

DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\CHSNE__JOGLO\KBNA CHSNE3 RNAV STAR CHSNE__JOGLO 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
CHSNE__	WP	N35° 49' 32.903495507", W087° 28' 30.505950812"	11000	VNAV	280	FLY_BY	TF
WUGRL	WP	N36° 00' 56.538169271", W086° 55' 56.137167287"	10000	VNAV	250	FLY_BY	TF
NBORO	WP	N36° 03' 17.849761290", W086° 49' 07.784638381"	9000	VNAV	230	FLY_BY	TF
JOGLO	WP	N36° 09' 26.760000000", W086° 46' 43.870000000"	8000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBNA [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 CHSNE3 path CHSNE__JOGLO

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:	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:	DOB,LRF,NMM,XMEI

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	72.4 %	72.7 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	72.4 %	72.7 %
3	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	15.8 %	16.6 %
4	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	48.1 %	47.1 %
5	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
6	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
7	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
8	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

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Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BNA	DCU	SYI			
4.3	DCU	GHM	BNA	SYI		
6.9	SYI	BNA				
13.1	SYI	BNA	GHM			
13.4						
21.3	SYI	BNA	GHM			
38.1						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N35° 54' 50.945911728", W087° 13' 25.599203378"	N35° 57' 58.654155390", W087° 04' 28.019720989"	7.9177
2	N36° 06' 24.137960801", W086° 47' 55.161595452"	N36° 09' 26.760000000", W086° 46' 43.870000000"	3.1881

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CHSNE	WUGRL	SYI, BNA, DCU, GHM	
WUGRL	NBORO	SYI, BNA, GHM	
NBORO	JOGLO	SYI, BNA, GHM	

User Data Files

#	File Name
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None	
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DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

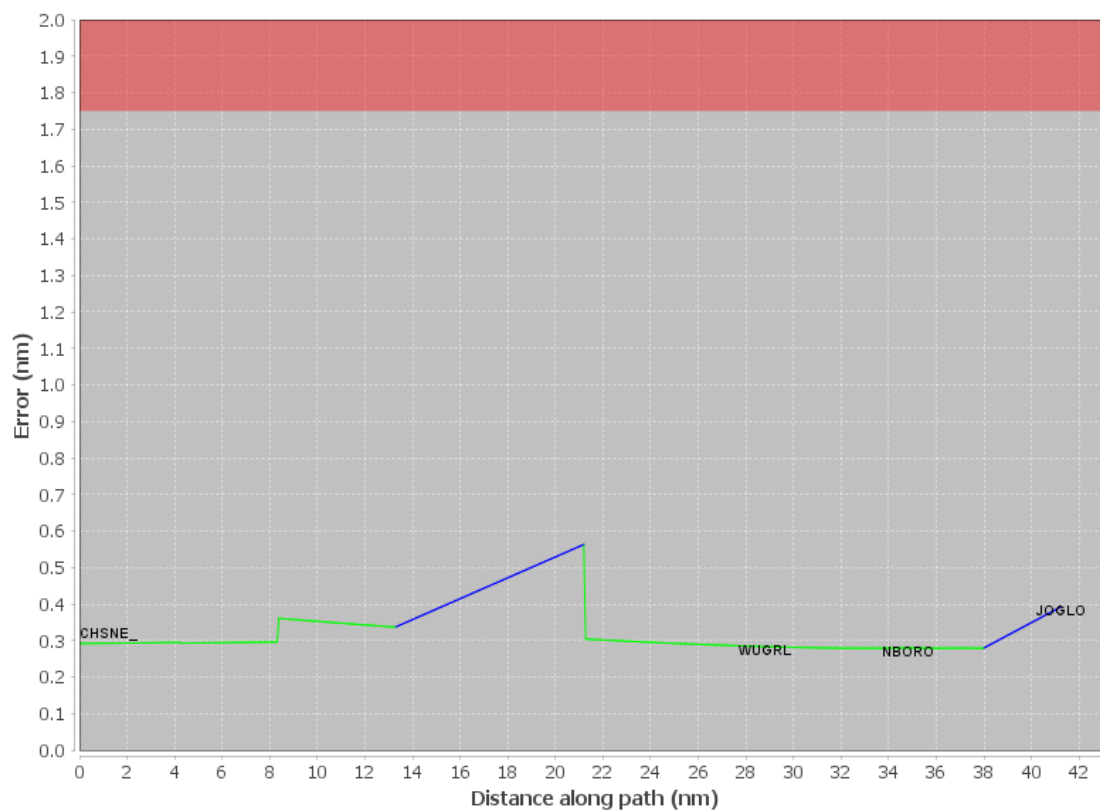
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

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User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

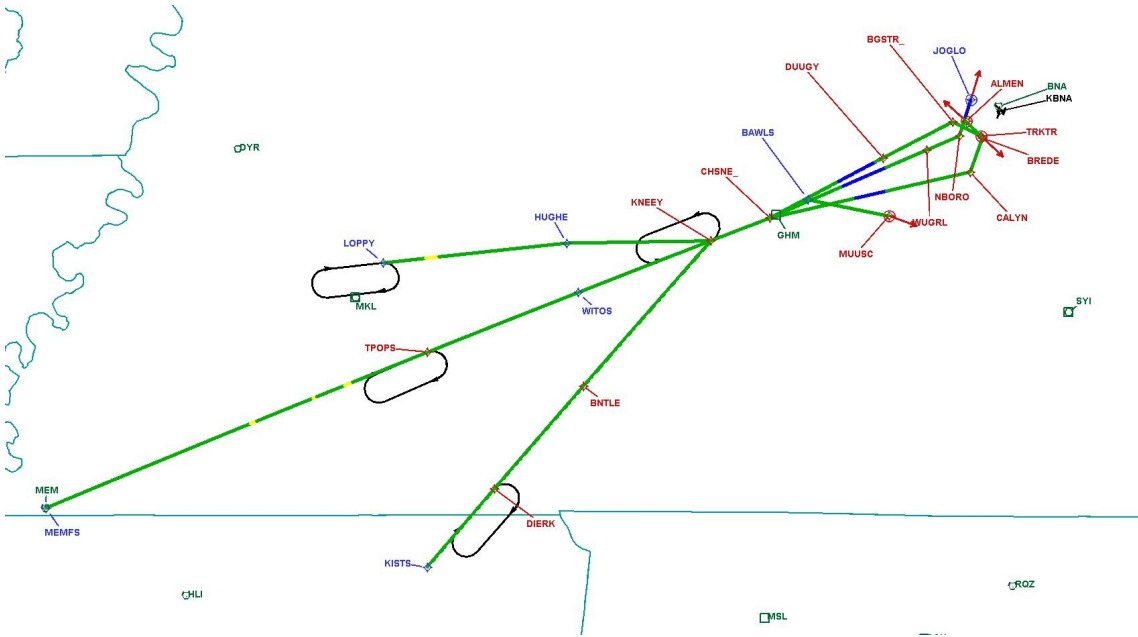
DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

DME Error



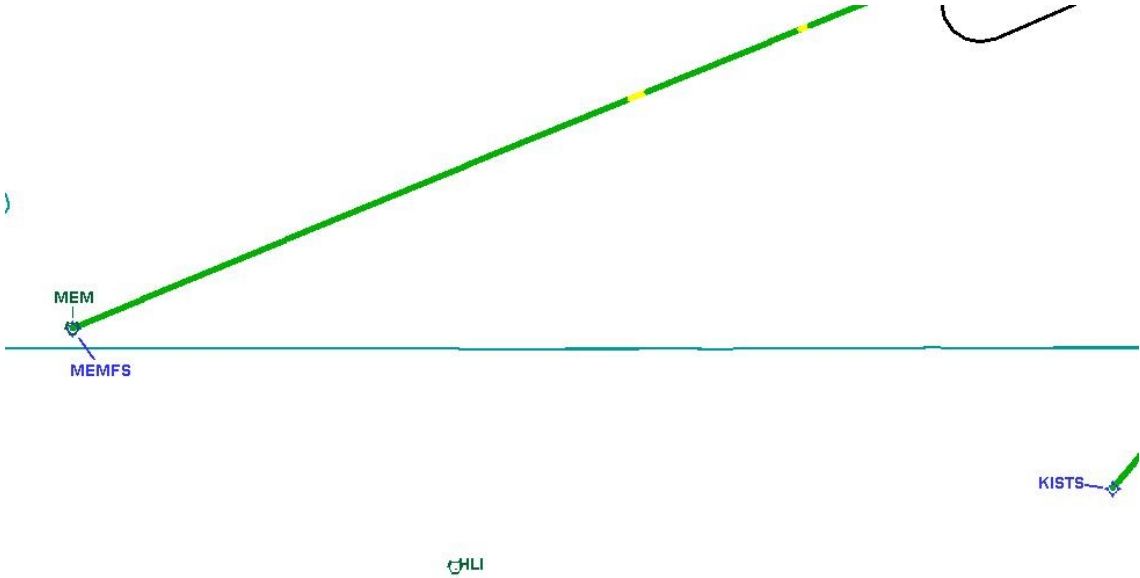
DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

Graphic Depiction 1



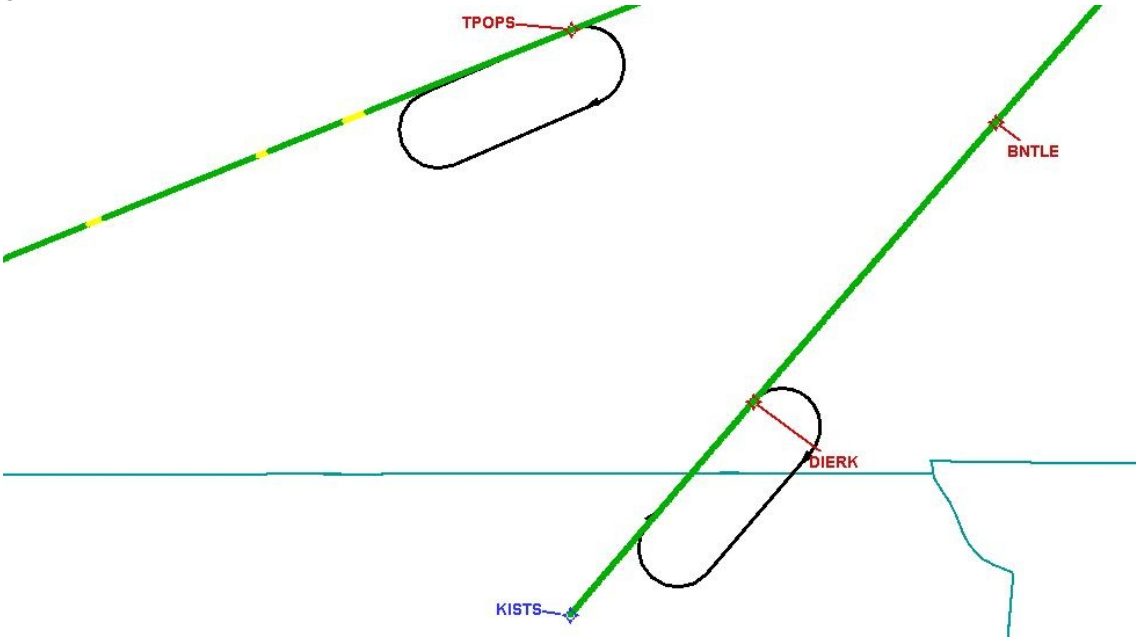
DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

Graphic Depiction 2

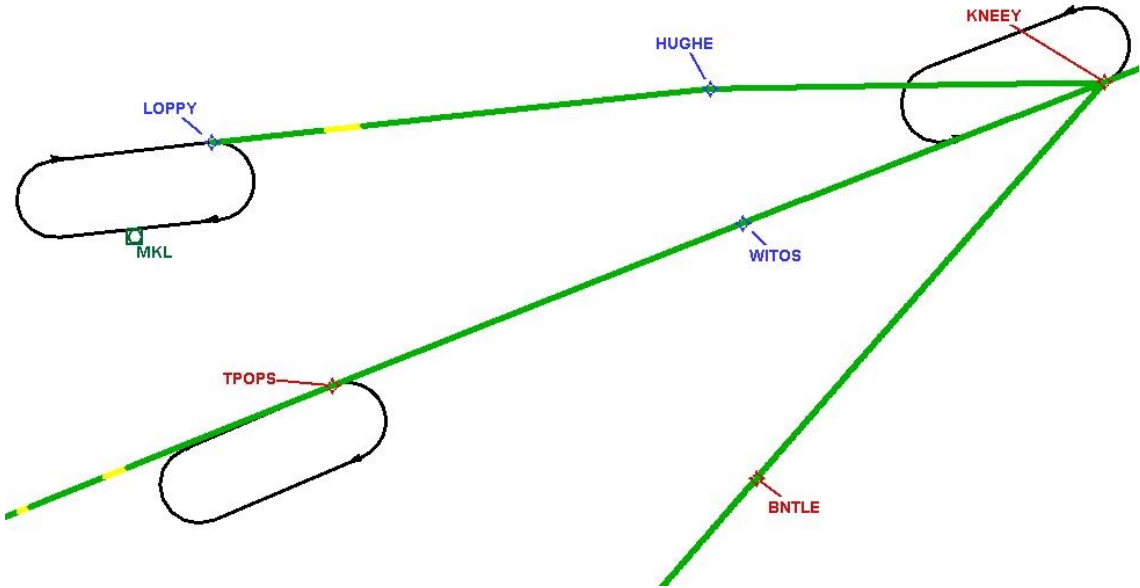


DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

Graphic Depiction 3

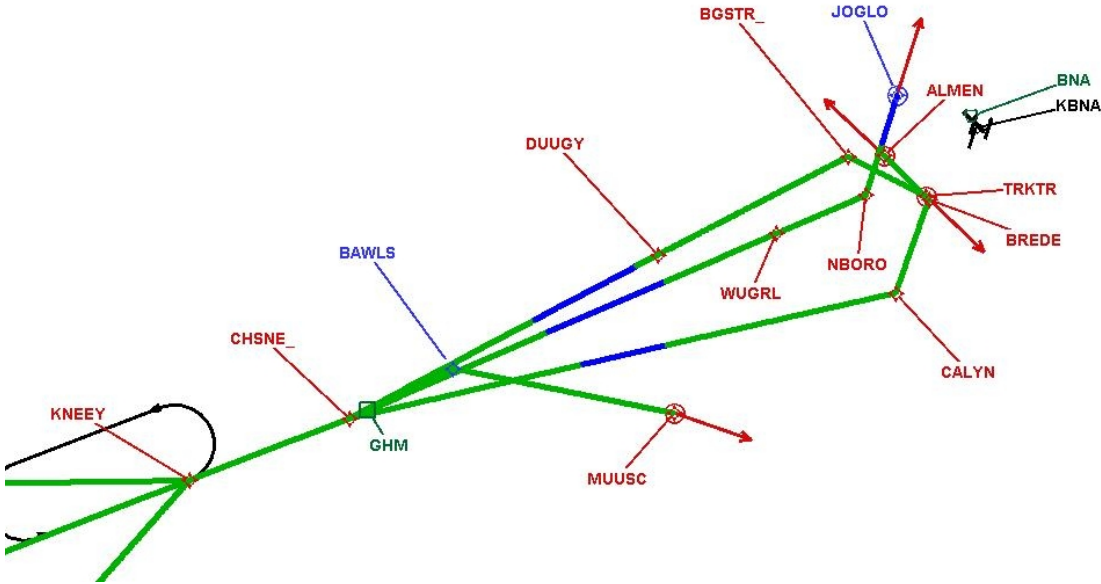


Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path CHSNE__JOGLO

Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\CHSNE__MUUSC\KBNA CHSNE3 RNAV STAR CHSNE MUUSC 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
CHSNE_	WP	N35° 49' 32.903495507", W087° 28' 30.505950812"	11000	VNAV	280	FLY_BY	TF
BAWLS	WP	N35° 52' 38.730000000", W087° 20' 36.650000000"	10000	VNAV	250	FLY_BY	TF
MUUSC	WP	N35° 49' 53.407258636", W087° 03' 46.136490144"	7000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [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 CHSNE3 path CHSNE__MUUSC

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:	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:	DOB,LRF,NMM,XMEI

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	100 %	100 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	100 %	100 %
3	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	23.1 %	25 %
4	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	3.4 %	3.7 %
5	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
6	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
7	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
8	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BNA	DCU	SYI			
4.5	DCU	BNA	GHM	SYI		
5.3	SYI	BNA				

DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CHSNE	BAWLS	SYI, BNA, DCU, GHM	
BAWLS	MUUSC	SYI, BNA	

User Data Files

#	File Name
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None	
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DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

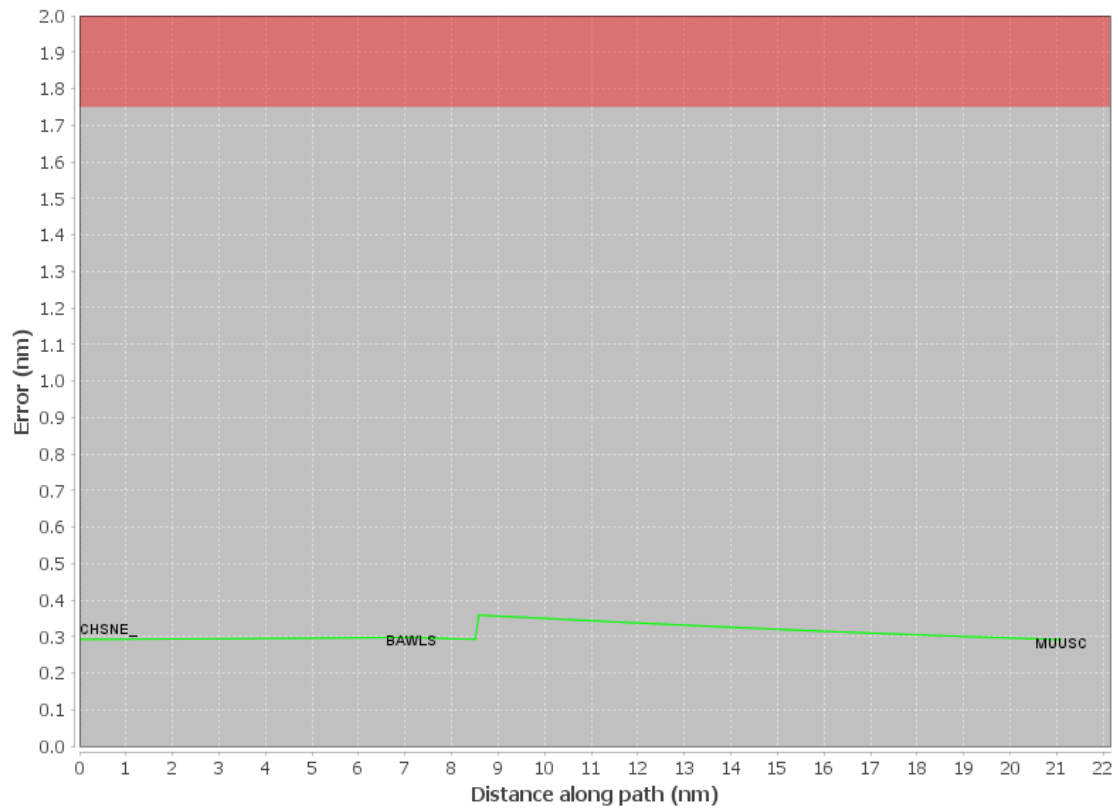
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

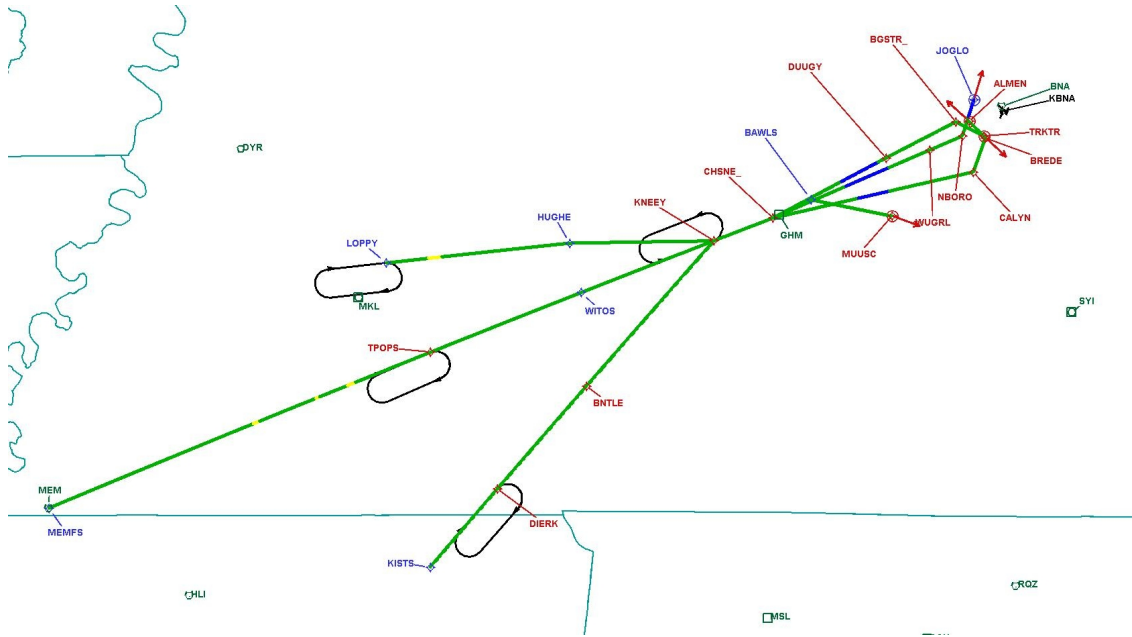
DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

DME Error



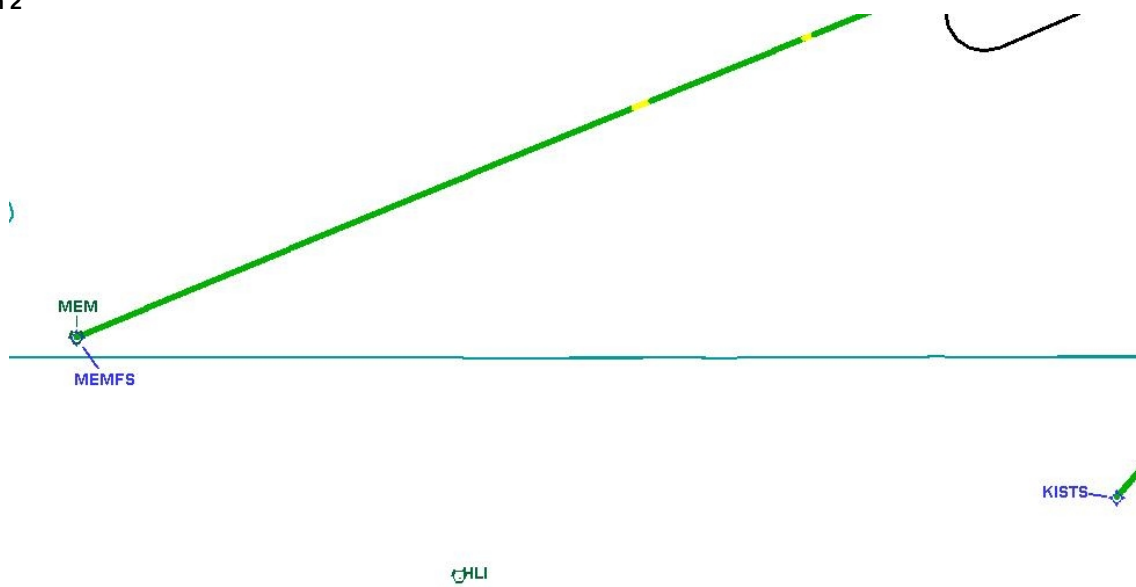
DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

Graphic Depiction 1



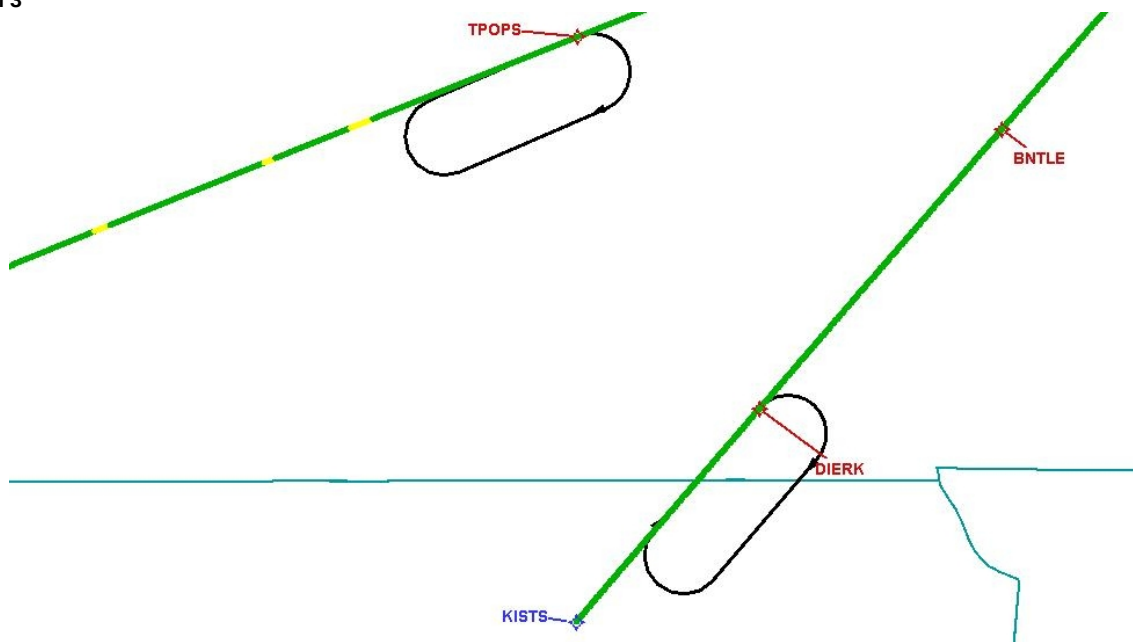
DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

Graphic Depiction 2



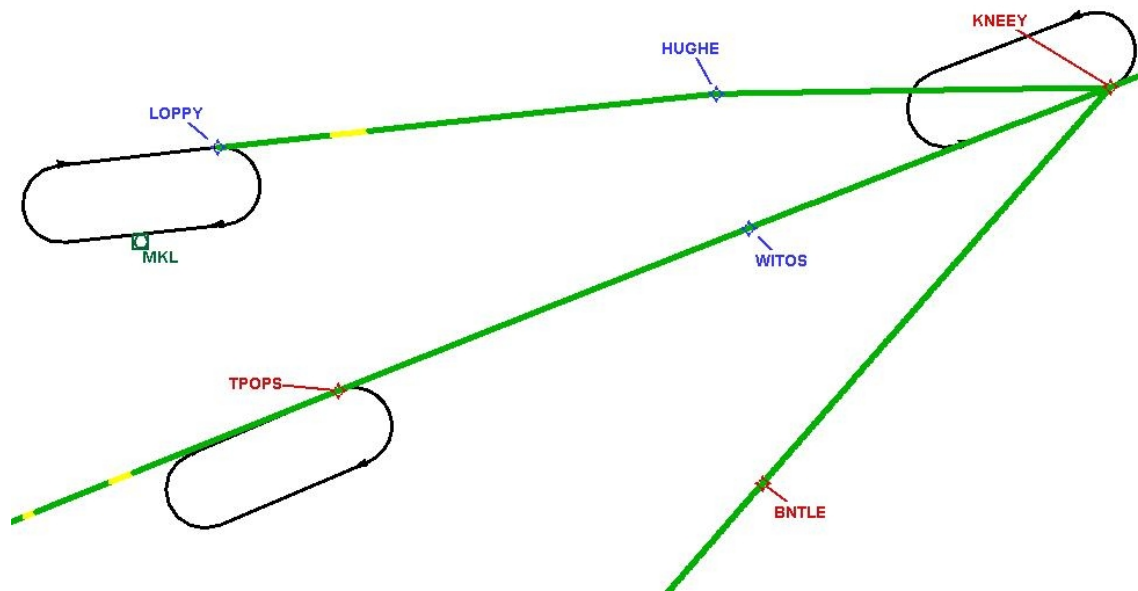
DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

Graphic Depiction 3



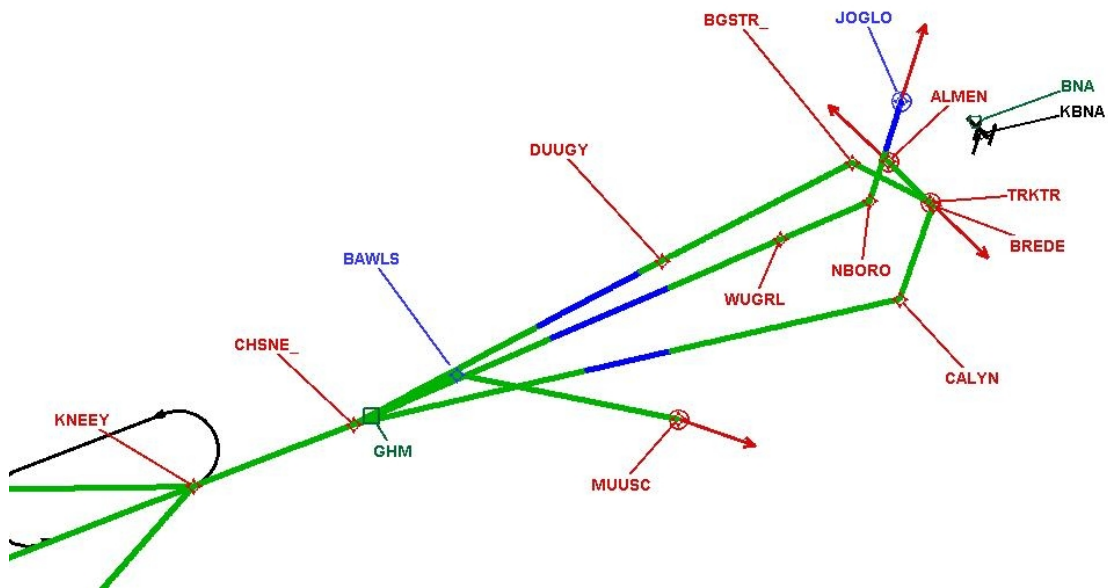
DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path CHSNE__MUUSC

Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\CHSNE__TRKTR\KBNA CHSNE3 RNAV STAR CHSNE__TRKTR 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
CHSNE__	WP	N35° 49' 32.903495507", W087° 28' 30.505950812"	11000	VNAV	280	FLY_BY	TF
DUUGY	WP	N35° 59' 37.516230207", W087° 05' 00.716836971"	10000	VNAV	250	FLY_BY	TF
BGSTR__	WP	N36° 05' 40.640469411", W086° 50' 29.270772520"	8000	VNAV	250	FLY_BY	TF
TRKTR	WP	N36° 03' 16.047143547", W086° 44' 35.437242808"	8000	VNAV	210	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBNA [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 CHSNE3 path CHSNE__TRKTR

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:	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:	DOB,LRF,NMM,XMEI

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	83.2 %	82.2 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	77.4 %	76.8 %
3	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	10.3 %	10.8 %
4	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	57.3 %	55 %
5	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
6	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
7	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
8	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	BNA	DCU	SYI			
4.4	SYI	BNA				
10.9	SYI	GHM	BNA			
13.0						
20.0	SYI	GHM	BNA			
38.0	GHM	SYI				

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N35° 55' 36.659710508", W087° 14' 24.332914929"	N35° 58' 54.173185515", W087° 06' 42.339510969"	7.0629

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
CHSNE_	DUUGY	SYI, BNA, DCU, GHM	
DUUGY	BGSTR_	SYI, BNA, GHM	
BGSTR_	TRKTR	SYI, BNA, GHM	

User Data Files

#	File Name
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None	
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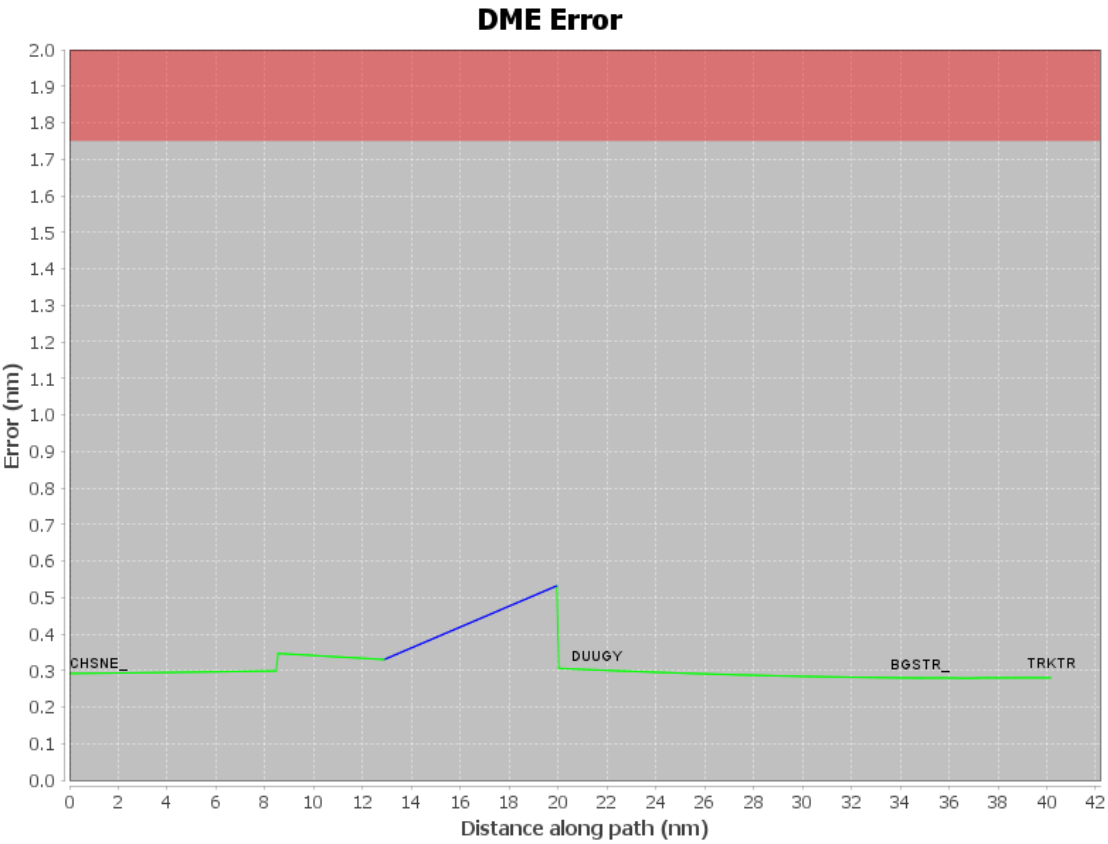
DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

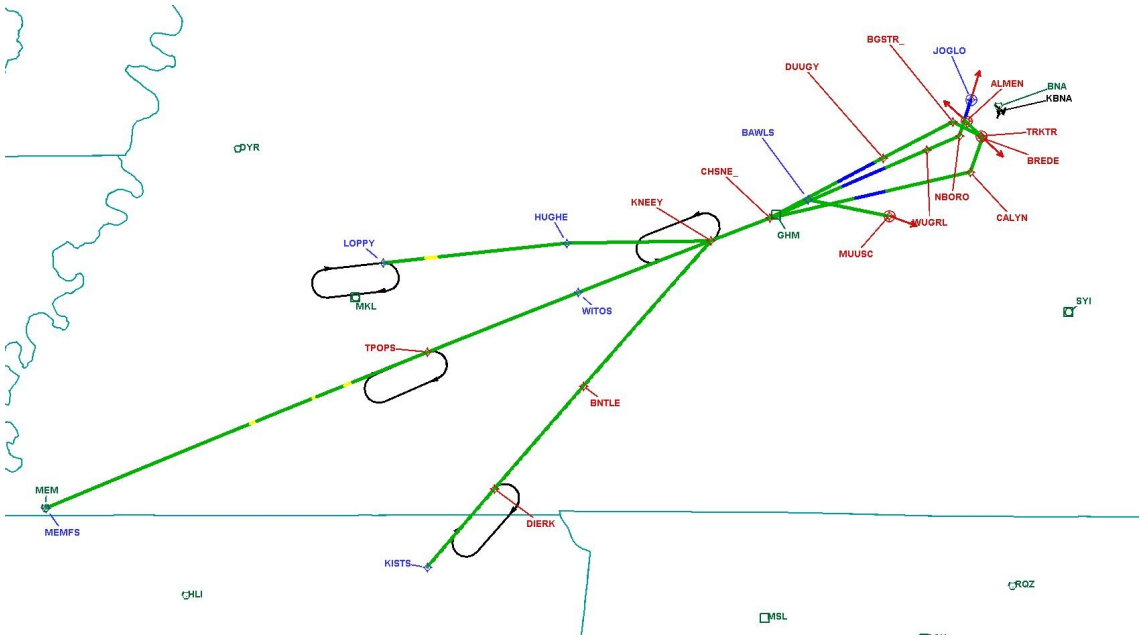
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR



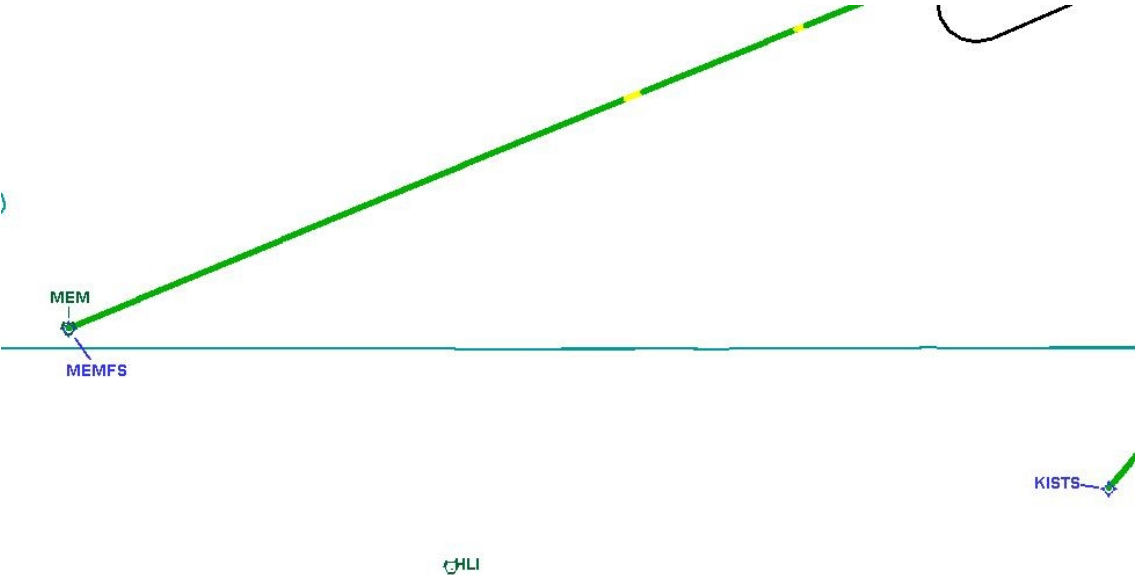
DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

Graphic Depiction 1



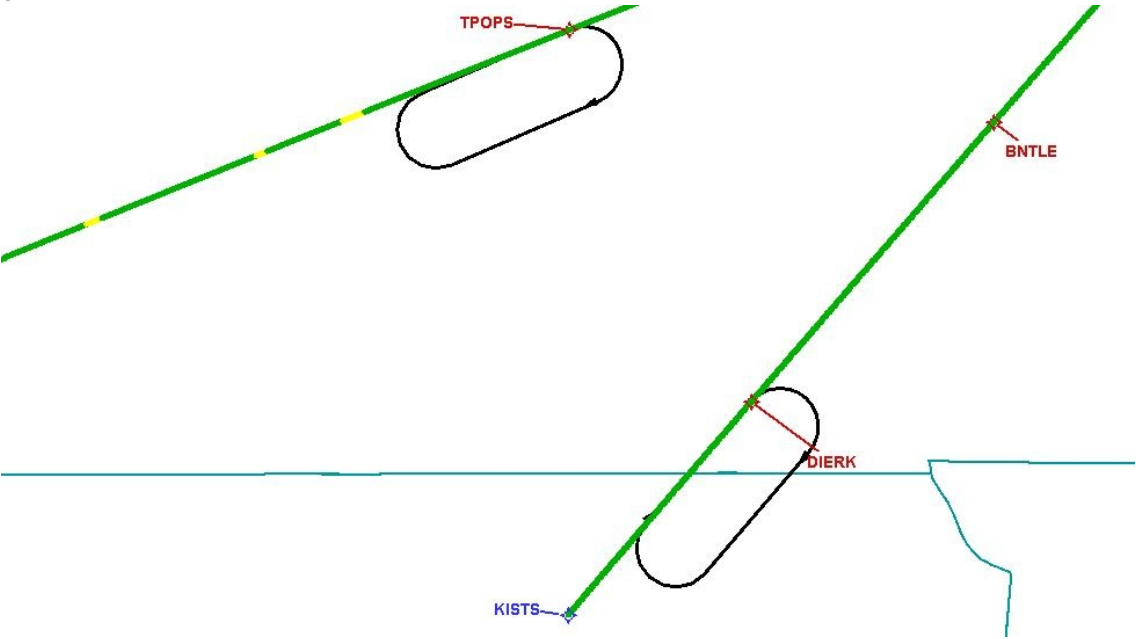
DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

Graphic Depiction 2

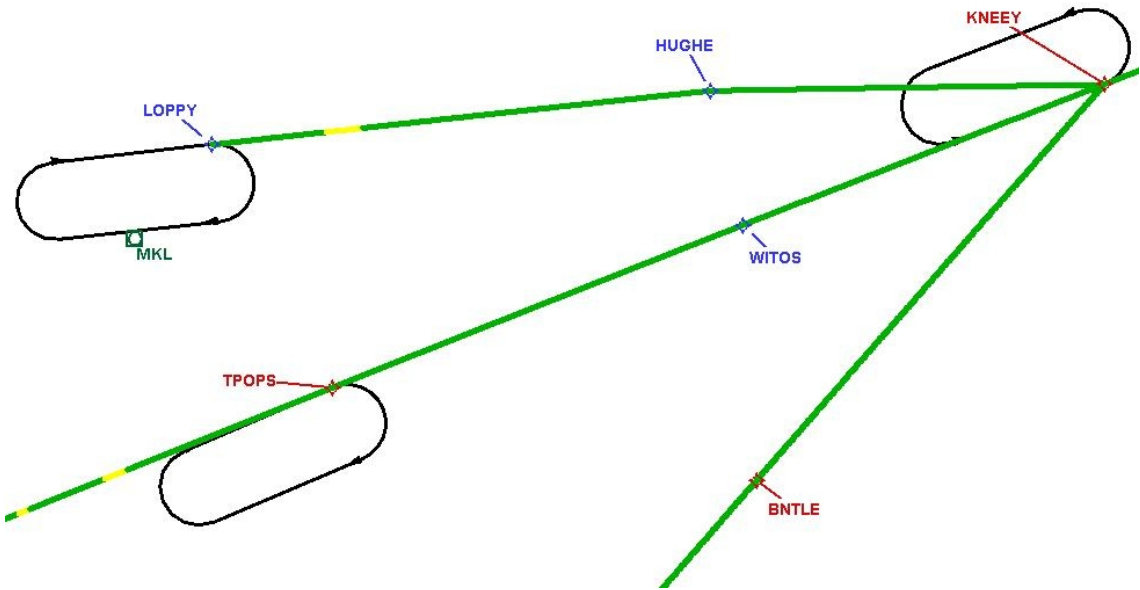


DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

Graphic Depiction 3

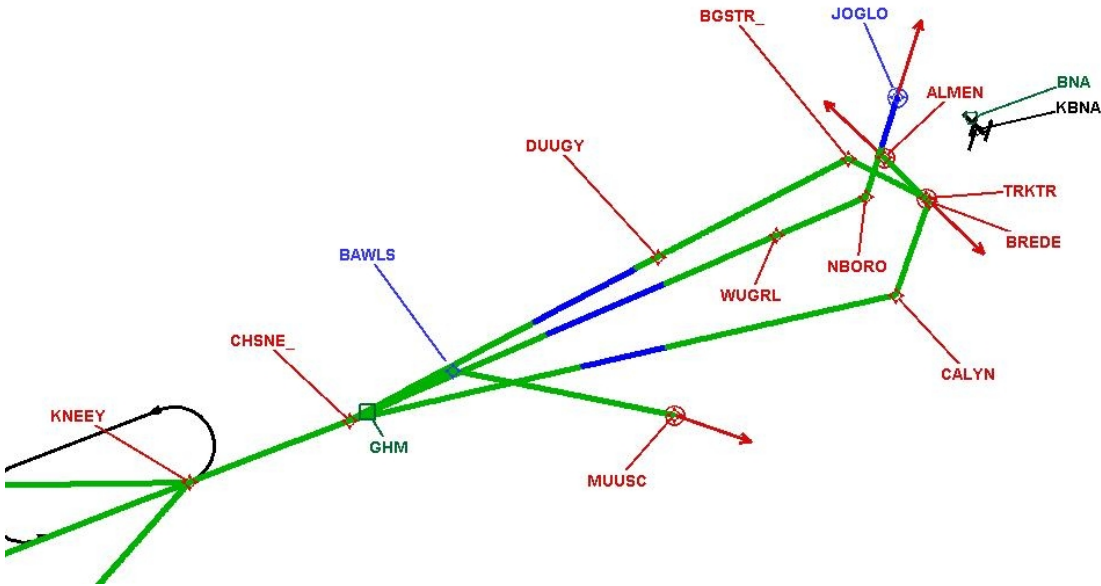


Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path CHSNE__TRKTR

Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\KISTS_ALMEN\KBNA CHSNE3 RNAV STAR KISTS ALMEN 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
KISTS	WP	N34° 51' 02.050000000", W088° 39' 42.100000000"	11000	VNAV	280	FLY_BY	TF
DIERK	WP	N35° 04' 11.244580107", W088° 25' 41.610803237"	11000	VNAV	280	FLY_BY	TF
BNTLE	WP	N35° 21' 21.940905241", W088° 07' 14.441838807"	11000	VNAV	280	FLY_BY	TF
KNEEY	WP	N35° 45' 45.135600000", W087° 40' 43.765600000"	11000	VNAV	280	FLY_BY	TF
CHSNE_	WP	N35° 49' 32.903495507", W087° 28' 30.505950812"	11000	VNAV	280	FLY_BY	TF
CALYN	WP	N35° 57' 17.271504059", W086° 46' 50.622064444"	8000	VNAV	250	FLY_BY	TF
BREDE	WP	N36° 03' 01.871460649", W086° 44' 19.224048869"	8000	VNAV	250	FLY_BY	TF
ALMEN	WP	N36° 05' 45.868849200", W086° 47' 44.617149683"	8000	VNAV	210	FLY_OVER	TF

DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Flyability	
Flight Type:	RNAV STAR
Selected Airport:	KBNA [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, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	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:	DOB,LRF,NMM,XMEI

DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	36.7 %	36.1 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	66.6 %	67.1 %
3	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	70.8 %	71.5 %
4	MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	H		NO	Enabled	36.8 %	37.1 %
5	HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	L		NO	Enabled	31.2 %	31.5 %
6	OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	L		NO	Enabled	20.6 %	20.8 %
7	DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	L		NO	Enabled	17 %	17.2 %
8	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	51.2 %	50.7 %
9	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
10	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
11	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
12	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	OTB	DCU	HAB			
20.6	OTB	DCU	DYR	HAB		
26.7	DCU	HAB				
27.6	DCU	HAB	DYR			
28.1	DYR	BNA	HAB	DCU		
31.2	MSL	BNA	DYR	HAB	DCU	
40.4	MSL	BNA	DCU	DYR		
43.6	MSL	BNA	DCU			
44.6	MSL	GHM	DCU	BNA		
76.5	MSL	GHM	BNA	DCU	SYI	
78.9	BNA	DCU	GHM	SYI		
81.8	BNA	DCU	SYI			
87.8	DCU	GHM	BNA	SYI		
91.8	SYI	BNA				
98.3						
103.7	SYI	BNA				
104.2	SYI	BNA	GHM			
119.7	GHM	SYI				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N35° 52' 52.052817311", W087° 10' 48.906954752"	N35° 54' 03.729508510", W087° 04' 23.014859116"	5.3602

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KISTS	DIERK	DCU, HAB, OTB	
DIERK	BNTLE	BNA, DCU, MSL, HAB, OTB, DYR	
BNTLE	KNEEY	BNA, MSL, DCU, HAB, DYR, GHM	
KNEEY	CHSNE_	SYI, BNA, MSL, DCU, GHM	
CHSNE_	CALYN	SYI, BNA, DCU, GHM	
CALYN	BREDE	SYI, BNA, GHM	
BREDE	ALMEN	SYI, GHM	

User Data Files

#	File Name
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None	
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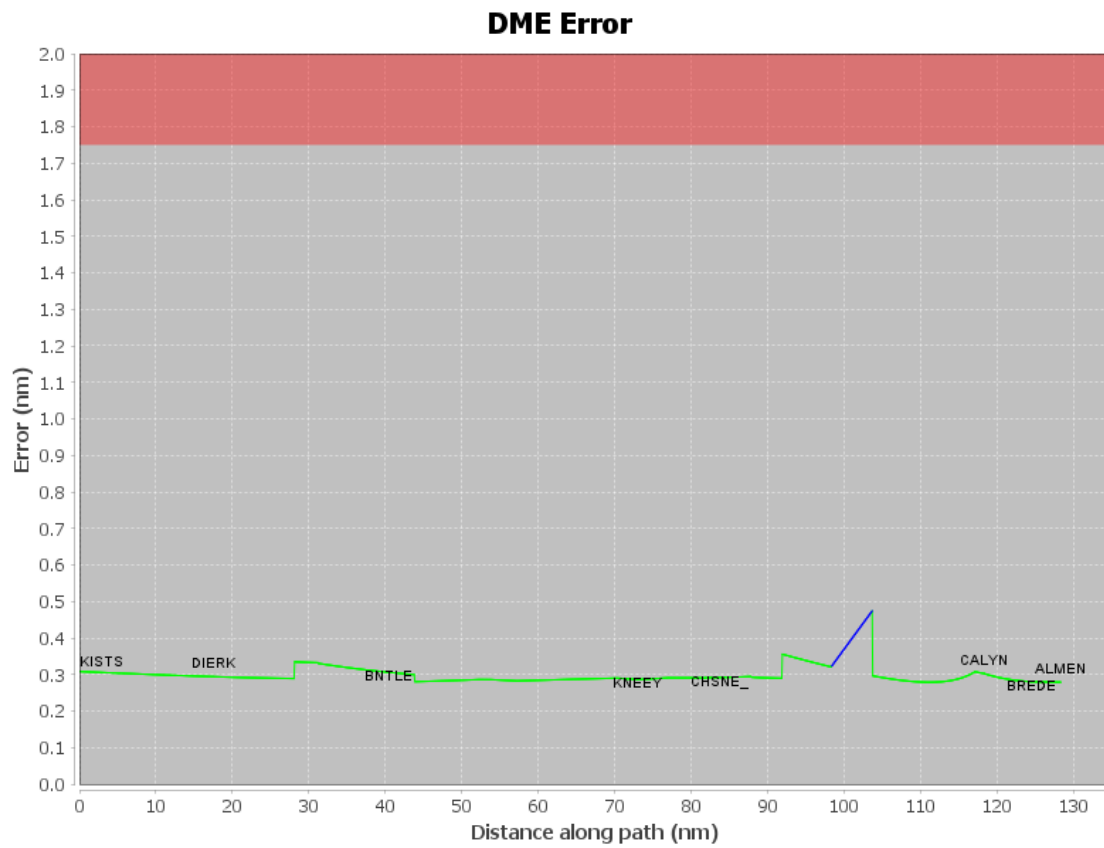
DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

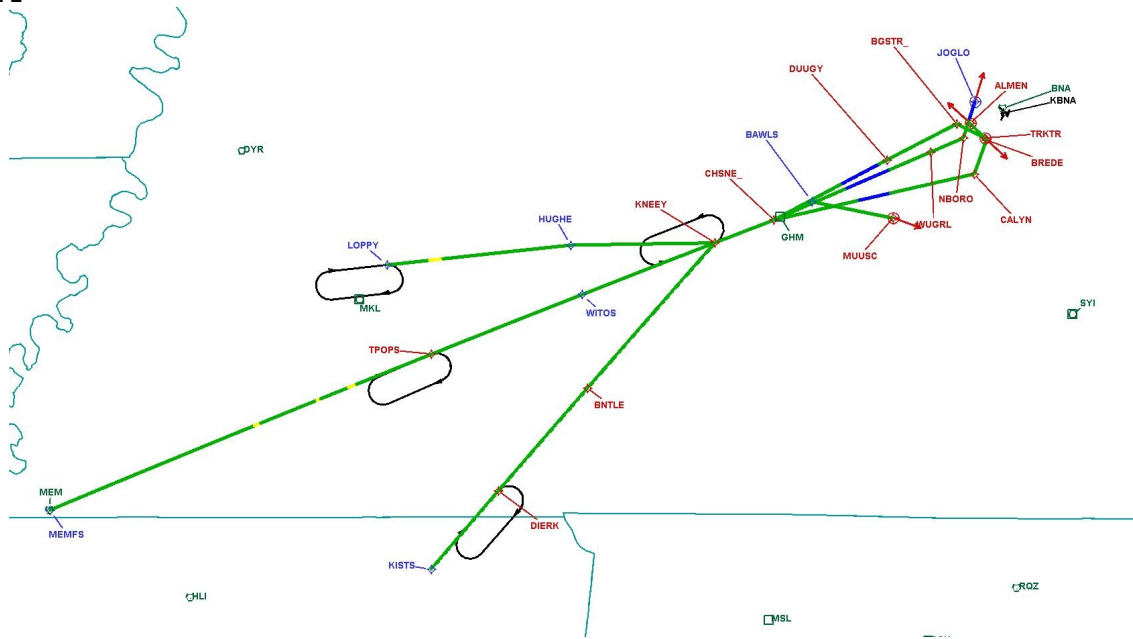
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

DME DME Assessment Results for CHSNE3 path KISTS_ALMEN



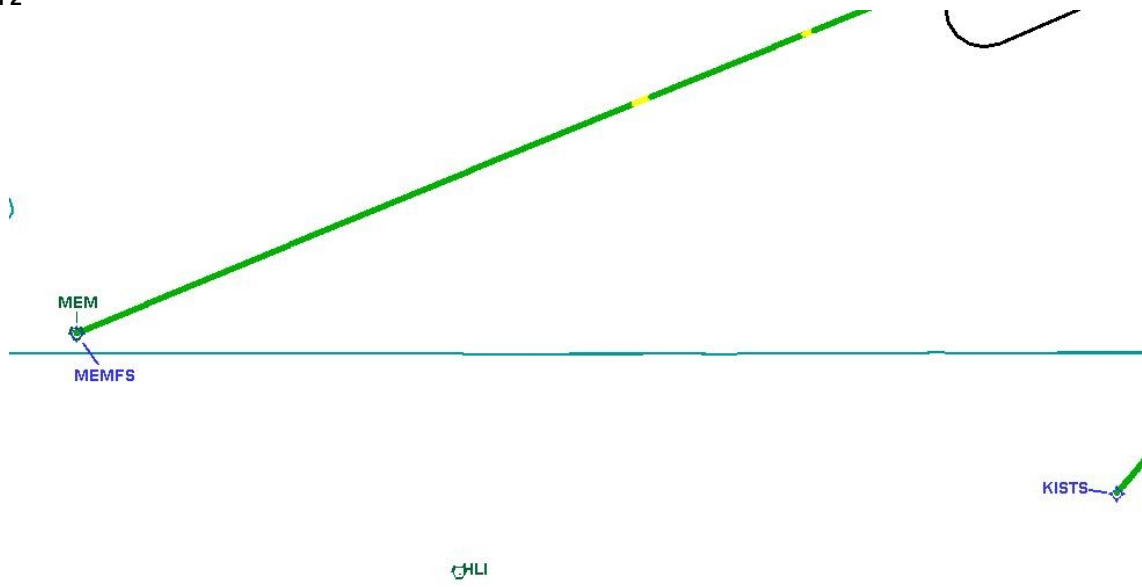
DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Graphic Depiction 1



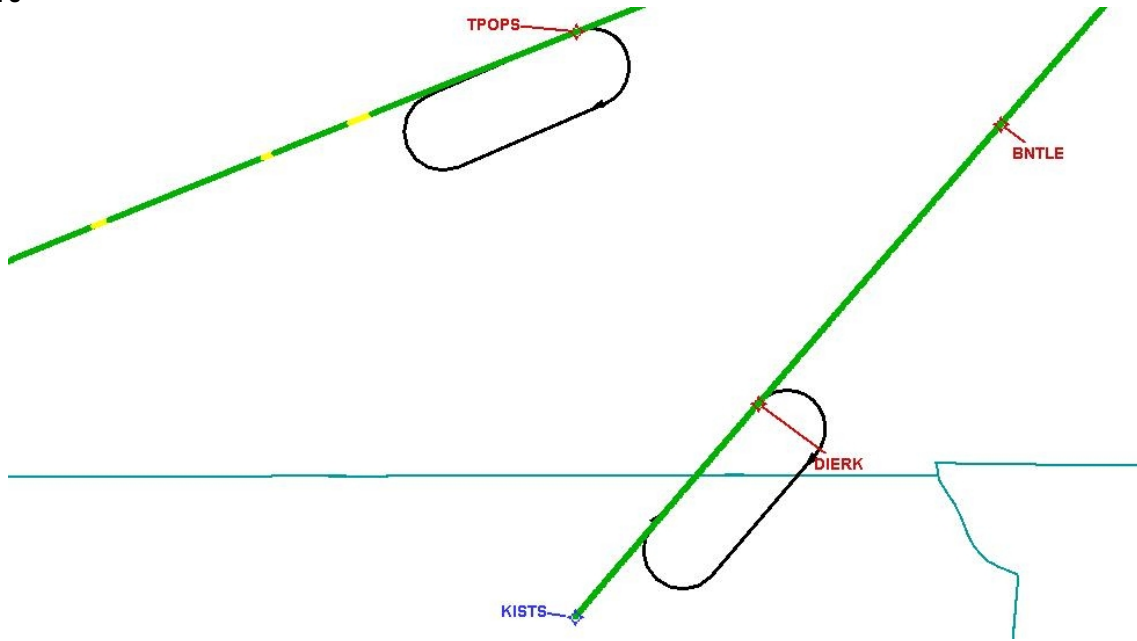
Graphic Depiction 2

DME DME Assessment Results for CHSNE3 path KISTS_ALMEN



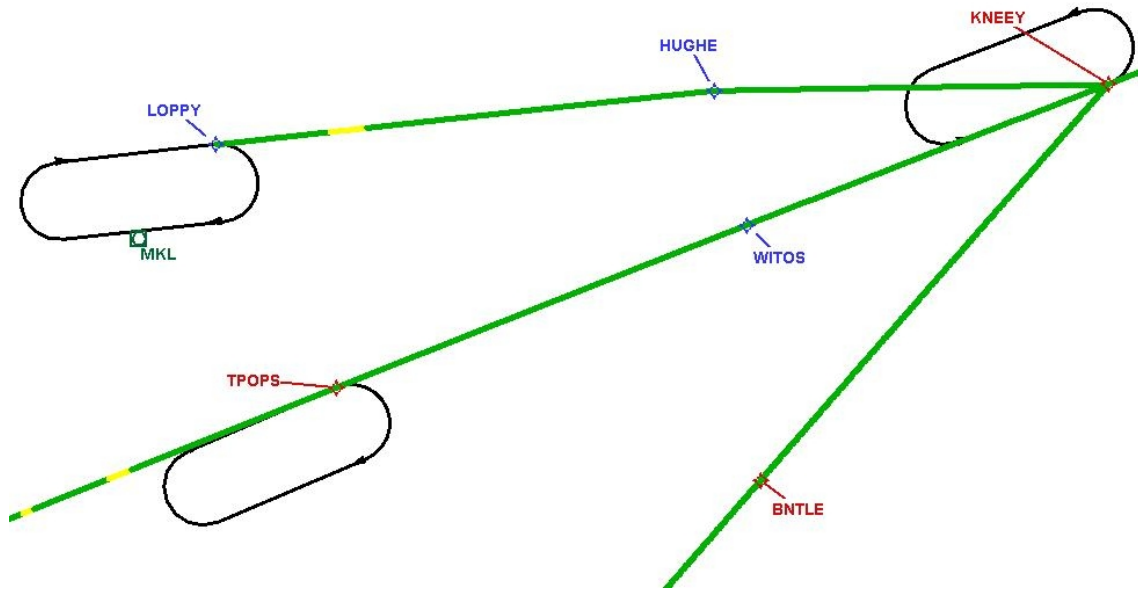
DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Graphic Depiction 3



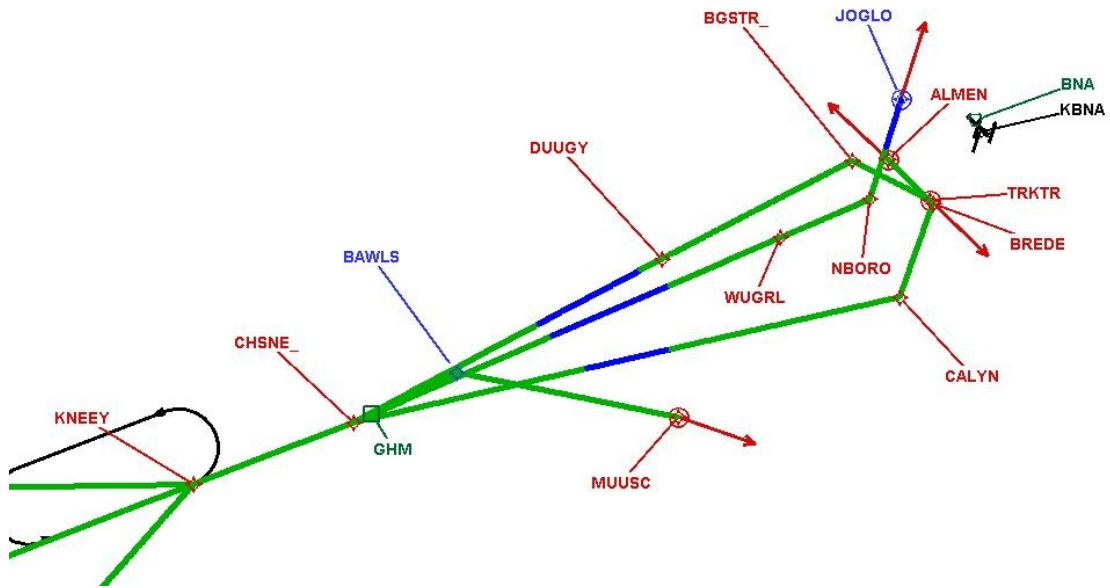
DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path KISTS_ALMEN

Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\LOPPY_KNEEY\KBNA CHSNE3 RNAV STAR LOPPY KNEEY 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
LOPPY	WP	N35° 42' 02.250000000", W088° 48' 50.590000000"	15000	VNAV	280	FLY_BY	TF
HUGHE	WP	N35° 45' 22.060000000", W088° 10' 45.490000000"	15000	VNAV	280	FLY_BY	TF
KNEEY	WP	N35° 45' 45.135600000", W087° 40' 43.765600000"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [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 CHSNE3 path LOPPY_KNEEY

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:	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:	DOB,LRF,NMM,XMEI

DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	84.2 %	84.2 %
2	MEM	N35° 00' 54.380800000", W089° 58' 59.525800000"	1.0 E	130	H		NO	Enabled	55.5 %	55.5 %
3	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	26.9 %	26.9 %
4	ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	H		NO	Enabled	32.2 %	32.2 %
5	MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	H		NO	Enabled	57.1 %	57.1 %
6	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	35 %	35 %
7	GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	L		NO	Enabled	8 %	8 %
8	DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	L		NO	Enabled	86.7 %	86.7 %
9	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	51.1 %	51.1 %
10	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
11	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
12	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
13	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MEM	DYR	GQE	ARG		
4.5	MEM	DYR	ARG			
7.2	MEM	DYR	BWG	ARG		
15.7	MSL	MEM	DYR	BWG	ARG	
18.0	MSL	MEM	BWG	DYR		
27.2	MSL	GHM	MEM	BWG	DYR	
31.0	MSL	GHM	BWG	DYR		
36.2	MSL	GHM	DYR	BWG	DCU	
37.2	DCU	GHM	BWG	DYR		
40.7	BNA	DCU	GHM	BWG	DYR	
48.3	MSL	GHM	BNA	DCU	BWG	
54.1	MSL	GHM	BNA	DCU		

DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
LOPPY	HUGHE	BWG, MEM, ARG, MSL, GQE, DYP, GHM	
HUGHE	KNEEY	BWG, BNA, MSL, DCU, DYP, GHM	

User Data Files

#	File Name
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None	
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DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

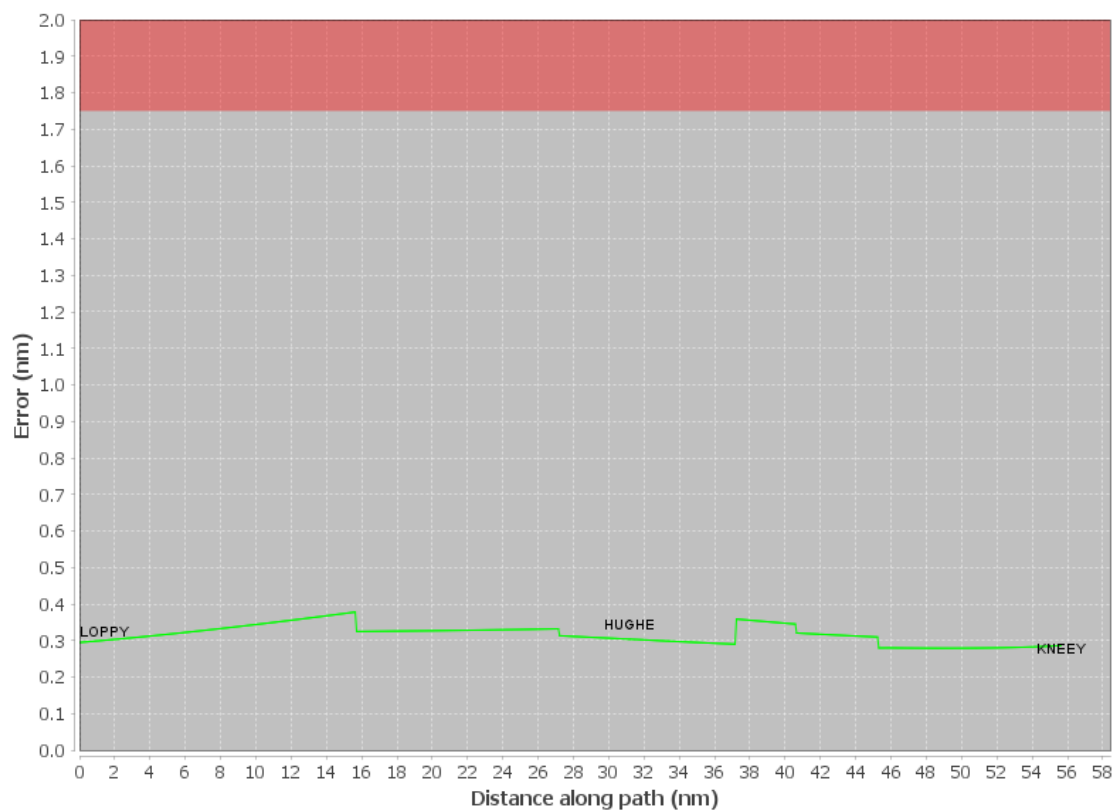
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

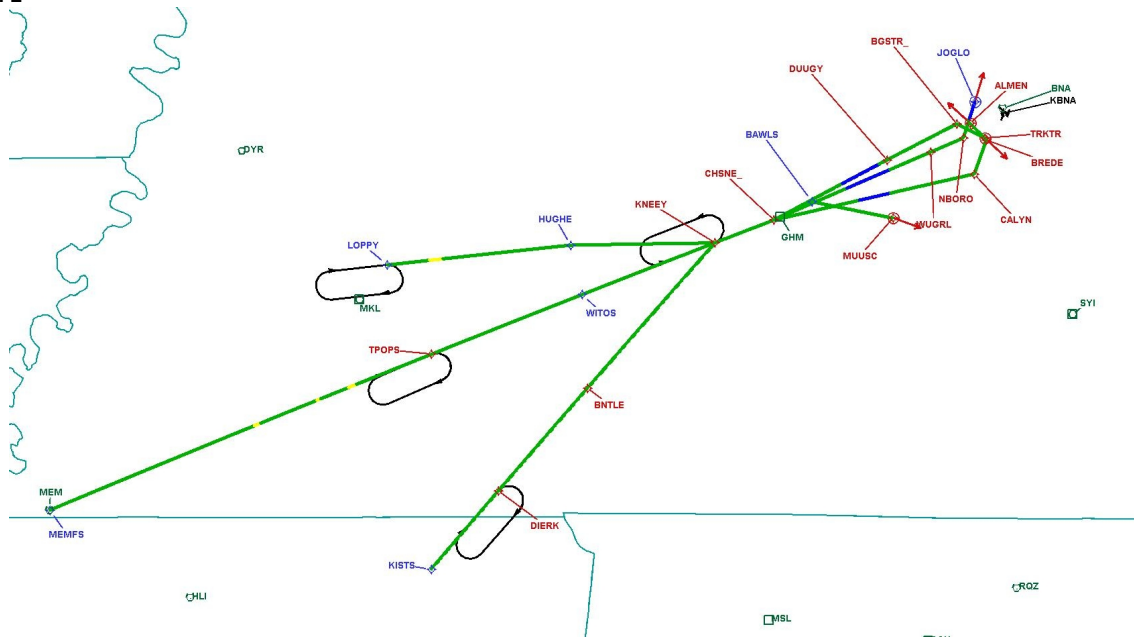
DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

DME Error



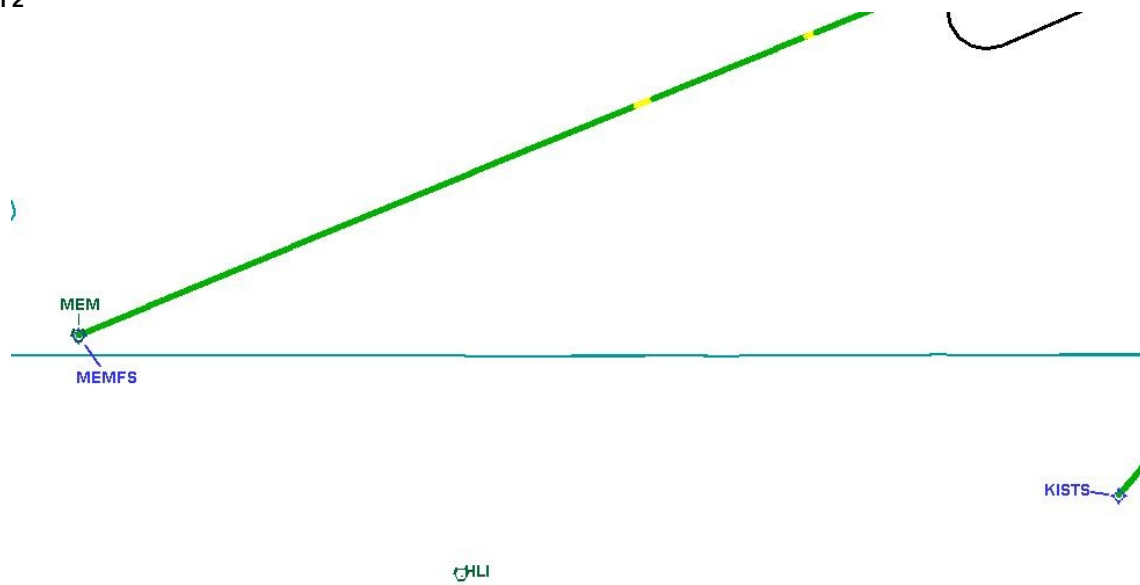
DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

Graphic Depiction 1



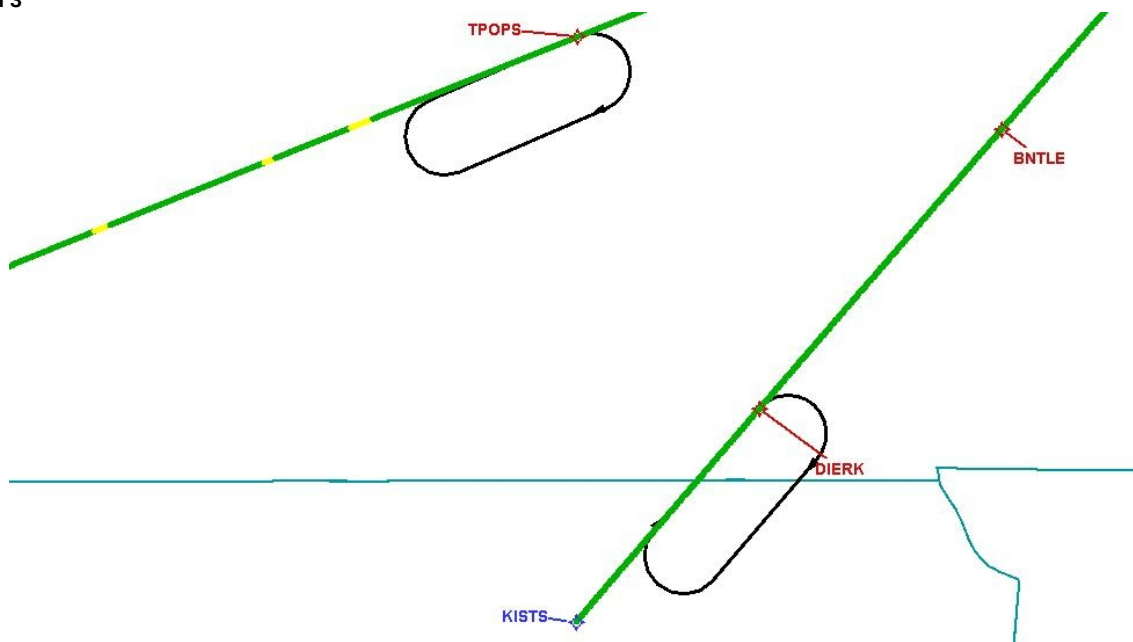
DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

Graphic Depiction 2



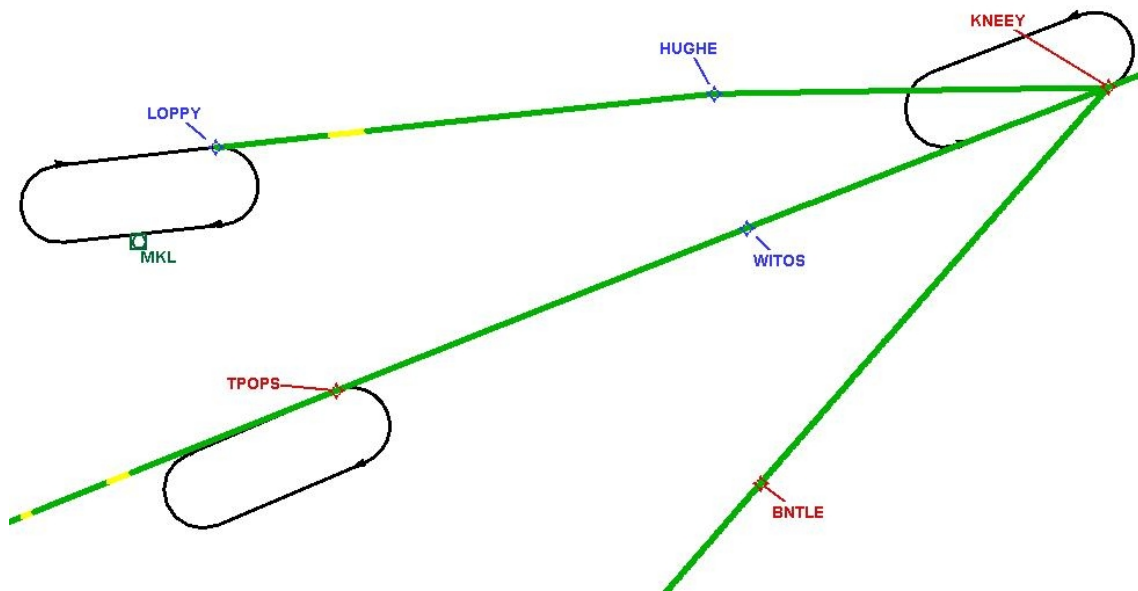
DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

Graphic Depiction 3



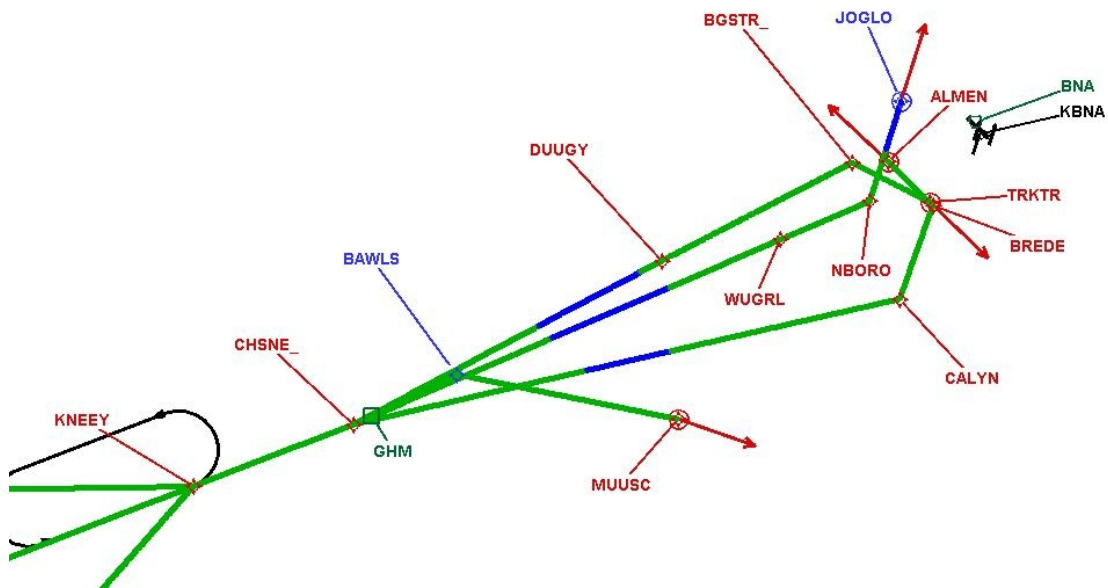
DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path LOPPY_KNEEY

Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\MEMFS_KNEEY\KBNA CHSNE3 RNAV STAR MEMFS KNEEY 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
MEMFS	WP	N35° 00' 54.620000000", W089° 58' 58.870000000"	15000	VNAV	280	FLY_BY	TF
TPOPS	WP	N35° 27' 03.563448434", W088° 39' 38.008553692"	15000	VNAV	280	FLY_BY	TF
WITOS	WP	N35° 37' 04.250000000", W088° 08' 17.900000000"	15000	VNAV	280	FLY_BY	TF
KNEEY	WP	N35° 45' 45.135600000", W087° 40' 43.765600000"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBNA [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 CHSNE3 path MEMFS_KNEEY

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:	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:	DOB,LRF,NMM,XMEI

DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GLH	N33° 31' 24.711000000", W090° 58' 58.575000000"	4.0 E	130	DH		NO	Enabled	25.4 %	25.4 %
2	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	29.4 %	29.4 %
3	HLI	N34° 46' 12.883500000", W089° 29' 47.468100000"	3.0 E	40	L		NO	Enabled	38.8 %	38.8 %
4	SQS	N33° 27' 49.857700000", W090° 16' 38.462000000"	3.0 E	130	H		NO	Enabled	3.6 %	3.6 %
5	MEM	N35° 00' 54.380800000", W089° 58' 59.525800000"	1.0 E	130	H		NO	Enabled	77 %	77 %
6	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	35.9 %	35.9 %
7	ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	H		NO	Enabled	48.6 %	48.6 %
8	MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	H		NO	Enabled	52.4 %	52.4 %
9	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	26.6 %	26.6 %
10	GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	L		NO	Enabled	32.4 %	32.4 %
11	DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	L		NO	Enabled	59.5 %	59.5 %
12	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	43.7 %	43.7 %
13	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
14	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
15	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
16	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GLH	HLI	GQE	SQS	ARG	
4.5	MEM	ARG	GLH	GQE	HLI	
9.6	MEM	HLI	ARG	GLH		
30.9	MEM	HLI	ARG			
38.7	GQE	DYR	HLI	MEM		
46.6	DYR	MEM	GQE			
49.1	DYR	MEM	GQE	HLI		
49.8	DYR	MEM	GQE			
54.8	DYR	MEM	GQE	MSL	ARG	
56.3	DYR	MEM	GQE	ARG		
59.3	DYR	MEM	GQE	MSL	ARG	
68.6	DYR	MEM	GHM	MSL	ARG	
75.3	DYR	GHM	MSL	MEM		
78.0	GHM	MSL	DYR	MEM	BNA	
97.8	MSL	GHM	BNA	DCU	BWG	DYR
111.2	MSL	GHM	BNA	DCU	BWG	
117.3	MSL	GHM	BNA	DCU		

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MEMFS	TPOPS	GLH, HLI, SQS, MEM, ARG, MSL, GQE, DYR, GHM	
TPOPS	WITOS	BWG, MEM, BNA, ARG, MSL, DCU, DYR, GHM	
WITOS	KNEEY	BWG, MEM, BNA, MSL, DCU, DYR, GHM	

User Data Files

#	File Name
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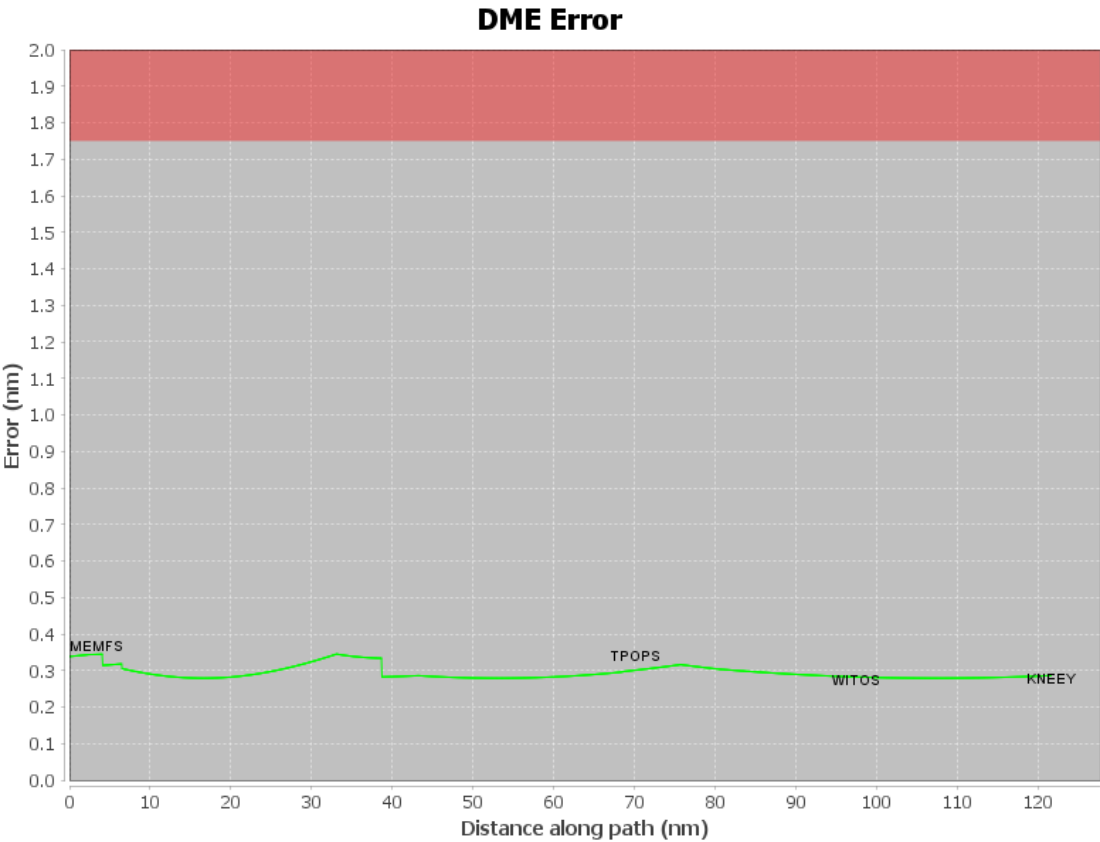
None	
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DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

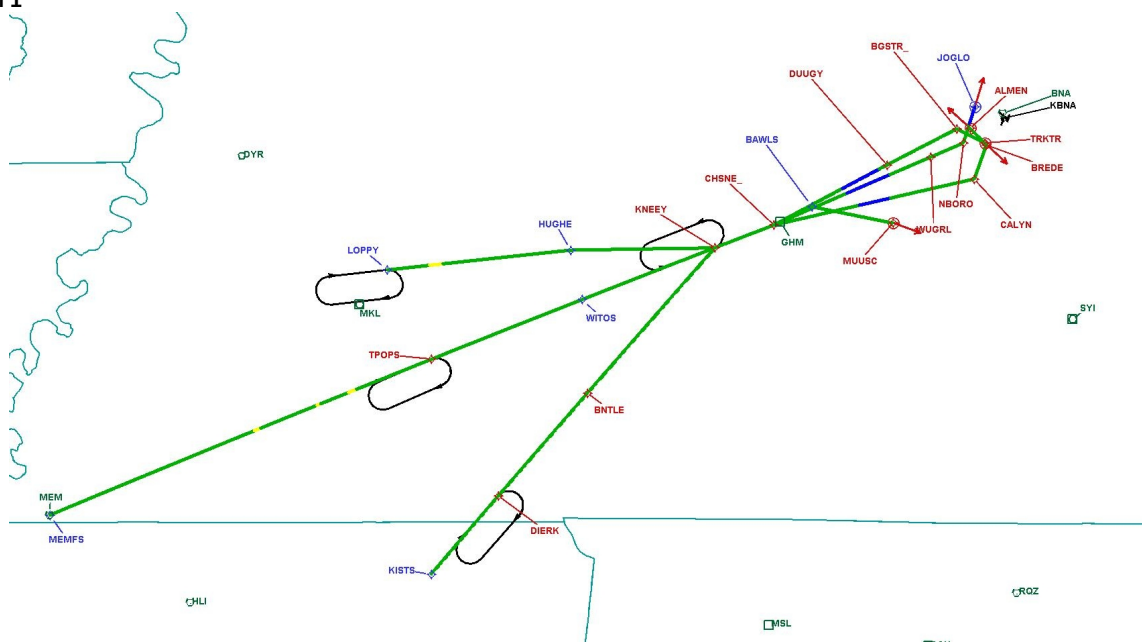
DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		



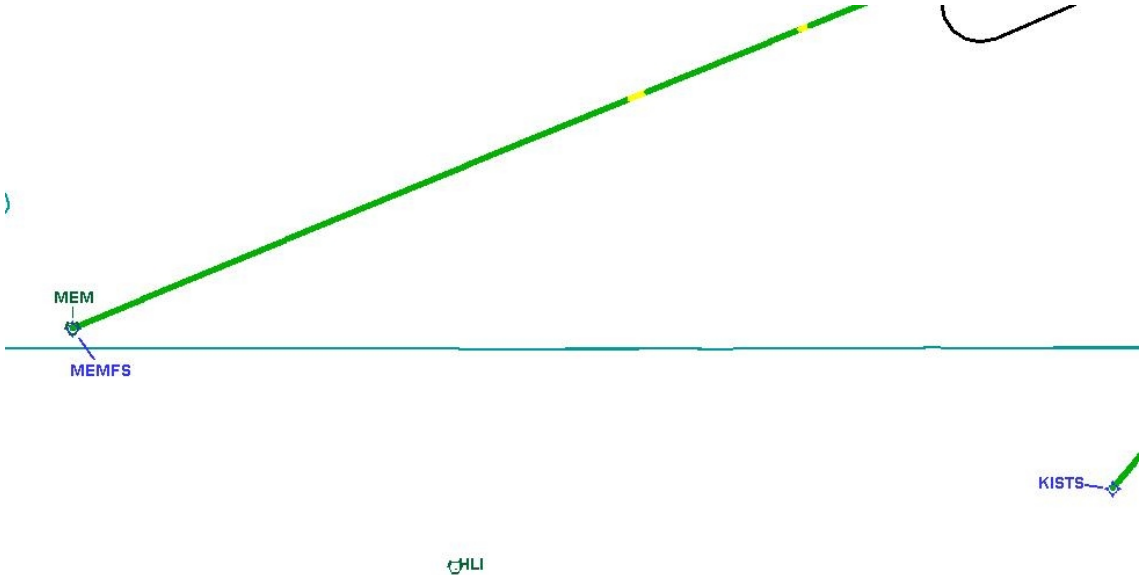
DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

Graphic Depiction 1



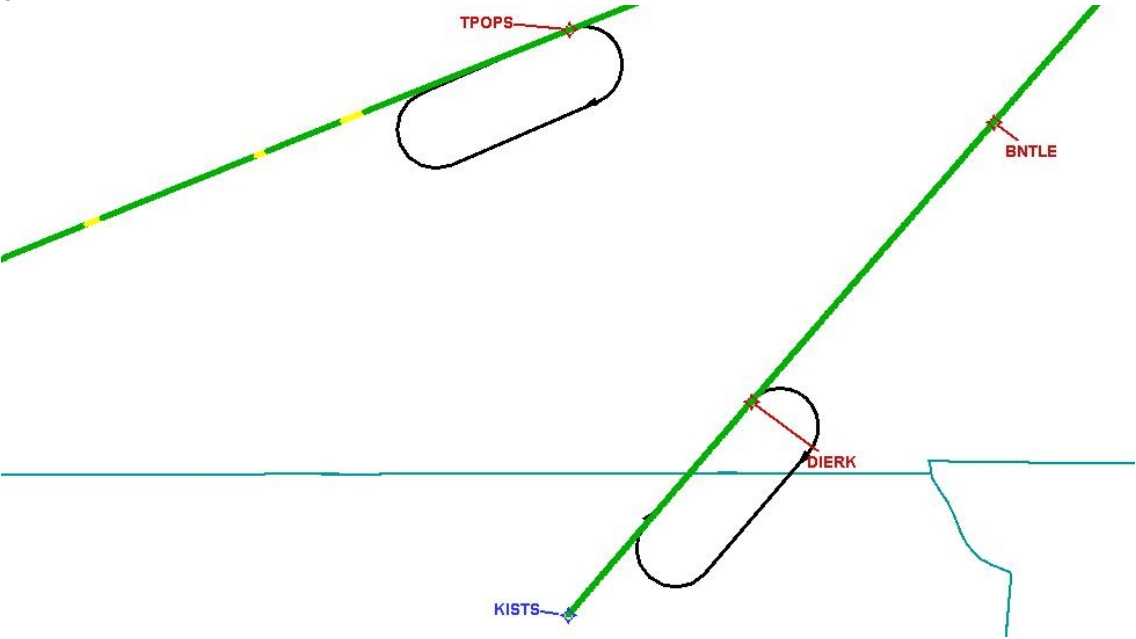
DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

Graphic Depiction 2

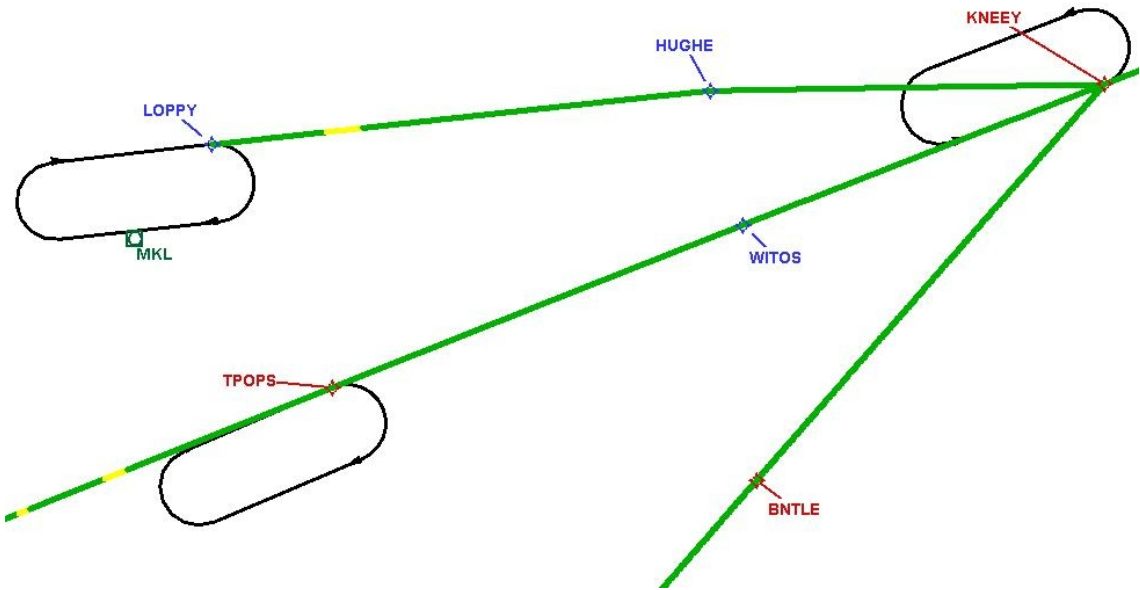


DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

Graphic Depiction 3

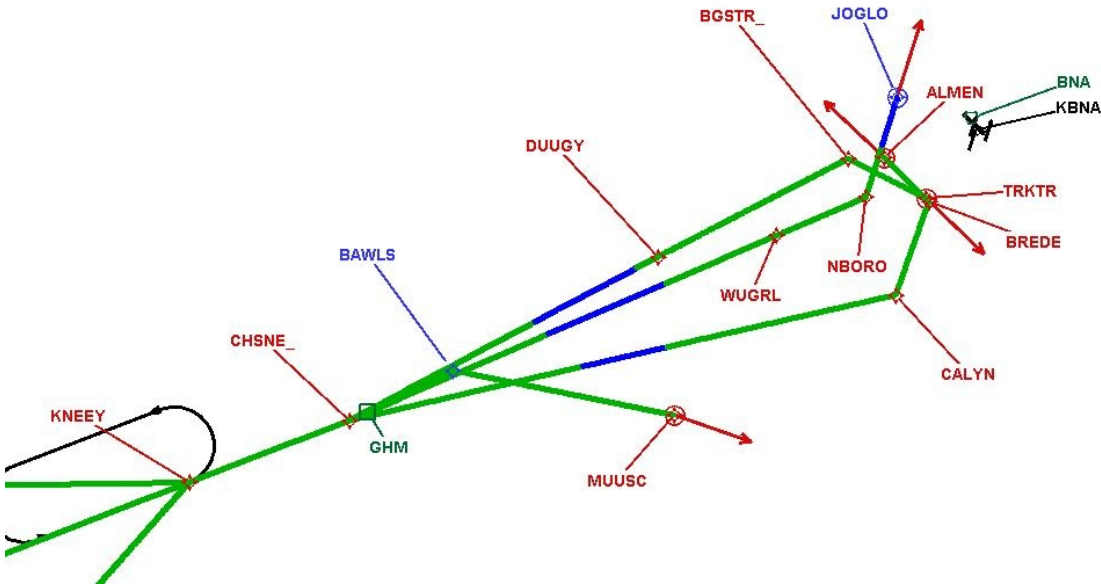


Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path MEMFS_KNEEY

Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path CHSNE__KISTS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\CHSNE__KISTS\KBNA CHSNE3 RNAV STAR CHSNE__KISTS 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
CHSNE__	WP	N35° 49' 32.903495507", W087° 28' 30.505950812"	11000	VNAV	280	FLY_BY	TF
KNEEY	WP	N35° 45' 45.135600000", W087° 40' 43.765600000"	11000	VNAV	280	FLY_BY	TF
BNTLE	WP	N35° 21' 21.940905241", W088° 07' 14.441838807"	11000	VNAV	280	FLY_BY	TF
DIERK	WP	N35° 04' 11.244580107", W088° 25' 41.610803237"	11000	VNAV	280	FLY_BY	TF
KISTS	WP	N34° 51' 02.050000000", W088° 39' 42.100000000"	11000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KBNA [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 CHSNE3 path CHSNE__KISTS

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:	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:	DOB,LRF,NMM,XMEI

DME DME Assessment Results for CHSNE3 path CHSNE_KISTS

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	L		NO	Enabled	8.5 %	8.4 %
2	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	66.3 %	66.3 %
3	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	100 %	100 %
4	MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	H		NO	Enabled	56.9 %	56.9 %
5	HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	L		NO	Enabled	48.3 %	48.3 %
6	DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	L		NO	Enabled	26.3 %	26.4 %
7	OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	L		NO	Enabled	31.9 %	31.9 %
8	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	44.5 %	44.5 %
9	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
10	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
11	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
12	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	BNA	DCU	SYI			
1.8	DCU	GHM	BNA	SYI		
4.7	BNA	DCU	GHM	MSL	SYI	
7.1	MSL	GHM	BNA	DCU		
39.0	MSL	BNA	DCU			
40.0	MSL	BNA	DCU	DYR		
43.2	MSL	BNA	DCU	DYR	HAB	
52.4	DYR	BNA	HAB	DCU		
55.5	DCU	HAB	DYR			
56.0	DCU	HAB				
56.9	OTB	DCU	DYR	HAB		
63.0	OTB	DCU	HAB			

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

DME DME Assessment Results for CHSNE3 path CHSNE_KISTS

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
CHSNE	KNEEY	SYI, BNA, DCU, MSL, GHM	
KNEEY	BNTLE	BNA, MSL, DCU, HAB, DYR, GHM	
BNTLE	DIERK	BNA, MSL, DCU, HAB, DYR, OTB	
DIERK	KISTS	DCU, HAB, OTB	

User Data Files	
#	File Name
None	

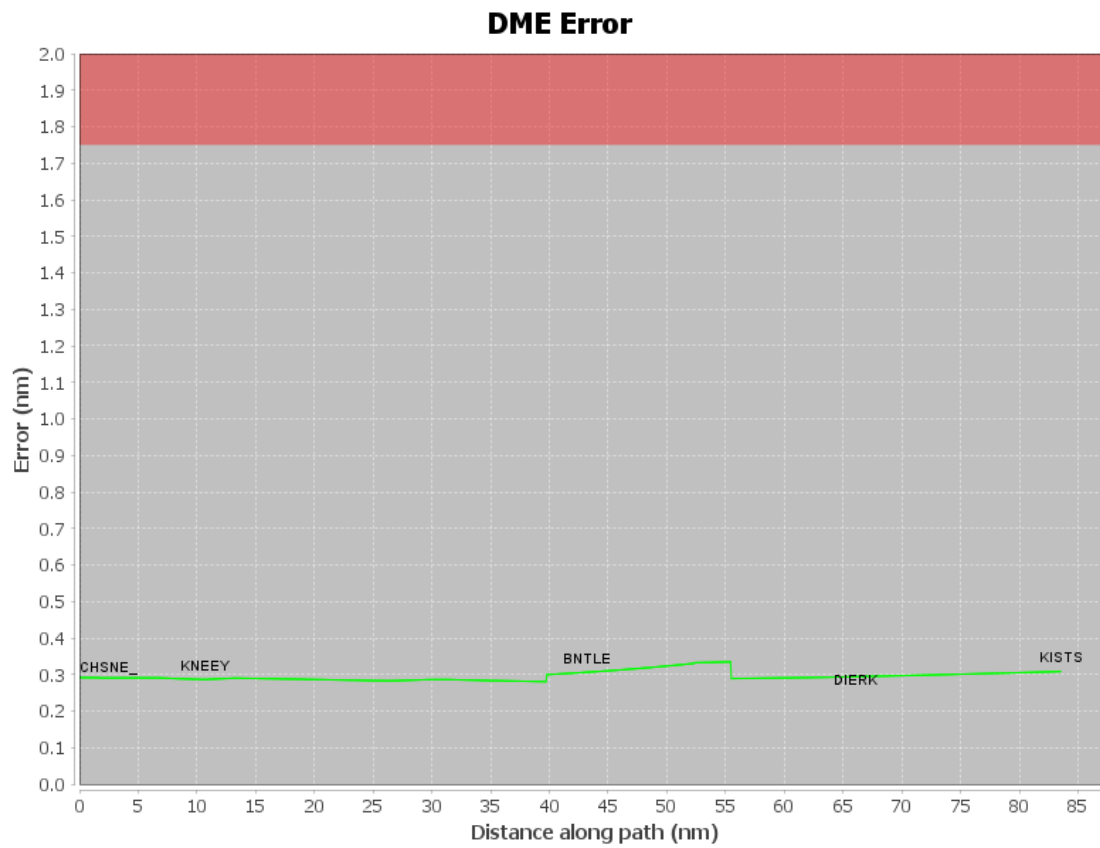
DME DME Assessment Results for CHSNE3 path CHSNE_KISTS

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

DME DME Assessment Results for CHSNE3 path CHSNE_KISTS

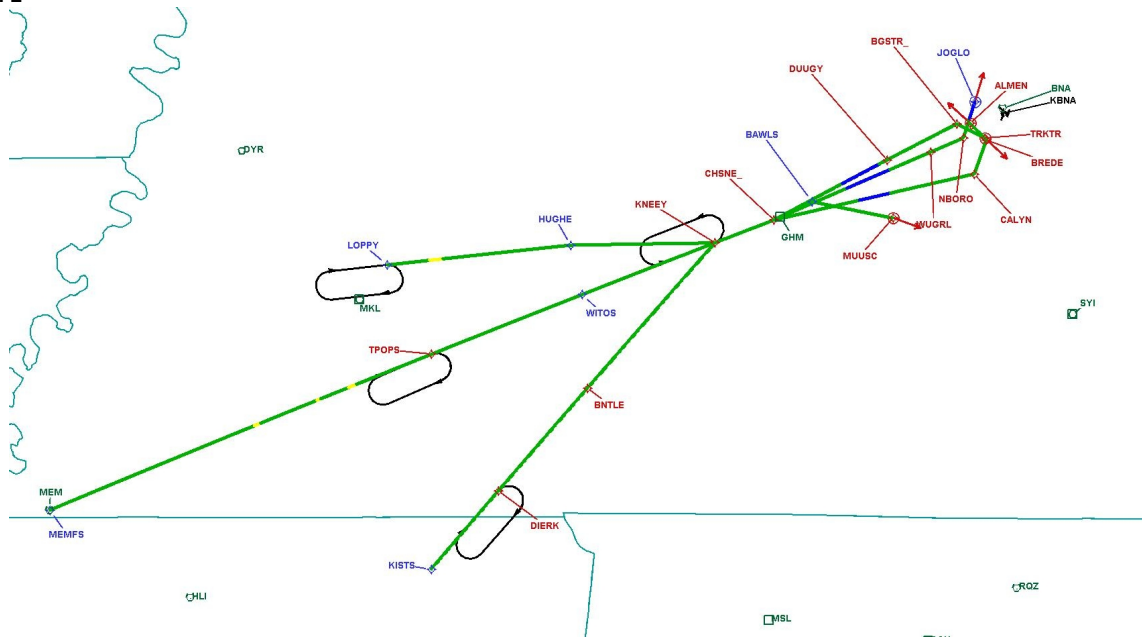
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

DME DME Assessment Results for CHSNE3 path CHSNE__KISTS



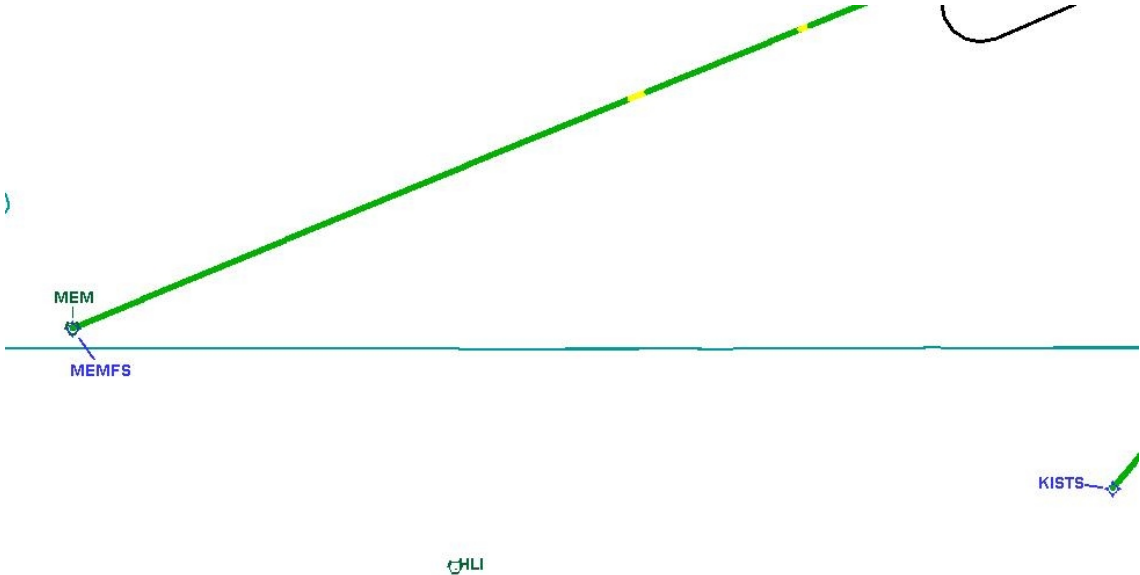
DME DME Assessment Results for CHSNE3 path CHSNE_KISTS

Graphic Depiction 1



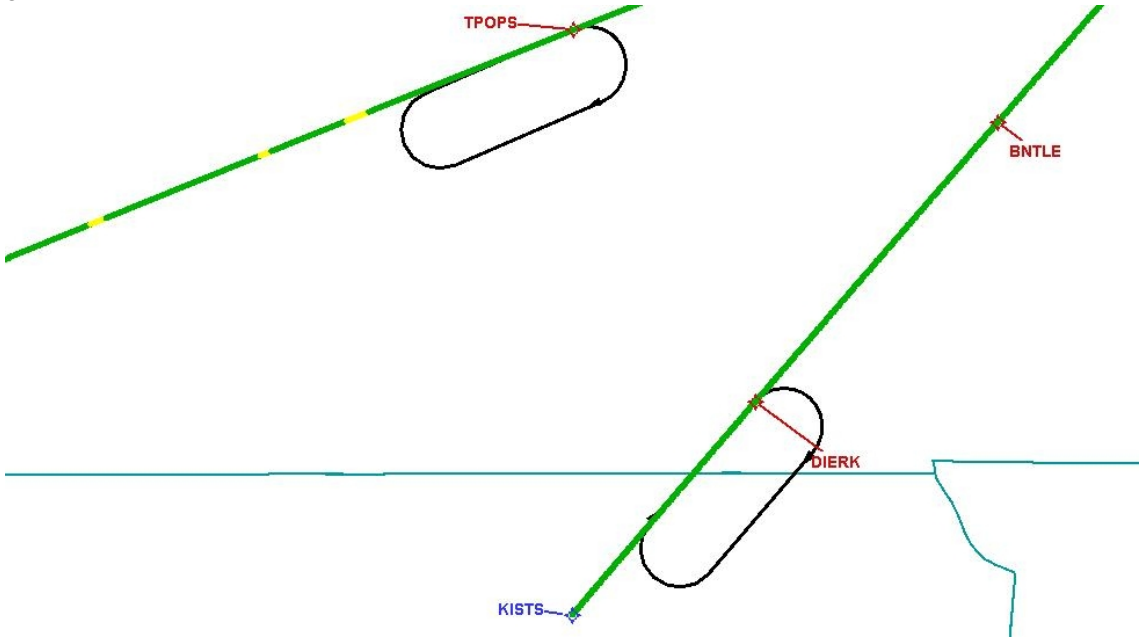
DME DME Assessment Results for CHSNE3 path CHSNE__KISTS

Graphic Depiction 2

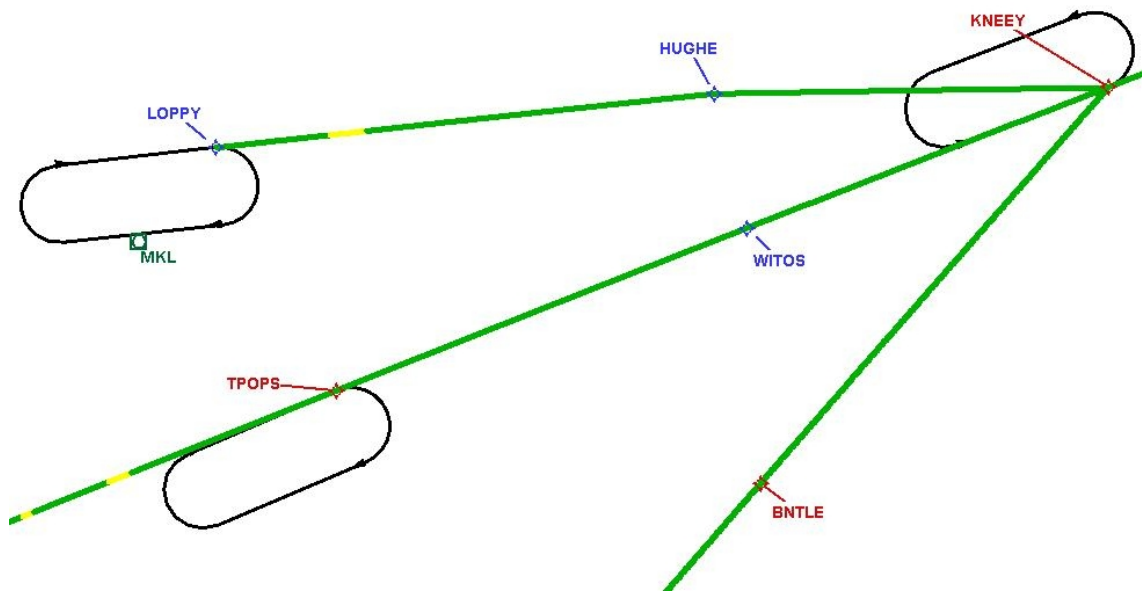


DME DME Assessment Results for CHSNE3 path CHSNE__KISTS

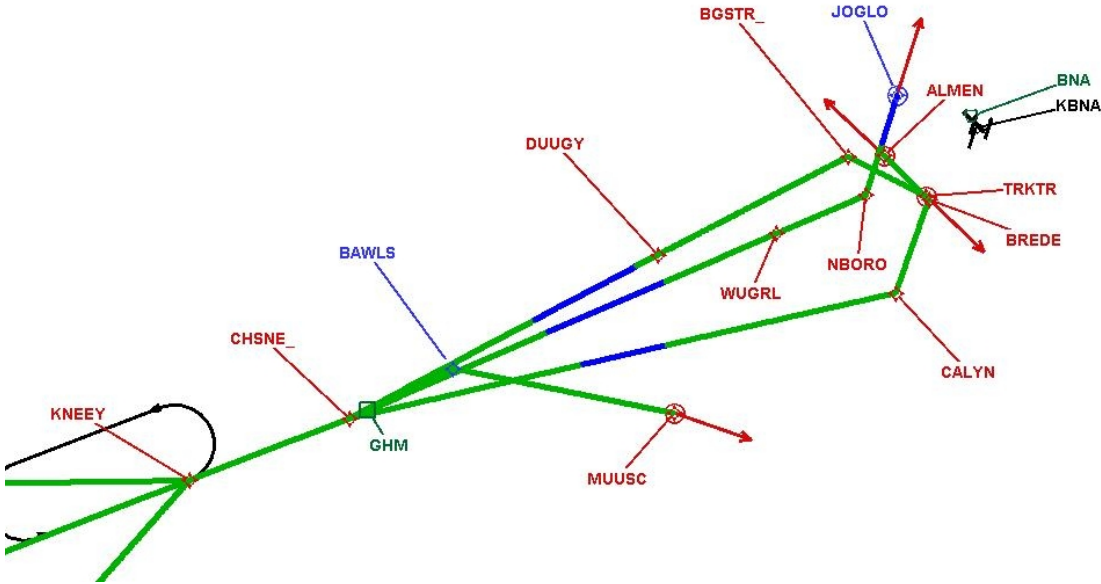
Graphic Depiction 3



Graphic Depiction 4



Graphic Depiction 5



DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Erik J-CTR John
Project File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\KBNA CHESNE3 (RNAV) STAR DME 29 JAN 2025.tgs
Output File:	C:\Users\Erik J-CTR John\OneDrive - Federal Aviation Administration\Desktop\PROJECT FILES\KBNA\KBNA CHSNE3 (RNAV) STAR\DME\KBNA [IFPA] CHSNE3 20250129_1015 EST\WITOS MEMFS\KBNA CHSNE3 RNAV STAR WITOS MEMFS 20250129_1015 EST.pdf
Procedure Name:	CHSNE3
Software: DmeDmePlugin:	7.4.1
Date/Time:	01/29/2025 10:15 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
WITOS	WP	N35° 37' 04.250000000", W088° 08' 17.900000000"	15000	VNAV	280	FLY_BY	TF
TPOPS	WP	N35° 27' 03.563448434", W088° 39' 38.008553692"	15000	VNAV	280	FLY_BY	TF
MEMFS	WP	N35° 00' 54.620000000", W089° 58' 58.870000000"	15000	VNAV	280	FLY_BY	TF

Flyability

Flight Type:	RNAV STAR
Selected Airport:	KBNA [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 CHSNE3 path WITOS_MEMFS

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:	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:	DOB,LRF,NMM,XMEI

DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GLH	N33° 31' 24.711000000", W090° 58' 58.575000000"	4.0 E	130	DH		NO	Enabled	31.7 %	31.7 %
2	BWG	N36° 55' 43.468300000", W086° 26' 36.361900000"	0.0 E	130	DH		NO	Enabled	16.5 %	16.5 %
3	MEM	N35° 00' 54.380800000", W089° 58' 59.525800000"	1.0 E	130	H		NO	Enabled	95.8 %	95.8 %
4	BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	H		NO	Enabled	20 %	20 %
5	HLI	N34° 46' 12.883500000", W089° 29' 47.468100000"	3.0 E	40	L		NO	Enabled	48.3 %	48.3 %
6	SQS	N33° 27' 49.857700000", W090° 16' 38.462000000"	3.0 E	130	H		NO	Enabled	4.5 %	4.5 %
7	ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	H		NO	Enabled	60.6 %	60.6 %
8	MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	H		NO	Enabled	40.6 %	40.6 %
9	DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	L		NO	Enabled	8.5 %	8.5 %
10	GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	L		NO	Enabled	40.3 %	40.3 %
11	DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	L		NO	Enabled	60.3 %	60.3 %
12	GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	L		NO	Enabled	29.8 %	29.8 %
13	DOB	N33° 54' 52.750000000", W084° 30' 26.320000000"	3.0 W	25	T	IFPA	NO	Disabled		
14	LRF	N34° 55' 05.030400000", W092° 09' 27.604700000"	1.0 W	130	H	IFPA	NO	Disabled		
15	NMM	N32° 34' 42.020000000", W088° 32' 42.830000000"	2.0 W	40	L	IFPA	NO	Disabled		
16	XMEI	N32° 22' 42.411000000", W088° 48' 15.371000000"	0.0 E	0	UNKN OWN	IFPA	NO	Disabled		

DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	MSL	GHM	BNA	DCU	MEM	BWG
8.4	MSL	GHM	BNA	MEM	DYR	BWG
16.1	GHM	MSL	MEM	DYR	BNA	
19.6	GHM	MSL	DYR	MEM		
22.3	DYR	GHM	MSL	MEM	ARG	
29.1	DYR	MEM	MSL	GQE	ARG	
38.3	DYR	MEM	GQE	ARG		
41.3	DYR	MEM	GQE	MSL	ARG	
42.8	DYR	MEM	GQE			
47.8	DYR	MEM	GQE	HLI		
48.5	DYR	MEM	GQE			
51.0	DYR	MEM	GQE	HLI		
58.9	ARG	HLI	MEM			
66.6	MEM	HLI	ARG	GLH		
87.9	MEM	HLI	ARG	GLH	GQE	
93.5	GLH	GQE	HLI	SQS	ARG	

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
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Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
WITOS	TPOPS	BWG, MEM, BNA, ARG, MSL, DCU, DYR, GHM	
TPOPS	MEMFS	GLH, MEM, HLI, SQS, ARG, MSL, GQE, DYR, GHM	

User Data Files

#	File Name
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None	
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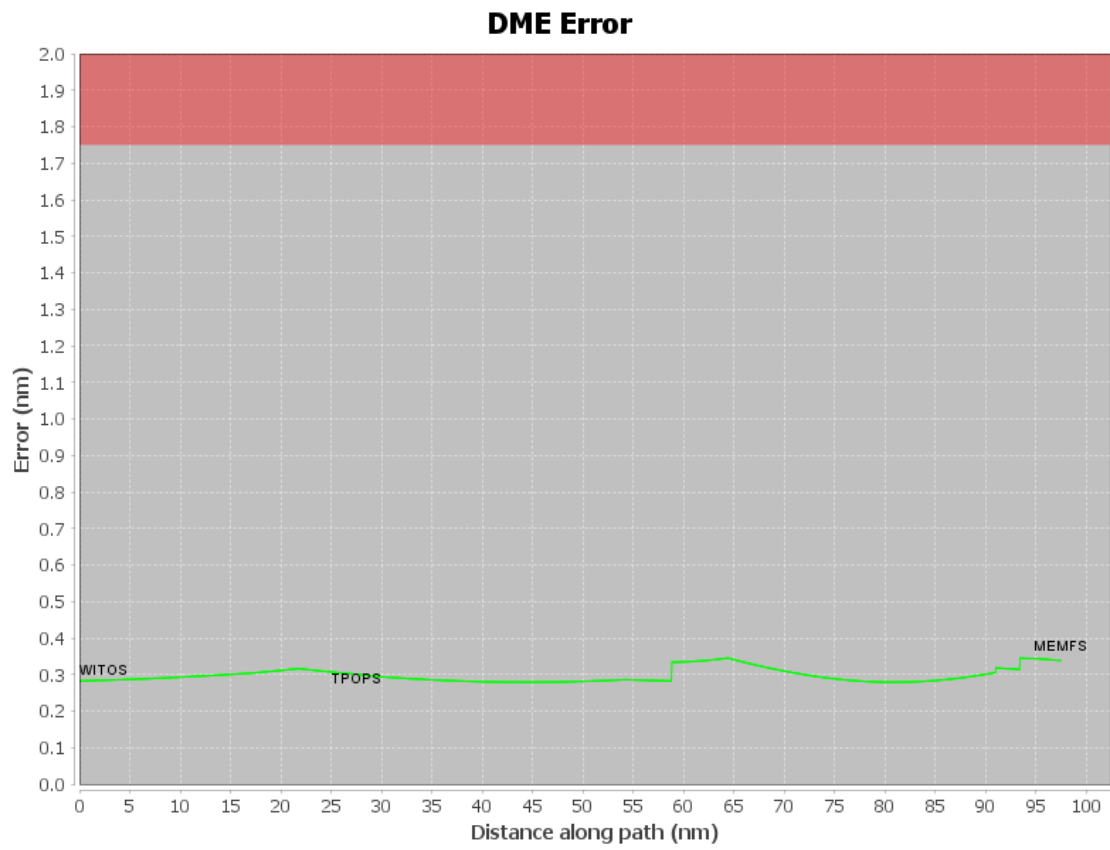
DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	MSL FAA 211766-4 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-4	
ESV:		Bearing [True]: 311.0° to 358.0° Bearing [Mag]: 311.0° to 358.0°				Arc Distance: Out to 70.0 NM Altitude: 10500.0 to 15100.0 ft		
2	GQE FAA 780927-37 GQE	N35° 20' 49.307000000", W090° 28' 41.372000000"	4.0 E	40	211	113.0	GQE FAA 780927-37	
ESV:		Bearing [True]: 59.0° to 98.0° Bearing [Mag]: 55.0° to 94.0°				Arc Distance: Out to 89.0 NM Altitude: 7300.0 to 20000.0 ft		
3	OTB FAA 892132-16 OTB	N34° 13' 25.793500000", W088° 47' 50.490800000"	4.0 E	40	364.1	109.8	OTB FAA 892132-16	
ESV:		Bearing [True]: 345.0° to 37.0° Bearing [Mag]: 341.0° to 33.0°				Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 12000.0 ft		
4	SYI FAA 190654-1 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-1	
ESV:		Bearing [True]: 277.0° to 302.0° Bearing [Mag]: 278.0° to 303.0°				Arc Distance: Out to 61.0 NM Altitude: 5000.0 to 12000.0 ft		
5	DYR FAA 704252-29 DYR	N36° 01' 06.778800000", W089° 19' 03.689900000"	3.0 E	40	388.7	null	DYR FAA 704252-29	
ESV:		Bearing [True]: 91.0° to 205.0° Bearing [Mag]: 88.0° to 202.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 ft		
6	BNA FAA 698156-41 BNA	N36° 08' 13.057300000", W086° 41' 05.176200000"	2.0 W	130	566.4	114.1	BNA FAA 698156-41	
ESV:		Bearing [True]: 228.0° to 254.0° Bearing [Mag]: 230.0° to 256.0°				Arc Distance: Out to 97.0 NM Altitude: 5000.0 to 15100.0 ft		
7	ARG FAA 698164-29 ARG	N36° 06' 36.071700000", W090° 57' 13.295900000"	4.0 E	130	265.4	114.5	ARG FAA 698164-29	
ESV:		Bearing [True]: 85.0° to 115.0° Bearing [Mag]: 81.0° to 111.0°				Arc Distance: Out to 125.0 NM Altitude: 11300.0 to 18300.0 ft		
8	GHM FAA 755483-20 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-20	
ESV:		Bearing [True]: 236.0° to 258.0° Bearing [Mag]: 236.0° to 258.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
9	DCU FAA 032268-13 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-13	
ESV:		Bearing [True]: 331.0° to 346.0° Bearing [Mag]: 331.0° to 346.0°				Arc Distance: Out to 80.0 NM Altitude: 7000.0 to 20000.0 ft		
10	GHM FAA 755483-13 GHM	N35° 50' 02.191100000", W087° 27' 06.482400000"	0.0 E	40	774.1	111.6	GHM FAA 755483-13	
ESV:		Bearing [True]: 52.0° to 109.0° Bearing [Mag]: 52.0° to 109.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 20000.0 ft		
11	MSL FAA 211766-3 MSL	N34° 42' 24.726500000", W087° 29' 29.461800000"	0.0 E	130	583.4	116.25	MSL FAA 211766-3	
ESV:		Bearing [True]: 297.0° to 351.0° Bearing [Mag]: 297.0° to 351.0°				Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 15100.0 ft		
12	SYI FAA 190654-4 SYI	N35° 33' 43.109000000", W086° 26' 20.938300000"	1.0 W	40	813	113.55	SYI FAA 190654-4	
ESV:		Bearing [True]: 305.0° to 330.0° Bearing [Mag]: 306.0° to 331.0°				Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 19000.0 ft		

DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

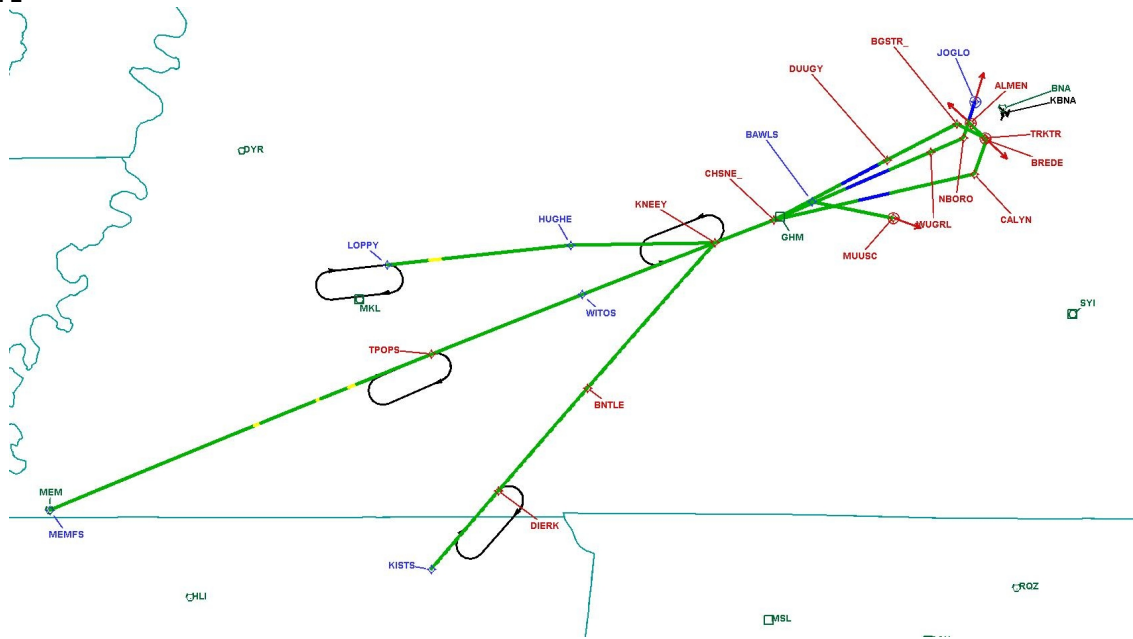
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
13	DCU FAA 032268-14 DCU	N34° 38' 53.932400000", W086° 56' 22.245900000"	0.0 E	40	590.4	112.8	DCU FAA 032268-14	
ESV:		Bearing [True]: 275.0° to 333.0° Bearing [Mag]: 275.0° to 333.0°				Arc Distance: Out to 90.0 NM Altitude: 11000.0 to 20000.0 ft		
14	HAB FAA 701833-11 HAB	N34° 11' 55.570700000", W088° 00' 41.826100000"	0.0 E	40	802.1	110.4	HAB FAA 701833-11	
ESV:		Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 315.0° to 358.0°				Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 ft		

DME DME Assessment Results for CHSNE3 path WITOS_MEMFS



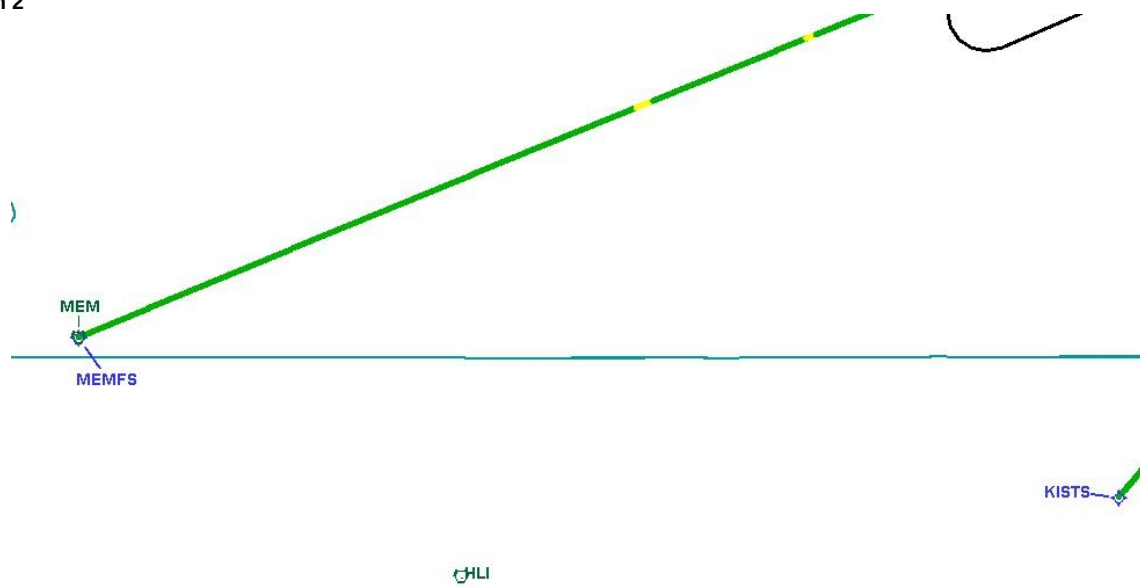
DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

Graphic Depiction 1



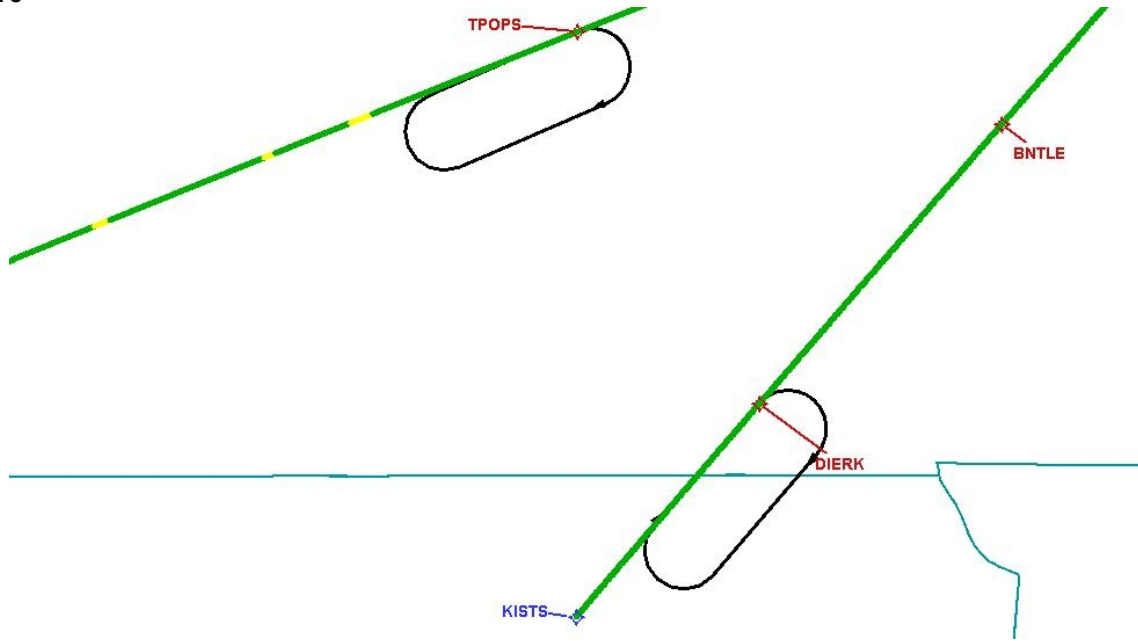
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Graphic Depiction 2



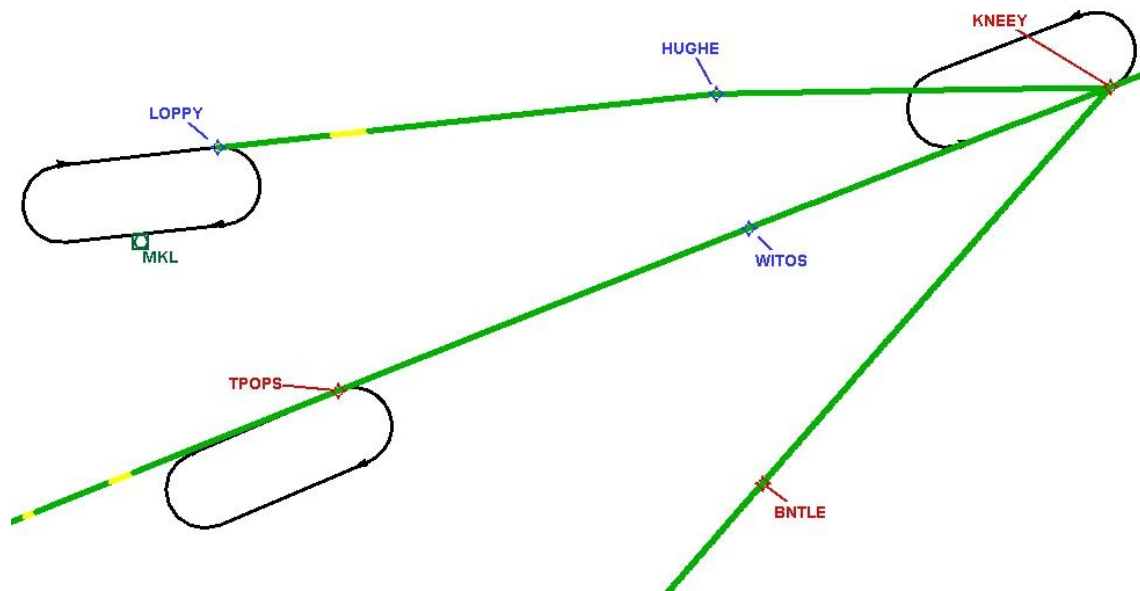
DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

Graphic Depiction 3



DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

Graphic Depiction 4



DME DME Assessment Results for CHSNE3 path WITOS_MEMFS

Graphic Depiction 5

