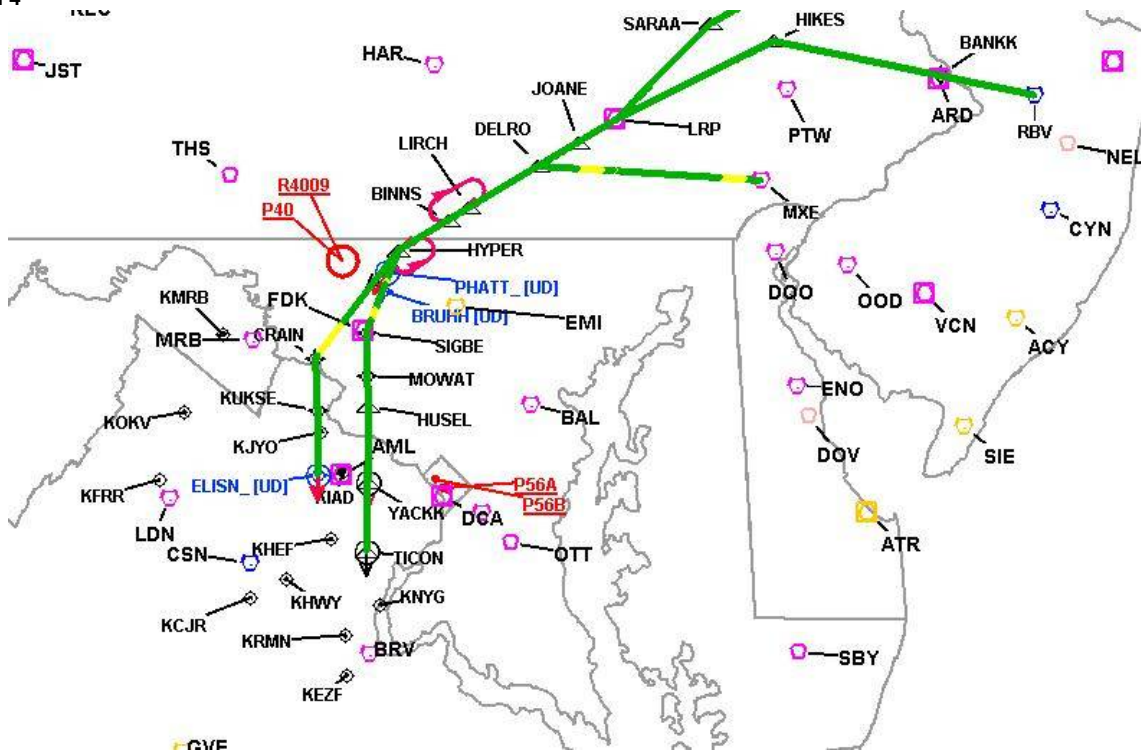
DME DME Assessment Results for HYPER1 path HUSEL_YACKK

Graphic Depiction 2



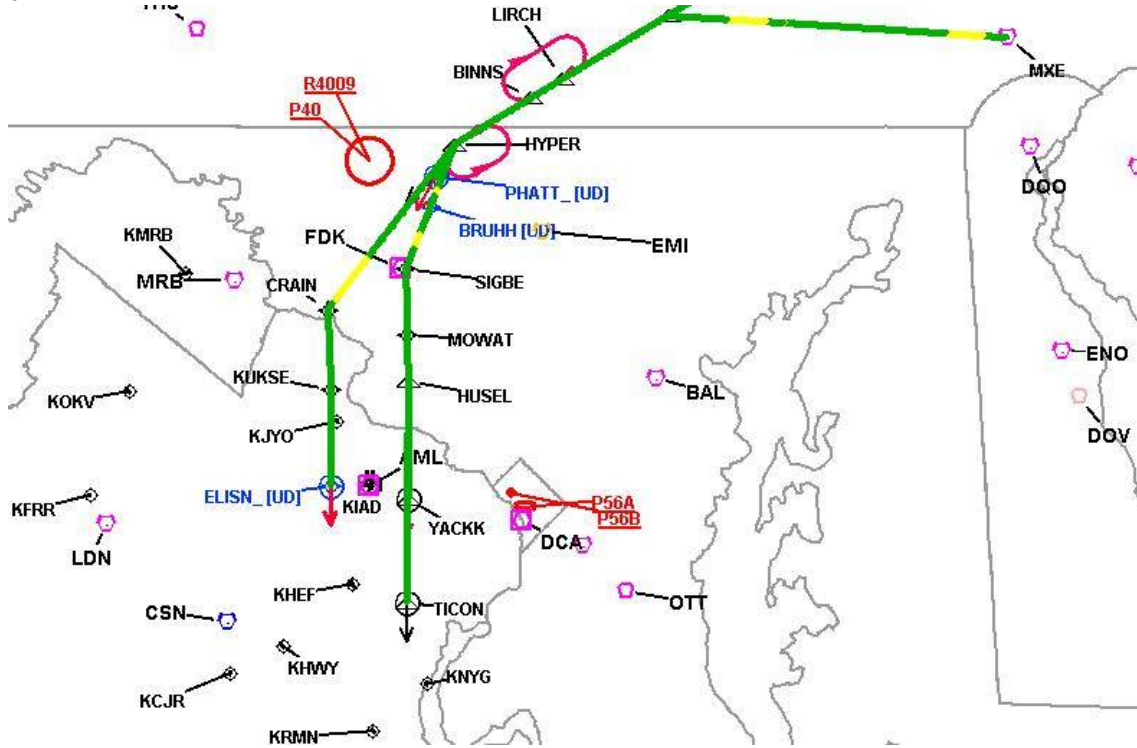
DME DME Assessment Results for HYPER1 path HUSEL_YACKK

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path HUSEL_YACKK

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path HYPER_BRUHH

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\HYPER_BRUHH\KCJR HYPER1 RNAV STAR HYPER BRUHH 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HYPER	WP	N39° 41' 02.1600", W077° 13' 30.3400"	5000	VNAV	250	FLY_BY	TF
BRUHH	WP	N39° 32' 49.7028", W077° 17' 40.2888"	5000	VNAV	200	FLY_BY	TF

Flyability

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

DME DME Assessment Results for HYPER1 path HYPER_BRUHH

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	100 %	100 %
2	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	26.8 %	26.8 %
3	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	15 %	15 %
4	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	100 %	100 %
5	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	100 %	100 %
6	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	7.9 %	7.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	EMI	FDK	HAR		
1.4	FDK	EMI	MRB			
6.5	FDK	EMI	AML	THS	MRB	
7.2	AML	EMI	FDK	MRB		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HYPER	BRUHH	EMI, AML, HAR, MRB, FDK, THS	

DME DME Assessment Results for HYPER1 path HYPER_BRUHH

User Data Files

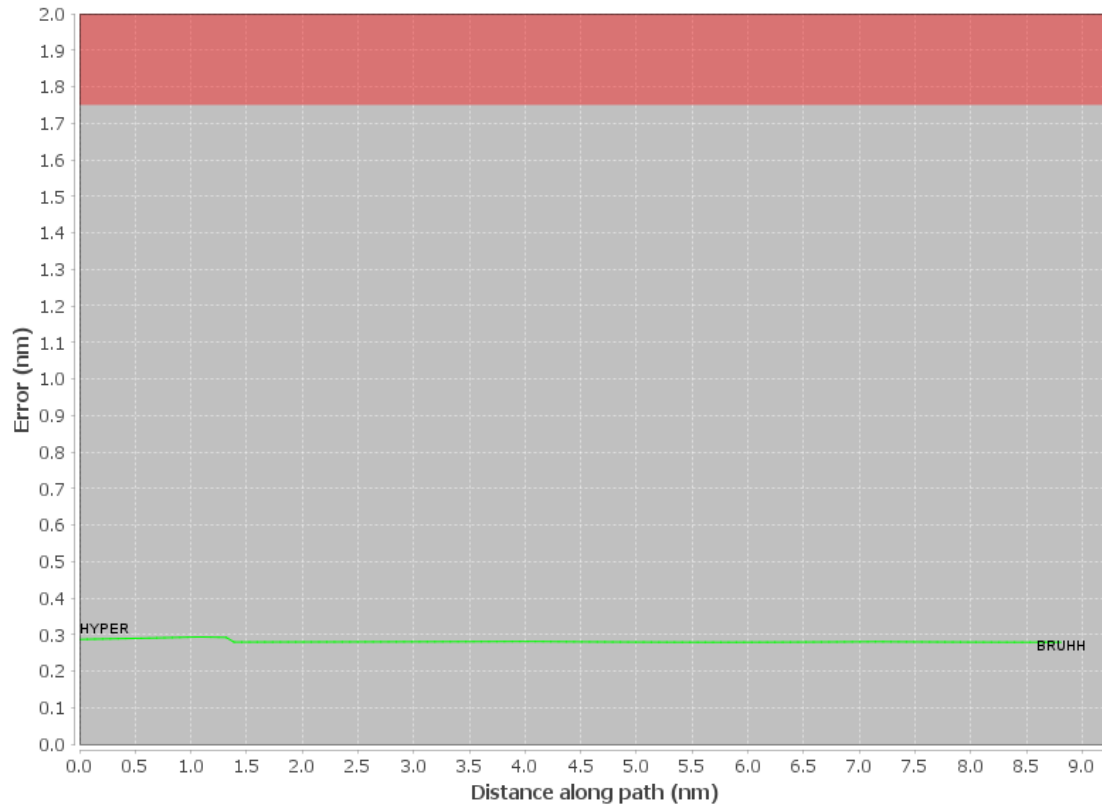
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

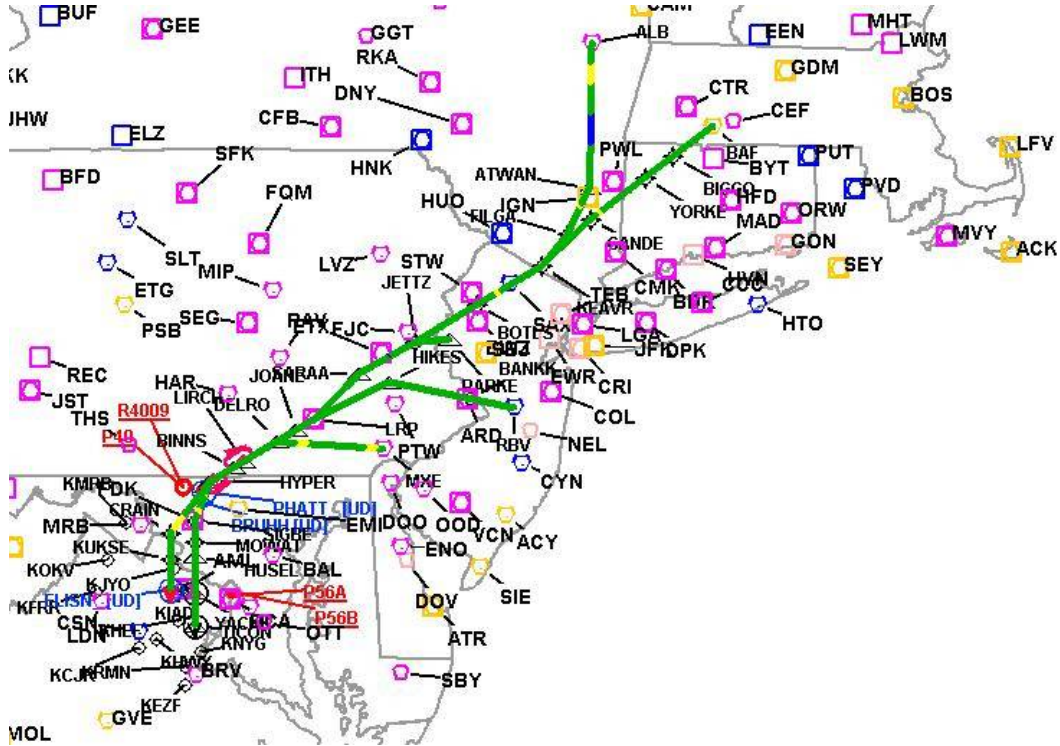
DME DME Assessment Results for HYPER1 path HYPER_BRUHH

DME Error



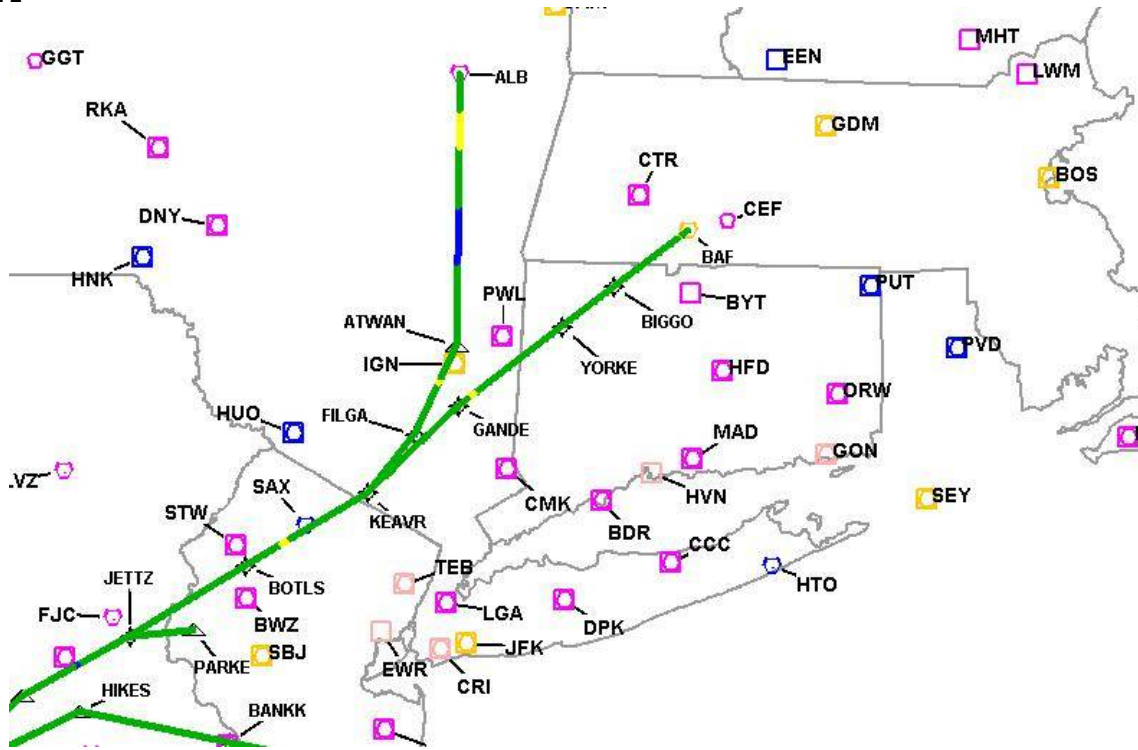
DME DME Assessment Results for HYPER1 path HYPER_BRUHH

Graphic Depiction 1



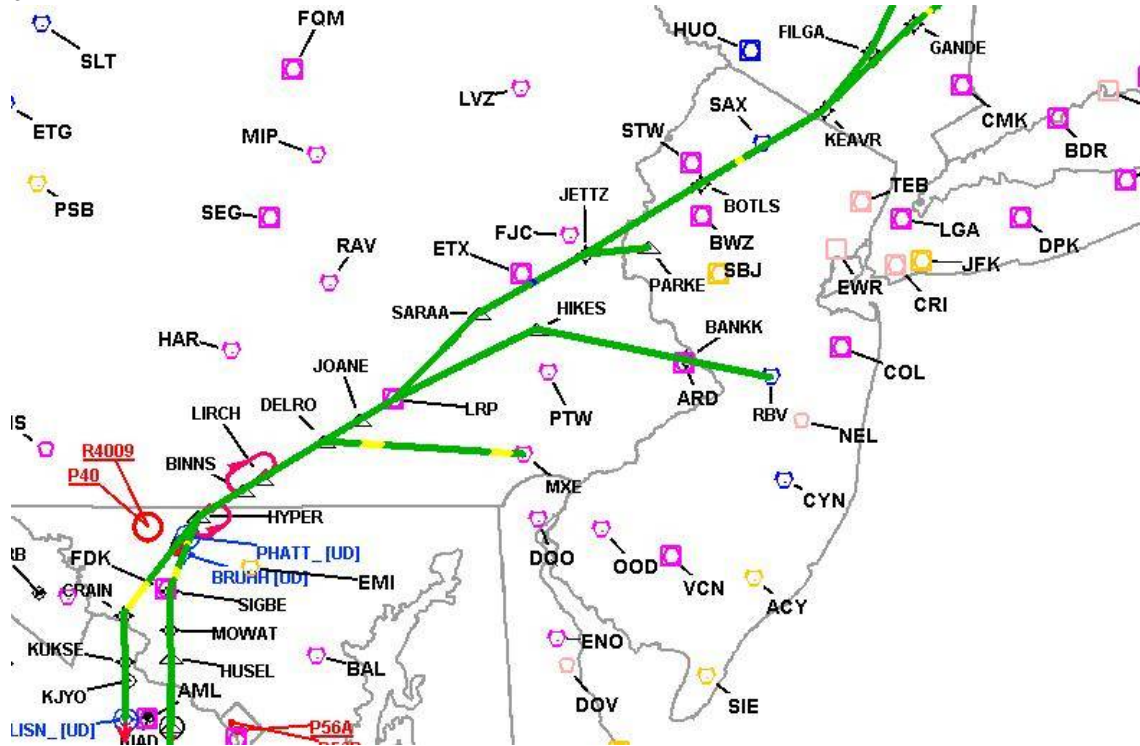
DME DME Assessment Results for HYPER1 path HYPER_BRUHH

Graphic Depiction 2



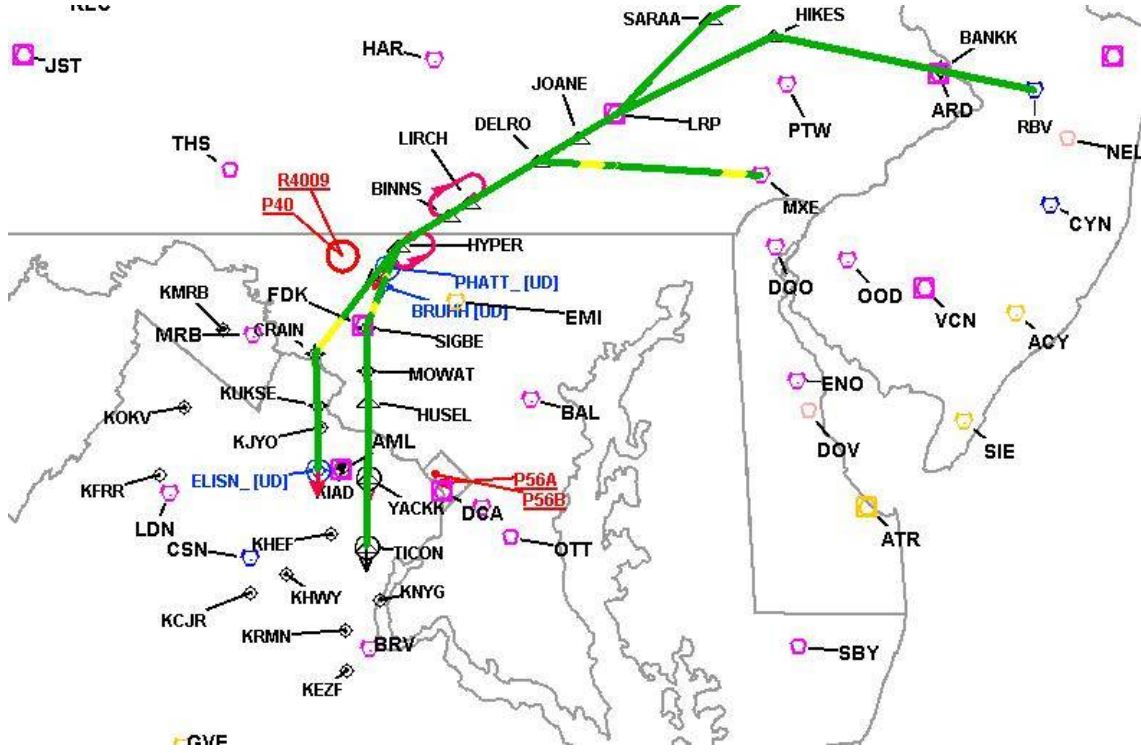
DME DME Assessment Results for HYPER1 path HYPER_BRUHH

Graphic Depiction 3



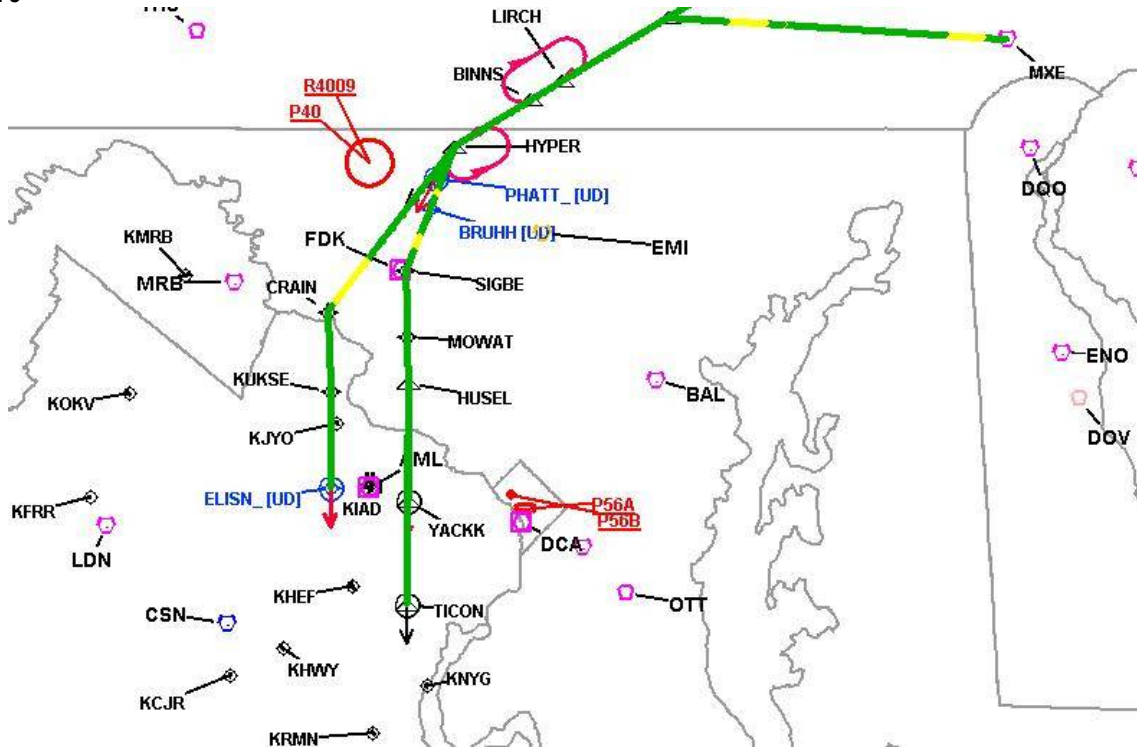
DME DME Assessment Results for HYPER1 path HYPER_BRUHH

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path HYPER_BRUHH

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path HYPER_CRAIN

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\HYPER_CRAIN\KCJR HYPER1 RNAV STAR HYPER CRAIN 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HYPER	WP	N39° 41' 02.1600", W077° 13' 30.3400"	5000	VNAV	250	FLY_BY	TF
CRAIN	WP	N39° 19' 14.4654", W077° 35' 01.2513"	5000	VNAV	200	FLY_BY	TF

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

DME DME Assessment Results for HYPER1 path HYPER_CRAIN

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	100 %	100 %
2	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	65.6 %	65.6 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	27.1 %	27.1 %
4	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	1 %	1 %
5	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	100 %	100 %
6	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	82.8 %	82.8 %
7	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	62.8 %	62.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	EMI	FDK	HAR		
0.3	MRB	EMI	FDK			
3.4	FDK	THS	EMI	MRB		
9.4	AML	EMI	FDK	MRB	THS	
13.3	AML	EMI	MRB	FDK		
14.2	AML	EMI	MRB			
18.9	AML	EMI	MRB	FDK	DCA	THS
26.4	AML	EMI	FDK	MRB		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HYPER	CRAIN	EMI, AML, DCA, HAR, MRB, FDK, THS	

DME DME Assessment Results for HYPER1 path HYPER_CRAIN

User Data Files

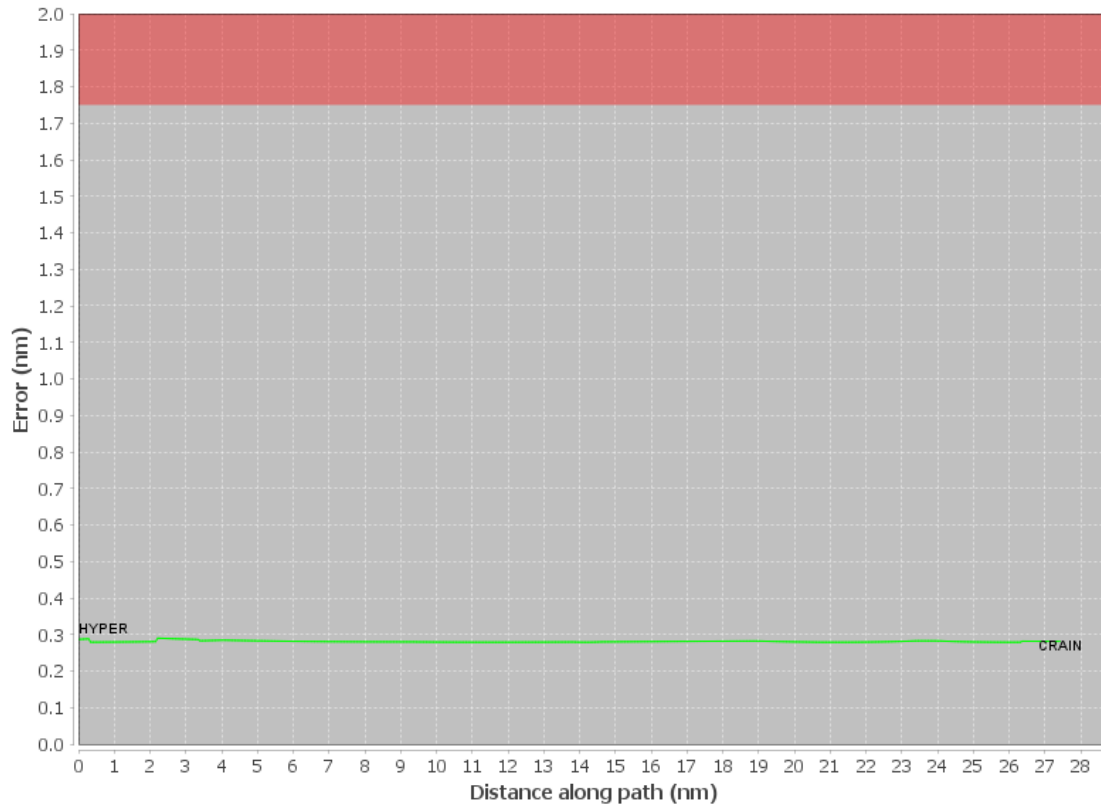
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
	ESV:	Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
	ESV:	Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
	ESV:	Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

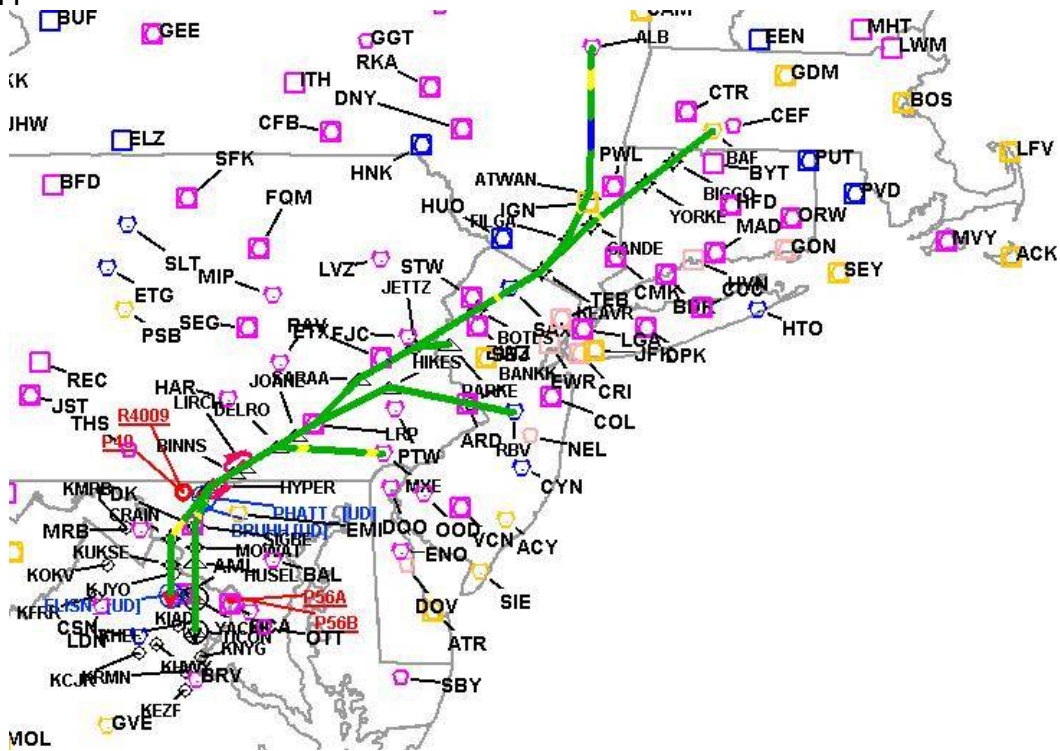
DME DME Assessment Results for HYPER1 path HYPER_CRAIN

DME Error



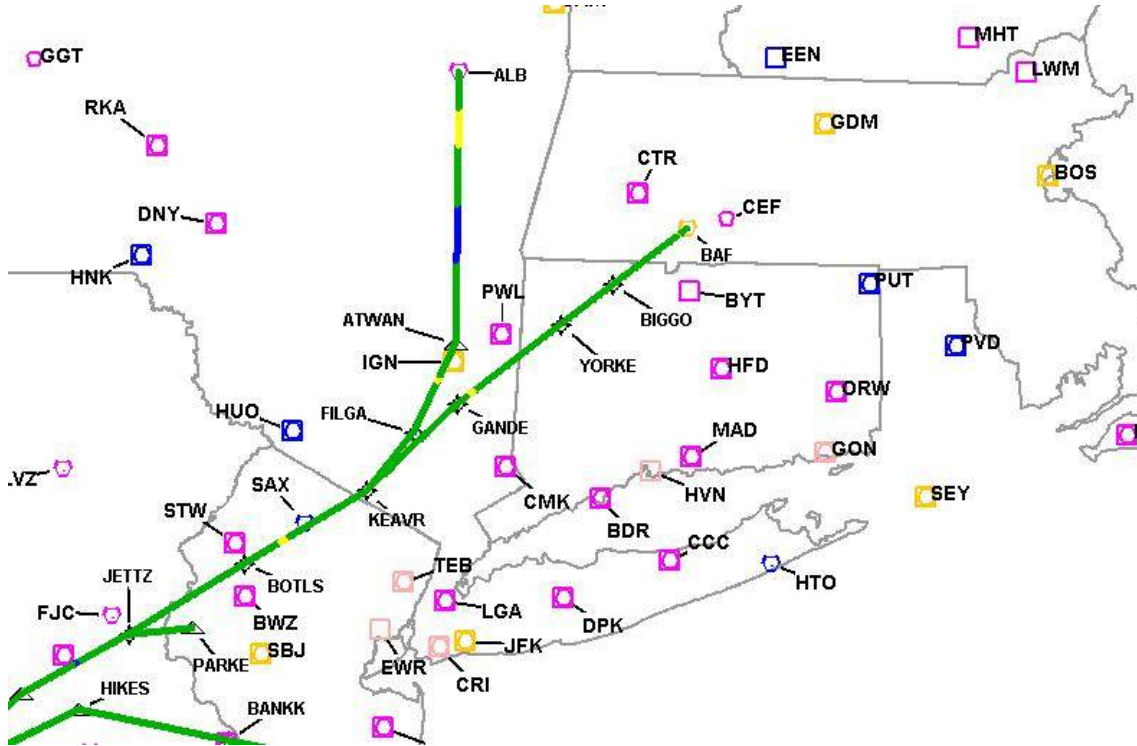
DME DME Assessment Results for HYPER1 path HYPER_CRAIN

Graphic Depiction 1



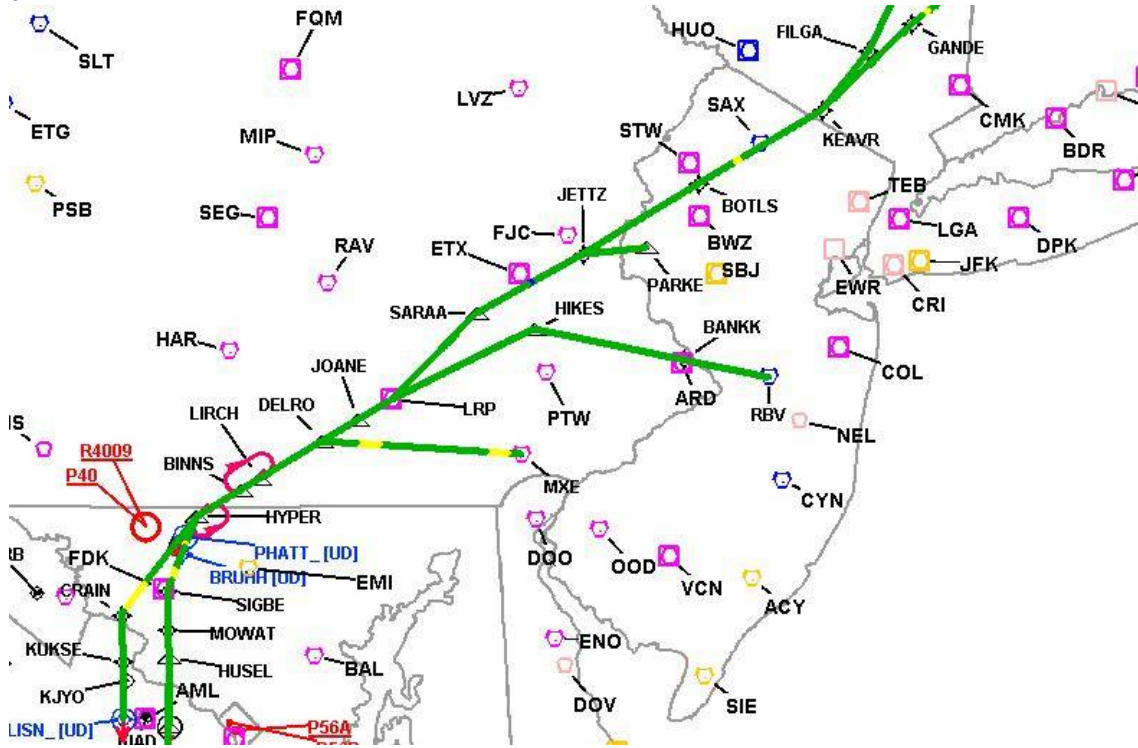
DME DME Assessment Results for HYPER1 path HYPER_CRAIN

Graphic Depiction 2



DME DME Assessment Results for HYPER1 path HYPER_CRAIN

Graphic Depiction 3



DME DME Assessment Results for HYPER1 path HYPER_ELISN_

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\HYPER_ELISN_KCJR HYPER1 RNAV STAR HYPER ELISN 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HYPER	WP	N39° 41' 02.1600", W077° 13' 30.3400"	5000	VNAV	250	FLY_BY	TF
CRAIN	WP	N39° 19' 14.4654", W077° 35' 01.2513"	5000	VNAV	200	FLY_BY	TF
KUKSE	WP	N39° 08' 50.8600", W077° 34' 28.6500"	5000	VNAV	200	FLY_BY	TF
ELISN	WP	N38° 56' 04.5279", W077° 34' 25.5630"	4000	VNAV	200	FLY_OVER	TF

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

DME DME Assessment Results for HYPER1 path HYPER_ELISN_

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	79.6 %	81.8 %
2	AML	N38° 56' 04.5329", W077° 28' 00.1263"	8.0 W	40	L		NO	Enabled	77 %	75.7 %
3	DCA	N38° 51' 34.0300", W077° 02' 11.1700"	9.0 W	40	L		NO	Enabled	63.4 %	59.5 %
4	ADW	N38° 48' 25.9900", W076° 51' 58.5200"	10.0 W	40	L		NO	Enabled	16.4 %	14.6 %
5	LDN	N38° 51' 15.8344", W078° 12' 20.0559"	6.0 W	40	L		NO	Enabled	38.2 %	34.1 %
6	BRV	N38° 20' 10.5264", W077° 21' 10.3159"	9.0 W	40	L		NO	Enabled	3.1 %	2.7 %
7	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	0.5 %	0.5 %
8	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	100 %	100 %
9	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	91.6 %	90.7 %
10	THS	N39° 55' 59.6210", W077° 57' 03.4000"	7.0 W	40	L		NO	Enabled	30.5 %	34 %
11	CSN	N38° 38' 28.3277", W077° 51' 55.7979"	6.0 W	130	H		NO	Enabled	40.4 %	36.1 %

DME DME Assessment Results for HYPER1 path HYPER_ELISN_

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	EMI	FDK	HAR		
0.3	MRB	EMI	FDK			
3.4	FDK	THS	EMI	MRB		
9.4	AML	EMI	FDK	MRB	THS	
13.3	AML	EMI	MRB	FDK		
14.2	AML	EMI	MRB			
18.9	AML	EMI	MRB	FDK	DCA	THS
26.4	AML	EMI	FDK	MRB		
27.9	AML	EMI	FDK	DCA	MRB	
41.4	DCA	CSN	FDK	AML	LDN	MRB
47.8	FDK	ADW	DCA	MRB	LDN	CSN

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

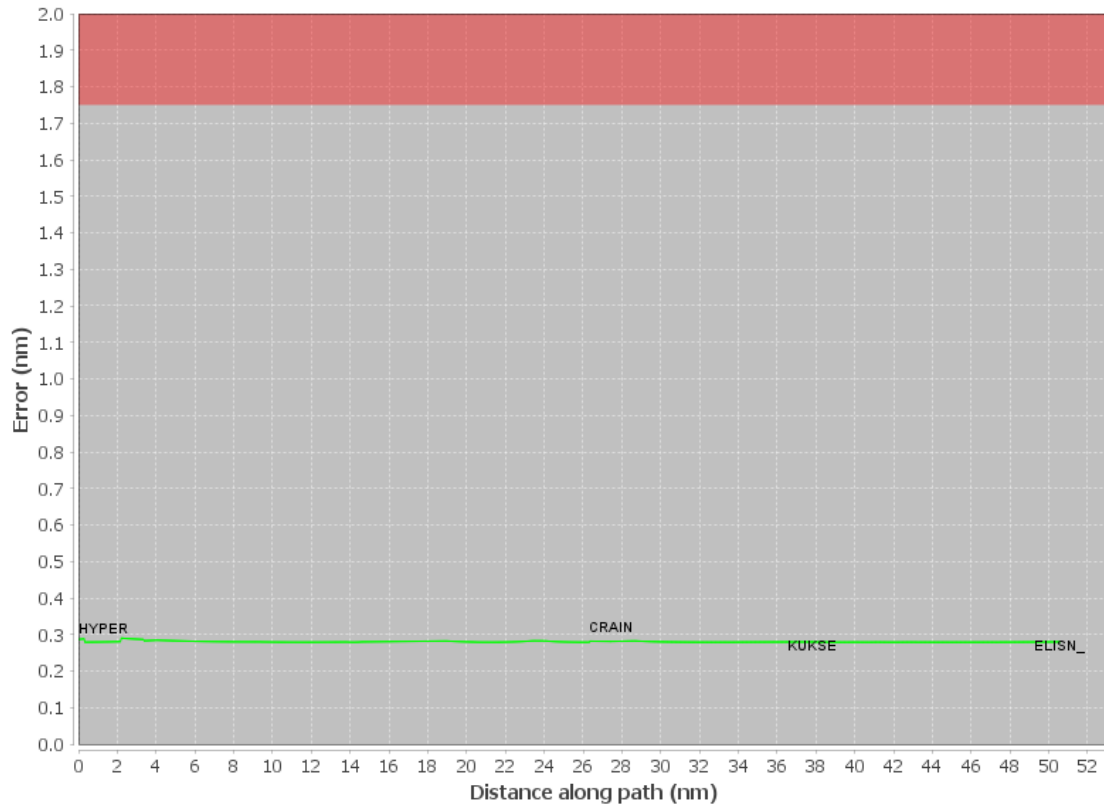
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HYPER	CRAIN	EMI, AML, DCA, HAR, MRB, FDK, THS	
CRAIN	KUKSE	AML, EMI, DCA, LDN, MRB, FDK, CSN	
KUKSE	ELISN_	EMI, AML, DCA, ADW, LDN, BRV, MRB, FDK, CSN	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
	ESV:	Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
	ESV:	Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
	ESV:	Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

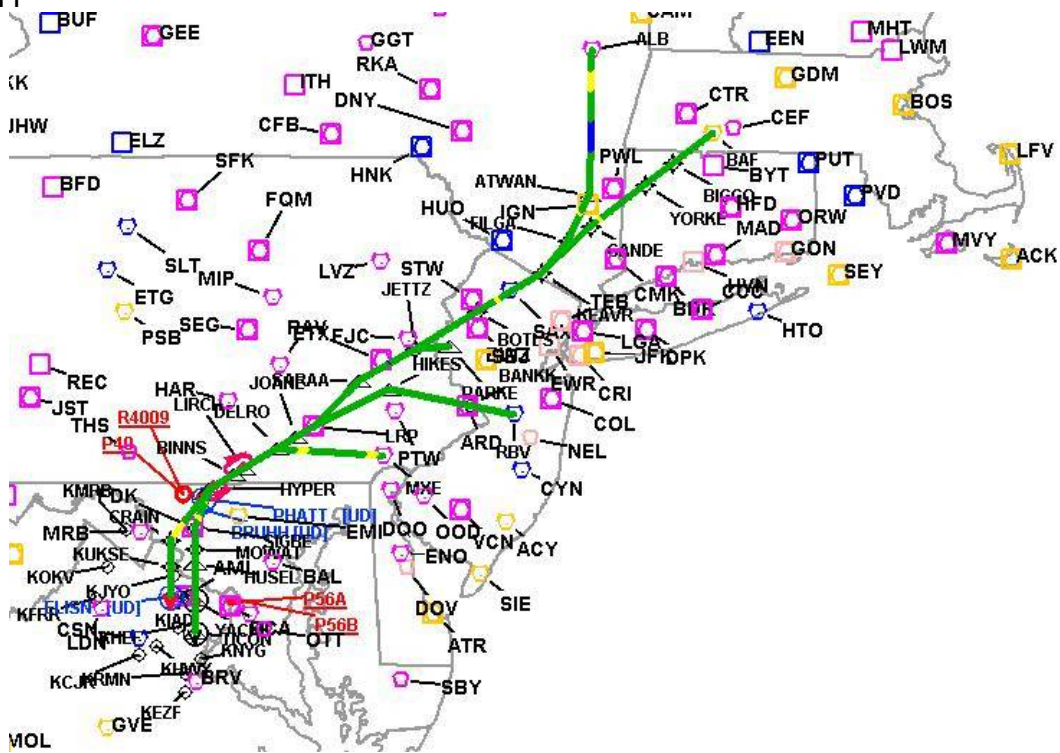
DME DME Assessment Results for HYPER1 path HYPER_ELISN_

DME Error



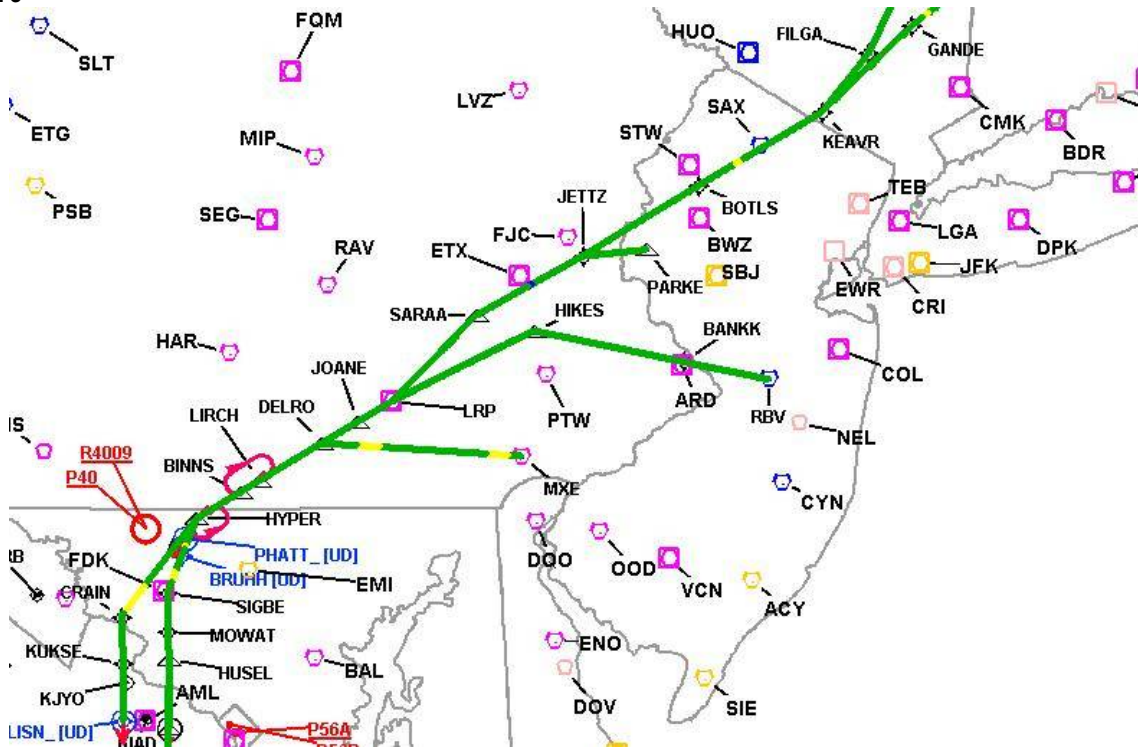
DME DME Assessment Results for HYPER1 path HYPER_ELISN_

Graphic Depiction 1



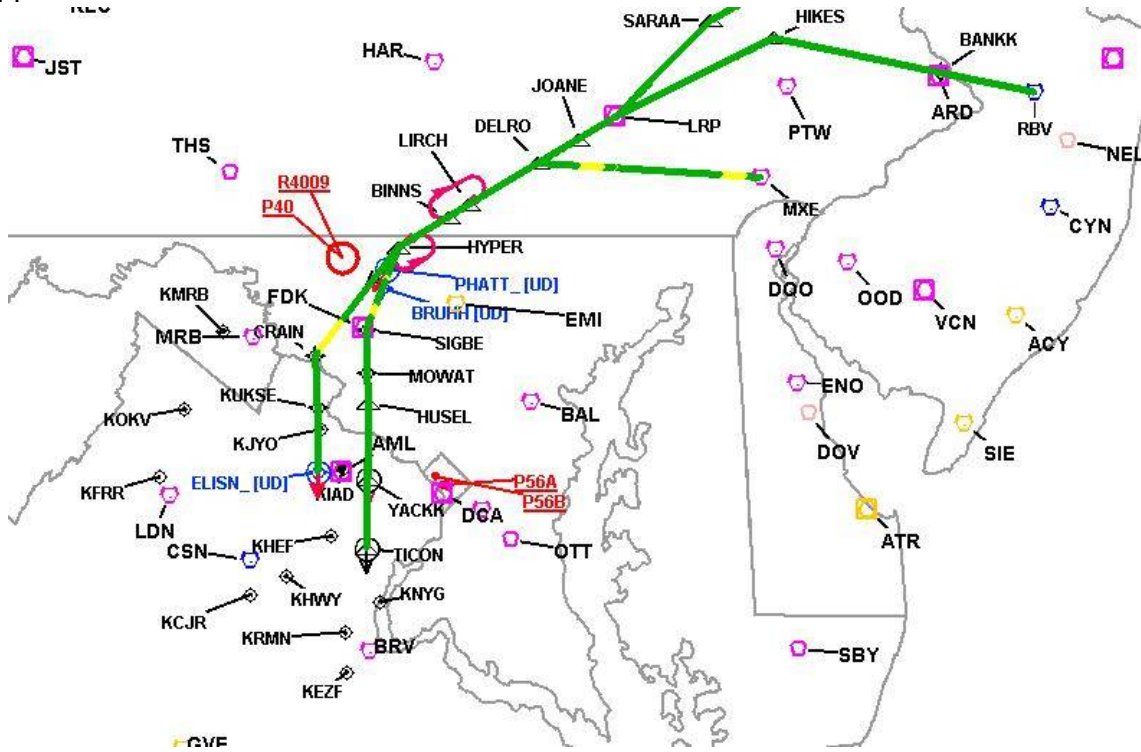
DME DME Assessment Results for HYPER1 path HYPER_ELISN_

Graphic Depiction 3



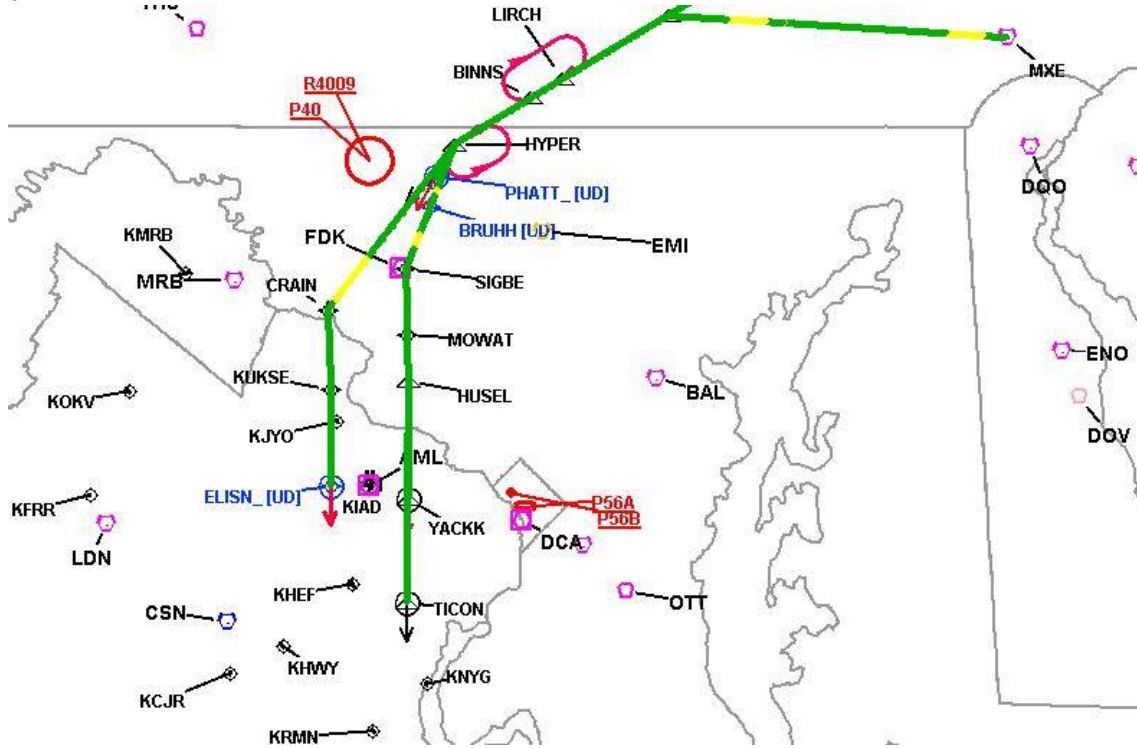
DME DME Assessment Results for HYPER1 path HYPER_ELISN_

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path HYPER_ELISN_

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path HYPER_PHATT_

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\HYPER_PHATT_KCJR HYPER1 RNAV STAR HYPER PHATT_20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HYPER	WP	N39° 41' 02.1600", W077° 13' 30.3400"	5000	VNAV	250	FLY_BY	TF
PHATT_	WP	N39° 36' 42.0917", W077° 16' 44.4347"	5000	VNAV	200	FLY_OVER	TF

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

DME DME Assessment Results for HYPER1 path HYPER_PHATT_

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	100 %	100 %
2	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	15.3 %	15.3 %
3	MRB	N39° 23' 08.0600", W077° 50' 54.0820"	7.0 W	40	L		NO	Enabled	100 %	100 %
4	FDK	N39° 24' 44.0499", W077° 22' 30.4179"	8.0 W	40	L		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MRB	EMI	FDK	HAR		
0.8	MRB	EMI	FDK			

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
HYPER	PHATT_	EMI, HAR, MRB, FDK	

DME DME Assessment Results for HYPER1 path HYPER_PHATT_

User Data Files

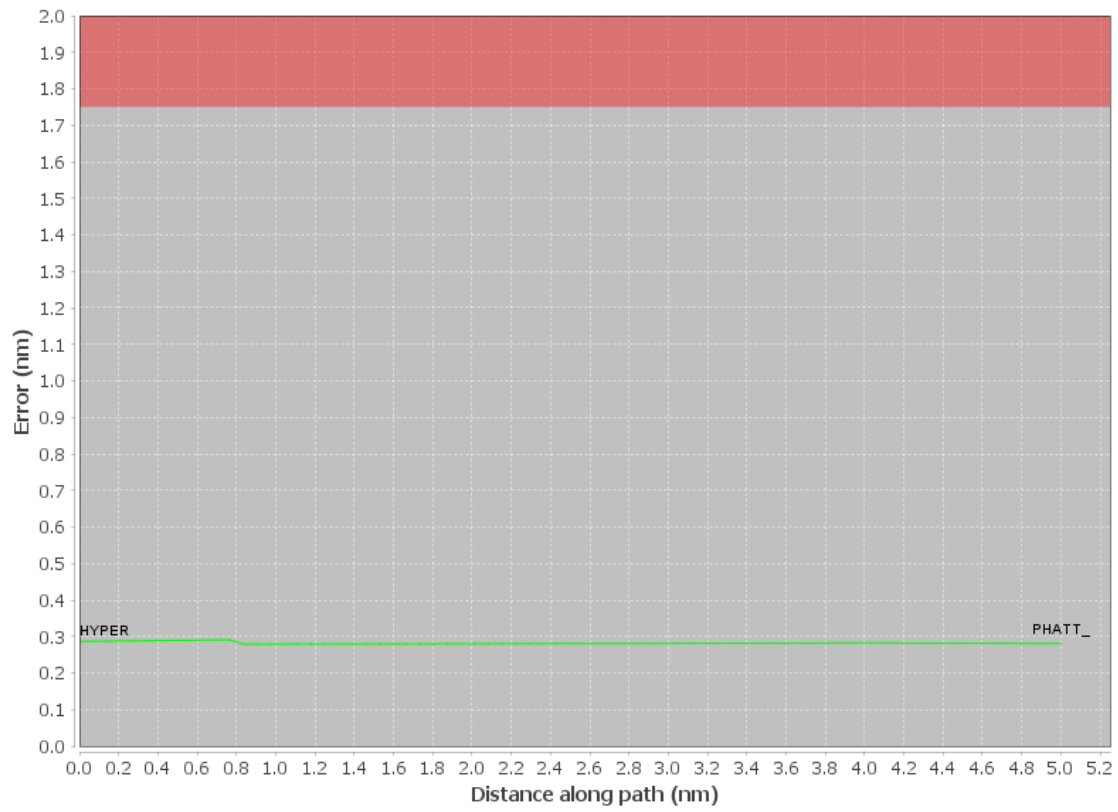
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

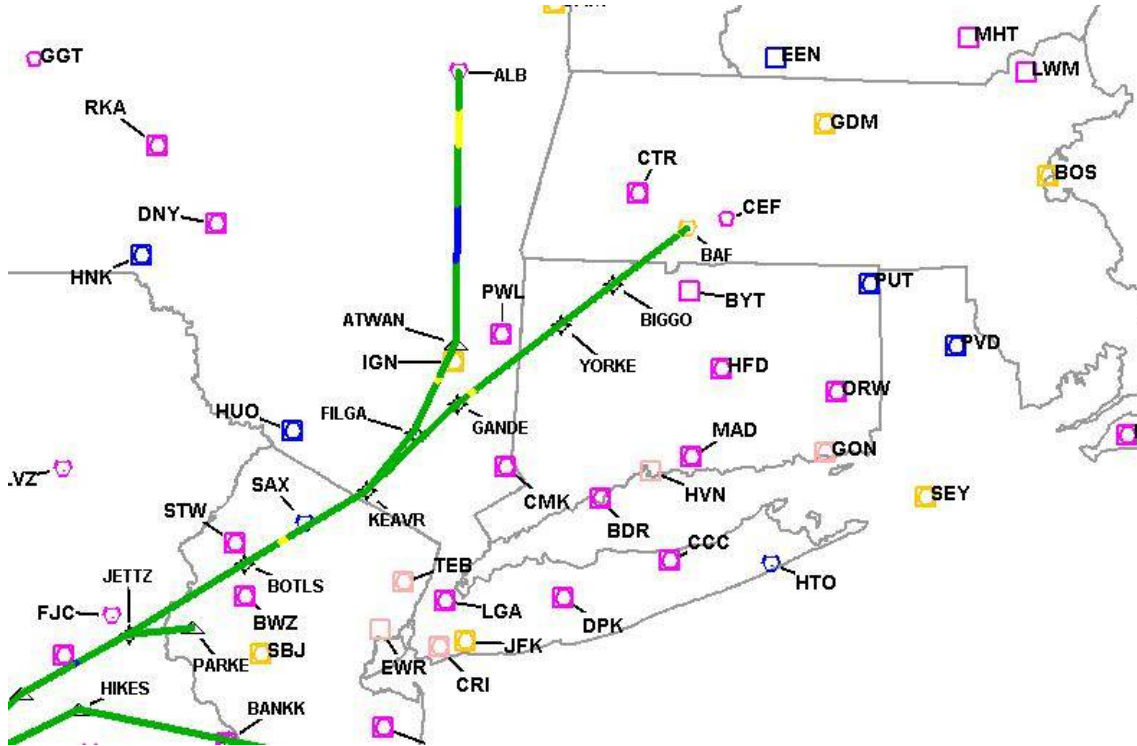
DME DME Assessment Results for HYPER1 path HYPER_PHATT_

DME Error



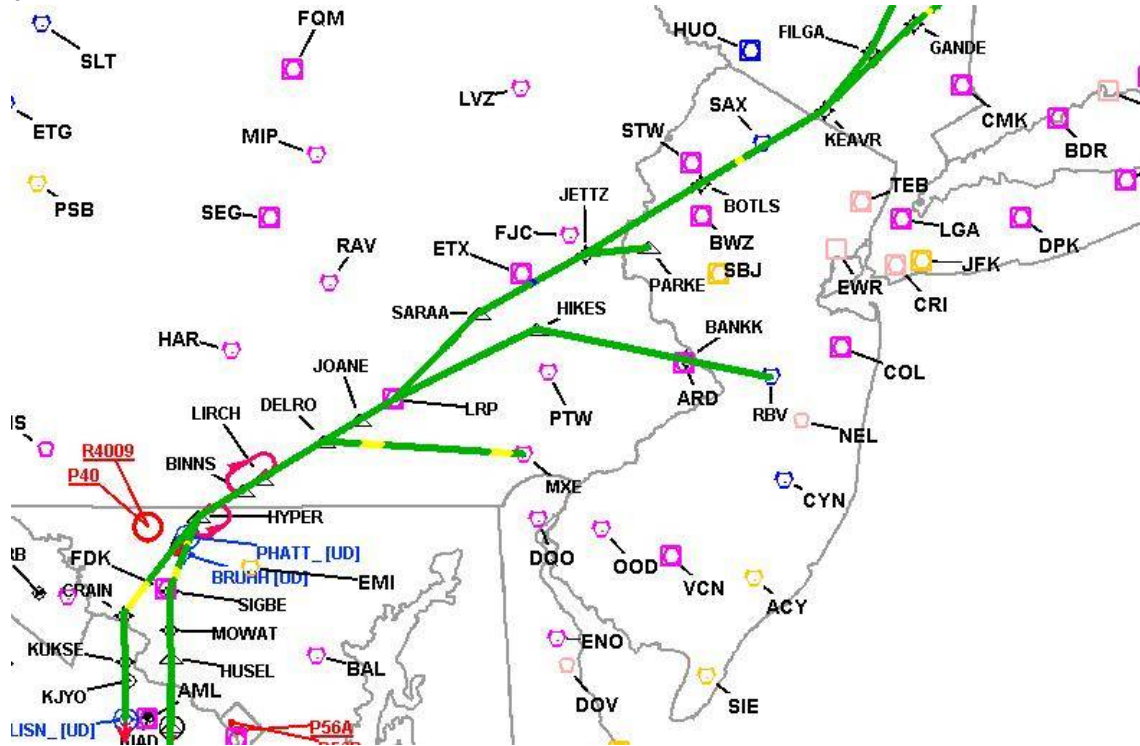
DME DME Assessment Results for HYPER1 path HYPER_PHATT_

Graphic Depiction 2



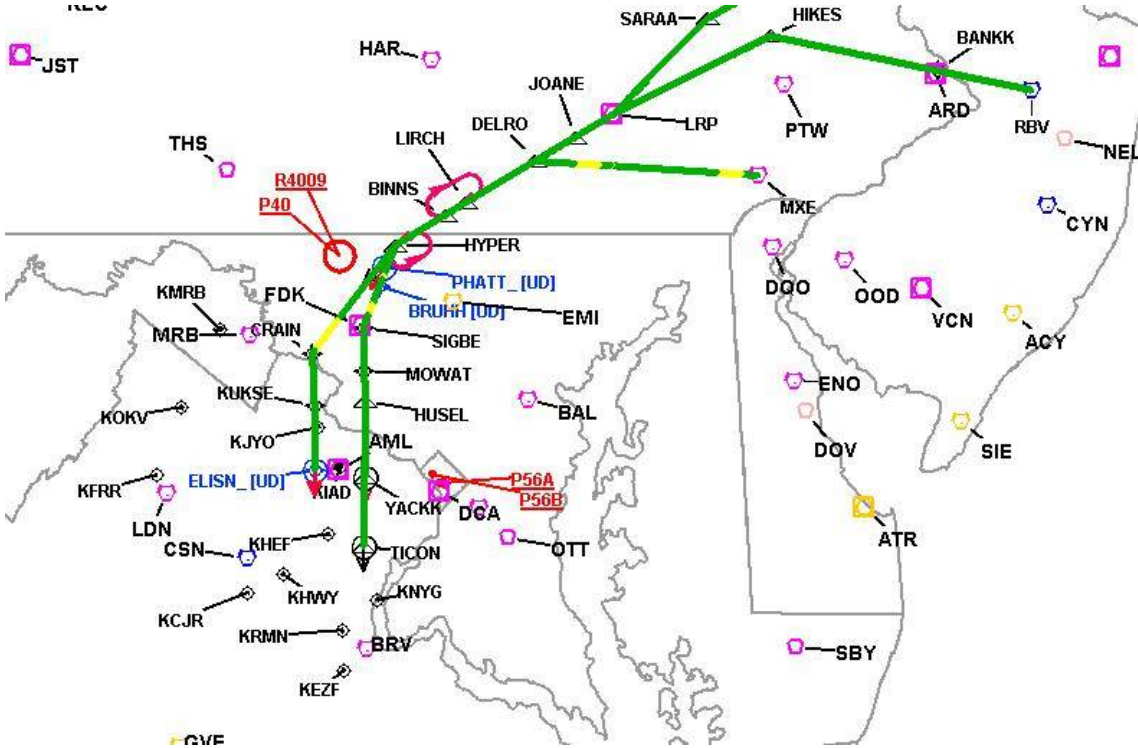
DME DME Assessment Results for HYPER1 path HYPER_PHATT_

Graphic Depiction 3



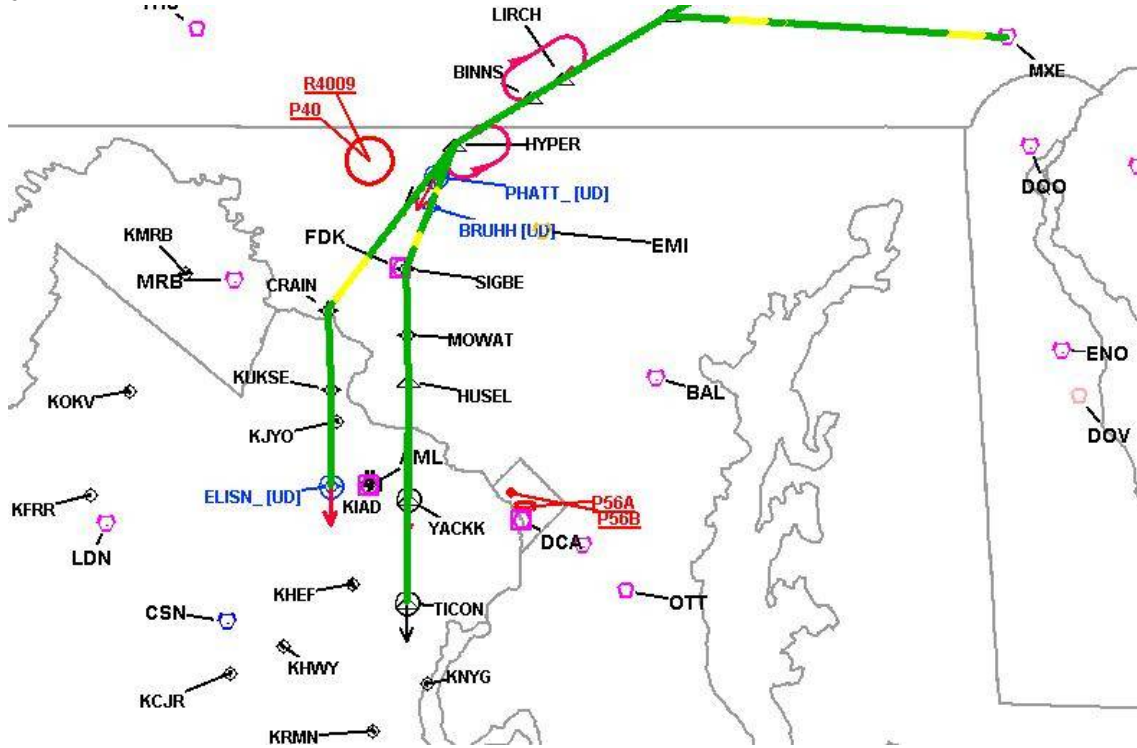
DME DME Assessment Results for HYPER1 path HYPER_PHATT_

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path HYPER_PHATT_

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path MXE_DELRO

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\MXE_DELRO\KCJR HYPER1 RNAV STAR MXE DELRO 20260225_1533_EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
MXE	WP	N39° 55' 04.9801", W075° 40' 14.9574"	5000	VNAV	250	FLY_BY	TF
DELRO	WP	N39° 57' 55.7100", W076° 37' 31.2400"	5000	VNAV	250	FLY_BY	TF

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

DME DME Assessment Results for HYPER1 path MXE_DELRO

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EMI	N39° 29' 42.0266", W076° 58' 42.8591"	8.0 W	130	H		NO	Enabled	28.9 %	28.9 %
2	PTW	N40° 13' 20.0346", W075° 33' 36.9030"	9.0 W	40	L		NO	Enabled	67.1 %	67.1 %
3	DQO	N39° 40' 41.3045", W075° 36' 25.5081"	10.0 W	40	L		NO	Enabled	75.9 %	75.9 %
4	OOD	N39° 38' 09.8791", W075° 18' 11.0026"	10.0 W	40	L		NO	Enabled	37.9 %	37.9 %
5	RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	L		NO	Enabled	26.3 %	26.3 %
6	ETX	N40° 34' 51.7405", W075° 41' 02.5085"	9.0 W	40	L		NO	Enabled	10.8 %	10.8 %
7	HAR	N40° 18' 08.0630", W077° 04' 10.4120"	10.0 W	40	L		NO	Enabled	28.9 %	28.9 %
8	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	93.6 %	93.6 %
9	MXE	N39° 55' 04.9801", W075° 40' 14.9574"	9.0 W	40	L		NO	Enabled	77 %	77 %

DME DME Assessment Results for HYPER1 path MXE_DELRO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LRP	PTW	OOD	DQO		
3.1	ETX	MXE	LRP	PTW	OOD	DQO
7.9	OOD	PTW	LRP	DQO	MXE	
16.8	LRP	PTW	DQO	MXE		
26.2	DQO	PTW				
28.9	LRP	MXE	RAV	PTW	DQO	
29.1	LRP	MXE	DQO	PTW		
29.4	LRP	MXE	DQO			
31.4	RAV	PTW	DQO	LRP	MXE	HAR
31.8	DQO	LRP	MXE	HAR	EMI	RAV
33.6	HAR	LRP	EMI	RAV	MXE	
36.4	HAR	LRP	EMI	MXE		
37.5	HAR	EMI	LRP	RAV	MXE	
40.0	HAR	EMI	LRP	RAV		

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

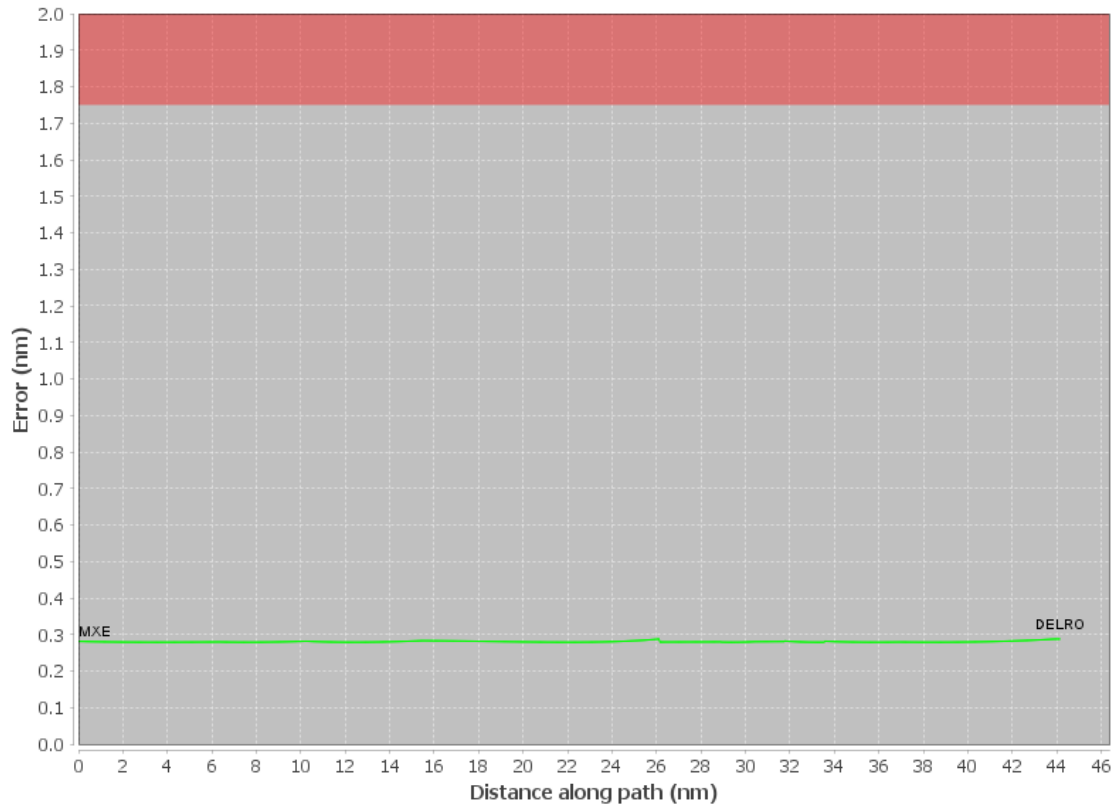
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MXE	DELRO	EMI, PTW, DQO, OOD, RAV, ETX, HAR, LRP, MXE	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

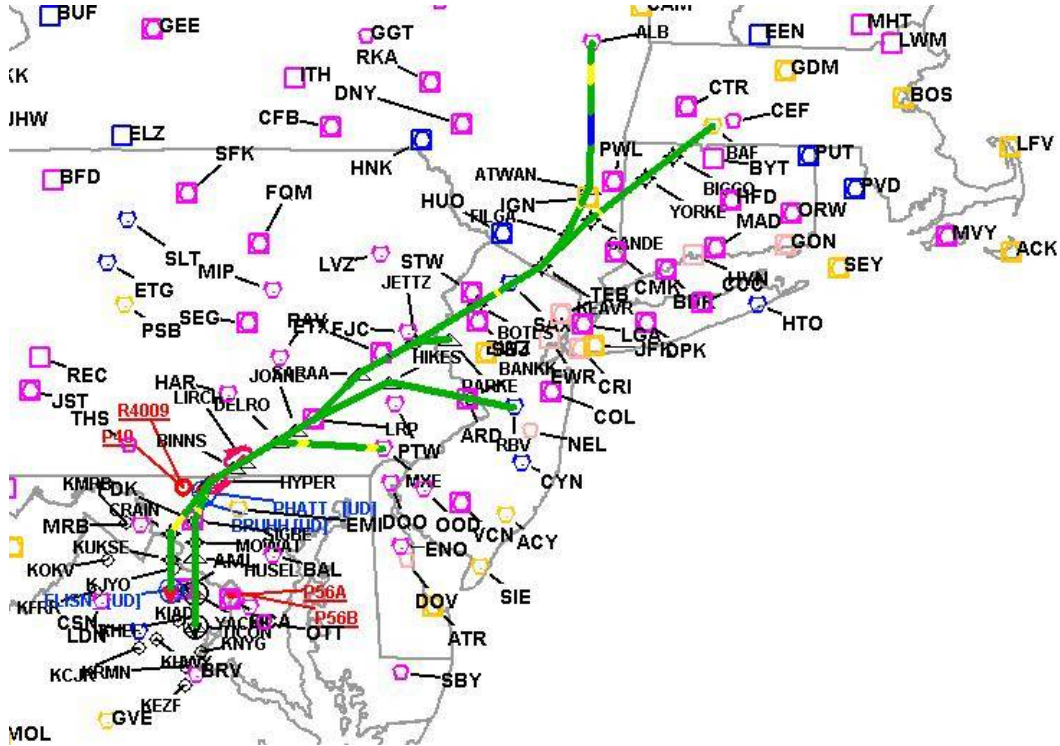
DME DME Assessment Results for HYPER1 path MXE_DELRO

DME Error



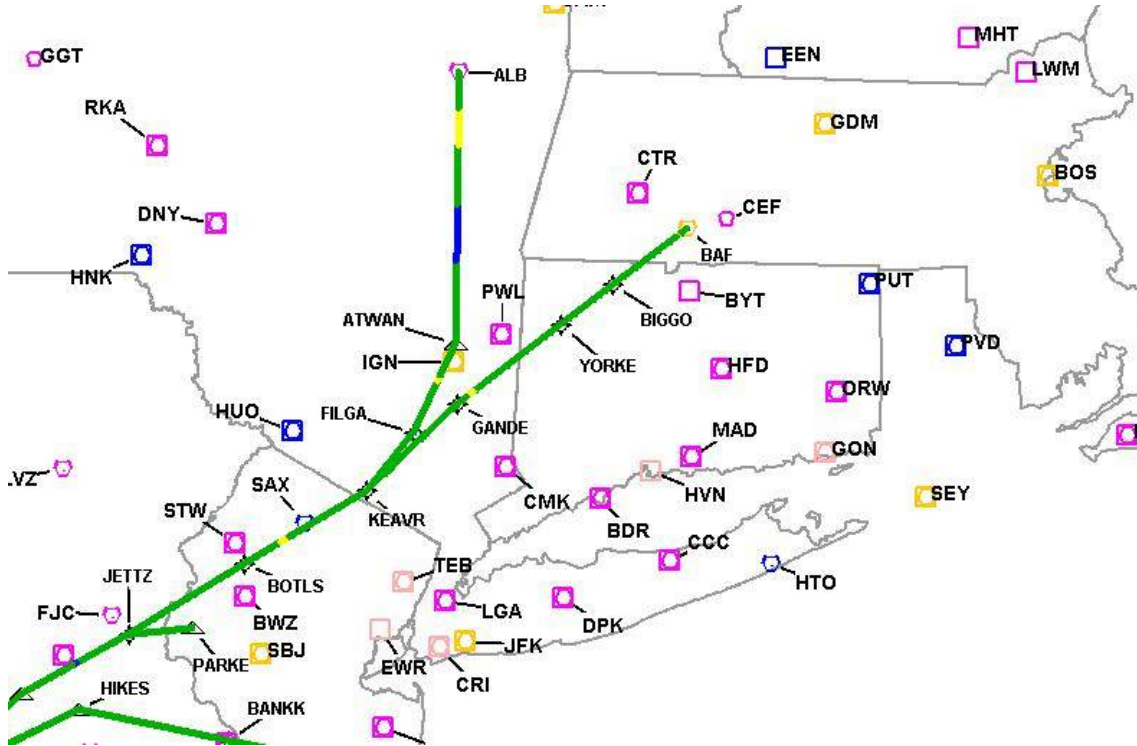
DME DME Assessment Results for HYPER1 path MXE_DELRO

Graphic Depiction 1



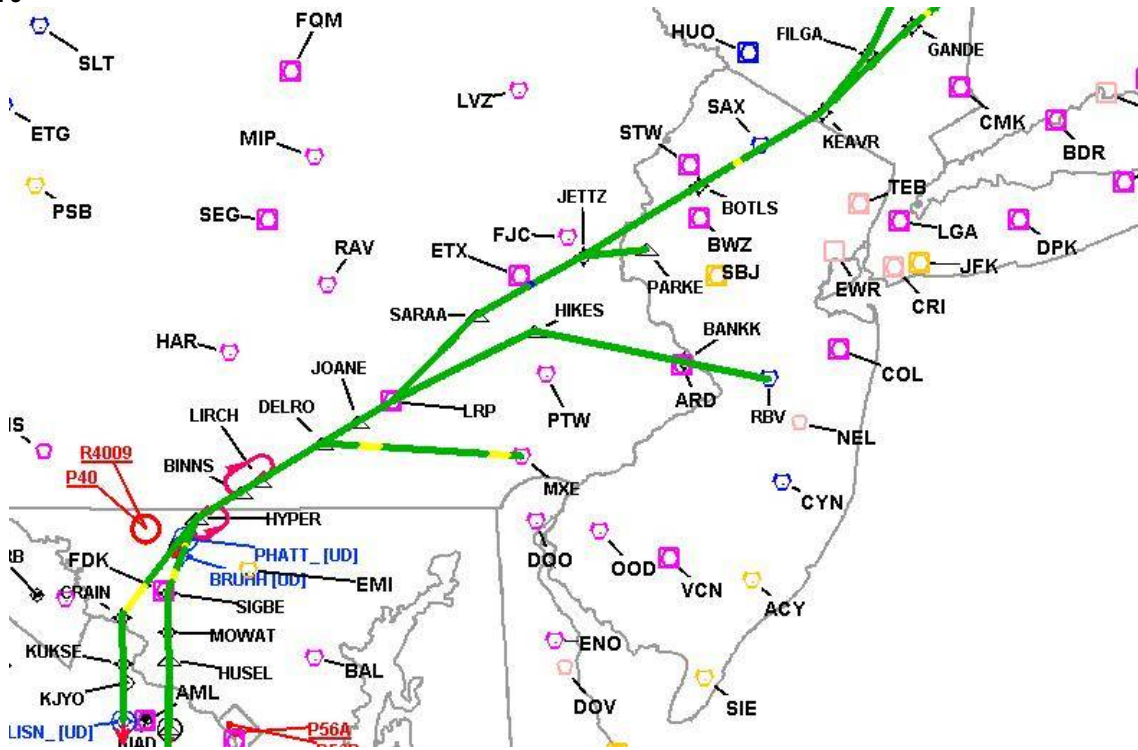
DME DME Assessment Results for HYPER1 path MXE_DELRO

Graphic Depiction 2



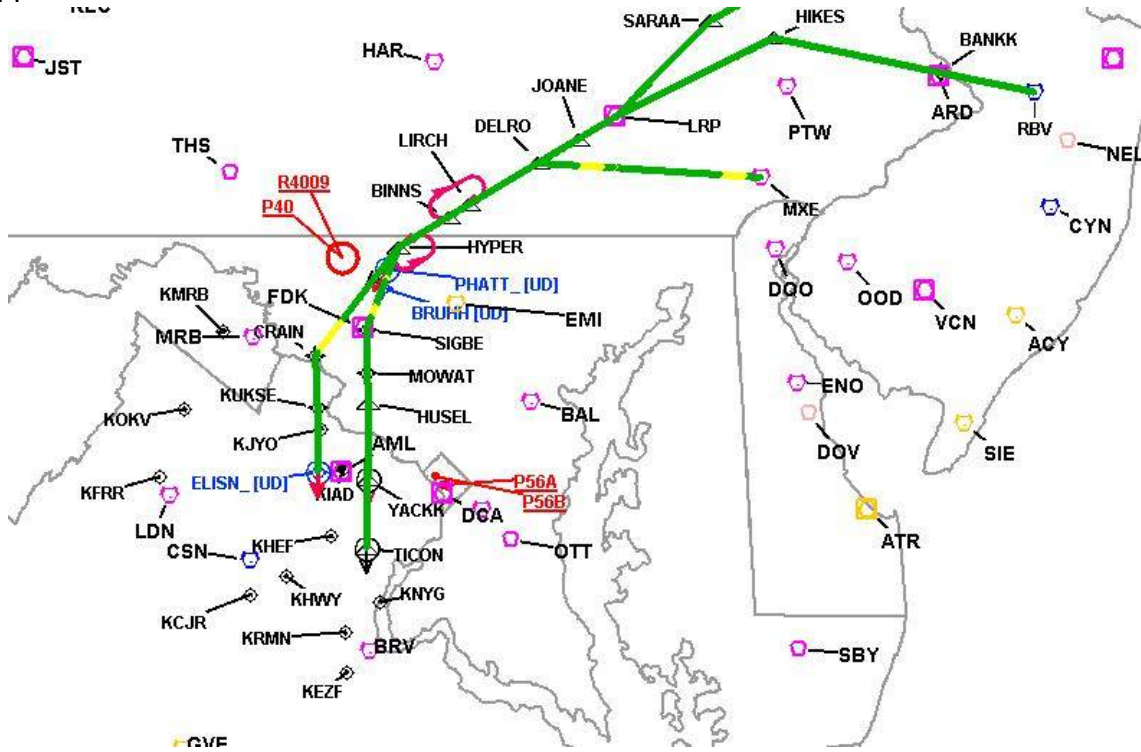
DME DME Assessment Results for HYPER1 path MXE_DELRO

Graphic Depiction 3



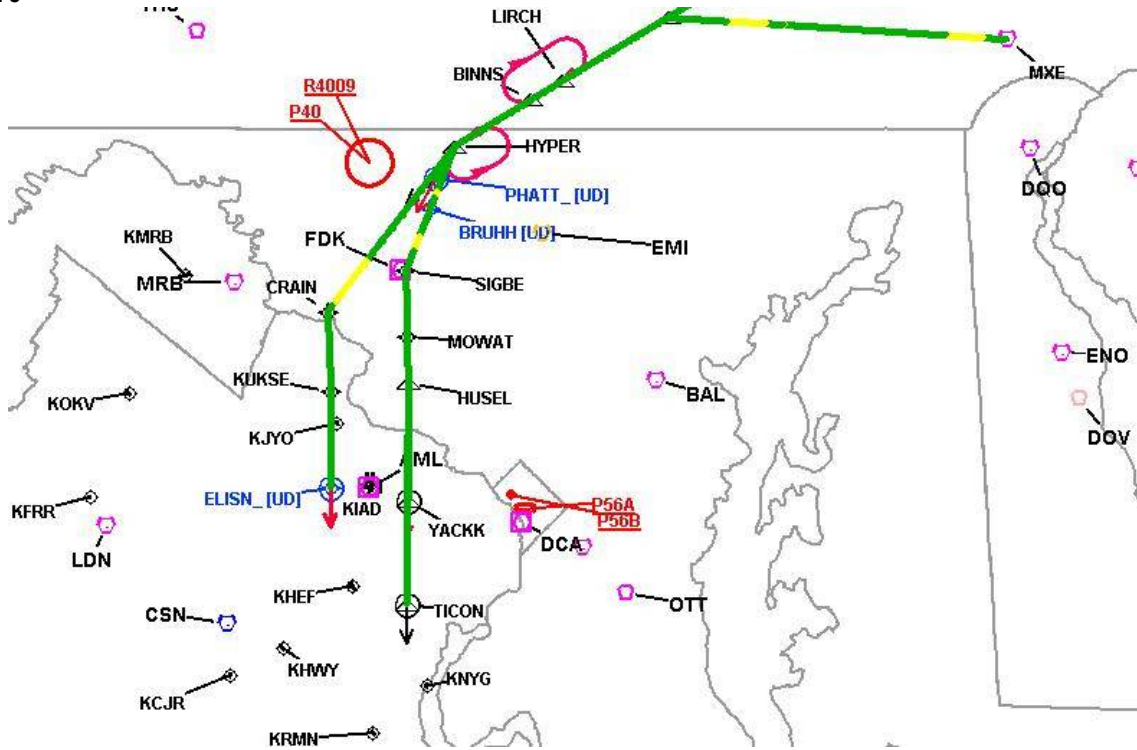
DME DME Assessment Results for HYPER1 path MXE_DELRO

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path MXE_DELRO

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path PARKE_JETTZ

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\PARKE_JETTZ\KCJR HYPER1 RNAV STAR PARKE JETTZ 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PARKE	WP	N40° 40' 59.4600", W075° 04' 35.3200"	5000	VNAV	250	FLY_BY	TF
JETTZ	WP	N40° 39' 35.0000", W075° 22' 44.0000"	5000	VNAV	250	FLY_BY	TF

Flyability

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

DME DME Assessment Results for HYPER1 path PARKE_JETTZ

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PTW	N40° 13' 20.0346", W075° 33' 36.9030"	9.0 W	40	L		NO	Enabled	100 %	100 %
2	ARD	N40° 15' 12.0329", W074° 54' 27.4046"	10.0 W	40	L		NO	Enabled	100 %	100 %
3	BWZ	N40° 47' 54.3580", W074° 49' 18.5970"	11.0 W	40	L		NO	Enabled	100 %	100 %
4	STW	N40° 59' 44.9510", W074° 52' 08.5090"	11.0 W	40	L		NO	Enabled	100 %	100 %
5	ETX	N40° 34' 51.7405", W075° 41' 02.5085"	9.0 W	40	L		NO	Enabled	100 %	100 %
6	SBJ	N40° 34' 58.9593", W074° 44' 30.4492"	10.0 W	40	L		NO	Enabled	100 %	100 %
7	SAX	N41° 04' 03.1486", W074° 32' 17.9094"	11.0 W	130	H		NO	Enabled	36 %	36 %
8	JFK	N40° 37' 58.3816", W073° 46' 17.0103"	12.0 W	130	DH		NO	Enabled	100 %	100 %
9	FJC	N40° 43' 36.0742", W075° 27' 17.0827"	10.0 W	40	L		NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ARD	ETX	STW	SBJ	BWZ	PTW

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PARKE	JETTZ	PTW, ARD, BWZ, STW, ETX, SBJ, SAX, JFK, FJC	

DME DME Assessment Results for HYPER1 path PARKE_JETTZ

User Data Files

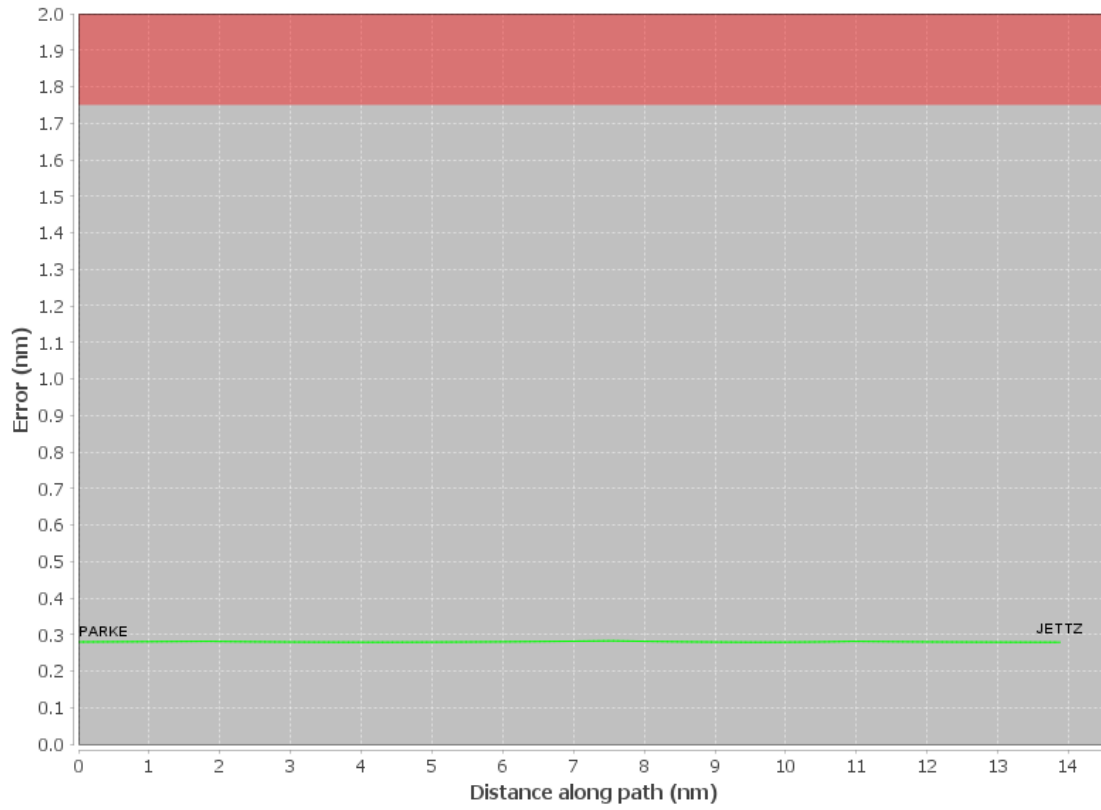
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		

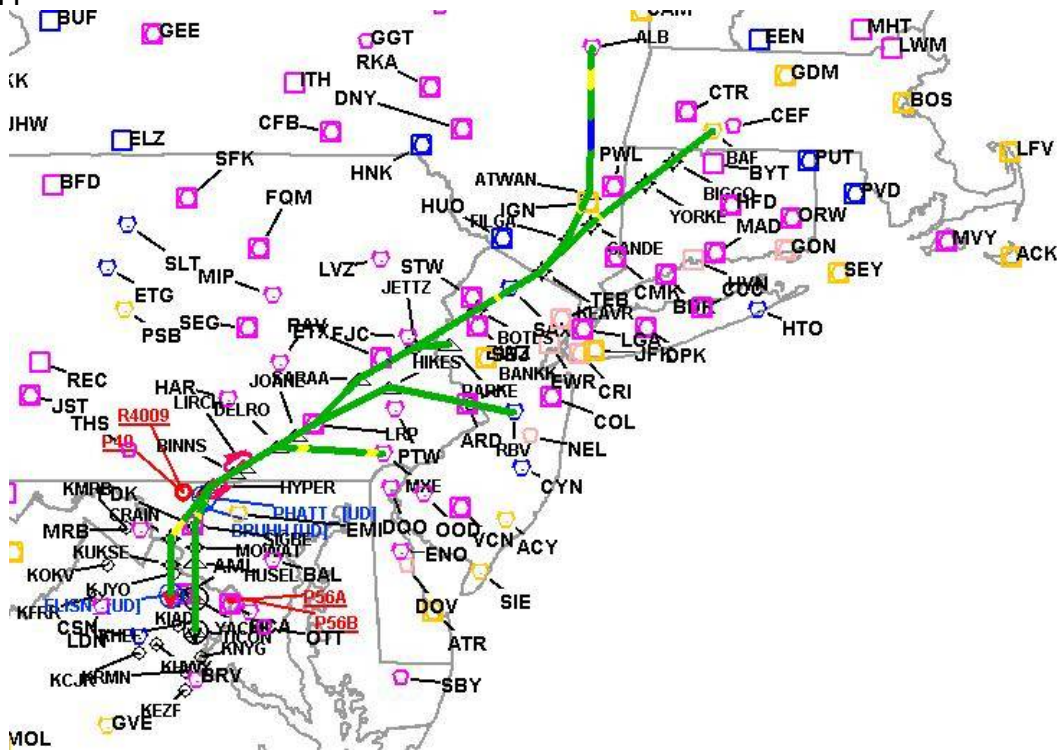
DME DME Assessment Results for HYPER1 path PARKE_JETTZ

DME Error



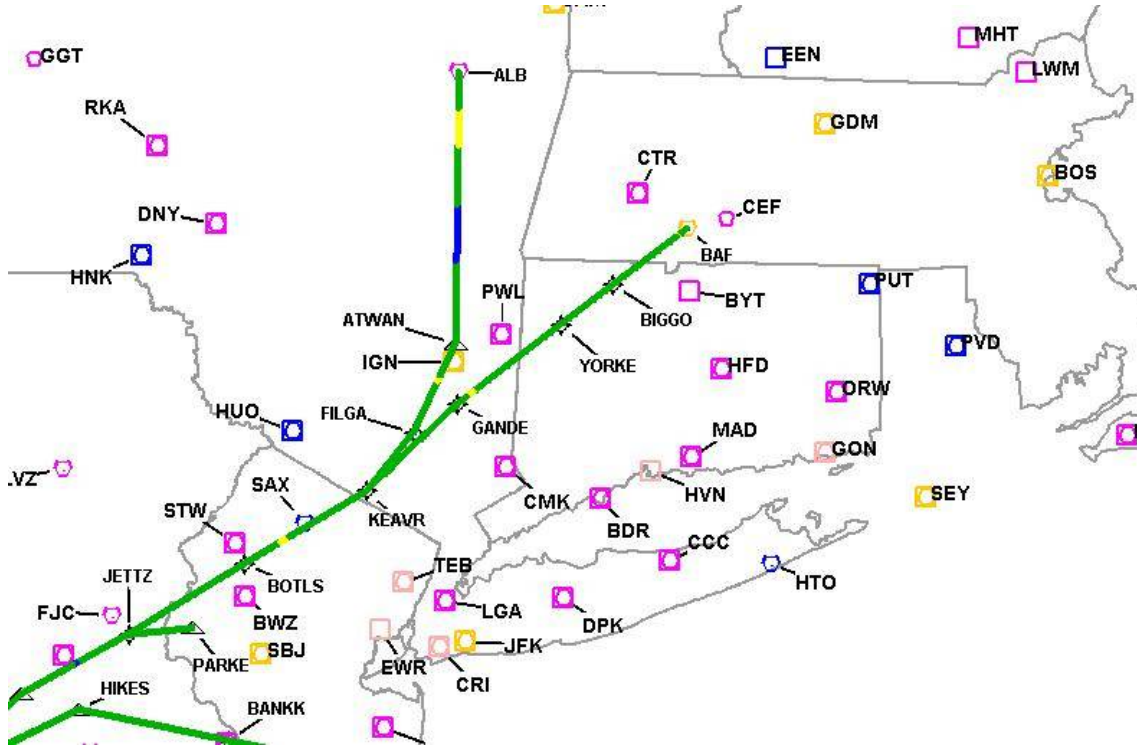
DME DME Assessment Results for HYPER1 path PARKE_JETTZ

Graphic Depiction 1



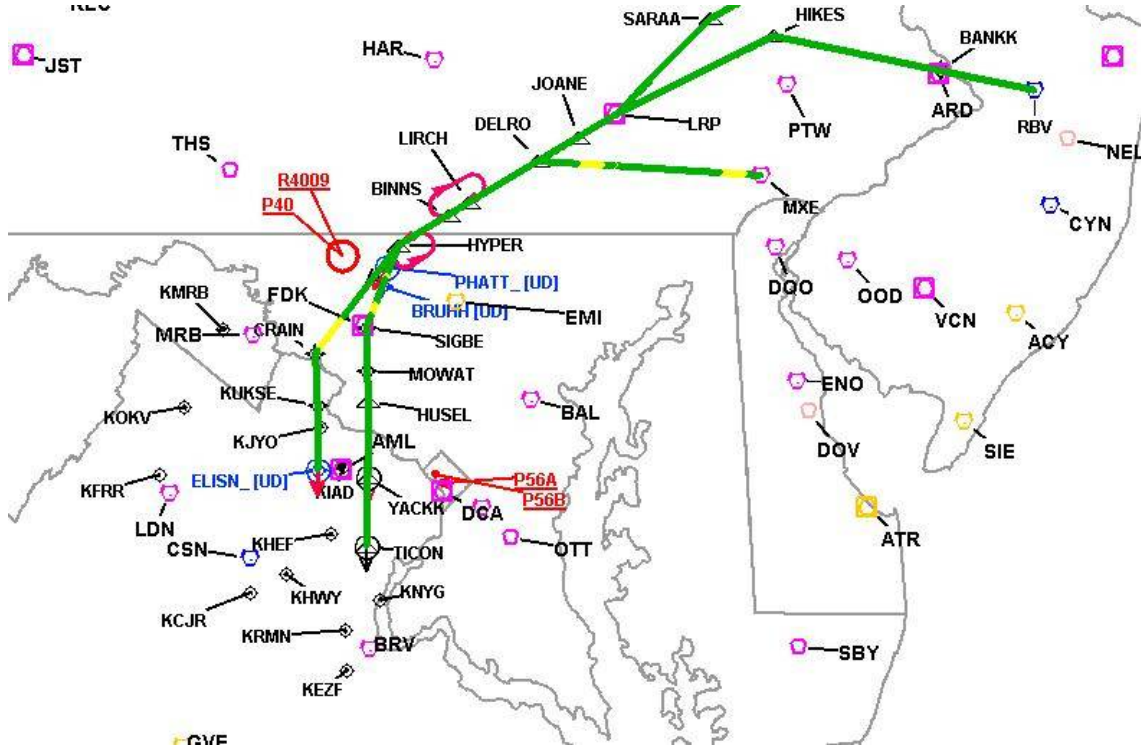
DME DME Assessment Results for HYPER1 path PARKE_JETTZ

Graphic Depiction 2



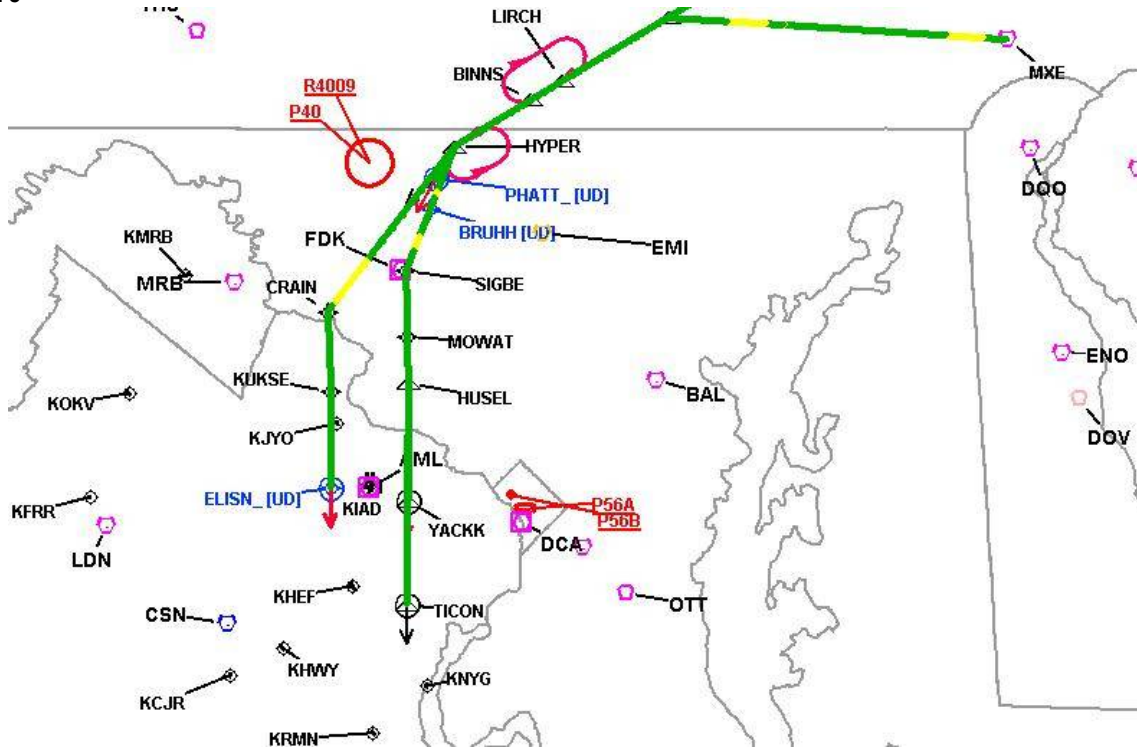
DME DME Assessment Results for HYPER1 path PARKE_JETTZ

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path PARKE_JETTZ

Graphic Depiction 5



DME DME Assessment Results for HYPER1 path RBV_LRP

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KIAD HYPER1 (RNAV) STAR_DME-DME 20251210.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\7-9-2026 PUBLICATION\KIAD HYPER1 (RNAV) STAR\KCJR [IFPA] HYPER1 20260225_1533 EST\RBV_LRP\KCJR HYPER1 RNAV STAR RBV LRP 20260225_1533 EST.pdf
Procedure Name:	HYPER1
Software: DmeDmePlugin:	7.6.0
Date/Time:	02/25/2026 15:33 EST
Databases:	MITRE 3DEP 3 arcsec

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
RBV	WP	N40° 12' 08.6475", W074° 29' 42.0940"	5000	VNAV	250	FLY_BY	TF
BANKK	WP	N40° 16' 00.9500", W074° 54' 00.0300"	5000	VNAV	250	FLY_BY	TF
HIKES	WP	N40° 22' 55.9300", W075° 36' 54.9000"	5000	VNAV	250	FLY_BY	TF
LRP	WP	N40° 07' 11.9119", W076° 17' 28.6633"	5000	VNAV	250	FLY_BY	TF

Flyability

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

DME DME Assessment Results for HYPER1 path RBV_LRP

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:	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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	COL	N40° 18' 41.8771", W074° 09' 35.0180"	11.0 W	40	L		NO	Enabled	27.5 %	27.5 %
2	BWZ	N40° 47' 54.3580", W074° 49' 18.5970"	11.0 W	40	L		NO	Enabled	40.6 %	40.5 %
3	RAV	N40° 33' 12.2145", W076° 35' 57.7706"	11.0 W	40	L		NO	Enabled	24.2 %	24.2 %
4	RBV	N40° 12' 08.6475", W074° 29' 42.0940"	10.0 W	130	H		NO	Enabled	38.1 %	38.1 %
5	ETX	N40° 34' 51.7405", W075° 41' 02.5085"	9.0 W	40	L		NO	Enabled	75.2 %	75.2 %
6	LRP	N40° 07' 11.9119", W076° 17' 28.6633"	9.0 W	40	L		NO	Enabled	40.4 %	40.4 %
7	JFK	N40° 37' 58.3816", W073° 46' 17.0103"	12.0 W	130	DH		NO	Enabled	47.1 %	47.1 %
8	PTW	N40° 13' 20.0346", W075° 33' 36.9030"	9.0 W	40	L		NO	Enabled	88.3 %	88.3 %
9	ARD	N40° 15' 12.0329", W074° 54' 27.4046"	10.0 W	40	L		NO	Enabled	59.8 %	59.7 %
10	NEL	N40° 02' 13.0967", W074° 21' 11.3150"	11.0 W	25	T		NO	Enabled	15.2 %	15.2 %
11	CYN	N39° 49' 02.4165", W074° 25' 53.8526"	10.0 W	130	H		NO	Enabled	26.1 %	26.1 %
12	SBJ	N40° 34' 58.9593", W074° 44' 30.4492"	10.0 W	40	L		NO	Enabled	45.8 %	45.8 %
13	MXE	N39° 55' 04.9801", W075° 40' 14.9574"	9.0 W	40	L		NO	Enabled	71.3 %	71.3 %
14	FJC	N40° 43' 36.0742", W075° 27' 17.0827"	10.0 W	40	L		NO	Enabled	60.5 %	60.5 %

DME DME Assessment Results for HYPER1 path RBV_LRP

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	COL	SBJ	NEL	JFK	CYN	ARD
13.4	BWZ	PTW	ARD	SBJ	COL	JFK
16.4	RBV	SBJ	BWZ	PTW	COL	JFK
24.1	RBV	BWZ	ETX	SBJ	ARD	JFK
39.9	ETX	PTW	MXE	JFK	FJC	SBJ
40.1	ETX	PTW	MXE	JFK	FJC	ARD
41.3	ETX	PTW	ARD	MXE	FJC	
58.0	PTW	FJC	LRP	MXE	ETX	
71.9	RAV	ETX	LRP	MXE	PTW	
84.4	RAV	ETX	MXE	PTW		
86.7	RAV	PTW	MXE			

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

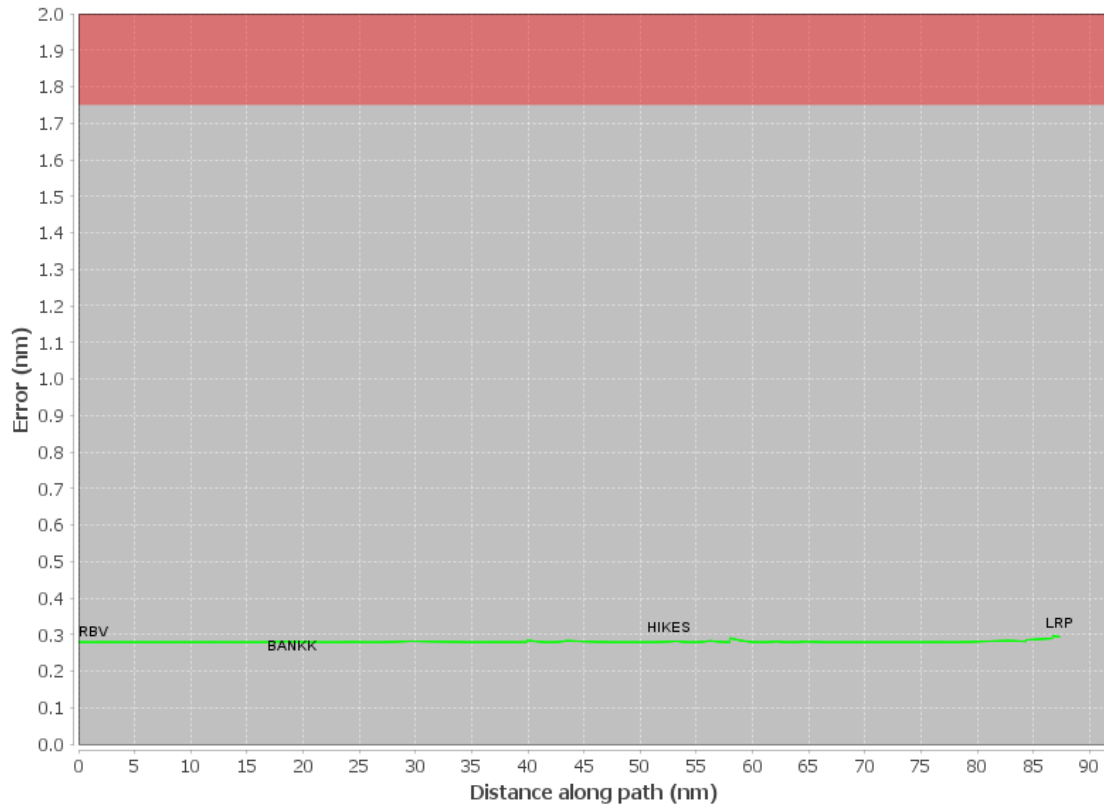
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RBV	BANKK	COL, PTW, ARD, NEL, BWZ, RBV, CYN, SBJ, JFK, FJC	
BANKK	HIKES	COL, PTW, ARD, BWZ, RBV, ETX, CYN, SBJ, MXE, LRP, FJC, JFK	
HIKES	LRP	PTW, ARD, RAV, ETX, MXE, LRP, FJC	

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMEsKIAD [IFPA] HYPER9 RNAV STAR_20230614_1419 EDT.udt

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
	ESV:	Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°			Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft			
2	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
	ESV:	Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°			Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft			
3	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
	ESV:	Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°			Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft			

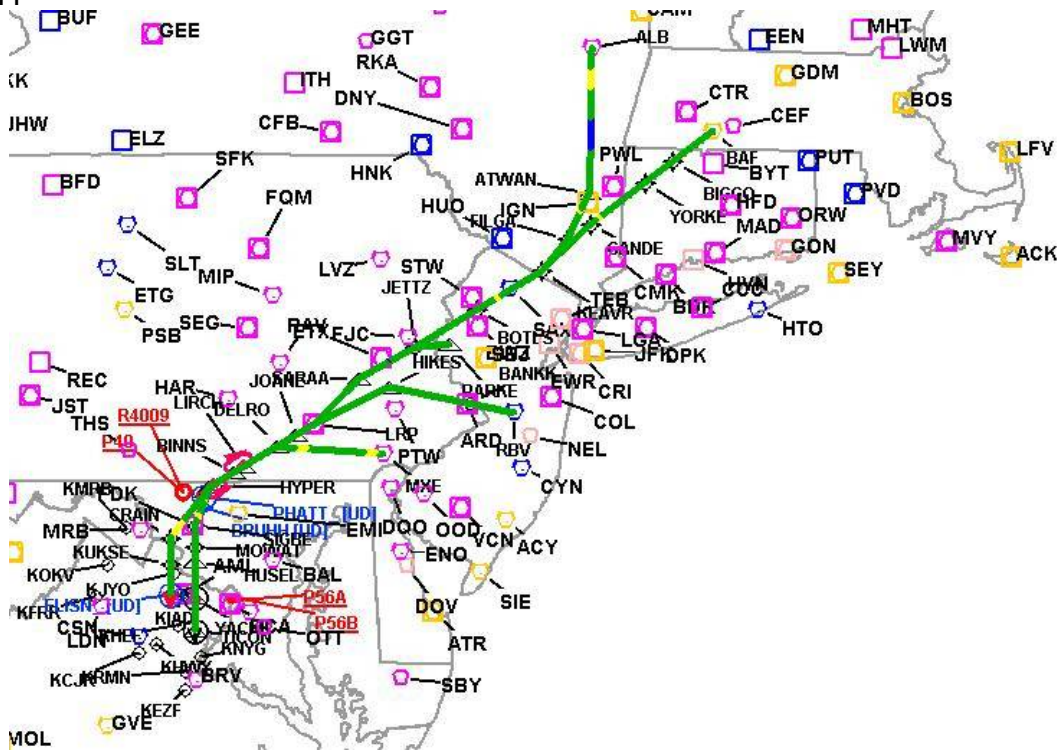
DME DME Assessment Results for HYPER1 path RBV_LRP

DME Error



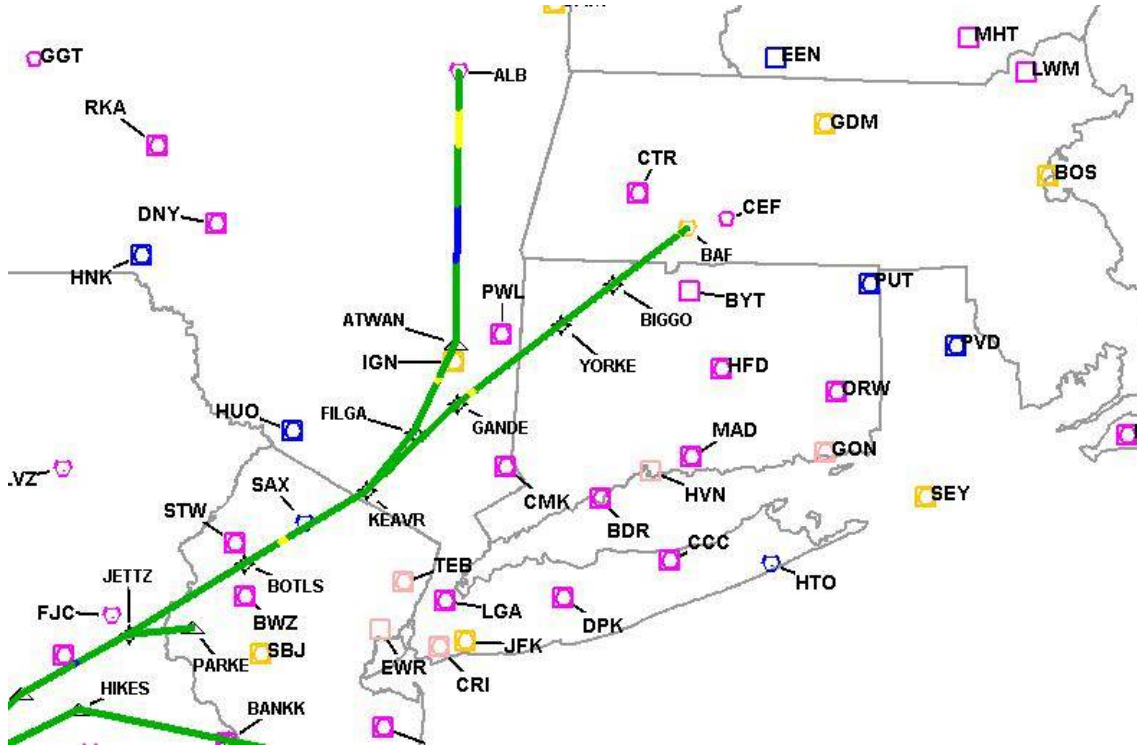
DME DME Assessment Results for HYPER1 path RBV_LRP

Graphic Depiction 1



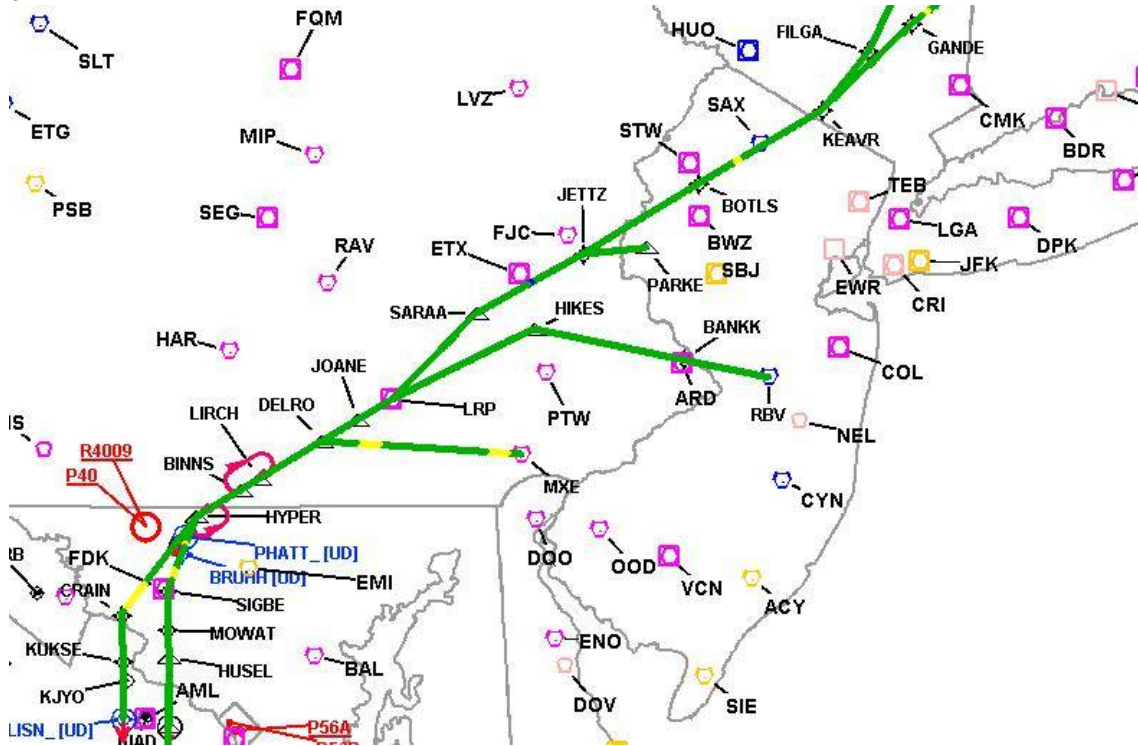
DME DME Assessment Results for HYPER1 path RBV_LRP

Graphic Depiction 2



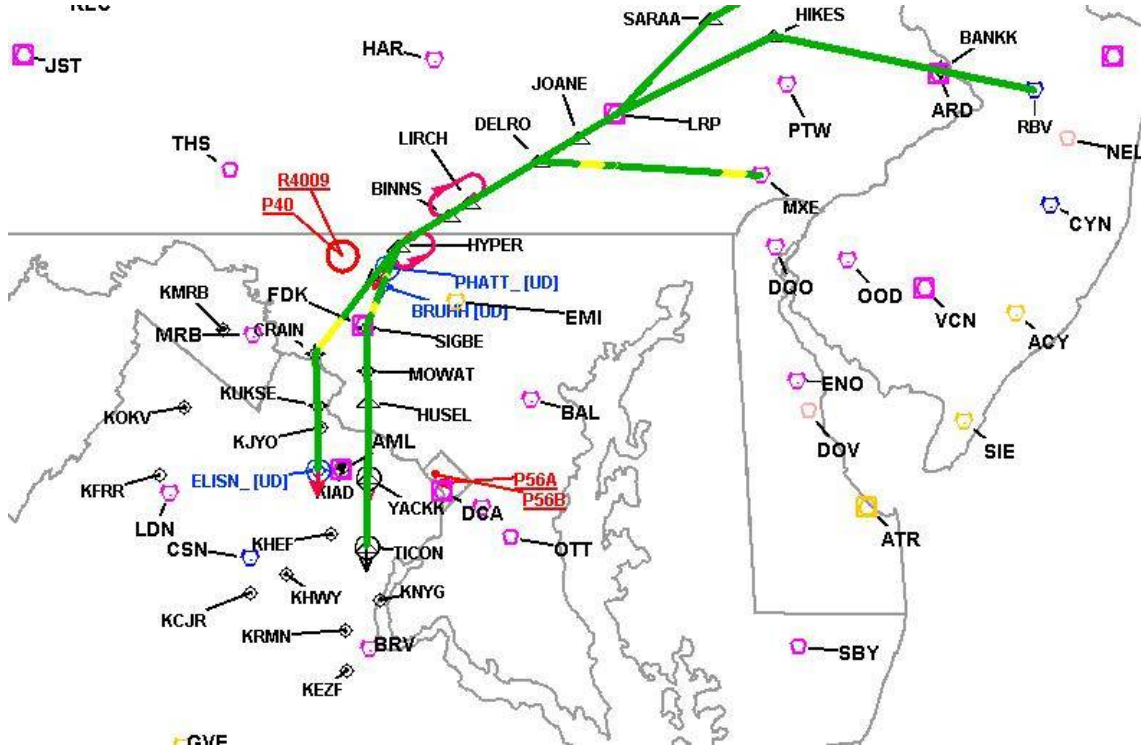
DME DME Assessment Results for HYPER1 path RBV_LRP

Graphic Depiction 3



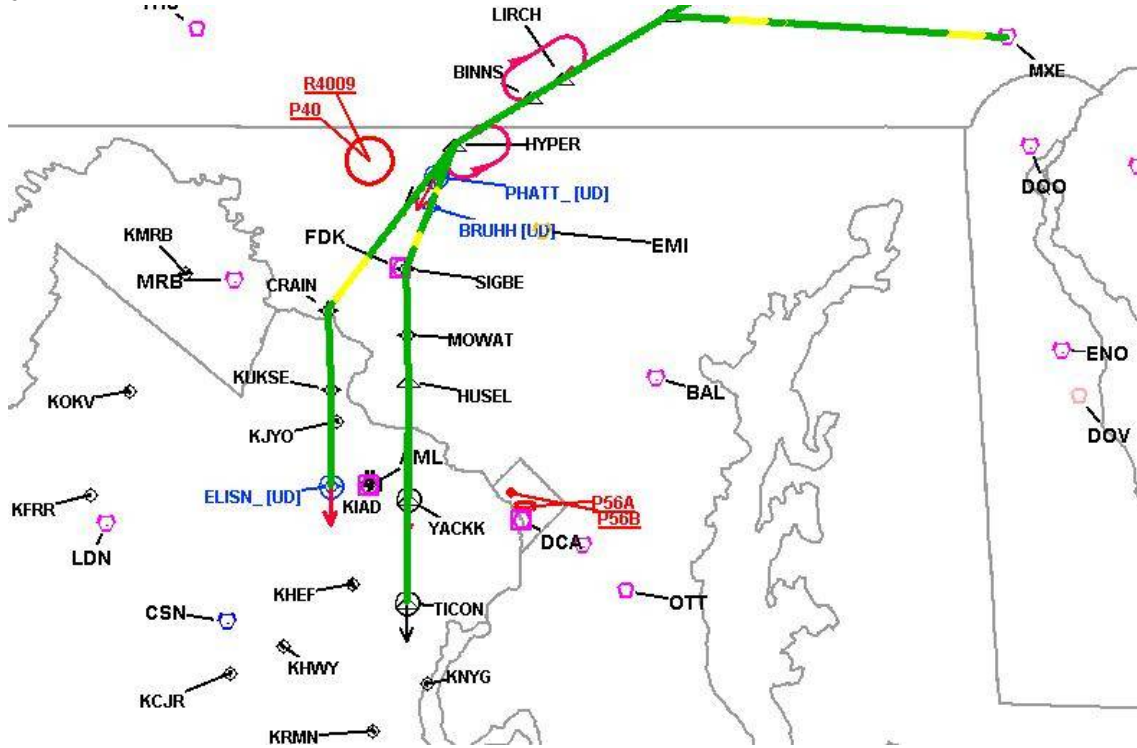
DME DME Assessment Results for HYPER1 path RBV_LRP

Graphic Depiction 4



DME DME Assessment Results for HYPER1 path RBV_LRP

Graphic Depiction 5



DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CTR CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	1600	115.1	CTR	
ESV:		Bearing [True]: 266.0° to 310.0° Bearing [Mag]: 279.0° to 323.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 19600.0 ft		
2	HUO FAA 694138-21 HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO FAA 694138-21	
Restriction:		Bearing [True]: 204.0° to 214.0° Bearing [Mag]: 215.0° to 225.0°				Distance: Beyond 33.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 26.0° to 37.0° Bearing [Mag]: 37.0° to 48.0°				Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 44.0° to 59.0° Bearing [Mag]: 55.0° to 70.0°				Arc Distance: Out to 51.0 NM Altitude: 4900.0 to 15900.0 ft		
3	IGN FAA 712439-18 IGN	N41° 39' 55.6258", W073° 49' 20.0613"	12.0 W	40	581	117.6	IGN FAA 712439-18	
ESV:		Bearing [True]: 355.0° to 6.0° Bearing [Mag]: 7.0° to 18.0°				Arc Distance: Out to 66.0 NM Altitude: 3800.0 to 18600.0 ft		