

DME DME Assessment Results for KISP4 path ALB_SHIGY

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\KISP NELIE STAR\KISP NELIE (RNAV) STAR DME DME 20240319.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KISP NELIE STAR\KISP [IFPA] KISP4 20240319_1203 EDT\ALB_SHIGY\KISP KISP4 RNAV STAR ALB SHIGY 20240319_1203 EDT.pdf
Procedure Name:	KISP4
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:03 EDT
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"	8000	VNAV	200	FLY_BY	TF
SHIGY	WP	N42° 23' 57.9500", W073° 19' 00.9800"	8000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KISP [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 KISP4 path ALB_SHIGY

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	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	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	L	IFPA	NO	Enabled	74.4 %	74.4 %
3	PVD	N41° 43' 27.6334", W071° 25' 46.7078"	14.0 W	130	DH	IFPA	NO	Enabled	18 %	18 %
4	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	130	H	IFPA	NO	Enabled	1.3 %	1.3 %
5	ALB	N42° 44' 50.2097", W073° 48' 11.4623"	13.0 W	40	L	IFPA	NO	Enabled	89.8 %	89.8 %
6	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	-0.0 E	40	L	IFPA	NO	Enabled	100 %	100 %
7	BAF	N42° 09' 43.0527", W072° 42' 58.3182"	14.0 W	40	L	IFPA	NO	Enabled	12.6 %	12.6 %
8	CAM	N42° 59' 39.4398", W073° 20' 38.4681"	14.0 W	40	L	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PUT	CAM	EEN			
3.1	ALB	CAM	PUT	EEN		
7.7	CTR	CAM	ALB	PUT	EEN	

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ALB	SHIGY	CTR, ALB, BAF, BYT, CAM, PUT, EEN, PVD	

DME DME Assessment Results for KISP4 path ALB_SHIGY

User Data Files

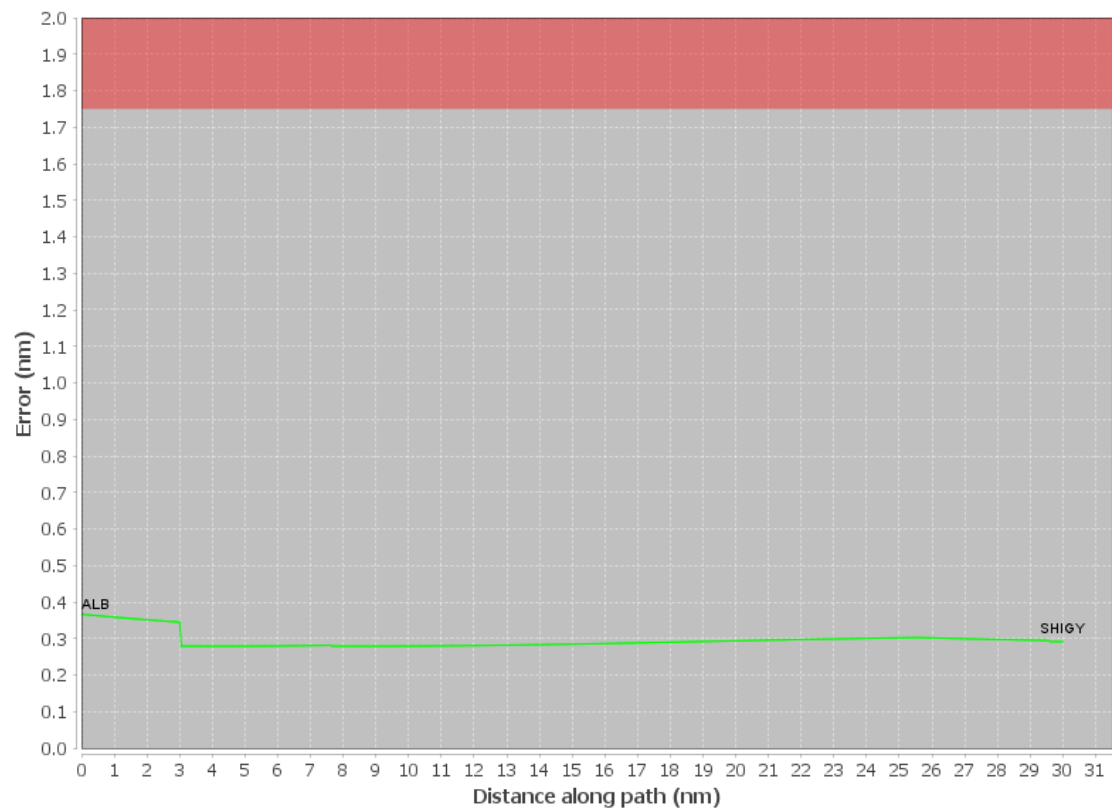
#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMK CMK [IFPA]	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	692.8	116.6	CMK	
ESV:		Bearing [True]: 288.0° to 323.0° Bearing [Mag]: 300.0° to 335.0°				Arc Distance: Out to 95.0 NM Altitude: 7900.0 to 18000.0 ft		
2	EEN EEN [IFPA]	N42° 47' 39.4000", W072° 17' 30.4000"	-0.0 E	40	1380	null	EEN	
ESV:		Bearing [True]: 240.0° to 275.0° Bearing [Mag]: 240.0° to 275.0°				Arc Distance: Out to 98.0 NM Altitude: 7900.0 to 18000.0 ft		
3	HUO HUO [IFPA]	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO	
ESV:		Bearing [True]: 339.0° to 29.0° Bearing [Mag]: 350.0° to 40.0°				Arc Distance: Out to 65.0 NM Altitude: 7900.0 to 15900.0 ft		
4	FQM FQM [IFPA]	N41° 20' 18.8106", W076° 46' 29.5197"	9.0 W	40	2098	114.4	FQM	
ESV:		Bearing [True]: 1.0° to 21.0° Bearing [Mag]: 10.0° to 30.0°				Arc Distance: Out to 78.0 NM Altitude: 7900.0 to 18000.0 ft		
5	PUT PUT [IFPA]	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	652	117.4	PUT	
ESV:		Bearing [True]: 276.0° to 306.0° Bearing [Mag]: 290.0° to 320.0°				Arc Distance: Out to 101.0 NM Altitude: 7900.0 to 18000.0 ft		

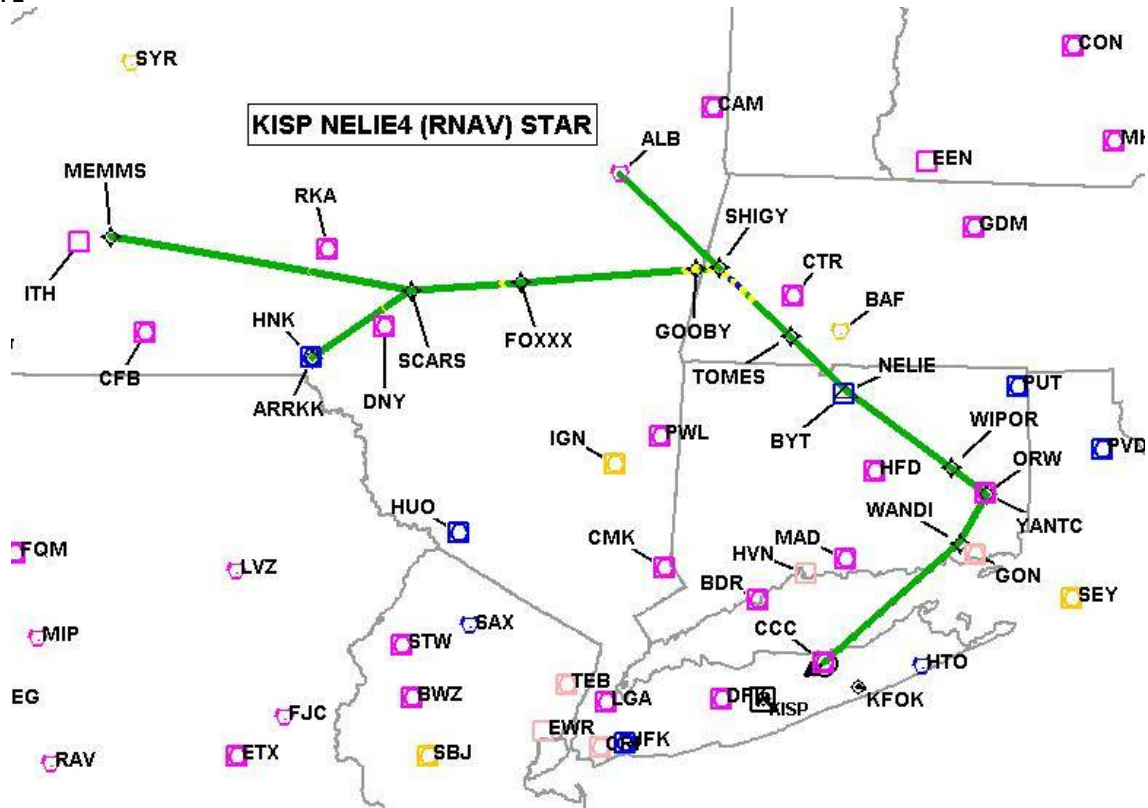
DME DME Assessment Results for KISP4 path ALB_SHIGY

DME Error



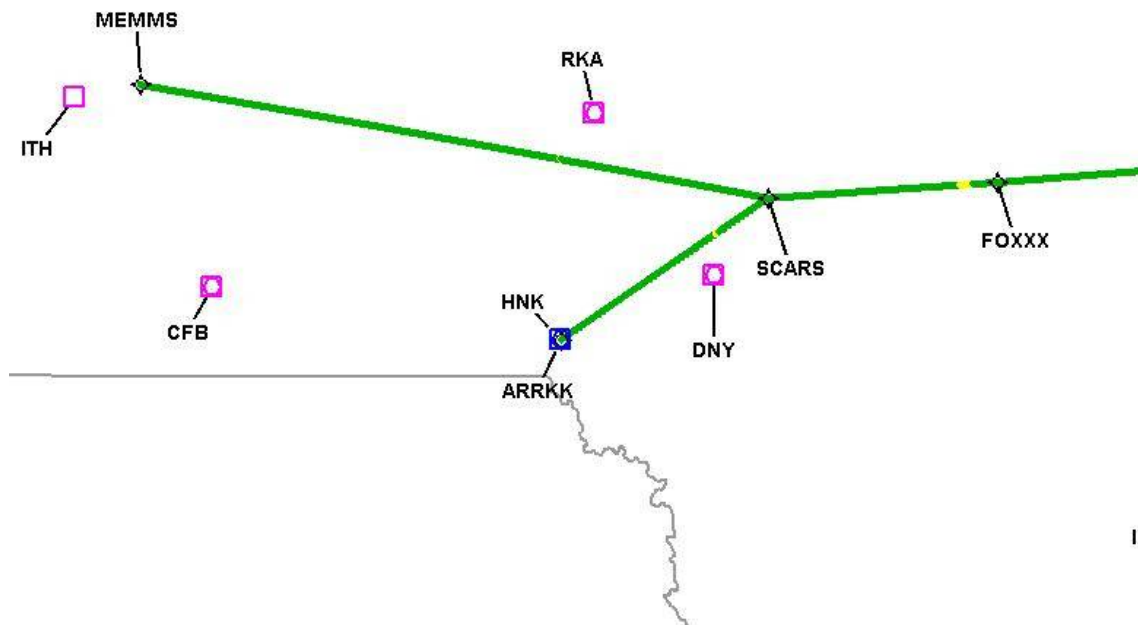
DME DME Assessment Results for KISP4 path ALB_SHIGY

Graphic Depiction 1



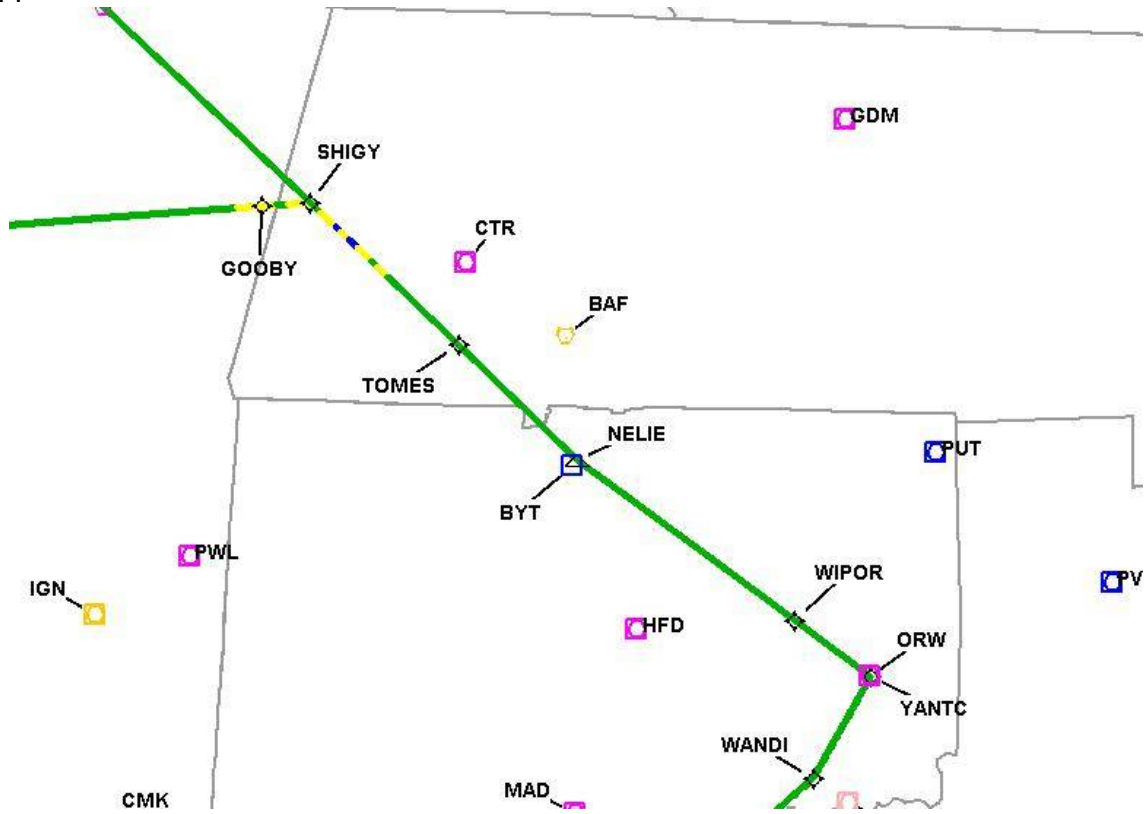
DME DME Assessment Results for KISP4 path ALB_SHIGY

KISP NELIE4 (RNAV) STAR



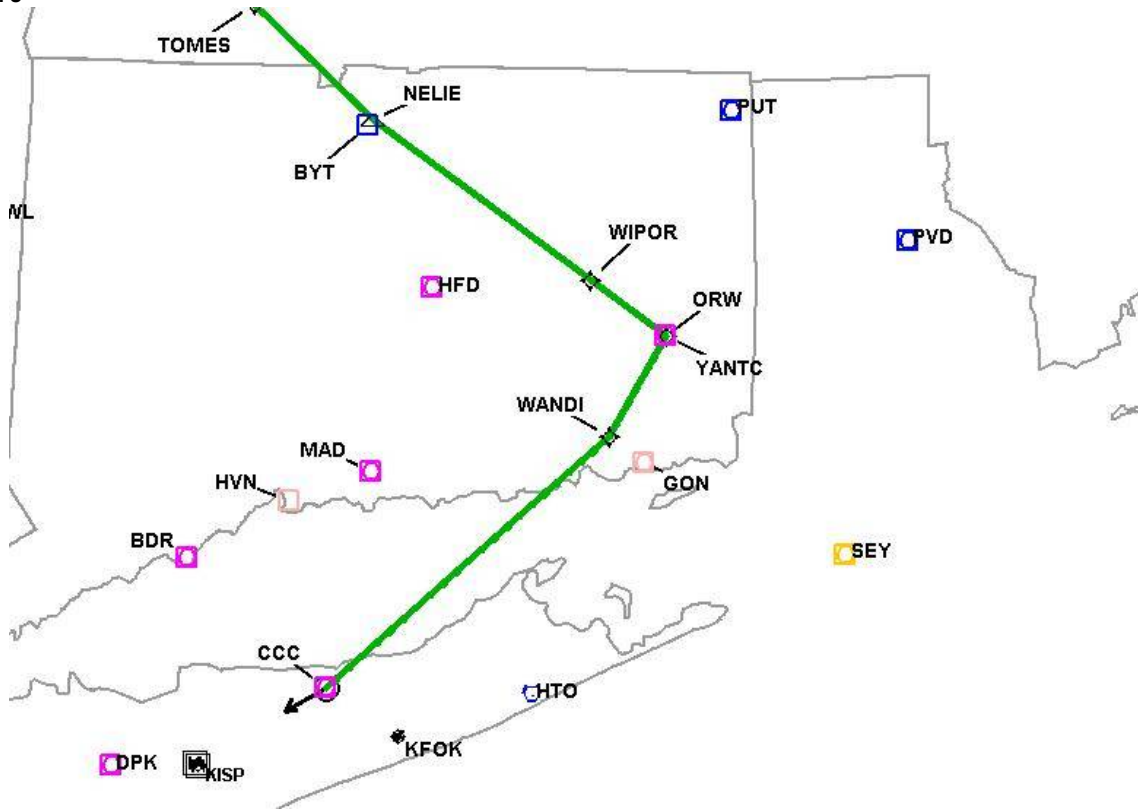
DME DME Assessment Results for KISP4 path ALB_SHIGY

Graphic Depiction 4



DME DME Assessment Results for KISP4 path ALB_SHIGY

Graphic Depiction 5



DME DME Assessment Results for KISP4 path ARRKK_CCC

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\KISP NELIE STAR\KISP NELIE (RNAV) STAR DME DME 20240319.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KISP NELIE STAR\KISP [IFPA] KISP4 20240319_1203 EDT\ARRKK_CCC\KISP KISP4 RNAV STAR ARRKK CCC 20240319_1203 EDT.pdf
Procedure Name:	KISP4
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:03 EDT
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
ARRKK	WP	N42° 03' 48.5200", W075° 19' 00.4100"	8000	VNAV	200	FLY_BY	TF
SCARS	WP	N42° 18' 56.6977", W074° 49' 47.3484"	8000	VNAV	200	FLY_BY	TF
FOXXX	WP	N42° 20' 37.1150", W074° 17' 31.0660"	8000	VNAV	200	FLY_BY	TF
GOOBY	WP	N42° 23' 36.3809", W073° 25' 44.8178"	8000	VNAV	200	FLY_BY	TF
SHIGY	WP	N42° 23' 57.9500", W073° 19' 00.9800"	8000	VNAV	200	FLY_BY	TF
TOMES	WP	N42° 08' 43.2700", W072° 58' 01.4400"	8000	VNAV	200	FLY_BY	TF
NELIE	WP	N41° 56' 27.6400", W072° 41' 18.8800"	8000	VNAV	200	FLY_BY	TF
WIPOR	WP	N41° 39' 23.0700", W072° 10' 37.6700"	6000	VNAV	200	FLY_BY	TF
YANTC	WP	N41° 33' 22.8100", W071° 59' 56.9500"	5000	VNAV	200	FLY_BY	TF
WANDI	WP	N41° 22' 33.7700", W072° 08' 01.8300"	4000	VNAV	200	FLY_BY	TF
CCC	WP	N40° 55' 46.6278", W072° 47' 55.8897"	3000	VNAV	200	FLY_OVER	TF

DME DME Assessment Results for KISP4 path ARKKK_CCC

Flyability	
Flight Type:	RNAV STAR
Selected Airport:	KISP [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	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	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 KISP4 path ARKK_CCC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PVD	N41° 43' 27.6334", W071° 25' 46.7078"	14.0 W	130	DH	IFPA	NO	Enabled	41.2 %	41.2 %
2	GON	N41° 19' 49.4474", W072° 03' 07.1446"	14.0 W	25	T	IFPA	NO	Enabled	19.3 %	19.3 %
3	HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	H	IFPA	NO	Enabled	18.8 %	18.8 %
4	HVN	N41° 15' 44.3264", W072° 53' 06.6847"	0.0 E	25	T	IFPA	NO	Enabled	10.4 %	10.4 %
5	EEN	N42° 47' 39.4000", W072° 17' 30.4000"	-0.0 E	40	L	IFPA	NO	Enabled	19.2 %	19.2 %
6	HFD	N41° 38' 27.9769", W072° 32' 50.7048"	13.0 W	40	L	IFPA	NO	Enabled	46.1 %	46.2 %
7	BOS	N42° 21' 26.8197", W070° 59' 22.3742"	16.0 W	130	DH	IFPA	NO	Enabled	32.8 %	32.8 %
8	SEY	N41° 10' 02.5230", W071° 34' 34.7600"	15.0 W	40	L	IFPA	NO	Enabled	16.6 %	16.6 %
9	CMK	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	L	IFPA	NO	Enabled	14 %	14 %
10	CTR	N42° 17' 28.7470", W072° 56' 57.8190"	13.0 W	40	L	IFPA	NO	Enabled	32.4 %	32.4 %
11	BDR	N41° 09' 38.5404", W073° 07' 28.1507"	12.0 W	40	L	IFPA	NO	Enabled	9.1 %	9.2 %
12	HTO	N40° 55' 08.3846", W072° 19' 00.1357"	13.0 W	130	H	IFPA	NO	Enabled	22.7 %	22.7 %
13	DNY	N42° 10' 41.8100", W074° 57' 24.9860"	11.0 W	40	L	IFPA	NO	Enabled	23.6 %	23.6 %
14	HNK	N42° 03' 47.0050", W075° 18' 58.6240"	11.0 W	130	H	IFPA	NO	Enabled	15.4 %	15.4 %
15	PUT	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	H	IFPA	NO	Enabled	34.6 %	34.6 %
16	BYT	N41° 55' 50.0220", W072° 41' 59.5420"	0.0 E	130	H	IFPA	NO	Enabled	29.1 %	29.1 %
17	CFB	N42° 09' 26.9653", W076° 08' 11.2978"	10.0 W	40	L	IFPA	NO	Enabled	0.1 %	0.1 %
18	ALB	N42° 44' 50.2097", W073° 48' 11.4623"	13.0 W	40	L	IFPA	NO	Enabled	23.8 %	23.8 %
19	PWL	N41° 46' 11.1770", W073° 36' 01.9850"	12.0 W	40	L	IFPA	NO	Enabled	8.5 %	8.5 %
20	CAM	N42° 59' 39.4398", W073° 20' 38.4681"	14.0 W	40	L	IFPA	NO	Enabled	5.6 %	5.6 %
21	ORW	N41° 33' 23.0534", W071° 59' 57.6719"	14.0 W	40	L	IFPA	NO	Enabled	32.3 %	32.3 %
22	CCC	N40° 55' 46.6278", W072° 47' 55.8897"	13.0 W	130	H	IFPA	NO	Enabled	16.1 %	16.1 %
23	RKA	N42° 27' 58.7900", W075° 14' 21.2210"	11.0 W	40	L	IFPA	NO	Enabled	21.3 %	21.3 %
24	MAD	N41° 18' 49.9000", W072° 41' 31.9300"	13.0 W	40	L	IFPA	NO	Enabled	38 %	38 %
25	BAF	N42° 09' 43.0527", W072° 42' 58.3182"	14.0 W	40	L	IFPA	NO	Enabled	30.3 %	30.3 %

DME DME Assessment Results for KISP4 path ARKK_CCC

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	RKA	CFB	DNY	CMK		
0.3	RKA	DNY	CMK			
5.1	RKA	DNY	CMK	HNK		
14.2	RKA	HNK	CMK			
17.6	RKA	HNK	HUO	CMK		
19.6	RKA	HNK	DNY			
20.1	RKA	HNK	HUO	CMK	DNY	
32.0	HUO	HNK	RKA	DNY		
39.8	HUO	RKA	DNY			
43.9	HUO	RKA	DNY	ALB		
45.8	HUO	RKA	DNY	ALB	EEN	
47.8	HUO	DNY	EEN			
52.2	HUO	DNY	EEN	ALB		
58.6	EEN	HUO	ALB			
60.4	EEN	ALB				
62.7	PUT	ALB	EEN			
71.5	ALB	CTR	EEN	PUT		
86.2	CTR	CAM	PWL	ALB		
86.6	CTR	CAM	PWL	PVD	ALB	
90.3	CTR	CAM	EEN	ALB	BAF	PUT
91.6	CTR	PWL	BAF	CAM	PVD	ALB
94.0	EEN	BYT	ALB	CTR	CAM	PUT
95.5	CTR	PWL	BAF	CAM	ALB	BYT
97.7						
98.5	BAF	PWL	CTR	ALB	CAM	BYT
99.7						
101.1	BAF	PWL	ALB	BYT	CTR	PVD
102.9	BYT	CTR	BOS	ALB		
103.8	ALB	PWL	BAF	BYT	PVD	CTR
104.1	BAF	PWL	BYT	PVD	CTR	BOS
105.3	BYT	CTR	BOS			
107.5	BYT	CTR	BOS	BAF		
107.8	BYT	CTR	PVD	BOS	BAF	
109.1	BYT	PWL	PVD	BAF	BOS	
114.5	BAF	CTR	PVD	HFD	BOS	BYT
128.0	BAF	PVD	BOS	CTR	HFD	
137.3	HFD	PUT	BAF	MAD	BOS	CTR
148.9	HFD	ORW	BYT	BAF	PUT	MAD
161.9	PUT	ORW	BYT	GON	PVD	MAD
168.7	SEY	BOS	GON	HFD	BYT	MAD
171.9	GON	HFD	PUT	SEY	BOS	MAD
173.7	HFD	PUT	HTO	GON	SEY	PVD
181.9	SEY	ORW	HFD	PUT	HTO	PVD
185.2	HFD	CCC	SEY	ORW	HTO	PVD
194.5	GON	HFD	SEY	HTO	MAD	CCC
200.1	GON	HFD	MAD	ORW	HTO	CCC
206.9	MAD	CCC	HTO	HFD	BDR	ORW
211.8	HVN	CCC	HFD	BDR	HTO	MAD
215.9	HVN	CCC	HTO	MAD	BDR	
220.9	HTO	MAD	BDR	HVN		

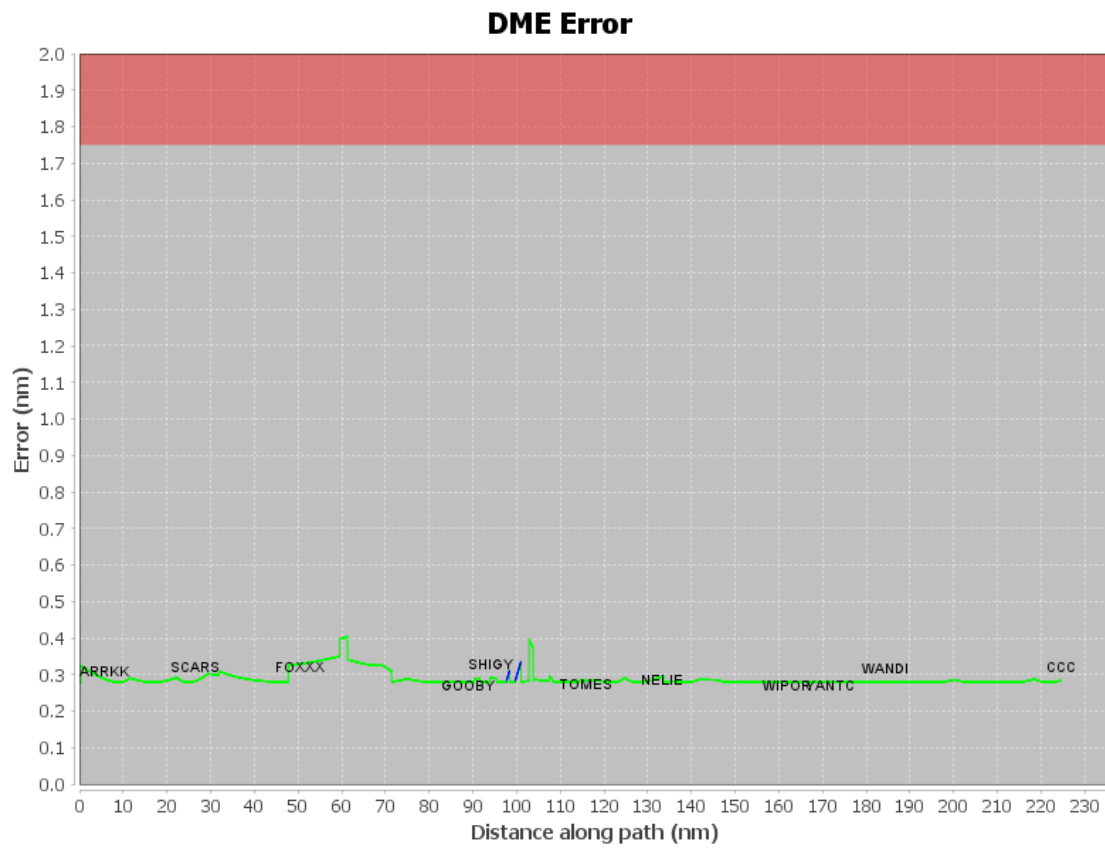
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N42° 21' 22.2873", W073° 15' 25.5329"	N42° 20' 49.7464", W073° 14' 40.5514"	0.7765
2	N42° 19' 58.6007", W073° 13' 29.8922"	N42° 19' 00.4658", W073° 12' 09.6363"	1.3866

DME DME Assessment Results for KISP4 path ARKK_CCC

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ARRKK	SCARS	CMK, HUO, HNK, RKA, DNY, CFB	
SCARS	FOXXX	CMK, HUO, HNK, ALB, RKA, DNY, EEN	
FOXXX	GOOBY	CTR, HUO, PWL, ALB, BAF, DNY, PUT, CAM, EEN, PVD	
GOOBY	SHIGY	CTR, PWL, ALB, BAF, BYT, CAM, PUT, PVD, EEN	
SHIGY	TOMES	CTR, PWL, ALB, BAF, BOS, HFD, BYT, CAM, PUT, PVD, EEN	
TOMES	NELIE	CTR, ORW, BAF, BOS, HFD, BYT, PVD	
NELIE	WIPOR	CTR, MAD, ORW, BAF, BOS, HFD, GON, BYT, PUT, PVD	
WIPOR	YANTC	MAD, ORW, SEY, GON, HFD, BOS, BAF, BYT, PUT, PVD	
YANTC	WANDI	MAD, HTO, ORW, SEY, GON, HFD, BOS, PUT, PVD	
WANDI	CCC	MAD, HVN, BDR, HTO, CCC, ORW, SEY, HFD, GON, PUT, PVD	

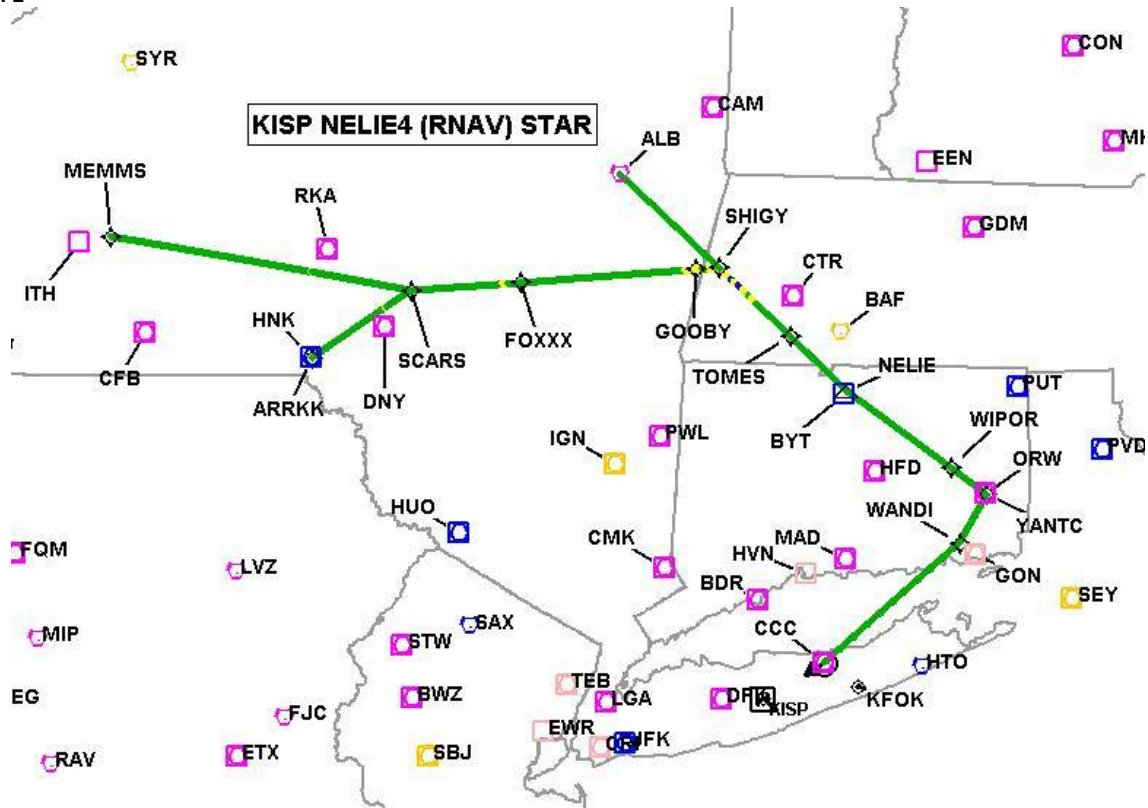
User Data Files								
#	File Name							
1	New Analysis.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMK CMK [IFPA]	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	692.8	116.6	CMK	
ESV:		Bearing [True]: 288.0° to 323.0° Bearing [Mag]: 300.0° to 335.0°				Arc Distance: Out to 95.0 NM Altitude: 7900.0 to 18000.0 ft		
2	EEN EEN [IFPA]	N42° 47' 39.4000", W072° 17' 30.4000"	-0.0 E	40	1380	null	EEN	
ESV:		Bearing [True]: 240.0° to 275.0° Bearing [Mag]: 240.0° to 275.0°				Arc Distance: Out to 98.0 NM Altitude: 7900.0 to 18000.0 ft		
3	HUO HUO [IFPA]	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO	
ESV:		Bearing [True]: 339.0° to 29.0° Bearing [Mag]: 350.0° to 40.0°				Arc Distance: Out to 65.0 NM Altitude: 7900.0 to 15900.0 ft		
4	FQM FQM [IFPA]	N41° 20' 18.8106", W076° 46' 29.5197"	9.0 W	40	2098	114.4	FQM	
ESV:		Bearing [True]: 1.0° to 21.0° Bearing [Mag]: 10.0° to 30.0°				Arc Distance: Out to 78.0 NM Altitude: 7900.0 to 18000.0 ft		
5	PUT PUT [IFPA]	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	652	117.4	PUT	
ESV:		Bearing [True]: 276.0° to 306.0° Bearing [Mag]: 290.0° to 320.0°				Arc Distance: Out to 101.0 NM Altitude: 7900.0 to 18000.0 ft		

DME DME Assessment Results for KISP4 path ARKK_CCC



DME DME Assessment Results for KISP4 path ARRKK_CCC

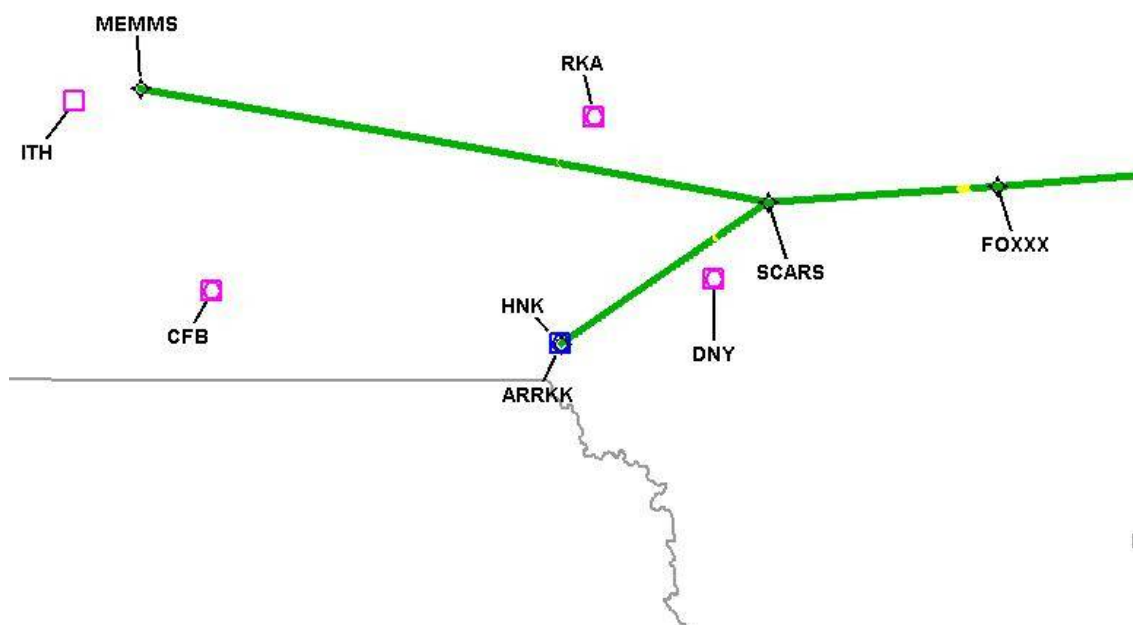
Graphic Depiction 1



DME DME Assessment Results for KISP4 path ARRKK_CCC

Graphic Depiction 2

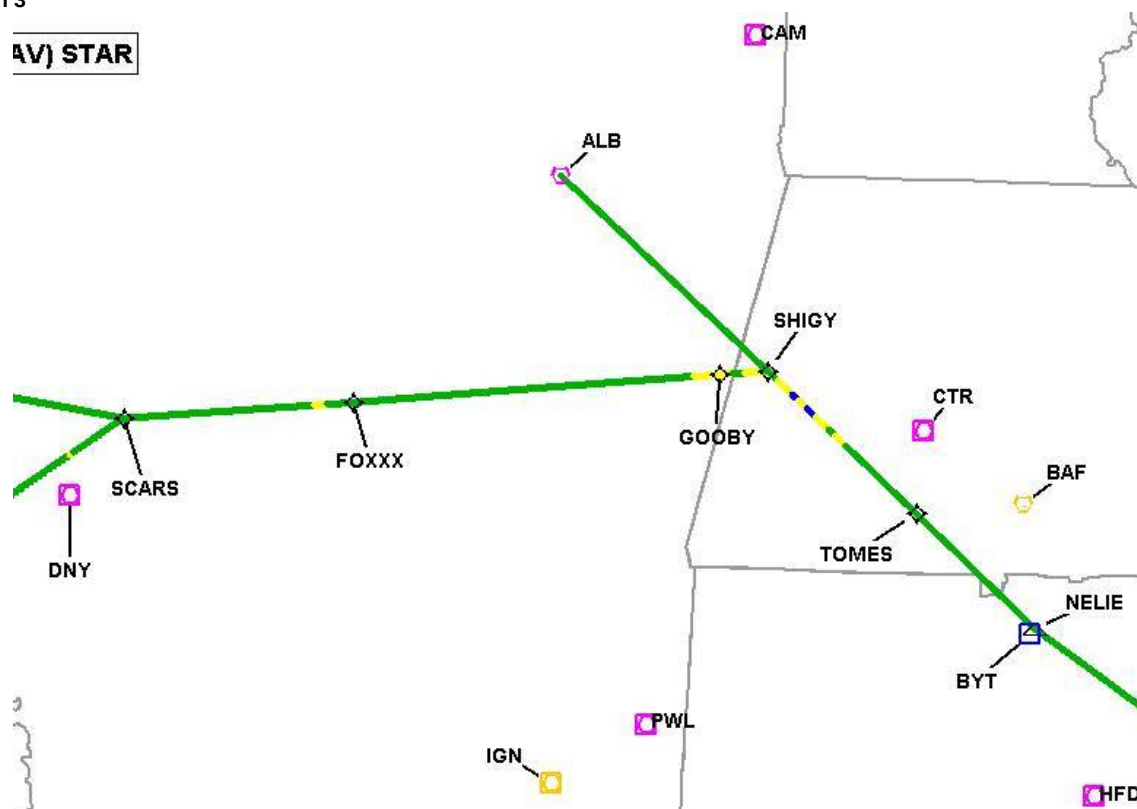
KISP NELIE4 (RNAV) STAR



DME DME Assessment Results for KISP4 path ARKK_CCC

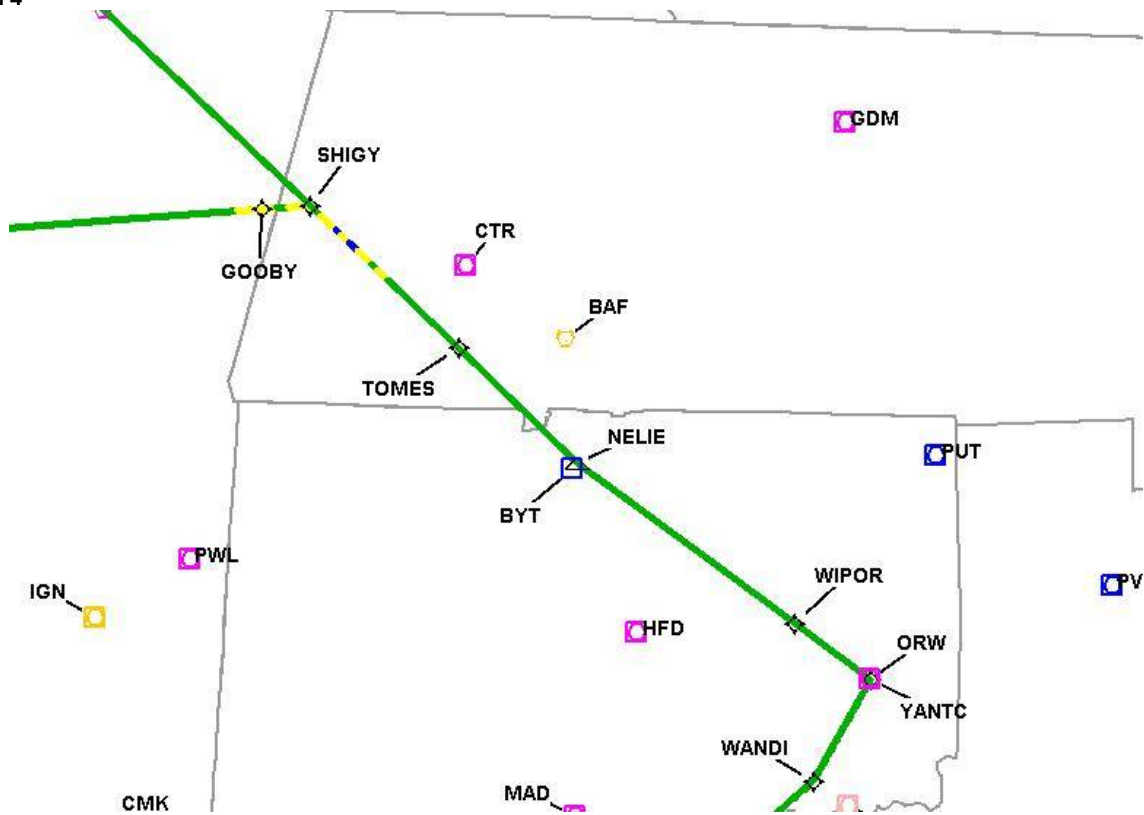
Graphic Depiction 3

AV) STAR



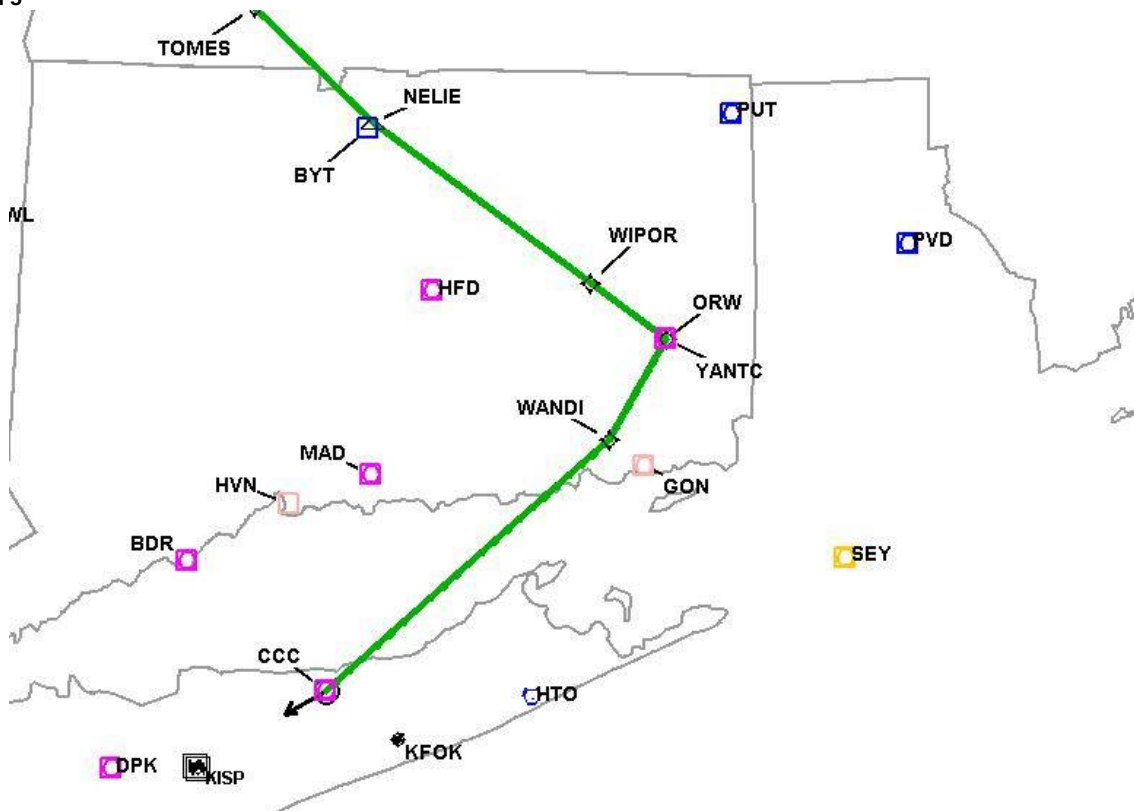
DME DME Assessment Results for KISP4 path ARRKK_CCC

Graphic Depiction 4



DME DME Assessment Results for KISP4 path ARRKK_CCC

Graphic Depiction 5



DME DME Assessment Results for KISP4 path MEMMS_SCARS

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\KISP NELIE STAR\KISP NELIE (RNAV) STAR DME DME 20240319.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\KISP NELIE STAR\KISP [IFPA] KISP4 20240319_1203 EDT\MEMMS_SCARS\KISP KISP4 RNAV STAR MEMMS SCARS 20240319_1203 EDT.pdf
Procedure Name:	KISP4
Software: DmeDmePlugin:	7.2.1
Date/Time:	03/19/2024 12:03 EDT
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
MEMMS	WP	N42° 30' 59.7100", W076° 18' 15.4300"	8000	VNAV	200	FLY_BY	TF
SCARS	WP	N42° 18' 56.6977", W074° 49' 47.3484"	8000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KISP [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 KISP4 path MEMMS_SCARS

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	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	HNK	N42° 03' 47.0050", W075° 18' 58.6240"	11.0 W	130	H	IFPA	NO	Enabled	77 %	77 %
2	HUO	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	H	IFPA	NO	Enabled	8.3 %	8.3 %
3	ITH	N42° 29' 42.0958", W076° 27' 35.0168"	-0.0 E	40	L	IFPA	NO	Enabled	49.5 %	49.5 %
4	CFB	N42° 09' 26.9653", W076° 08' 11.2978"	10.0 W	40	L	IFPA	NO	Enabled	64.9 %	64.9 %
5	RKA	N42° 27' 58.7900", W075° 14' 21.2210"	11.0 W	40	L	IFPA	NO	Enabled	78.5 %	78.5 %
6	FQM	N41° 20' 18.8106", W076° 46' 29.5197"	9.0 W	40	L	IFPA	NO	Enabled	3.3 %	3.3 %
7	DNY	N42° 10' 41.8100", W074° 57' 24.9860"	11.0 W	40	L	IFPA	NO	Enabled	62.8 %	62.8 %
8	CMK	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	L	IFPA	NO	Enabled	12 %	12 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ITH	CFB	FQM			
2.3	ITH	CFB				
8.1	RKA	CFB	ITH			
15.3	HNK	CFB	ITH	RKA		
24.8	HNK	CFB	DNY	RKA	ITH	
33.0	HNK	CFB	RKA	DNY		
43.3	RKA	DNY	HNK			
44.4	RKA	DNY	HNK	CFB		
44.5	DNY	HNK				
50.6	DNY	HNK	RKA			
55.4	RKA	HNK	DNY	CMK		
57.9	RKA	HNK	CMK	HUO	DNY	
60.3	RKA	HNK	DNY			
63.5	RKA	DNY	HNK	CMK	HUO	

DME DME Assessment Results for KISP4 path MEMMS_SCARS

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
---	----------------	--------------	-------------

Available DMEs by Waypoints

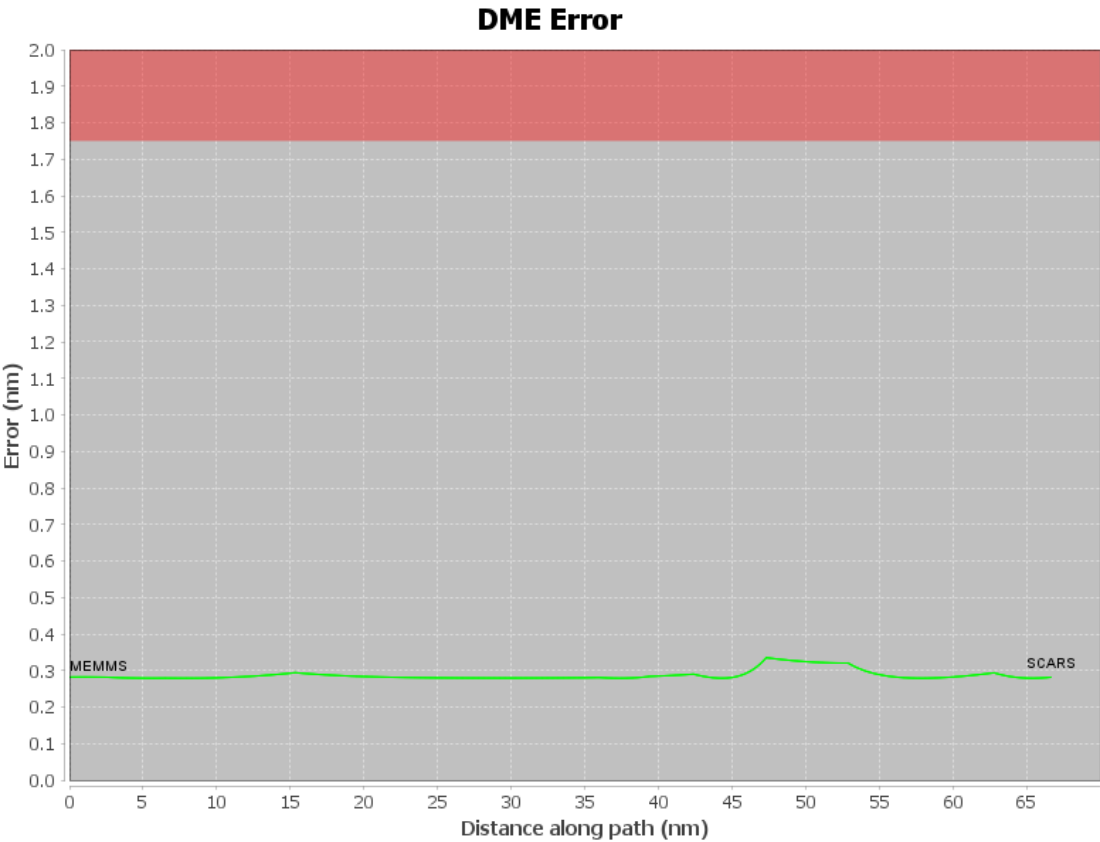
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MEMMS	SCARS	CMK, FQM, HUO, HNK, RKA, ITH, CFB, DNY	

User Data Files

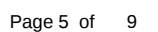
#	File Name
1	New Analysis.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CMK CMK [IFPA]	N41° 16' 48.3219", W073° 34' 52.7751"	12.0 W	40	692.8	116.6	CMK	
ESV:		Bearing [True]: 288.0° to 323.0° Bearing [Mag]: 300.0° to 335.0°				Arc Distance: Out to 95.0 NM Altitude: 7900.0 to 18000.0 ft		
2	EEN EEN [IFPA]	N42° 47' 39.4000", W072° 17' 30.4000"	-0.0 E	40	1380	null	EEN	
ESV:		Bearing [True]: 240.0° to 275.0° Bearing [Mag]: 240.0° to 275.0°				Arc Distance: Out to 98.0 NM Altitude: 7900.0 to 18000.0 ft		
3	HUO HUO [IFPA]	N41° 24' 34.8718", W074° 35' 29.7393"	11.0 W	130	1300.3	116.1	HUO	
ESV:		Bearing [True]: 339.0° to 29.0° Bearing [Mag]: 350.0° to 40.0°				Arc Distance: Out to 65.0 NM Altitude: 7900.0 to 15900.0 ft		
4	FQM FQM [IFPA]	N41° 20' 18.8106", W076° 46' 29.5197"	9.0 W	40	2098	114.4	FQM	
ESV:		Bearing [True]: 1.0° to 21.0° Bearing [Mag]: 10.0° to 30.0°				Arc Distance: Out to 78.0 NM Altitude: 7900.0 to 18000.0 ft		
5	PUT PUT [IFPA]	N41° 57' 19.6572", W071° 50' 38.7414"	14.0 W	130	652	117.4	PUT	
ESV:		Bearing [True]: 276.0° to 306.0° Bearing [Mag]: 290.0° to 320.0°				Arc Distance: Out to 101.0 NM Altitude: 7900.0 to 18000.0 ft		

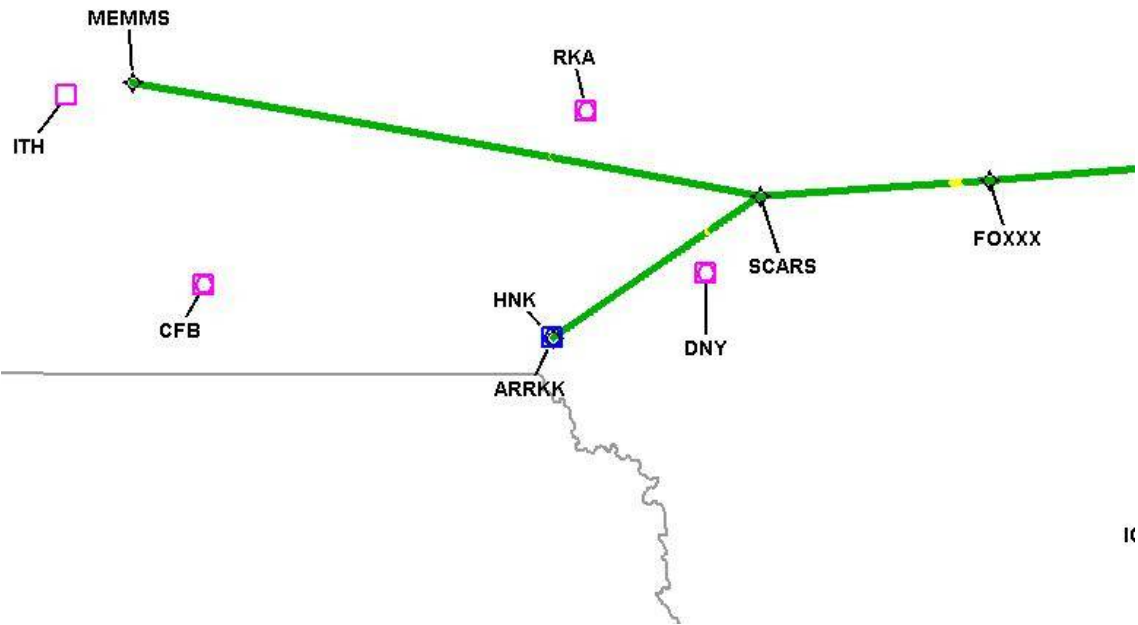


Graphic Depiction 1



Graphic Depiction 2

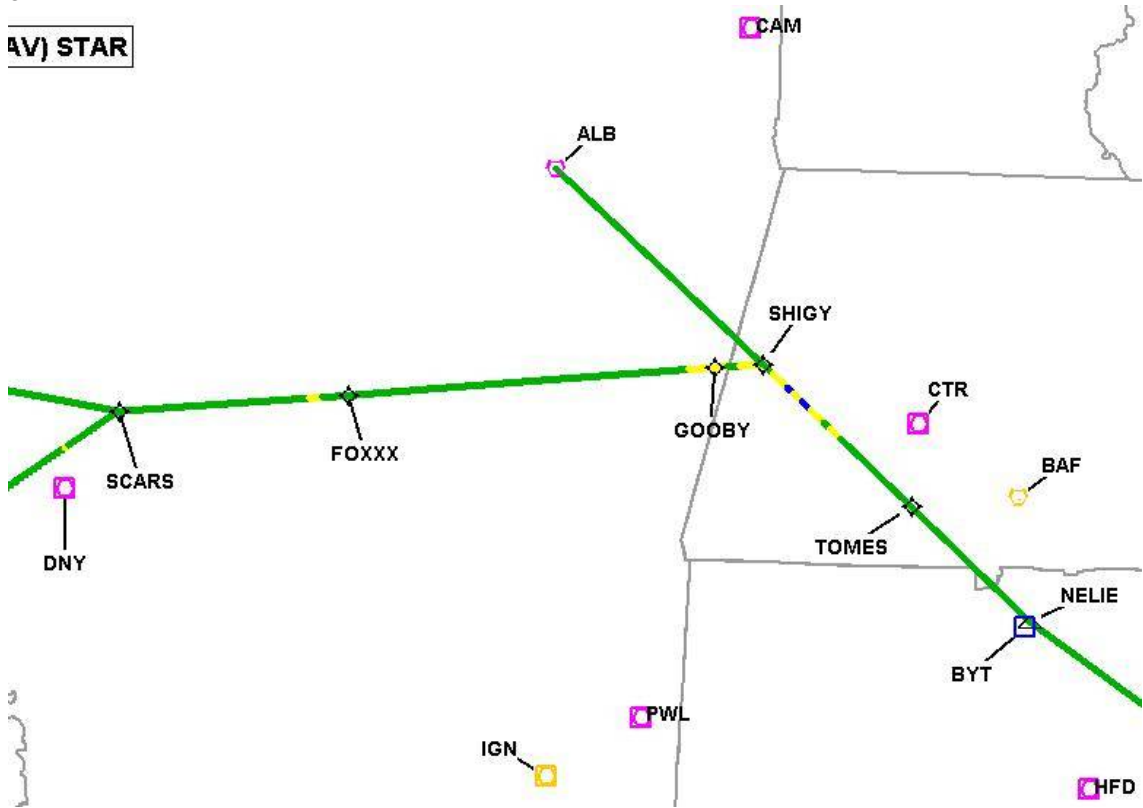
KISP NELIE4 (RNAV) STAR



DME DME Assessment Results for KISP4 path MEMMS_SCARS

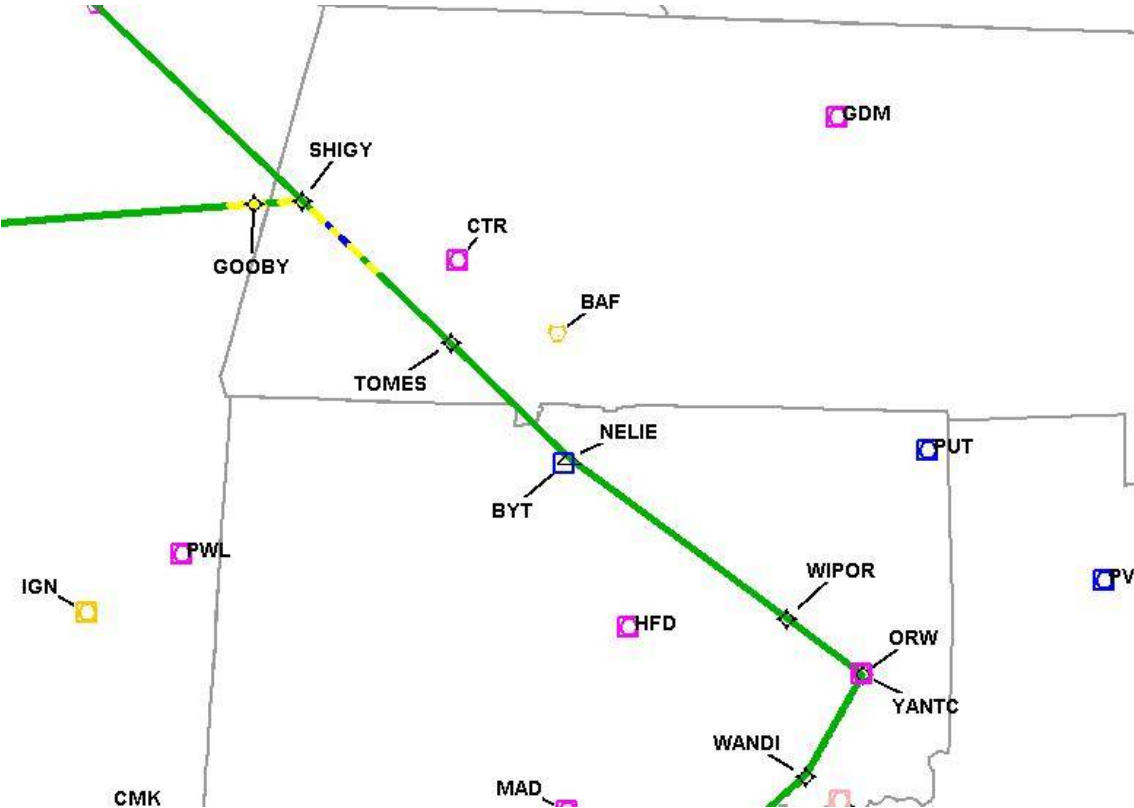
Graphic Depiction 3

AV) STAR



DME DME Assessment Results for KISP4 path MEMMS_SCARS

Graphic Depiction 4



DME DME Assessment Results for KISP4 path MEMMS_SCARS

Graphic Depiction 5

