

DME DME Assessment Results for KOHLS1 path NUTZE_KOHLs

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGET~2\DME-DM~1\1-22-2~1\KORFKO~1\KORFKO~1\KORF_I~1\WITHOU~1\KORFKO~1.TGS
Output File:	C:\Users\David C-CTR Cook\Documents\TARGET~2\DME-DM~1\1-22-2~1\KORFKO~1\KORFKO~1\KORF_I~1\WITHOU~1\KORF [IFPA] KOHLS1 20250602_1304 EDT\NUTZE_KOHLs\KORF KOHLS1 RNAV STAR NUTZE KOHLS 20250602_1304 EDT.pdf
Procedure Name:	KOHLs1
Software: DmeDmePlugin:	7.5.0
Date/Time:	06/02/2025 13:04 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
NUTZE	WP	N35° 50' 40.4300", W077° 40' 56.7200"	9000	VNAV	200	FLY_BY	TF
KOHLs	WP	N36° 22' 17.7600", W076° 52' 21.4800"	9000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KORF [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 KOHLS1 path NUTZE_KOHLs

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	NFE,NKT,RDU

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	H		NO	Enabled	13.3 %	13.3 %
2	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	89.8 %	89.8 %
3	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	82.1 %	82.1 %
4	SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	L		NO	Enabled	12.8 %	12.8 %
5	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	68.9 %	68.9 %
6	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	40	L		NO	Enabled	12.8 %	12.8 %
7	HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	130	H		NO	Enabled	73.4 %	73.4 %
8	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	21.8 %	21.8 %
9	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
10	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
11	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for KOHLS1 path NUTZE_KOHL

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	SBV	ISO	TYI		
3.2	FAY	SBV	ISO			
5.3	FAY	TYI	SBV	ISO		
6.5	FAY	TYI	ISO			
10.2	ISO	TYI	HPW	FAY		
10.5	ISO	TYI	CVI			
13.4	ISO	TYI	HPW	CVI	FAY	
14.0	ISO	TYI	HPW	CVI		
42.8	HPW	ECG	ISO	TYI	CVI	
43.6						
43.9	HPW	ECG	ISO	CVI	ORF	
45.7	HPW	ORF				
46.5	HPW	ECG	ORF			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N36° 18' 02.1926", W076° 58' 58.2362"	N36° 18' 12.5887", W076° 58' 42.1220"	0.2776

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
NUTZE	KOHL	ORF, ISO, TYI, SBV, CVI, ECG, HPW, FAY	

DME DME Assessment Results for KOHLS1 path NUTZE_KOHL

User Data Files

#	File Name
1	New Analysis.udt
2	UserDMesKORF [IFPA] KOHLS1 RNAV STAR_20240830_1129 EDT.udt
3	UserDMesKORF [IFPA] KOHLS1 RNAV STAR_20240926_1006 EDT.udt

DME DME Assessment Results for KOHLS1 path NUTZE_KOHLs

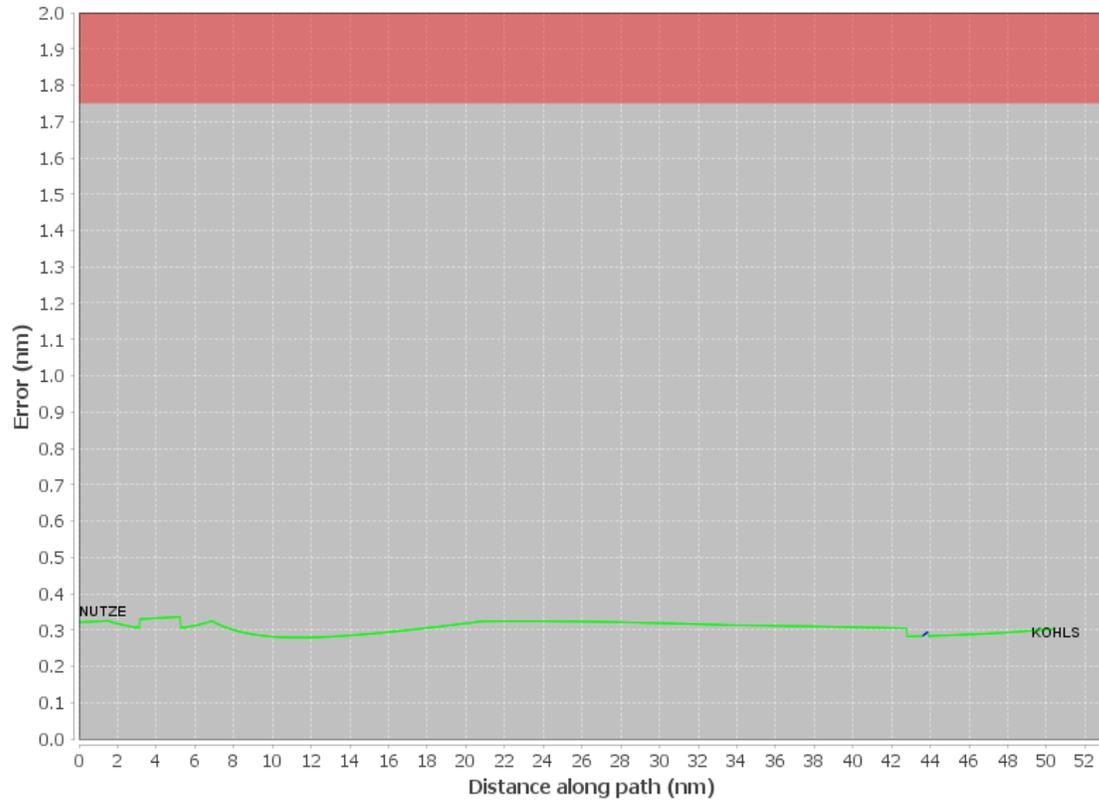
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV ECG ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	40	6.8	115.75	UDT ESV ECG	
	ESV:	Bearing [True]: 223.0° to 230.0° Bearing [Mag]: 230.0° to 237.0°			Arc Distance: Out to 97.0 NM Altitude: 8900.0 to 18100.0 ft			
2	UDT ESV LVL LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	0	350	null	UDT ESV LVL	
	ESV:	Bearing [True]: 188.0° to 228.0° Bearing [Mag]: 196.0° to 236.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft			
3	UDT ESV SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	UDT ESV SBV	
	ESV:	Bearing [True]: 132.0° to 175.0° Bearing [Mag]: 137.0° to 180.0°			Arc Distance: Out to 62.0 NM Altitude: 3000.0 to 12000.0 ft			
4	UDT ESV GSO GSO	N36° 02' 44.4948", W079° 58' 34.9356"	3.0 W	130	907.9	116.2	UDT ESV GSO	
	ESV:	Bearing [True]: 90.0° to 173.0° Bearing [Mag]: 93.0° to 176.0°			Arc Distance: Out to 67.0 NM Altitude: 3900.0 to 15500.0 ft			
5	UDT ESV HPW HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	40	70	114.35	UDT ESV HPW	
	ESV:	Bearing [True]: 166.0° to 199.0° Bearing [Mag]: 172.0° to 205.0°			Arc Distance: Out to 85.0 NM Altitude: 8900.0 to 18100.0 ft			
6	UDT ESV SDZ SDZ	N35° 12' 55.7308", W079° 35' 16.5725"	3.0 W	40	588	111.8	UDT ESV SDZ	
	ESV:	Bearing [True]: 48.0° to 109.0° Bearing [Mag]: 51.0° to 112.0°			Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 18000.0 ft			
7	UDT ESV SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	UDT ESV SBV	
	ESV:	Bearing [True]: 126.0° to 177.0° Bearing [Mag]: 131.0° to 182.0°			Arc Distance: Out to 55.0 NM Altitude: 6000.0 to 15000.0 ft			
8	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	
	ESV:	Bearing [True]: 259.0° to 282.0° Bearing [Mag]: 264.0° to 287.0°			Arc Distance: Out to 68.0 NM Altitude: 3000.0 to 12000.0 ft			
9	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
	ESV:	Bearing [True]: 122.0° to 128.0° Bearing [Mag]: 127.0° to 133.0°			Arc Distance: Out to 87.0 NM Altitude: 8900.0 to 18600.0 ft			
10	TYI FAA 694155-46 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-46	
	ESV:	Bearing [True]: 290.0° to 340.0° Bearing [Mag]: 295.0° to 345.0°			Arc Distance: Out to 47.0 NM Altitude: 2500.0 to 14600.0 ft			
11	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 357.0° to 9.0° Bearing [Mag]: 1.0° to 13.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft			
12	UDT ESV ISO ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	70.1	117.5	UDT ESV ISO	
	ESV:	Bearing [True]: 333.0° to 7.0° Bearing [Mag]: 338.0° to 12.0°			Arc Distance: Out to 69.0 NM Altitude: 4500.0 to 12000.0 ft			
13	UDT ESV ORF ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	UDT ESV ORF	
	ESV:	Bearing [True]: 219.0° to 233.0° Bearing [Mag]: 226.0° to 240.0°			Arc Distance: Out to 52.0 NM Altitude: 8300.0 to 14600.0 ft			
14	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 20.0° to 46.0° Bearing [Mag]: 24.0° to 50.0°			Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 12000.0 ft			
15	UDT ESV HPW HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	40	70	114.35	UDT ESV HPW	
	ESV:	Bearing [True]: 162.0° to 195.0° Bearing [Mag]: 168.0° to 201.0°			Arc Distance: Out to 85.0 NM Altitude: 8300.0 to 18100.0 ft			
16	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	
	ESV:	Bearing [True]: 244.0° to 269.0° Bearing [Mag]: 249.0° to 274.0°			Arc Distance: Out to 67.0 NM Altitude: 4000.0 to 14600.0 ft			
17	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	

DME DME Assessment Results for KOHLS1 path NUTZE_KOHLs

User DMEs									
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status	
	ESV:	Bearing [True]: 244.0° to 269.0° Bearing [Mag]: 249.0° to 274.0°				Arc Distance: Out to 67.0 NM Altitude: 4000.0 to 14600.0 ft			
18	UDT ESV RIC RIC	N37° 30' 08.4521", W077° 19' 12.9944"	9.0 W	130	158.3	114.1	UDT ESV RIC		
	ESV:	Bearing [True]: 193.0° to 197.0° Bearing [Mag]: 202.0° to 206.0°				Arc Distance: Out to 100.0 NM Altitude: 8900.0 to 14700.0 ft			
19	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY		
	ESV:	Bearing [True]: 3.0° to 52.0° Bearing [Mag]: 7.0° to 56.0°				Arc Distance: Out to 92.0 NM Altitude: 8900.0 to 18200.0 ft			
20	UDT ESV ISO ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	70.1	117.5	UDT ESV ISO		
	ESV:	Bearing [True]: 337.0° to 30.0° Bearing [Mag]: 342.0° to 35.0°				Arc Distance: Out to 66.0 NM Altitude: 8900.0 to 18100.0 ft			

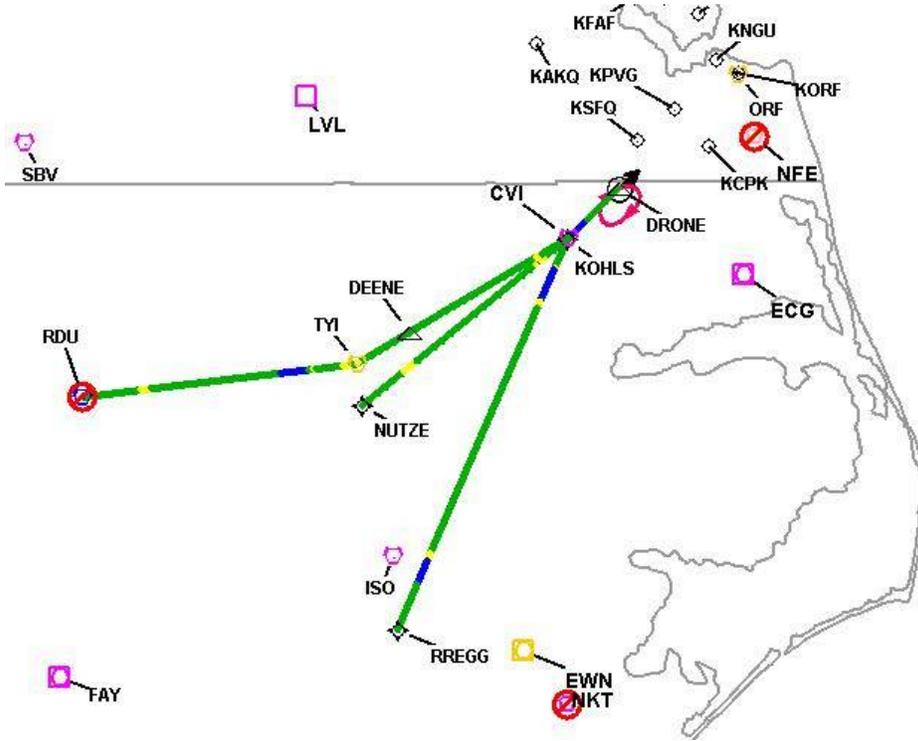
DME DME Assessment Results for KOHLS1 path NUTZE_KOHLs

DME Error



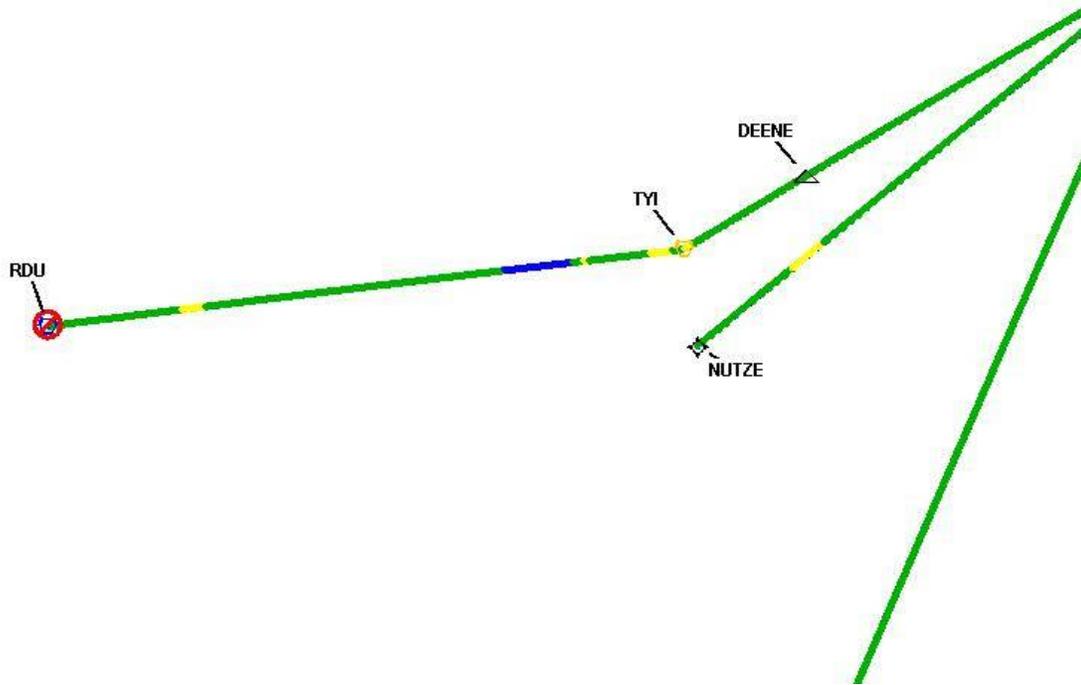
DME DME Assessment Results for KOHLS1 path NUTZE_KOHLS

Graphic Depiction 1



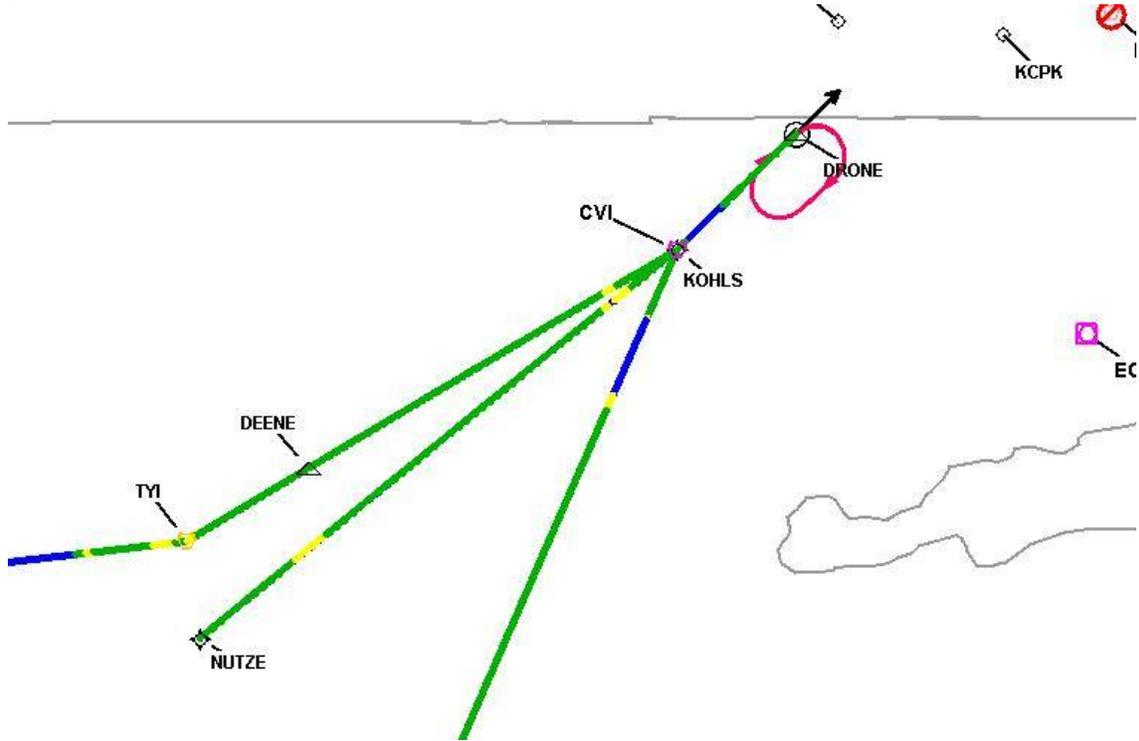
DME DME Assessment Results for KOHLS1 path NUTZE_KOHLs

Graphic Depiction 2



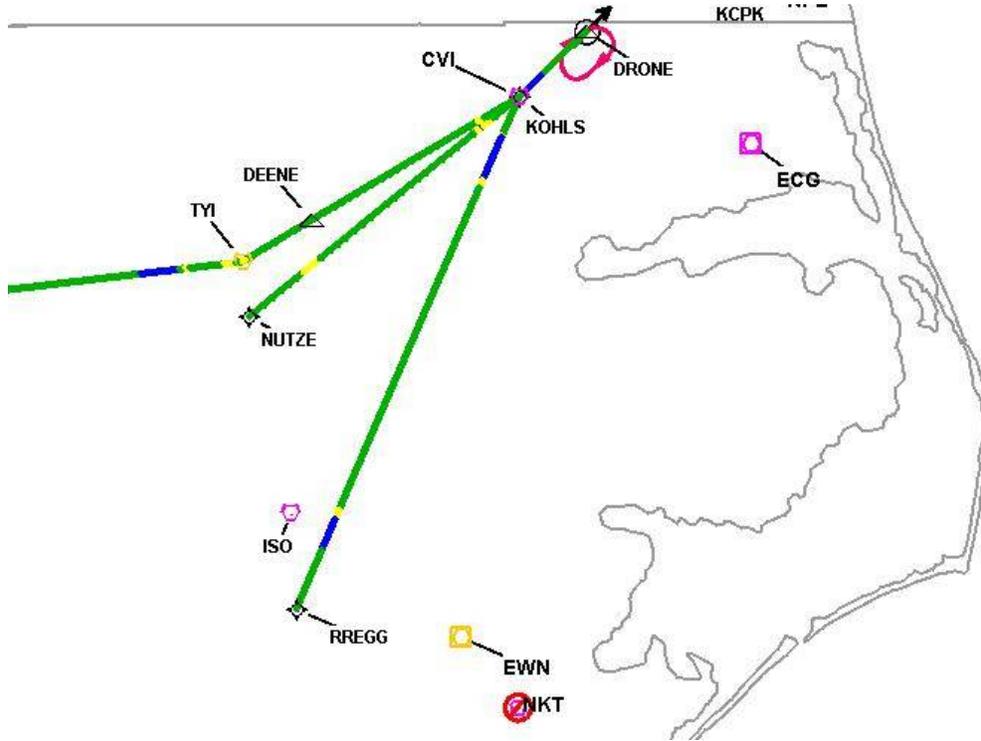
DME DME Assessment Results for KOHLS1 path NUTZE_KOHL

Graphic Depiction 3



DME DME Assessment Results for KOHLS1 path NUTZE_KOHL

Graphic Depiction 4



DME DME Assessment Results for KOHLS1 path RDU_DRONE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGET~2\DME-DM~1\1-22-2~1\KORFKO~1\KORFKO~1\KORF_I~1\WITHOU~1\KORFKO~1.TGS
Output File:	C:\Users\David C-CTR Cook\Documents\TARGET~2\DME-DM~1\1-22-2~1\KORFKO~1\KORFKO~1\KORF_I~1\WITHOU~1\KORF [IFPA] KOHLS1 20250602_1304 EDT\RDU_DRONE\KORF KOHLS1 RNAV STAR RDU DRONE 20250602_1304 EDT.pdf
Procedure Name:	KOHLS1
Software: DmeDmePlugin:	7.5.0
Date/Time:	06/02/2025 13:04 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
RDU	WP	N35° 52' 21.0761", W078° 47' 00.0316"	9000	VNAV	200	FLY_BY	TF
TYI	WP	N35° 58' 36.2050", W077° 42' 13.4340"	9000	VNAV	200	FLY_BY	TF
DEENE	WP	N36° 04' 32.8600", W077° 29' 51.4200"	9000	VNAV	200	FLY_BY	TF
KOHLS	WP	N36° 22' 17.7600", W076° 52' 21.4800"	9000	VNAV	200	FLY_BY	TF
DRONE	WP	N36° 31' 45.2300", W076° 40' 15.0500"	3000	VNAV	200	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KORF [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 KOHLS1 path RDU_DRONE

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	NFE,NKT,RDU

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	GSO	N36° 02' 44.4948", W079° 58' 34.9356"	3.0 W	130	H		NO	Enabled	6.4 %	6.4 %
2	ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	H		NO	Enabled	14.7 %	14.7 %
3	LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	L		NO	Enabled	25.3 %	25.3 %
4	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	44.3 %	44.3 %
5	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	69.1 %	69 %
6	SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	L		NO	Enabled	28.4 %	28.3 %
7	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	36.8 %	36.8 %
8	SDZ	N35° 12' 55.7308", W079° 35' 16.5725"	3.0 W	40	L		NO	Enabled	0.1 %	0.1 %
9	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	40	L		NO	Enabled	13 %	13 %
10	RIC	N37° 30' 08.4521", W077° 19' 12.9944"	9.0 W	130	H		NO	Enabled	4.3 %	4.3 %
11	HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	130	H		NO	Enabled	36.3 %	36.3 %
12	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	49.3 %	49.3 %
13	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
14	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
15	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for KOHLS1 path RDU_DRONE

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	GSO	FAY	TYI	SBV		
6.1	GSO	FAY	TYI	SBV	LVL	
7.3	TYI	SBV	FAY	LVL		
11.2	SDZ	SBV	TYI	FAY	LVL	
11.4	TYI	SBV	FAY	LVL		
26.9	LVL	TYI	FAY			
34.8	FAY	TYI				
38.0						
43.6	ISO	TYI	FAY			
44.5	ISO	TYI	FAY	SBV	RIC	
45.1	ISO	TYI	FAY	RIC		
47.6	ISO	TYI	FAY	SBV	RIC	
49.1	ISO	TYI	FAY	SBV		
49.8	FAY	SBV	ISO			
50.1	FAY	SBV	ISO	RIC		
50.5	FAY	SBV	ISO			
51.9	FAY	ISO				
53.0	FAY	SBV	ISO			
53.5	ISO	FAY				
58.8	ISO	TYI	FAY			
60.0	ISO	CVI	TYI	FAY	HPW	
61.7	ISO	CVI	TYI	HPW		
92.9	HPW	ECG	ISO	TYI	CVI	ORF
93.1	HPW	ECG	ISO	CVI	ORF	
93.9	HPW	CVI	ORF			
94.7	HPW	ORF				
95.8	HPW	ECG	ORF			
101.2						
105.0	ORF	ECG				
106.3	ECG	CVI	ORF			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N35° 56' 53.5847", W078° 00' 34.4426"	N35° 57' 32.6822", W077° 53' 38.5991"	5.6644
2	N36° 23' 18.0402", W076° 51' 04.5288"	N36° 25' 55.6301", W076° 47' 43.1155"	3.7711

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RDU	TYI	GSO, LVL, ISO, TYI, SBV, SDZ, RIC, FAY	
TYI	DEENE	ISO, TYI, SBV, CVI, HPW, FAY	
DEENE	KOHLs	ORF, ISO, TYI, CVI, ECG, HPW	
KOHLs	DRONE	ORF, CVI, ECG, HPW	

DME DME Assessment Results for KOHLS1 path RDU_DRONE

User Data Files

#	File Name
1	New Analysis.udt
2	UserDMESKORF [IFPA] KOHLS1 RNAV STAR_20240830_1129 EDT.udt
3	UserDMESKORF [IFPA] KOHLS1 RNAV STAR_20240926_1006 EDT.udt

DME DME Assessment Results for KOHLS1 path RDU_DRONE

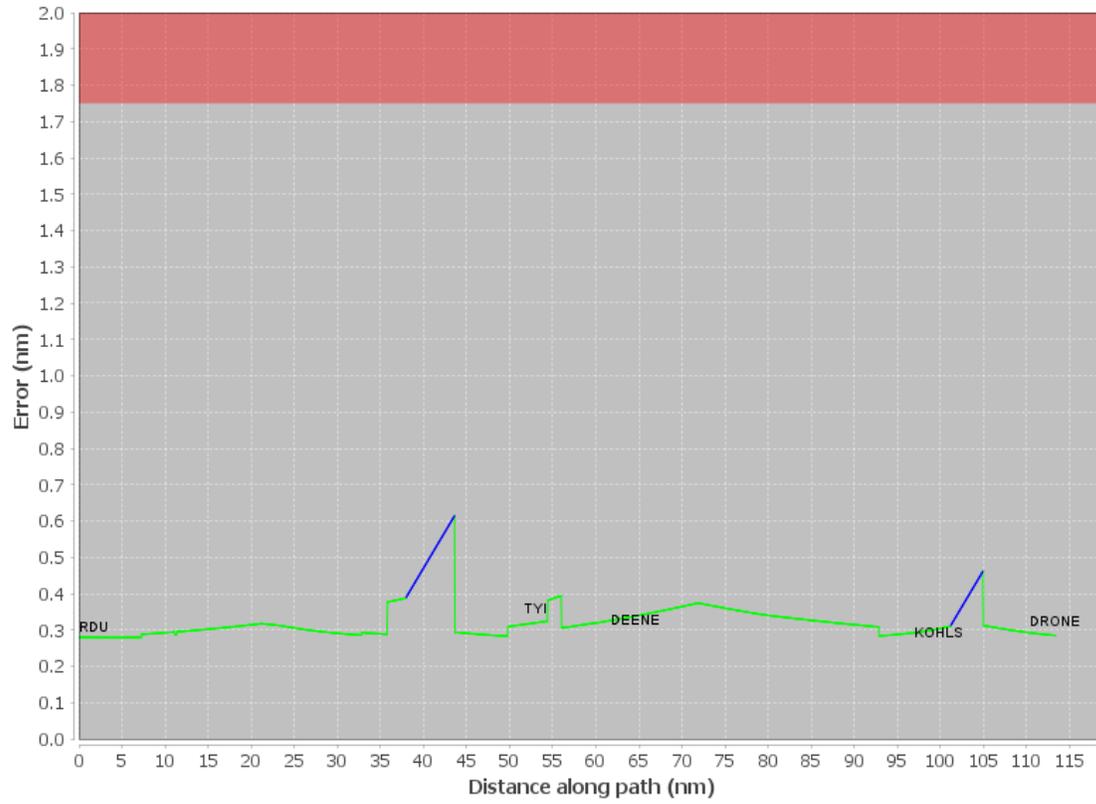
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV ECG ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	40	6.8	115.75	UDT ESV ECG	
	ESV:	Bearing [True]: 223.0° to 230.0° Bearing [Mag]: 230.0° to 237.0°			Arc Distance: Out to 97.0 NM Altitude: 8900.0 to 18100.0 ft			
2	UDT ESV LVL LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	0	350	null	UDT ESV LVL	
	ESV:	Bearing [True]: 188.0° to 228.0° Bearing [Mag]: 196.0° to 236.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft			
3	UDT ESV SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	UDT ESV SBV	
	ESV:	Bearing [True]: 132.0° to 175.0° Bearing [Mag]: 137.0° to 180.0°			Arc Distance: Out to 62.0 NM Altitude: 3000.0 to 12000.0 ft			
4	UDT ESV GSO GSO	N36° 02' 44.4948", W079° 58' 34.9356"	3.0 W	130	907.9	116.2	UDT ESV GSO	
	ESV:	Bearing [True]: 90.0° to 173.0° Bearing [Mag]: 93.0° to 176.0°			Arc Distance: Out to 67.0 NM Altitude: 3900.0 to 15500.0 ft			
5	UDT ESV HPW HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	40	70	114.35	UDT ESV HPW	
	ESV:	Bearing [True]: 166.0° to 199.0° Bearing [Mag]: 172.0° to 205.0°			Arc Distance: Out to 85.0 NM Altitude: 8900.0 to 18100.0 ft			
6	UDT ESV SDZ SDZ	N35° 12' 55.7308", W079° 35' 16.5725"	3.0 W	40	588	111.8	UDT ESV SDZ	
	ESV:	Bearing [True]: 48.0° to 109.0° Bearing [Mag]: 51.0° to 112.0°			Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 18000.0 ft			
7	UDT ESV SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	UDT ESV SBV	
	ESV:	Bearing [True]: 126.0° to 177.0° Bearing [Mag]: 131.0° to 182.0°			Arc Distance: Out to 55.0 NM Altitude: 6000.0 to 15000.0 ft			
8	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	
	ESV:	Bearing [True]: 259.0° to 282.0° Bearing [Mag]: 264.0° to 287.0°			Arc Distance: Out to 68.0 NM Altitude: 3000.0 to 12000.0 ft			
9	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
	ESV:	Bearing [True]: 122.0° to 128.0° Bearing [Mag]: 127.0° to 133.0°			Arc Distance: Out to 87.0 NM Altitude: 8900.0 to 18600.0 ft			
10	TYI FAA 694155-46 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-46	
	ESV:	Bearing [True]: 290.0° to 340.0° Bearing [Mag]: 295.0° to 345.0°			Arc Distance: Out to 47.0 NM Altitude: 2500.0 to 14600.0 ft			
11	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 357.0° to 9.0° Bearing [Mag]: 1.0° to 13.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft			
12	UDT ESV ISO ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	70.1	117.5	UDT ESV ISO	
	ESV:	Bearing [True]: 333.0° to 7.0° Bearing [Mag]: 338.0° to 12.0°			Arc Distance: Out to 69.0 NM Altitude: 4500.0 to 12000.0 ft			
13	UDT ESV ORF ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	UDT ESV ORF	
	ESV:	Bearing [True]: 219.0° to 233.0° Bearing [Mag]: 226.0° to 240.0°			Arc Distance: Out to 52.0 NM Altitude: 8300.0 to 14600.0 ft			
14	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 20.0° to 46.0° Bearing [Mag]: 24.0° to 50.0°			Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 12000.0 ft			
15	UDT ESV HPW HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	40	70	114.35	UDT ESV HPW	
	ESV:	Bearing [True]: 162.0° to 195.0° Bearing [Mag]: 168.0° to 201.0°			Arc Distance: Out to 85.0 NM Altitude: 8300.0 to 18100.0 ft			
16	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	
	ESV:	Bearing [True]: 244.0° to 269.0° Bearing [Mag]: 249.0° to 274.0°			Arc Distance: Out to 67.0 NM Altitude: 4000.0 to 14600.0 ft			
17	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	

DME DME Assessment Results for KOHLS1 path RDU_DRONE

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 244.0° to 269.0° Bearing [Mag]: 249.0° to 274.0°				Arc Distance: Out to 67.0 NM Altitude: 4000.0 to 14600.0 ft		
18	UDT ESV RIC RIC	N37° 30' 08.4521", W077° 19' 12.9944"	9.0 W	130	158.3	114.1	UDT ESV RIC	
	ESV:	Bearing [True]: 193.0° to 197.0° Bearing [Mag]: 202.0° to 206.0°				Arc Distance: Out to 100.0 NM Altitude: 8900.0 to 14700.0 ft		
19	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 3.0° to 52.0° Bearing [Mag]: 7.0° to 56.0°				Arc Distance: Out to 92.0 NM Altitude: 8900.0 to 18200.0 ft		
20	UDT ESV ISO ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	70.1	117.5	UDT ESV ISO	
	ESV:	Bearing [True]: 337.0° to 30.0° Bearing [Mag]: 342.0° to 35.0°				Arc Distance: Out to 66.0 NM Altitude: 8900.0 to 18100.0 ft		

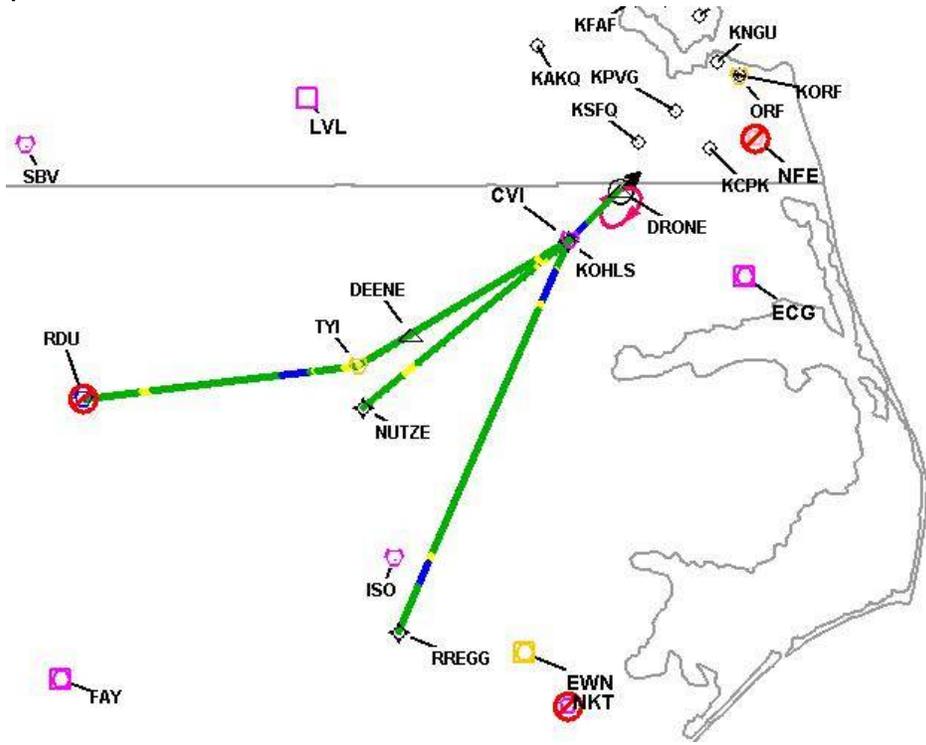
DME DME Assessment Results for KOHLS1 path RDU_DRONE

DME Error



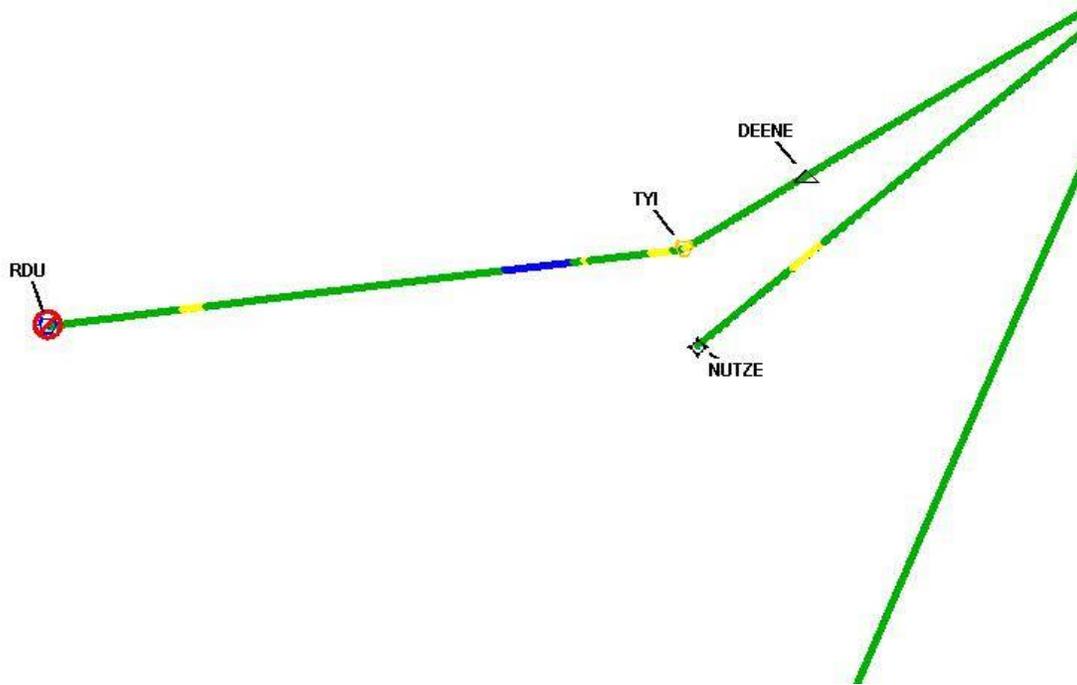
DME DME Assessment Results for KOHLS1 path RDU_DRONE

Graphic Depiction 1



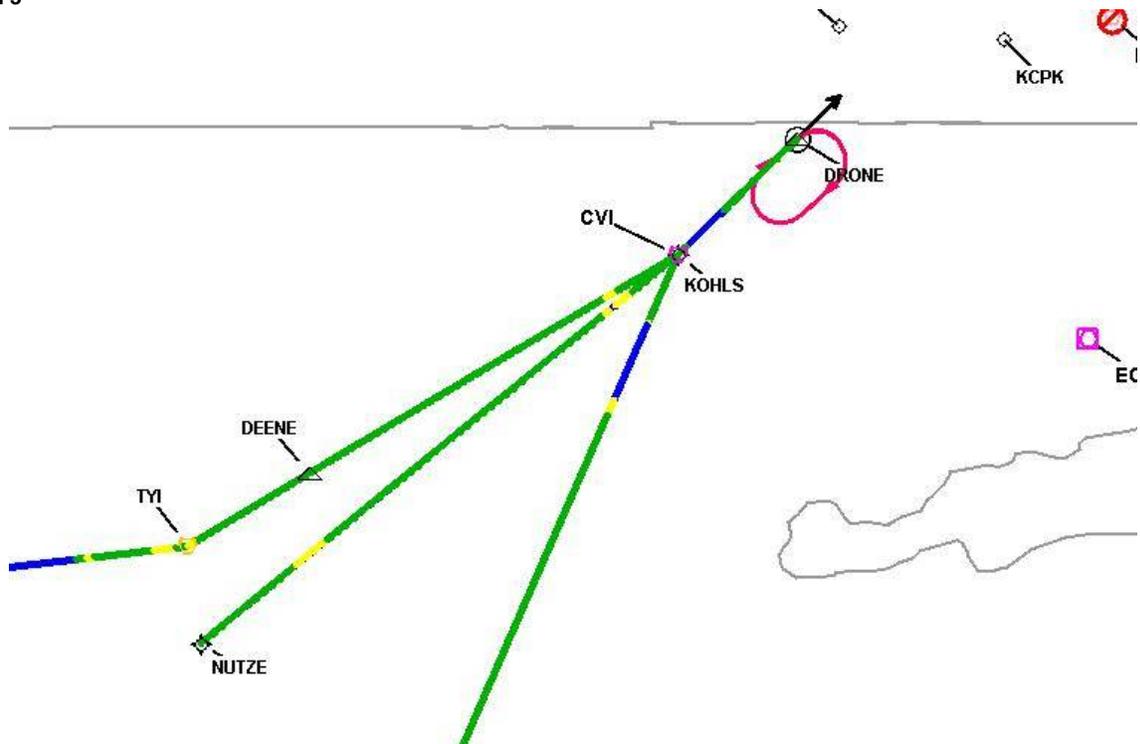
DME DME Assessment Results for KOHLS1 path RDU_DRONE

Graphic Depiction 2



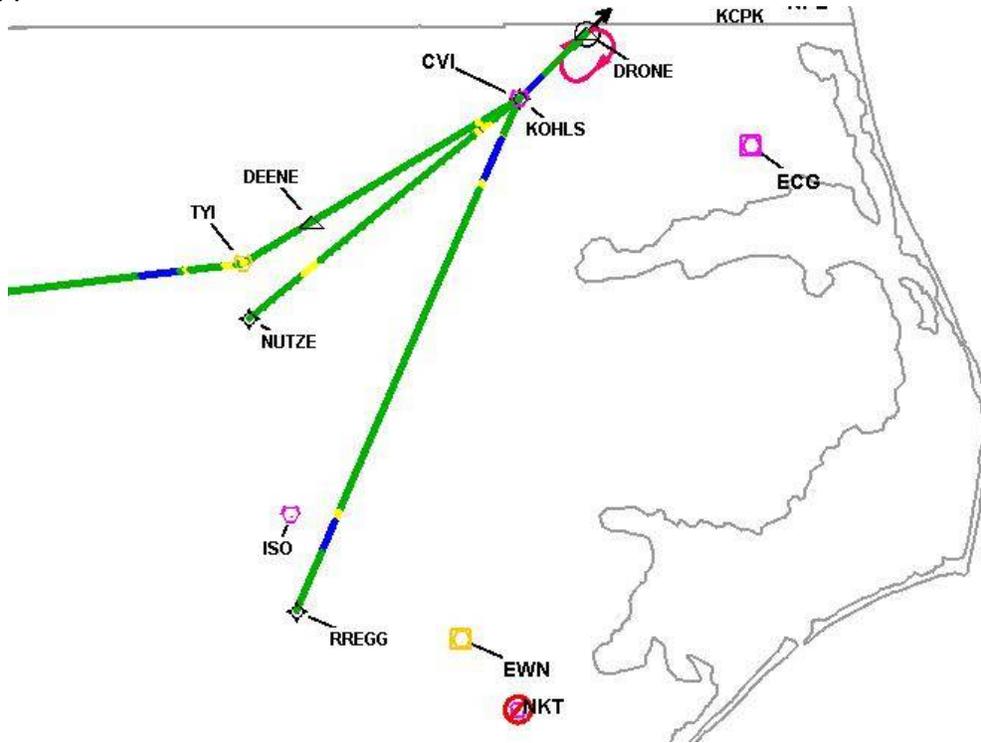
DME DME Assessment Results for KOHLS1 path RDU_DRONE

Graphic Depiction 3



DME DME Assessment Results for KOHLS1 path RDU_DRONE

Graphic Depiction 4



DME DME Assessment Results for KOHLS1 path RREGG_KOHLs

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGET~2\DME-DM~1\1-22-2~1\KORFKO~1\KORFKO~1\KORF_I~1\WITHOU~1\KORFKO~1.TGS
Output File:	C:\Users\David C-CTR Cook\Documents\TARGET~2\DME-DM~1\1-22-2~1\KORFKO~1\KORFKO~1\KORF_I~1\WITHOU~1\KORF [IFPA] KOHLS1 20250602_1304 EDT\RREGG_KOHLs\KORF KOHLs1 RNAV STAR RREGG KOHLs 20250602_1304 EDT.pdf
Procedure Name:	KOHLs1
Software: DmeDmePlugin:	7.5.0
Date/Time:	06/02/2025 13:04 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
RREGG	WP	N35° 08' 19.4800", W077° 32' 36.2200"	9000	VNAV	200	FLY_BY	TF
KOHLs	WP	N36° 22' 17.7600", W076° 52' 21.4800"	9000	VNAV	200	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KORF [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 KOHLS1 path RREGG_KOHLs

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Allowed
DoD Facilities:	Not included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Enabled
Disabled DMEs:	NFE,NKT,RDU

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	H		NO	Enabled	7.6 %	7.6 %
2	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	57.3 %	57.3 %
3	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	63.4 %	63.4 %
4	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	34.4 %	34.4 %
5	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	40	L		NO	Enabled	22.6 %	22.6 %
6	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	34.5 %	34.5 %
7	HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	130	H		NO	Enabled	26.5 %	26.5 %
8	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
9	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
10	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for KOHLS1 path RREGG_KOHL

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	EWN	ISO	ECG			
9.6						
14.4	ECG	EWN	ISO	TYI		
15.9	EWN	ISO				
18.0	ISO	TYI	EWN			
32.9	ISO	TYI				
41.1	TYI	CVI	ISO			
51.1	TYI	CVI				
52.6	TYI	CVI	HPW			
66.0	HPW	TYI				
66.6	HPW	ECG	TYI	CVI		
67.9						
74.6	HPW	ECG	CVI	ISO	ORF	
74.9	HPW	ECG	CVI	ORF		
76.6	HPW	ECG	ORF			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N35° 17' 04.8851", W077° 27' 54.6131"	N35° 21' 33.6215", W077° 25' 30.1442"	4.8868
2	N36° 10' 27.9997", W076° 58' 53.2218"	N36° 16' 39.6812", W076° 55' 28.3495"	6.7748

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
RREGG	KOHL	ORF, ISO, TYI, CVI, ECG, EWN, HPW	

DME DME Assessment Results for KOHLS1 path RREGG_KOHL5

User Data Files

#	File Name
1	New Analysis.udt
2	UserDMesKORF [IFPA] KOHLS1 RNAV STAR_20240830_1129 EDT.udt
3	UserDMesKORF [IFPA] KOHLS1 RNAV STAR_20240926_1006 EDT.udt

DME DME Assessment Results for KOHLS1 path RREGG_KOHLs

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	UDT ESV ECG ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	40	6.8	115.75	UDT ESV ECG	
	ESV:	Bearing [True]: 223.0° to 230.0° Bearing [Mag]: 230.0° to 237.0°			Arc Distance: Out to 97.0 NM Altitude: 8900.0 to 18100.0 ft			
2	UDT ESV LVL LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	0	350	null	UDT ESV LVL	
	ESV:	Bearing [True]: 188.0° to 228.0° Bearing [Mag]: 196.0° to 236.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft			
3	UDT ESV SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	UDT ESV SBV	
	ESV:	Bearing [True]: 132.0° to 175.0° Bearing [Mag]: 137.0° to 180.0°			Arc Distance: Out to 62.0 NM Altitude: 3000.0 to 12000.0 ft			
4	UDT ESV GSO GSO	N36° 02' 44.4948", W079° 58' 34.9356"	3.0 W	130	907.9	116.2	UDT ESV GSO	
	ESV:	Bearing [True]: 90.0° to 173.0° Bearing [Mag]: 93.0° to 176.0°			Arc Distance: Out to 67.0 NM Altitude: 3900.0 to 15500.0 ft			
5	UDT ESV HPW HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	40	70	114.35	UDT ESV HPW	
	ESV:	Bearing [True]: 166.0° to 199.0° Bearing [Mag]: 172.0° to 205.0°			Arc Distance: Out to 85.0 NM Altitude: 8900.0 to 18100.0 ft			
6	UDT ESV SDZ SDZ	N35° 12' 55.7308", W079° 35' 16.5725"	3.0 W	40	588	111.8	UDT ESV SDZ	
	ESV:	Bearing [True]: 48.0° to 109.0° Bearing [Mag]: 51.0° to 112.0°			Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 18000.0 ft			
7	UDT ESV SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	UDT ESV SBV	
	ESV:	Bearing [True]: 126.0° to 177.0° Bearing [Mag]: 131.0° to 182.0°			Arc Distance: Out to 55.0 NM Altitude: 6000.0 to 15000.0 ft			
8	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	
	ESV:	Bearing [True]: 259.0° to 282.0° Bearing [Mag]: 264.0° to 287.0°			Arc Distance: Out to 68.0 NM Altitude: 3000.0 to 12000.0 ft			
9	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
	ESV:	Bearing [True]: 122.0° to 128.0° Bearing [Mag]: 127.0° to 133.0°			Arc Distance: Out to 87.0 NM Altitude: 8900.0 to 18600.0 ft			
10	TYI FAA 694155-46 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-46	
	ESV:	Bearing [True]: 290.0° to 340.0° Bearing [Mag]: 295.0° to 345.0°			Arc Distance: Out to 47.0 NM Altitude: 2500.0 to 14600.0 ft			
11	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 357.0° to 9.0° Bearing [Mag]: 1.0° to 13.0°			Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft			
12	UDT ESV ISO ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	70.1	117.5	UDT ESV ISO	
	ESV:	Bearing [True]: 333.0° to 7.0° Bearing [Mag]: 338.0° to 12.0°			Arc Distance: Out to 69.0 NM Altitude: 4500.0 to 12000.0 ft			
13	UDT ESV ORF ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	UDT ESV ORF	
	ESV:	Bearing [True]: 219.0° to 233.0° Bearing [Mag]: 226.0° to 240.0°			Arc Distance: Out to 52.0 NM Altitude: 8300.0 to 14600.0 ft			
14	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 20.0° to 46.0° Bearing [Mag]: 24.0° to 50.0°			Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 12000.0 ft			
15	UDT ESV HPW HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	40	70	114.35	UDT ESV HPW	
	ESV:	Bearing [True]: 162.0° to 195.0° Bearing [Mag]: 168.0° to 201.0°			Arc Distance: Out to 85.0 NM Altitude: 8300.0 to 18100.0 ft			
16	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	
	ESV:	Bearing [True]: 244.0° to 269.0° Bearing [Mag]: 249.0° to 274.0°			Arc Distance: Out to 67.0 NM Altitude: 4000.0 to 14600.0 ft			
17	UDT ESV TYI TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	UDT ESV TYI	

DME DME Assessment Results for KOHLS1 path RREGG_KOHLs

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 244.0° to 269.0° Bearing [Mag]: 249.0° to 274.0°				Arc Distance: Out to 67.0 NM Altitude: 4000.0 to 14600.0 ft		
18	UDT ESV RIC RIC	N37° 30' 08.4521", W077° 19' 12.9944"	9.0 W	130	158.3	114.1	UDT ESV RIC	
	ESV:	Bearing [True]: 193.0° to 197.0° Bearing [Mag]: 202.0° to 206.0°				Arc Distance: Out to 100.0 NM Altitude: 8900.0 to 14700.0 ft		
19	UDT ESV FAY FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	UDT ESV FAY	
	ESV:	Bearing [True]: 3.0° to 52.0° Bearing [Mag]: 7.0° to 56.0°				Arc Distance: Out to 92.0 NM Altitude: 8900.0 to 18200.0 ft		
20	UDT ESV ISO ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	70.1	117.5	UDT ESV ISO	
	ESV:	Bearing [True]: 337.0° to 30.0° Bearing [Mag]: 342.0° to 35.0°				Arc Distance: Out to 66.0 NM Altitude: 8900.0 to 18100.0 ft		

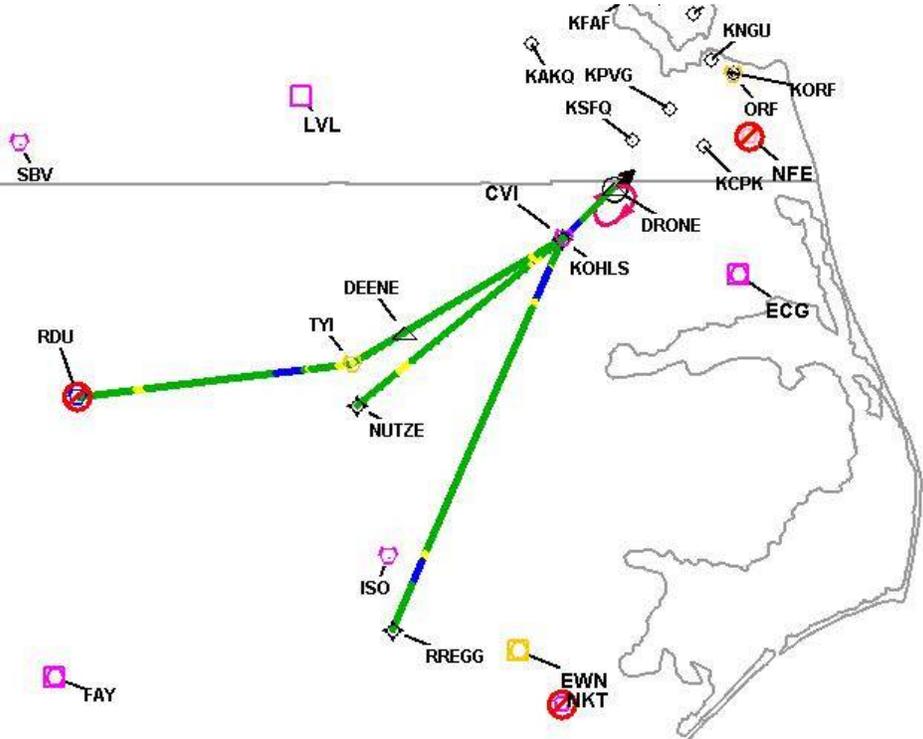
DME DME Assessment Results for KOHLS1 path RREGG_KOHL

DME Error



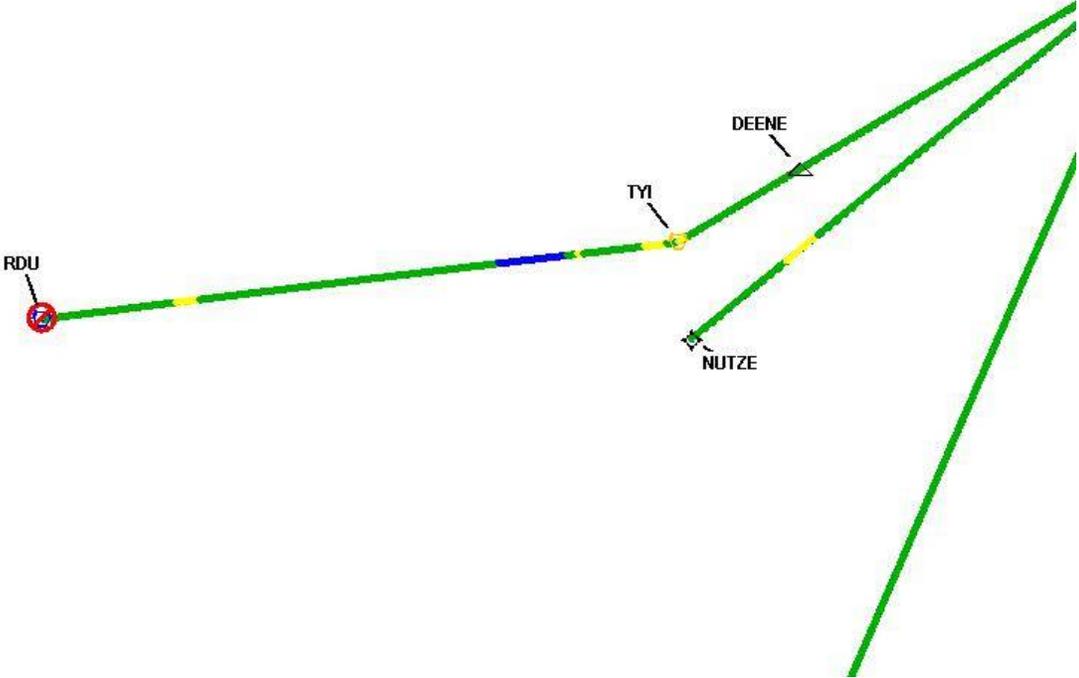
DME DME Assessment Results for KOHLS1 path RREGG_KOHLs

Graphic Depiction 1



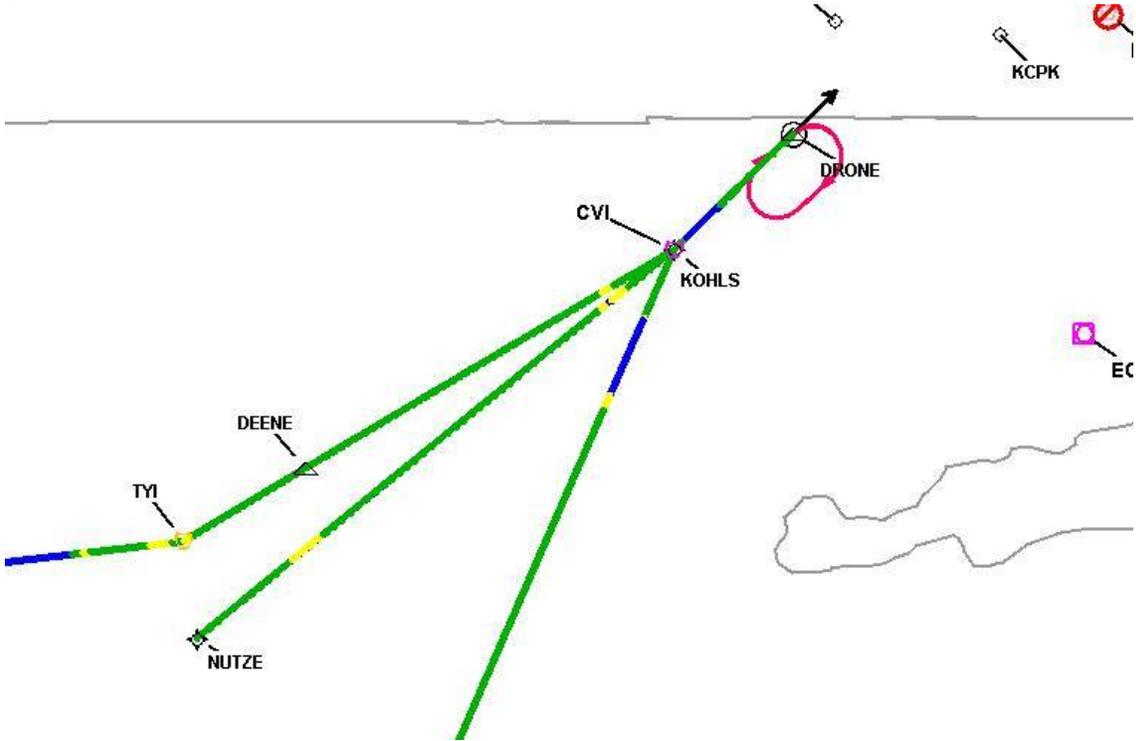
DME DME Assessment Results for KOHLS1 path RREGG_KOHL5

Graphic Depiction 2



DME DME Assessment Results for KOHLS1 path RREGG_KOHL

Graphic Depiction 3



DME DME Assessment Results for KOHLS1 path RREGG_KOHL

Graphic Depiction 4

