

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\FLNDR_ALINN\KMYR SEFUD1 SID FLNDR ALINN 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
FLNDR	WP	N33° 46' 20.3193", W078° 57' 01.3439"	4000	VNAV	200	FLY_BY	TF
SEFUD	WP	N33° 53' 06.4323", W078° 58' 49.1022"	4000	VNAV	200	FLY_BY	TF
YUHH	WP	N34° 02' 15.2637", W078° 28' 01.2680"	4000	VNAV	200	FLY_BY	TF
WYLS	WP	N34° 05' 59.0400", W078° 16' 30.2700"	4000	VNAV	200	FLY_BY	TF
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
JAAMS	WP	N35° 44' 18.0500", W077° 31' 41.6000"	7000	VNAV	200	FLY_BY	TF
ALINN	WP	N36° 28' 15.0500", W077° 17' 15.8100"	7000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path FLNDR_ALINN

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	L		NO	Enabled		
2	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	22.8 %	22.8 %
3	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	20.4 %	20.4 %
4	CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	H		NO	Enabled	19.3 %	19.3 %
5	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	6.3 %	6.3 %
6	FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	H		NO	Enabled	7.4 %	7.4 %
7	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	13.5 %	13.5 %
8	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	24.2 %	24.2 %
9	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	6.8 %	6.8 %
10	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	29.7 %	29.7 %
11	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
12	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
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	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
16	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FLO	ILM	FAY	CRE		
5.4	FLO	ILM	FAY			
6.6	FAY	FLO				
7.5						
24.0	FLO	CRE				
25.2	FLO	CRE	FAY			
30.0	FAY	ILM	FLO	CRE		
31.1						
34.6	FAY	ILM	CRE			
55.6	FAY	ILM				
59.9	CRE	FAY	ILM			
64.3						
87.0	FAY	ILM				
88.8	FAY	ISO	ILM			
95.3	FAY	ILM	ISO	EWN		
96.9	EWN	ILM	ISO			
97.0						
104.1	EWN	ISO				
109.0	EWN	ISO	FAY			
114.2	EWN	ISO				
115.9						
124.6	ISO	TYI				
125.1						
125.6	TYI	ECG				
131.1	ISO	ECG	TYI			
142.4						
154.1	ISO	TYI				
163.4	ISO	TYI	CVI			
164.3	ISO	TYI				
164.8	ISO	TYI	CVI			
167.1						
185.5	TYI	ECG				
185.9	TYI	ECG	CVI			
195.1	LVL	TYI	CVI	ECG		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 53' 17.7100", W078° 58' 11.4573"	N33° 58' 51.1955", W078° 39' 32.1487"	16.4835
2	N34° 01' 14.0452", W078° 31' 29.0063"	N34° 02' 24.9629", W078° 27' 31.4079"	3.4897
3	N34° 23' 54.8355", W078° 06' 03.5272"	N34° 44' 22.7223", W077° 54' 02.0250"	22.7158
4	N34° 53' 28.5340", W077° 49' 01.3329"	N35° 00' 20.0181", W077° 46' 42.3522"	7.1068
5	N35° 11' 41.4238", W077° 42' 51.3124"	N35° 20' 05.9567", W077° 39' 59.5206"	8.7169
6	N35° 20' 38.0899", W077° 39' 48.5584"	N35° 21' 03.7962", W077° 39' 39.7869"	0.4442
7	N35° 37' 17.2688", W077° 34' 06.4228"	N35° 48' 36.0378", W077° 30' 17.6311"	11.7246
8	N36° 01' 10.5403", W077° 26' 11.1529"	N36° 18' 57.5196", W077° 20' 20.2633"	18.3782

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
FLNDR	SEFUD	CRE, FLO, ILM, FAY	
SEFUD	YUHH	CRE, FLO, ILM, FAY	
YUHH	WYLS	CRE, ILM, FAY	
WYLS	ZORDO	ISO, CRE, ILM, EWN, FAY	
ZORDO	JAAMS	ISO, TYI, ECG, ILM, EWN, FAY	
JAAMS	ALINN	LVL, ISO, TYI, CVI, ECG	

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMesKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

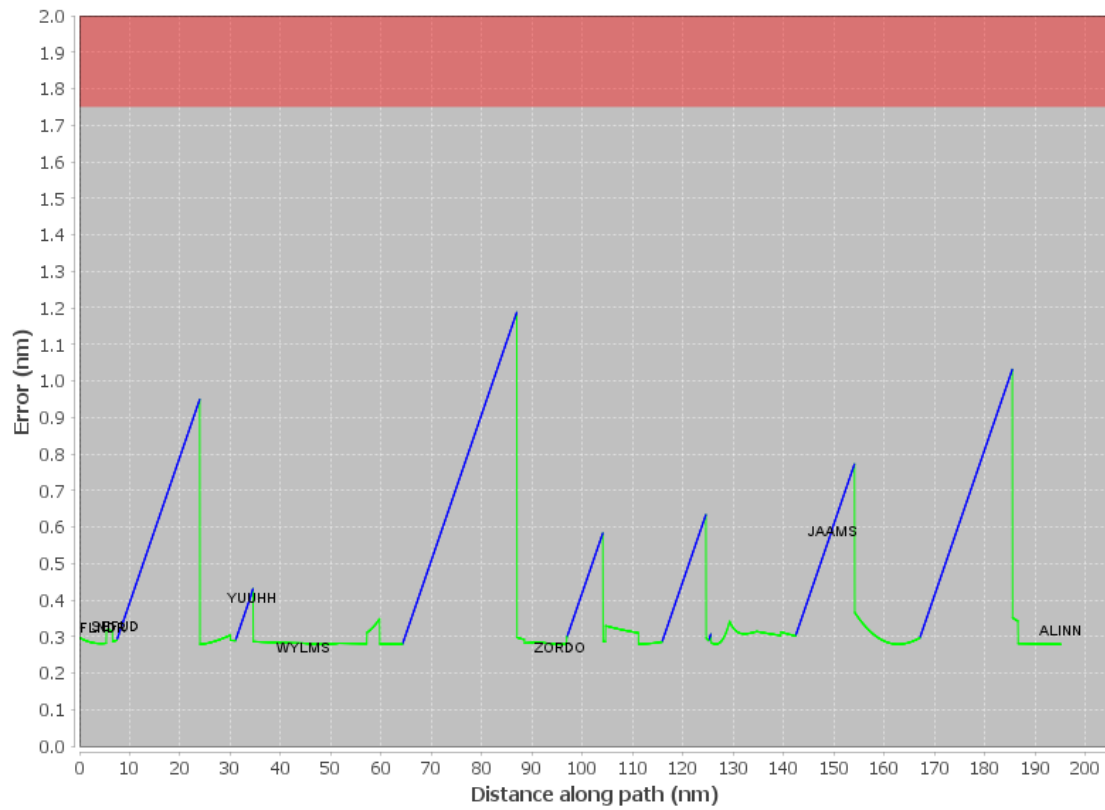
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

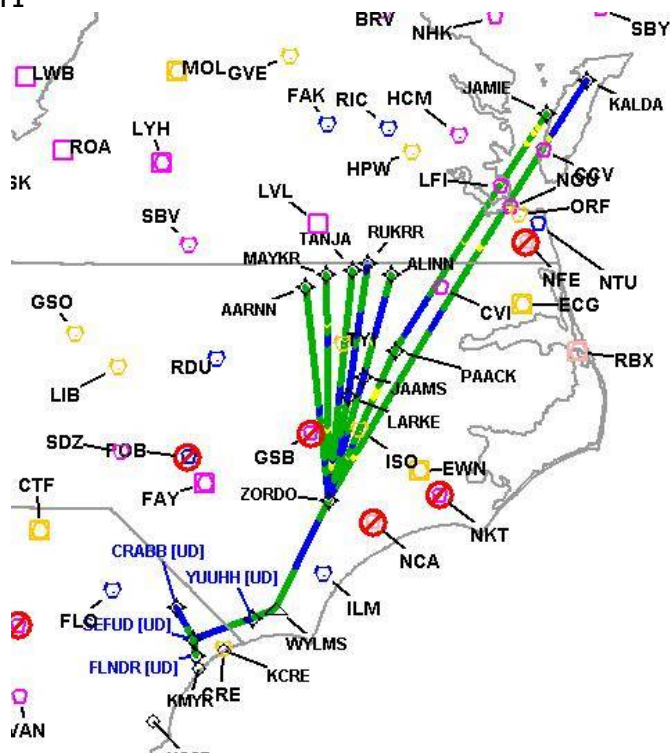
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

DME Error

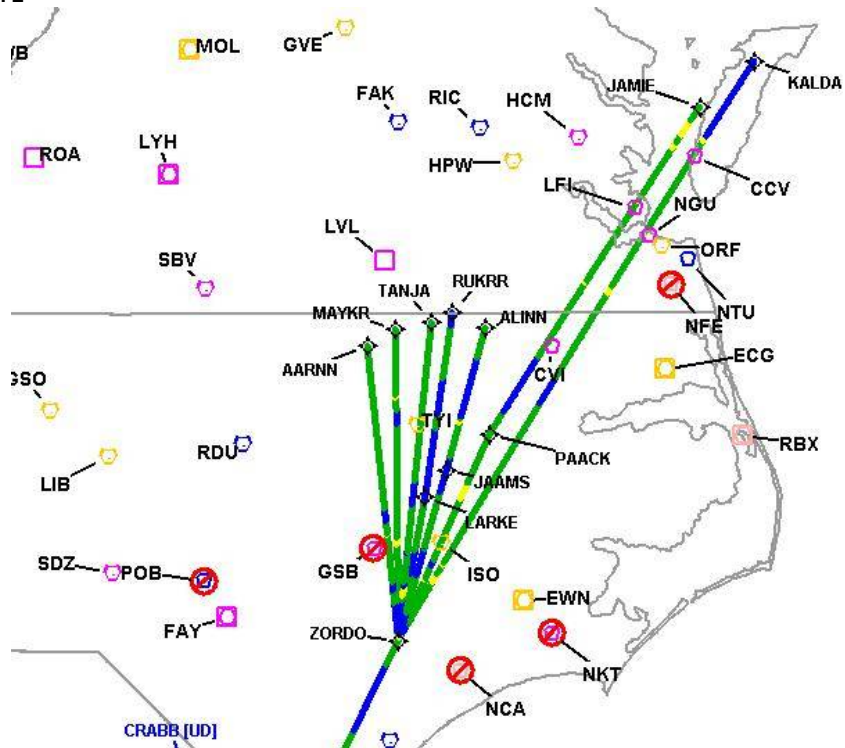


Graphic Depiction 1



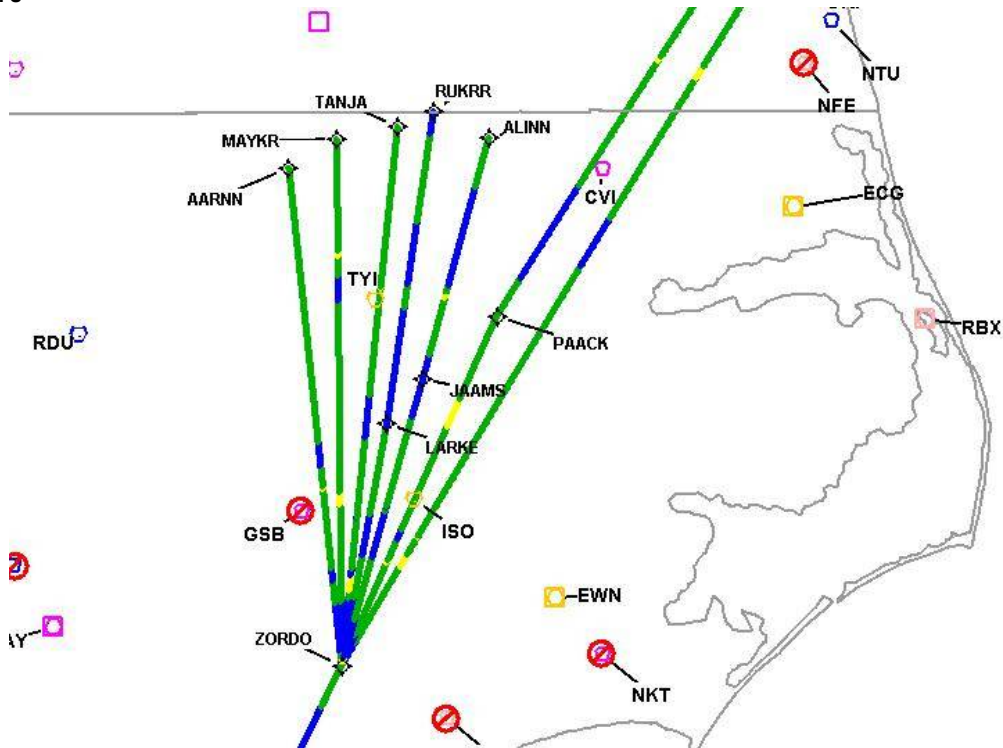
DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

Graphic Depiction 2



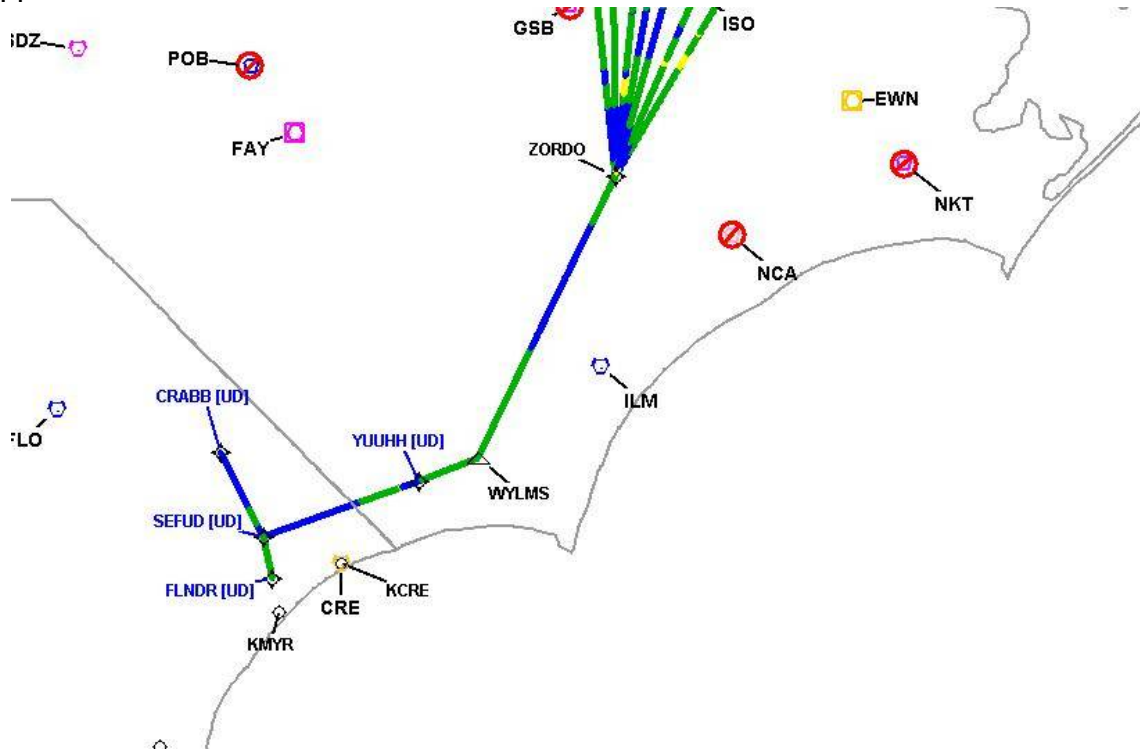
DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path FLNDR_ALINN

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\SEFUD_CRABB\KMYR SEFUD1 SID SEFUD CRABB 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
SEFUD	WP	N33° 53' 06.4323", W078° 58' 49.1022"	4000	VNAV	200	FLY_BY	TF
CRABB	WP	N34° 06' 53.7976", W079° 07' 10.7724"	5000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path SEFUD_CRABB

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	H		NO	Enabled	18 %	18 %
2	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	4 %	4 %
3	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	22 %	22 %
4	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
5	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
6	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
7	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
8	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
9	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	ILM				
0.7						
2.3	FAY	FLO				
5.1						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N33° 53' 42.2135", W078° 59' 10.7348"	N33° 55' 08.6802", W079° 00' 03.0342"	1.6111
2	N33° 57' 40.7128", W079° 01' 35.0719"	N34° 06' 53.7976", W079° 07' 10.7724"	10.3097

DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SEFUD	CRABB	FLO, ILM, FAY	

DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

User Data Files	
#	File Name
1	New Analysis.udt
2	UserDMesKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

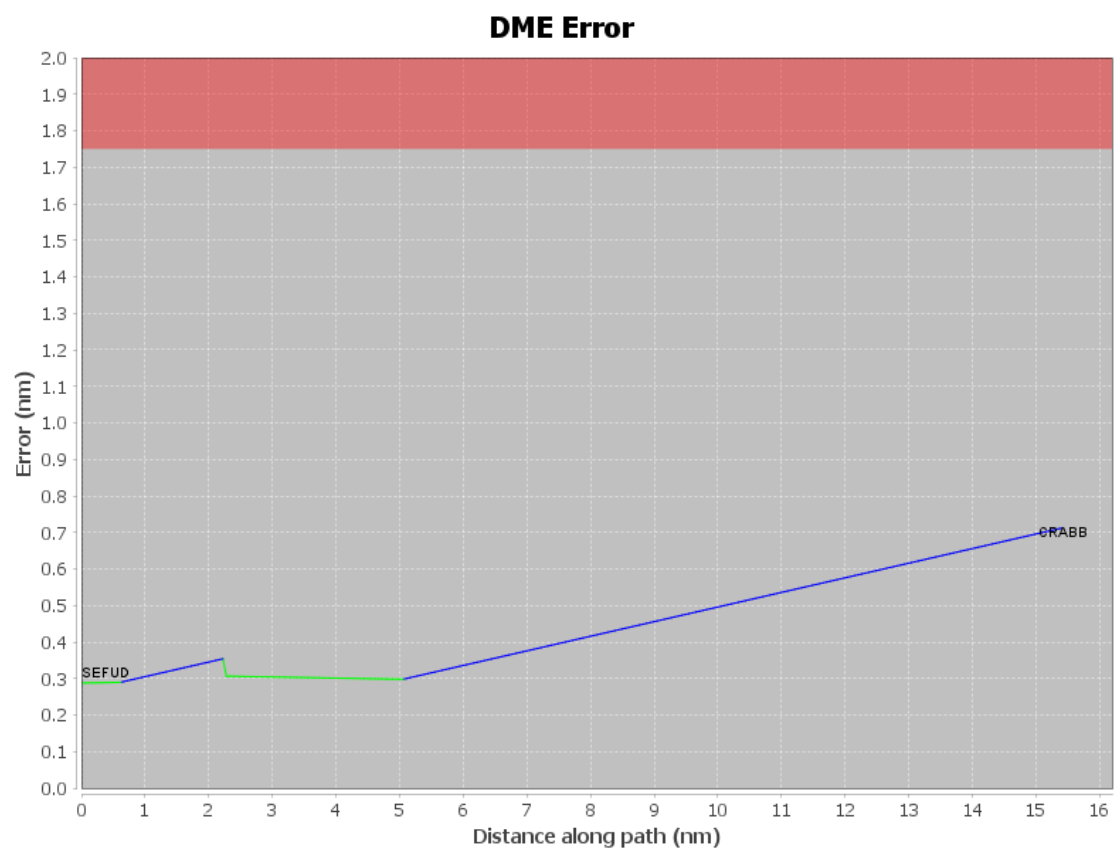
DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

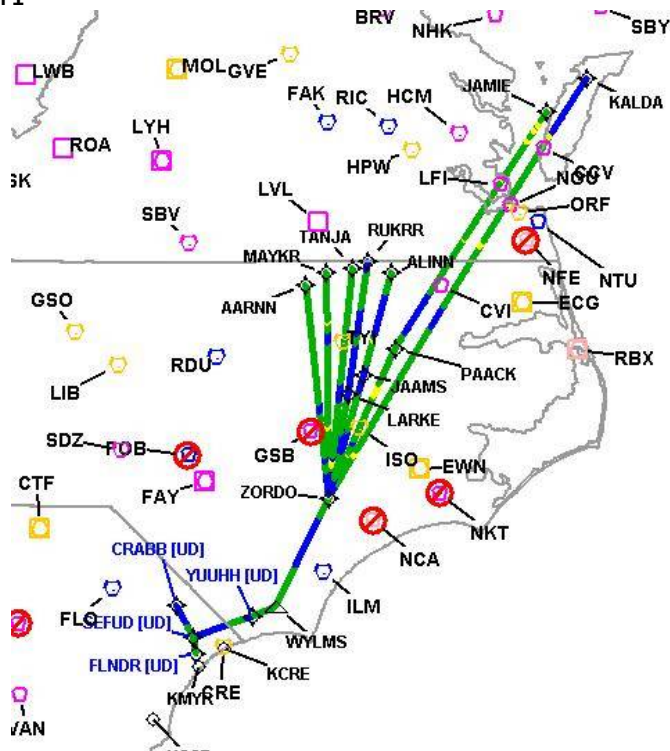
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

DME DME Assessment Results for SEFUD1 path SEFUD_CRABB



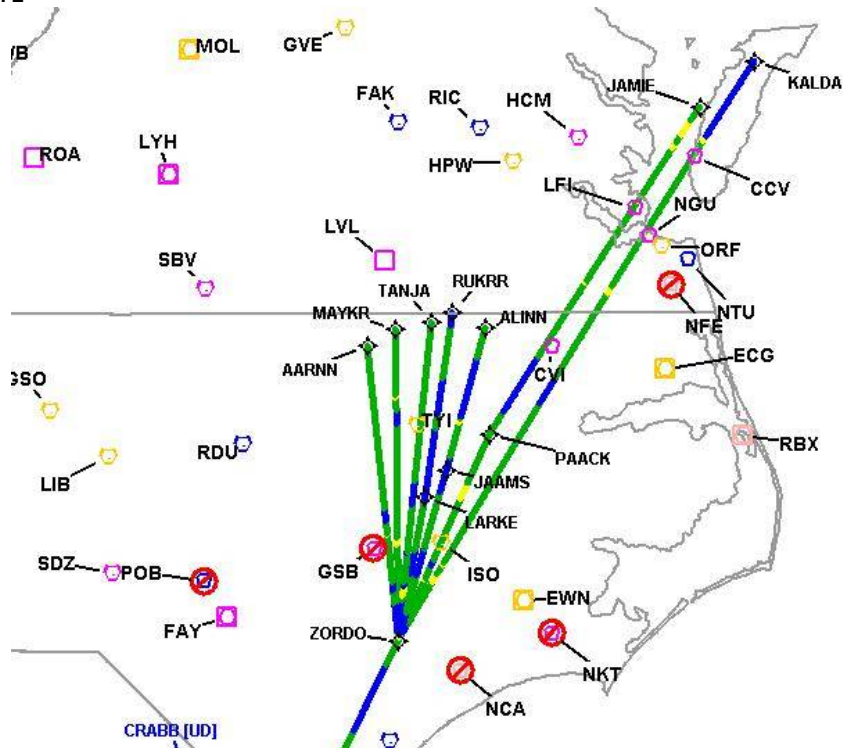
DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

Graphic Depiction 1



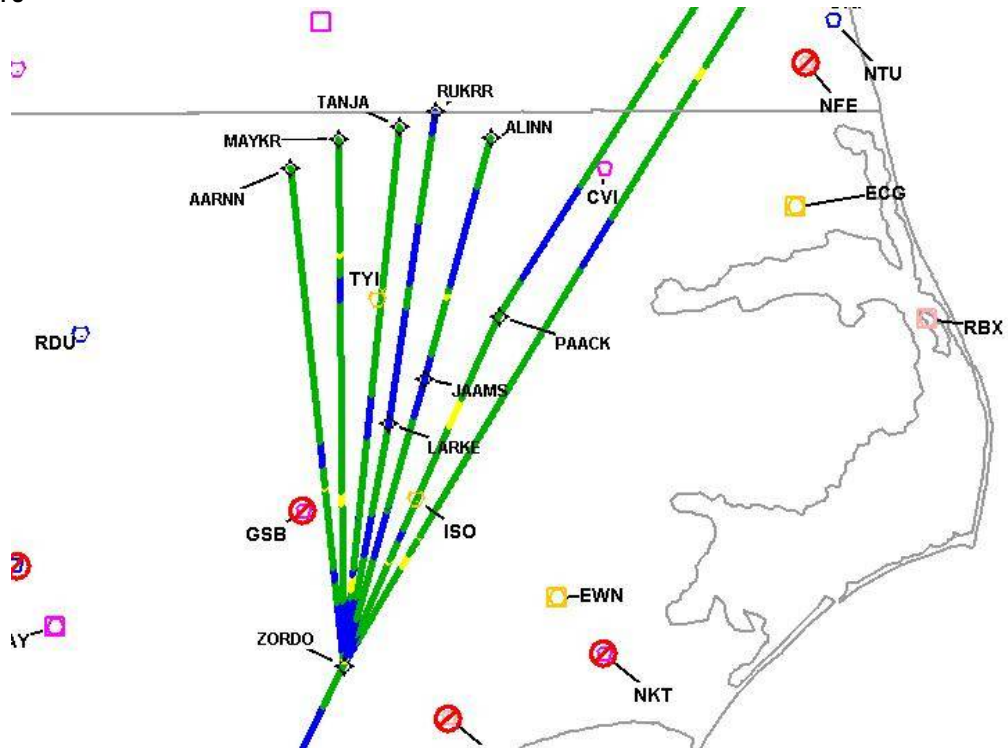
DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

Graphic Depiction 2



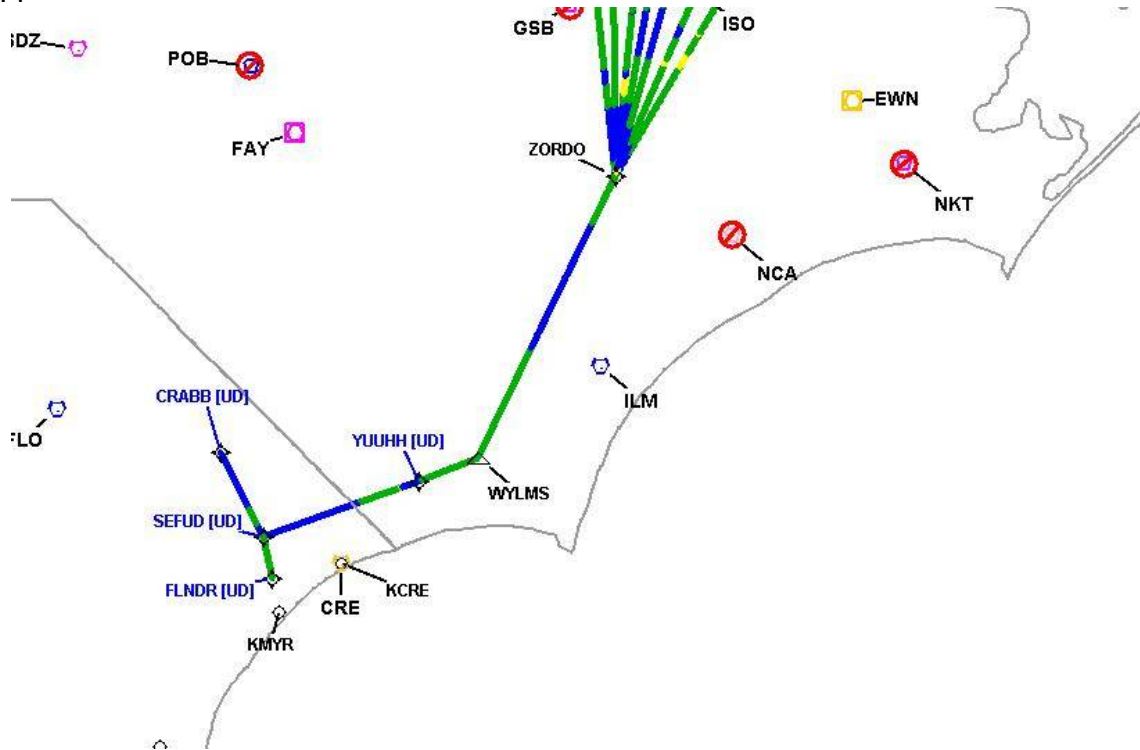
DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path SEFUD_CRABB

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\ZORDO_AARNN\KMYR SEFUD1 SID ZORDO AARNN 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
AARNN	WP	N36° 22' 43.5900", W078° 01' 04.0500"	9000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path ZORDO_AARNN

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H		NO	Enabled	13.1 %	13.1 %
2	LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	L		NO	Enabled	46.9 %	46.9 %
3	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	52.4 %	52.4 %
4	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	63.2 %	63.2 %
5	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	50.5 %	50.5 %
6	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	2.9 %	2.9 %
7	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	2.9 %	2.9 %
8	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	8.6 %	8.6 %
9	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
10	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
11	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
12	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
13	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
14	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	ILM	ISO	EWN		
0.6	EWN	ILM	ISO			
2.7						
11.4	FAY	ISO				
15.3						
17.8	RDU	ISO	FAY			
21.3	RDU	ISO				
29.3	ISO	TYI	RDU			
29.8	ISO	TYI				
32.2	ISO	TYI	ECG			
32.8	ISO	TYI				
36.5						
40.7	ISO	TYI				
45.6	ISO	TYI	ECG			
48.3	ISO	TYI	ECG	LVL		
63.3	LVL	TYI	ECG			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 54' 44.4570", W077° 49' 50.9585"	N35° 03' 25.8330", W077° 50' 56.3395"	8.7216
2	N35° 07' 18.2864", W077° 51' 25.5646"	N35° 09' 44.3978", W077° 51' 43.9584"	2.4443
3	N35° 28' 23.4192", W077° 54' 05.4473"	N35° 32' 32.4455", W077° 54' 37.0839"	4.1664

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ZORDO	AARNN	RDU, LVL, ISO, TYI, ECG, ILM, EWN, FAY	

DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

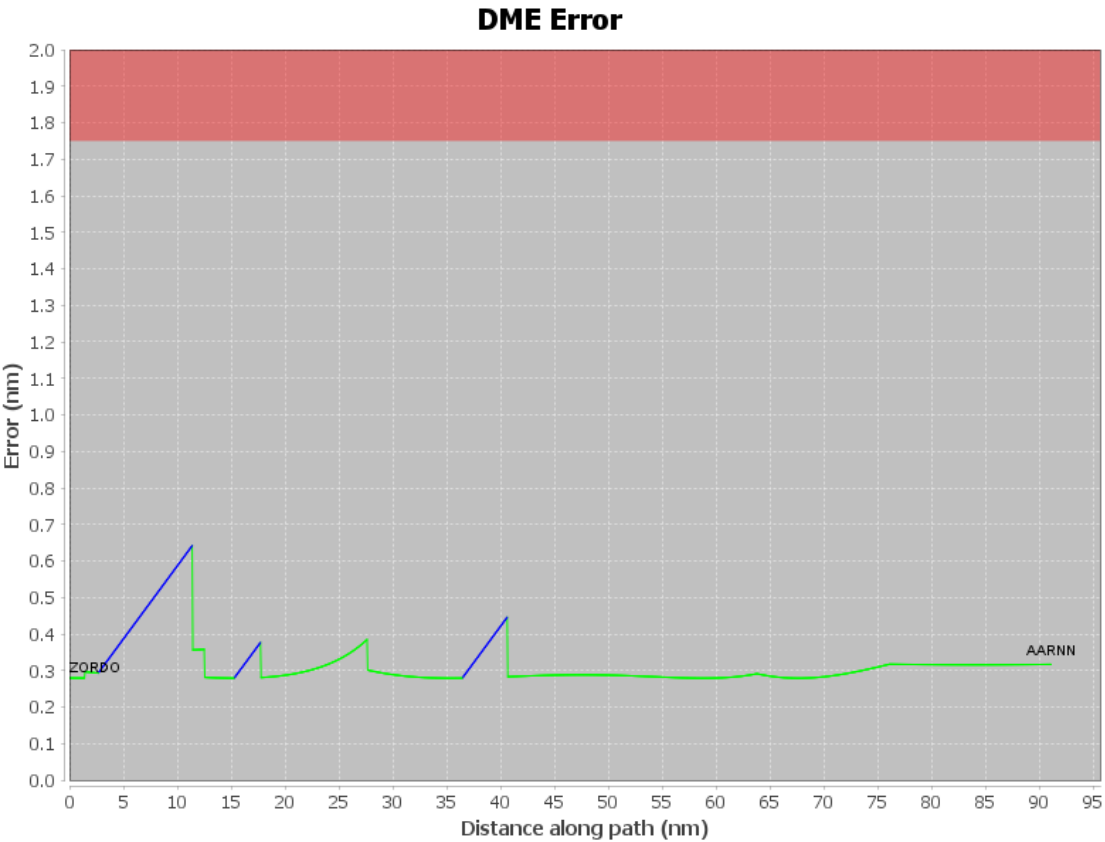
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1	New Analysis.udt
2	UserDMesKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

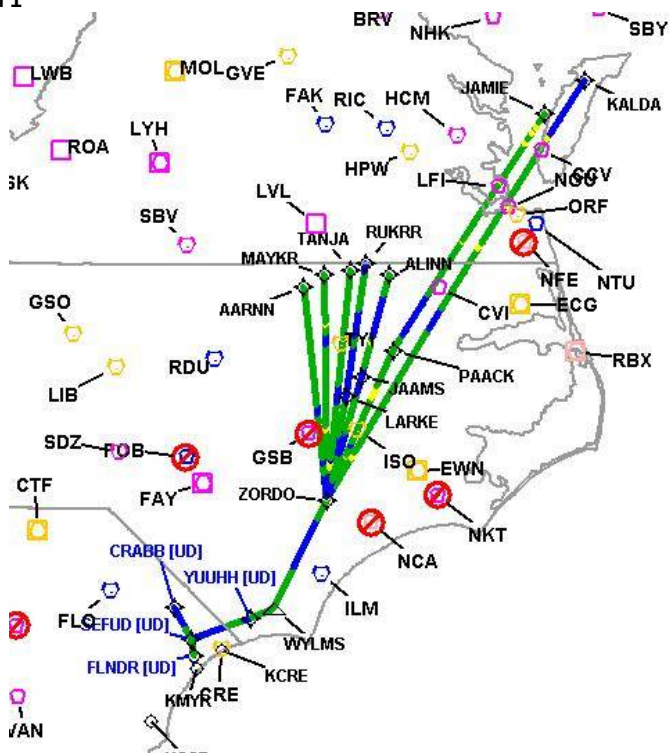
DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

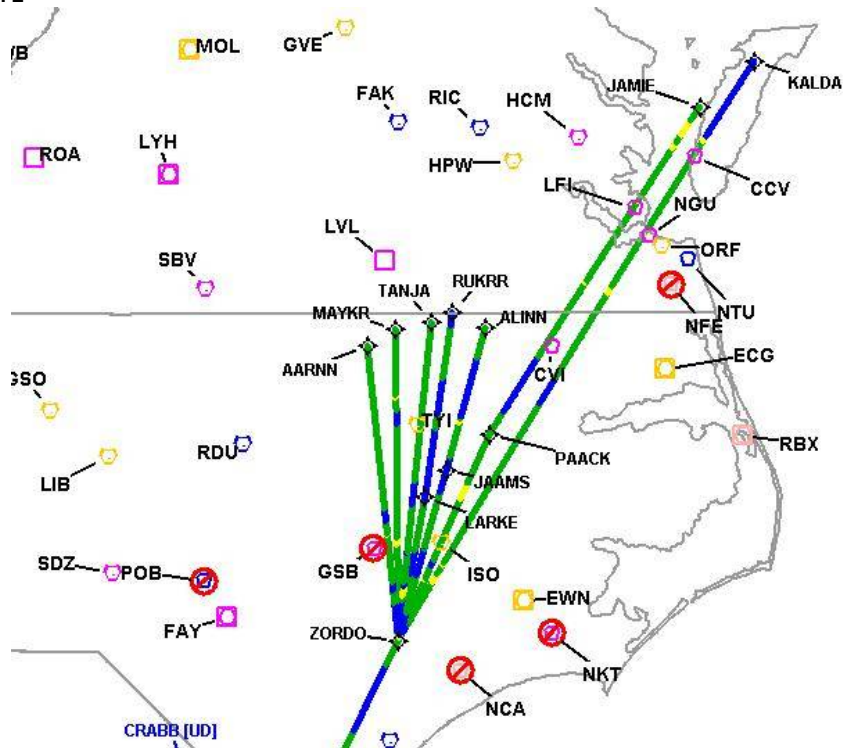


DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

Graphic Depiction 1

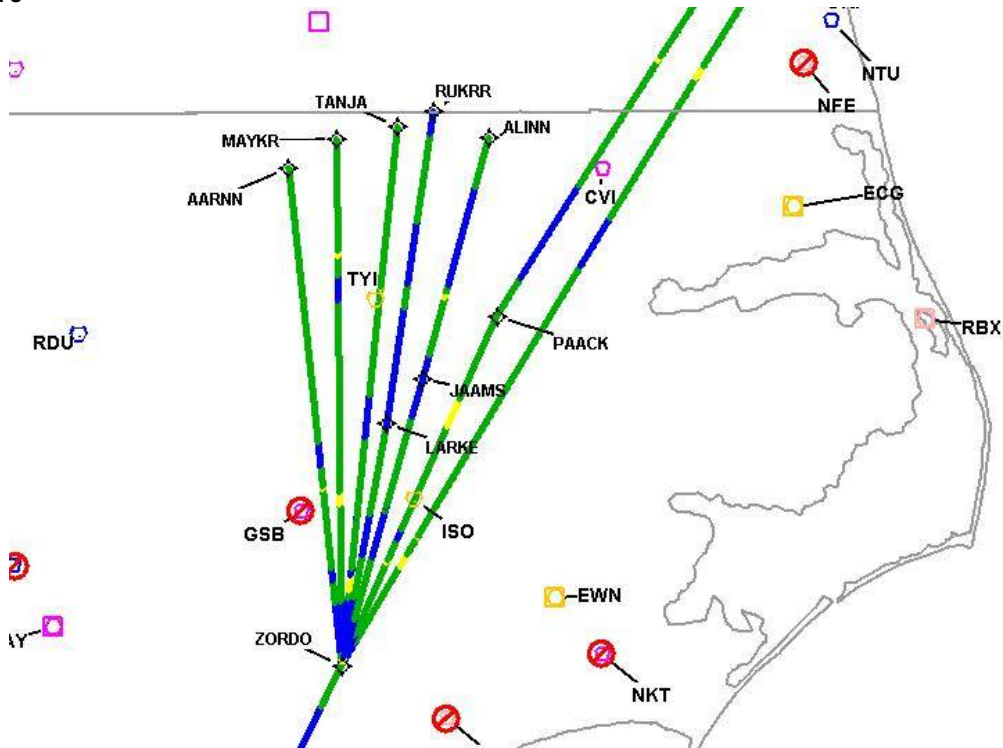


Graphic Depiction 2



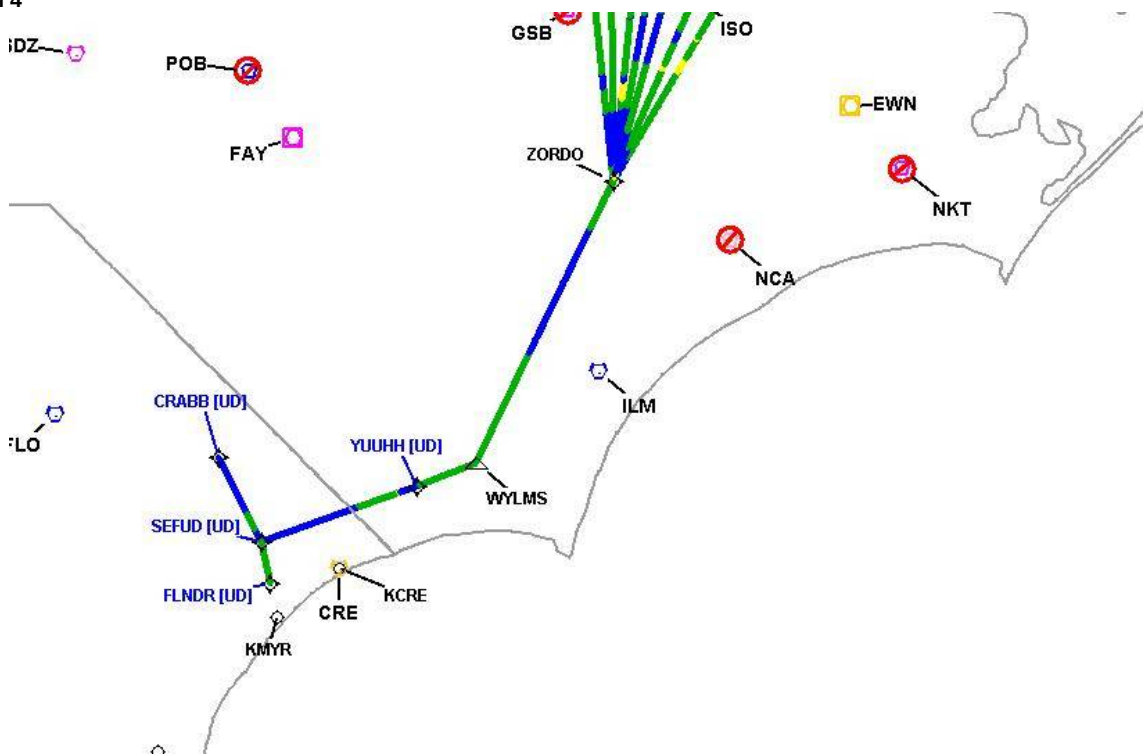
DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path ZORDO_AARNN

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\ZORDO_JAMIE\KMYR SEFUD1 SID ZORDO JAMIE 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
PAACK	WP	N35° 55' 40.2600", W077° 15' 30.9900"	7000	VNAV	200	FLY_BY	TF
JAMIE	WP	N37° 36' 20.5800", W075° 57' 48.8100"	7000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path ZORDO_JAMIE

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

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	43.2 %	43.2 %
2	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	27.7 %	27.7 %
3	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	29.3 %	29.3 %
4	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	62.7 %	62.7 %
5	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	1.7 %	1.7 %
6	LFI	N37° 05' 08.0045", W076° 21' 33.8686"	10.0 W	40	L		NO	Enabled	34.1 %	34.1 %
7	NTU	N36° 49' 27.2013", W076° 02' 13.3672"	10.0 W	130	H		NO	Enabled	16.7 %	16.7 %
8	HPW	N37° 19' 43.9320", W077° 06' 57.3970"	6.0 W	130	H		NO	Enabled	0.4 %	0.4 %
9	HCM	N37° 26' 55.1756", W076° 42' 40.8741"	7.0 W	40	L		NO	Enabled	28.8 %	28.8 %
10	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	27.5 %	27.5 %
11	CCV	N37° 20' 51.1400", W075° 59' 51.5500"	10.0 W	40	L		NO	Enabled	28 %	28 %
12	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	16.4 %	16.4 %
13	NGU	N36° 56' 24.1606", W076° 16' 38.2149"	10.0 W	40	L		NO	Enabled	40.5 %	40.5 %
14	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	5.4 %	5.4 %
15	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
16	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
17	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
18	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
19	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
20	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	ILM	ISO	EWN		
0.3	EWN	ILM	ISO			
1.1						
5.9	ILM	EWN	ISO			
8.1	EWN	ISO				
14.9	EWN	ISO	FAY			
20.2	FAY	ISO				
20.2	TYI	FAY	EWN	ISO		
20.9	TYI	FAY	ISO			
22.8	TYI	FAY				
24.9						
26.9	TYI	ECG				
37.9	EWN	ISO	ECG	TYI		
52.9	TYI	ECG	ISO			
54.0	ISO	TYI				
62.7	ISO	TYI	CVI			
72.2	CVI	TYI				
77.2						
97.0	ORF	ECG				
104.2	CVI	ECG	ORF			
104.8	CVI	ECG				
107.9	CVI	ECG	NGU			
109.3	CVI	ECG	NGU	ORF		
111.5	LFI	ECG	CVI	NGU	ORF	
141.4	LFI	ORF	NGU	ECG	HCM	CCV
148.2	NGU	CCV	ORF	NTU	HCM	ECG
176.6	HCM	ORF	ECG	NGU	CCV	
182.7	HCM	CCV	ECG	NGU	LFI	
183.9	HCM	CCV	ECG	LFI		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 52' 59.8941", W077° 48' 59.9693"	N34° 57' 29.2554", W077° 46' 37.9440"	4.8865
2	N35° 14' 55.6193", W077° 37' 23.5182"	N35° 16' 45.7189", W077° 36' 24.9278"	1.999
3	N36° 02' 24.3666", W077° 10' 26.5551"	N36° 19' 16.4957", W076° 57' 39.5084"	19.7702

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ZORDO	PAACK	ISO, TYI, CVI, ECG, ILM, EWN, FAY	
PAACK	JAMIE	ORF, HCM, ISO, TYI, CVI, CCV, ECG, NGU, LFI, NTU, HPW	

DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

User Data Files

#	File Name
1	New Analysis.udt
2	UserDMesKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

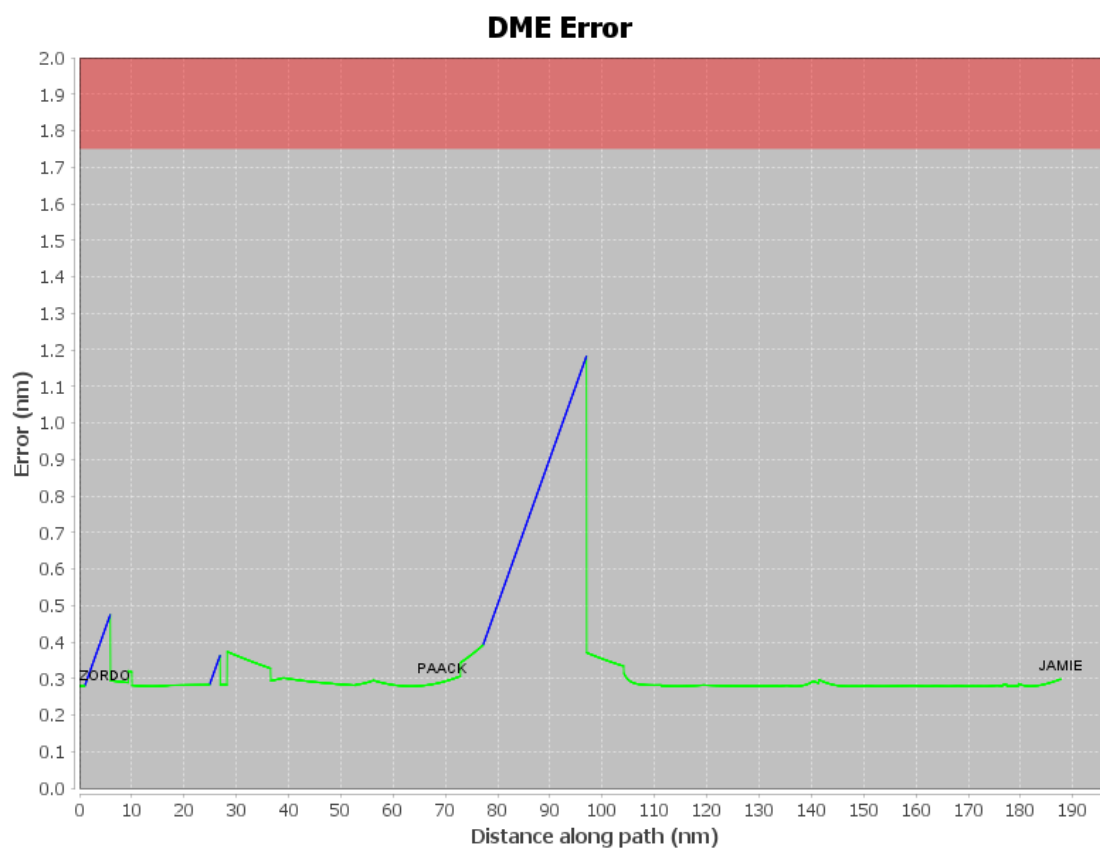
DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

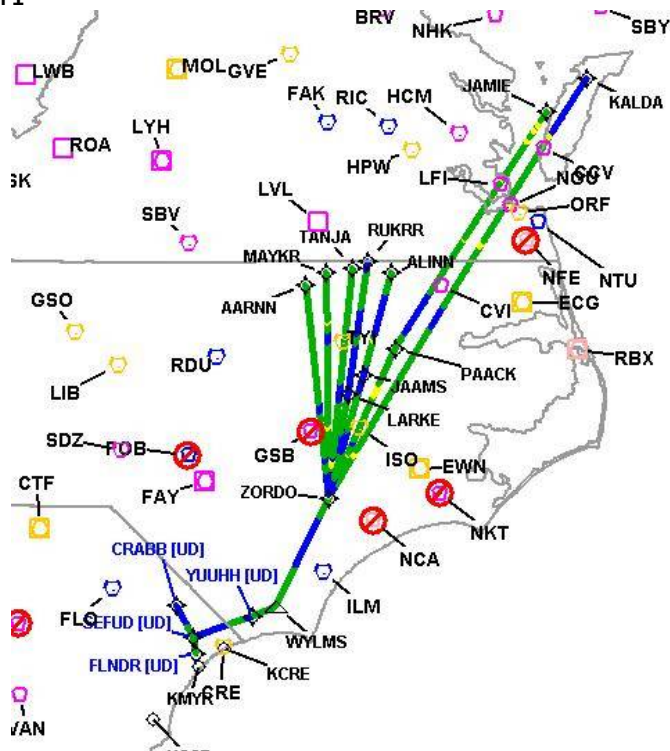
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE



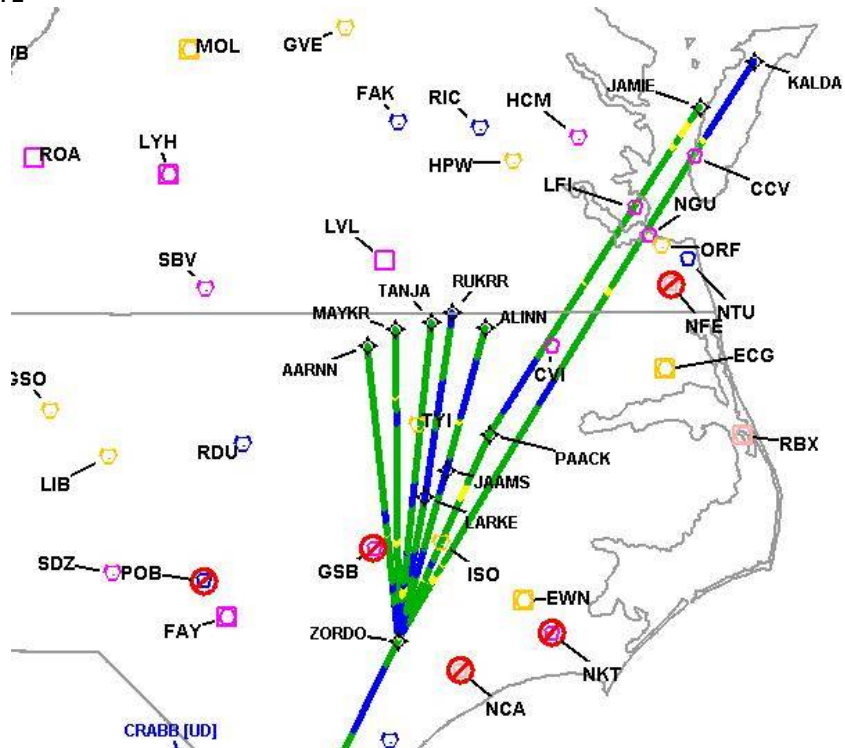
DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

Graphic Depiction 1



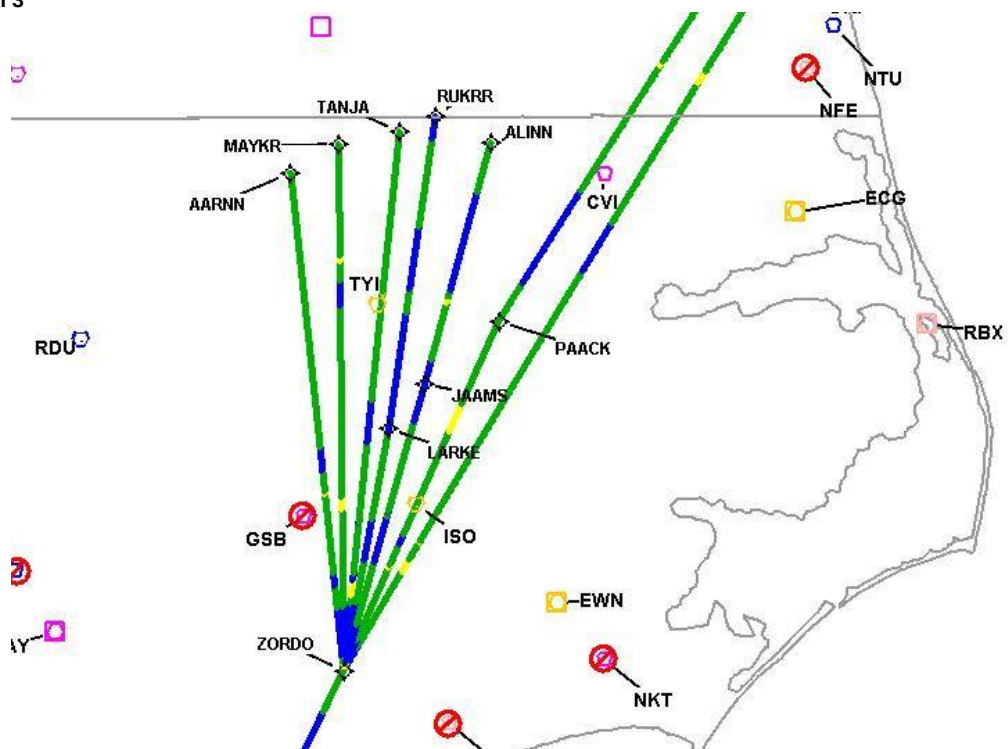
DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

Graphic Depiction 2



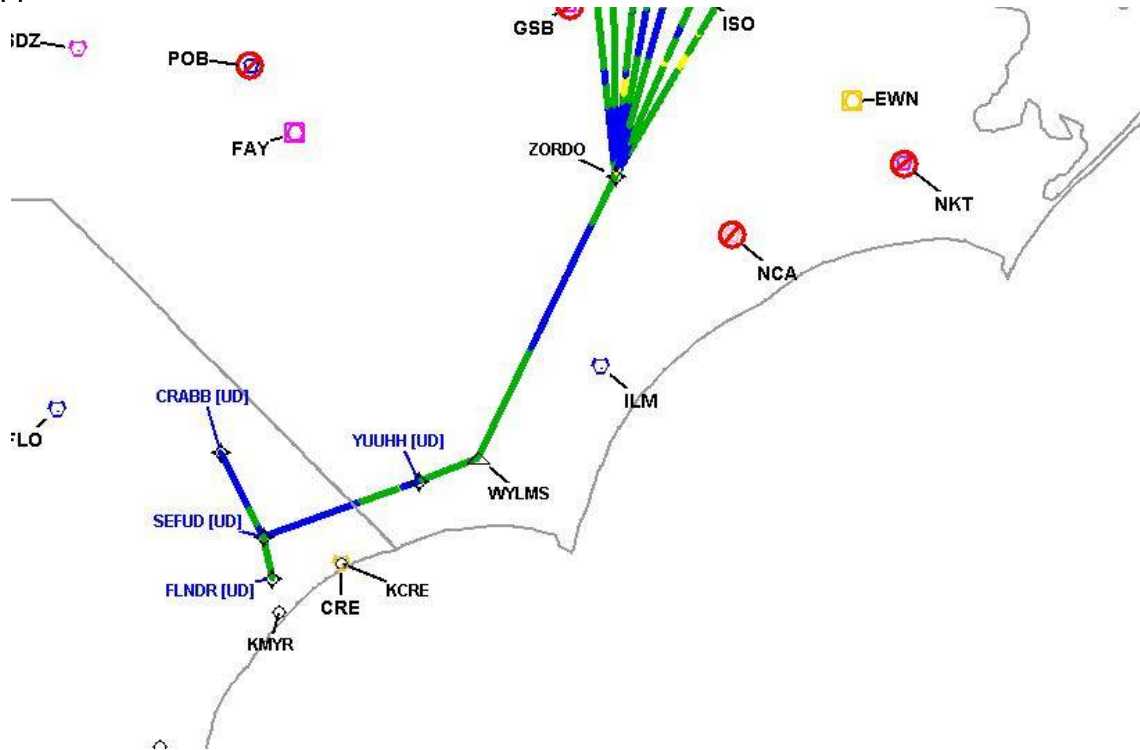
DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path ZORDO_JAMIE

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\ZORDO_KALDA\KMYR SEFUD1 SID ZORDO KALDA 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
KALDA	WP	N37° 50' 31.0600", W075° 37' 35.3400"	9000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path ZORDO_KALDA

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

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	36.9 %	36.9 %
2	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	28.6 %	28.6 %
3	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	34.3 %	34.3 %
4	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	58.6 %	58.6 %
5	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	1.9 %	1.9 %
6	LFI	N37° 05' 08.0045", W076° 21' 33.8686"	10.0 W	40	L		NO	Enabled	30.1 %	30.1 %
7	NTU	N36° 49' 27.2013", W076° 02' 13.3672"	10.0 W	130	H		NO	Enabled	16.5 %	16.5 %
8	HCM	N37° 26' 55.1756", W076° 42' 40.8741"	7.0 W	40	L		NO	Enabled	17.9 %	17.9 %
9	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	27.5 %	27.5 %
10	CCV	N37° 20' 51.1400", W075° 59' 51.5500"	10.0 W	40	L		NO	Enabled	17.9 %	17.9 %
11	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	17.7 %	17.7 %
12	NGU	N36° 56' 24.1606", W076° 16' 38.2149"	10.0 W	40	L		NO	Enabled	28.5 %	28.5 %
13	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	4.4 %	4.4 %
14	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
15	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
16	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
17	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
18	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
19	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.1	FAY	ILM	ISO	EWN		
0.2	EWN	ILM	ISO			
0.7						
4.6	ILM	EWN	ISO			
8.1	EWN	ISO				
15.2	TYI	EWN	ISO			
16.6	TYI	FAY	EWN	ISO		
20.3	TYI	FAY	ISO			
20.7	EWN	ISO	TYI	FAY		
22.2	EWN	ISO	ECG			
23.4	TYI	FAY	ISO	ECG		
27.0	EWN	ISO	ECG			
27.3	TYI	ECG				
35.7	TYI	ISO	ECG			
36.3	TYI	ISO	EWN	ECG		
54.1	ISO	TYI	ECG			
62.7	CVI	TYI	ISO	ECG		
63.3	CVI	TYI	ISO			
71.9	CVI	TYI				
84.2						
94.3	TYI	CVI				
96.5	TYI	CVI	ORF			
98.4	ORF	CVI				
98.4	ORF	CVI	ECG			
98.9	ORF	ECG				
105.7	NGU	ECG	ORF			
109.2	NGU	ECG	ORF	CVI		
112.2	NGU	ECG	LFI	ORF	CVI	
135.9	ORF	ECG	CVI	LFI	CCV	
140.3	LFI	ORF	ECG	CCV		
142.7	ECG	CCV				
143.2						
143.3	HCM	CCV				
144.5	ORF	CCV	HCM	ECG	LFI	
146.6	NTU	CCV	HCM	LFI	ECG	
148.9	NTU	CCV	HCM	ECG		
151.4	HCM	CCV	NTU	NGU	ECG	
168.7	HCM	ORF	NGU	ECG	NTU	LFI
180.5						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 52' 01.7300", W077° 49' 30.6000"	N34° 52' 07.4992", W077° 49' 26.5216"	0.1111
2	N34° 52' 36.3444", W077° 49' 06.1272"	N34° 56' 01.1173", W077° 46' 41.2129"	3.9441
3	N36° 04' 40.2783", W076° 57' 14.7953"	N36° 13' 22.2742", W076° 50' 51.6673"	10.1102
4	N36° 55' 24.0086", W076° 19' 36.8371"	N36° 55' 29.7235", W076° 19' 32.5422"	0.1111
5	N37° 27' 21.7029", W075° 55' 23.6147"	N37° 50' 31.0600", W075° 37' 35.3400"	27.1087

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ZORDO	KALDA	ORF, ISO, TYI, ECG, ILM, LFI, NTU, HCM, CVI, CCV, EWN, NGU, FAY	

DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

User Data Files

#	File Name
1	New Analysis.udt
2	UserDMesKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

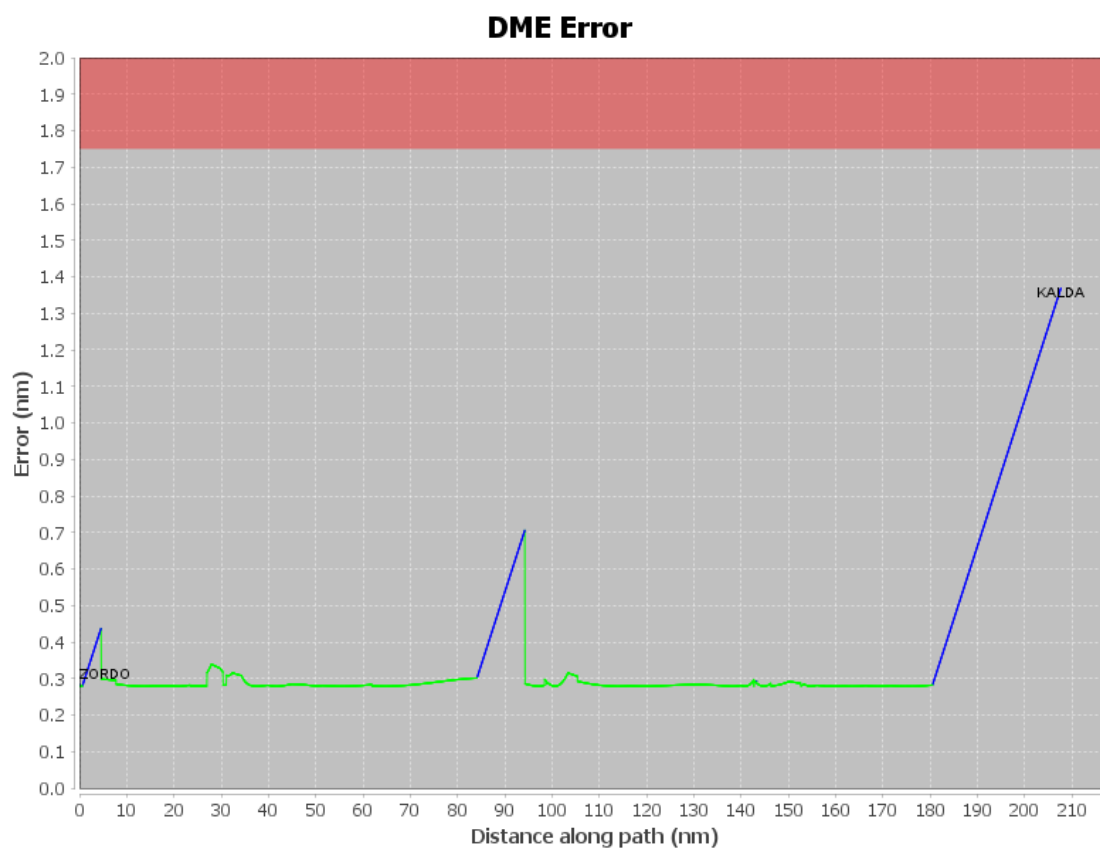
DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

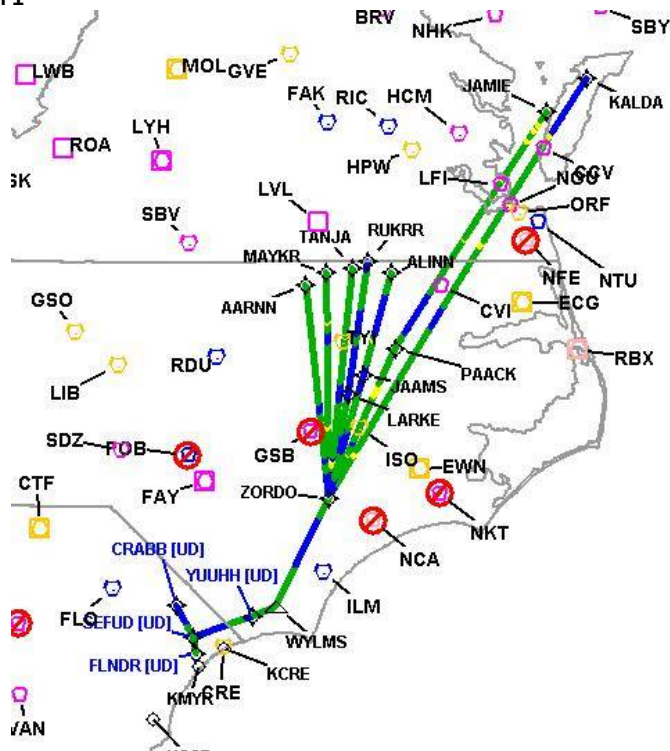
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

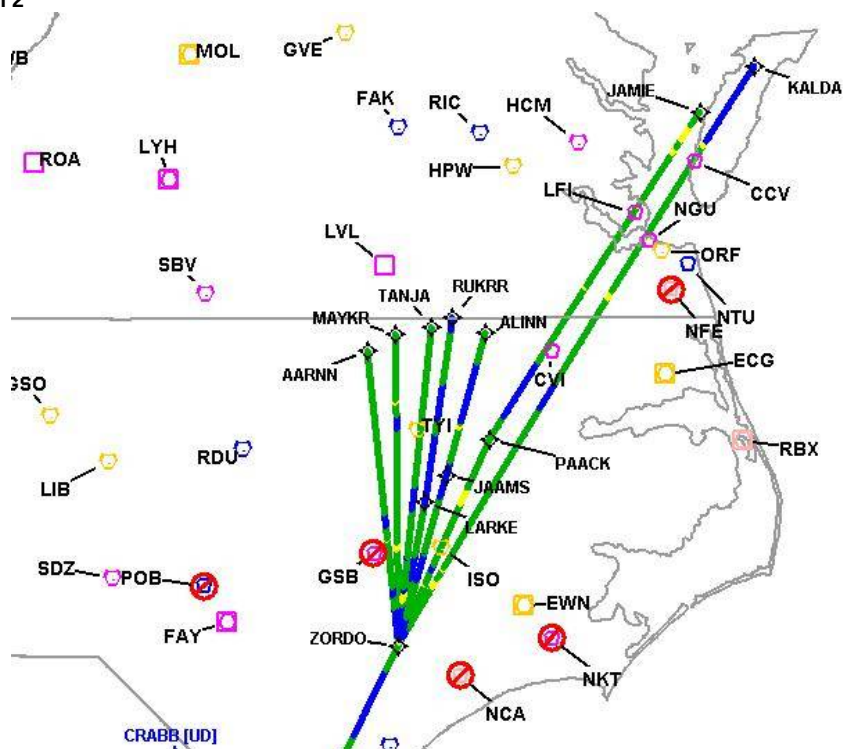


DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

Graphic Depiction 1

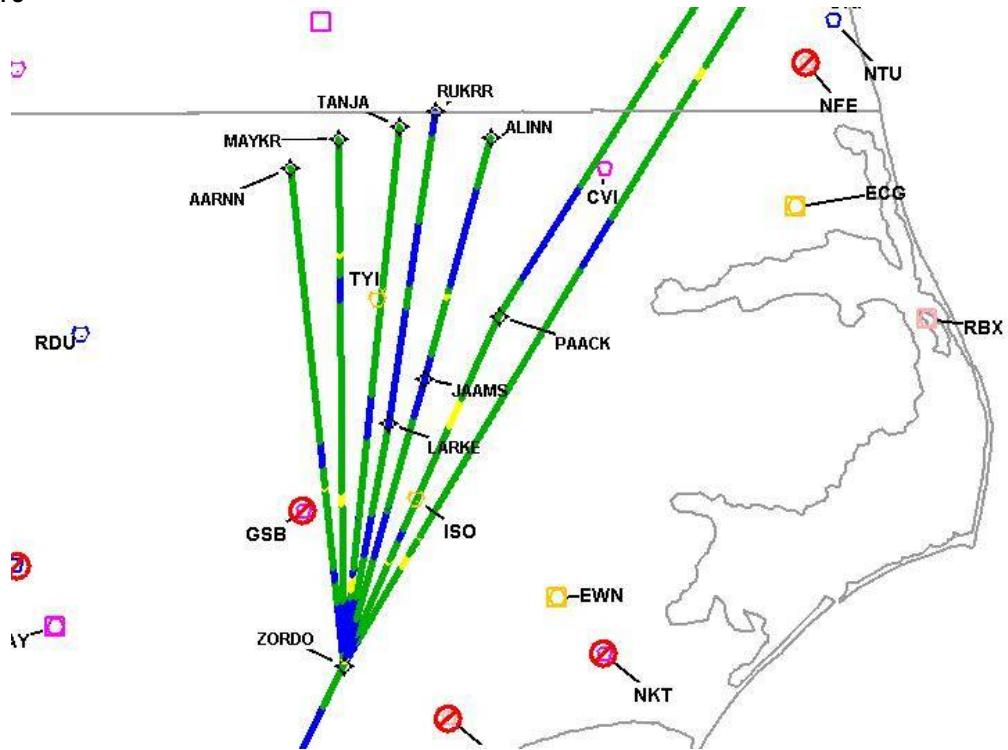


Graphic Depiction 2



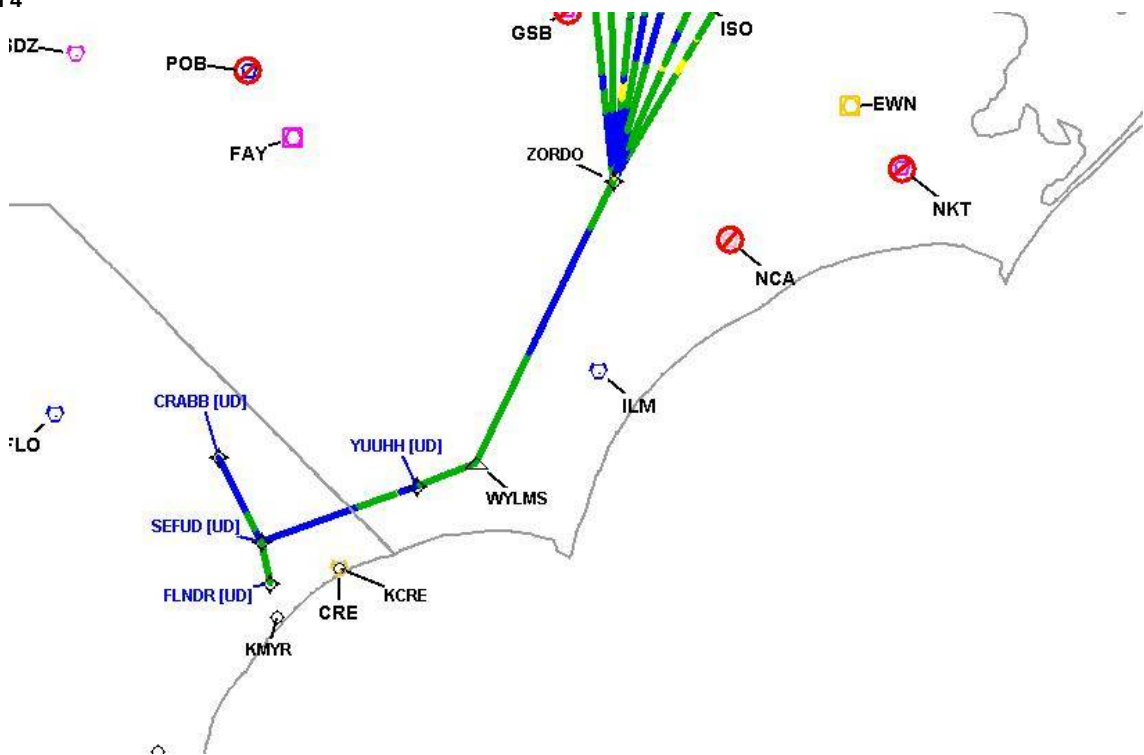
DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path ZORDO_KALDA

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\ZORDO_MAYKR\KMYR SEFUD1 SID ZORDO MAYKR 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
MAYKR	WP	N36° 27' 56.7200", W077° 50' 34.3500"	9000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path ZORDO_MAYKR

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H		NO	Enabled	13.2 %	13.2 %
2	LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	L		NO	Enabled	31.4 %	31.4 %
3	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	59.3 %	59.3 %
4	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	63.3 %	63.3 %
5	SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	L		NO	Enabled	1.9 %	1.9 %
6	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	53.1 %	53.1 %
7	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	2.4 %	2.4 %
8	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	2.4 %	2.4 %
9	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	11.1 %	11.1 %
10	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
11	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
12	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
13	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
14	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
15	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	ILM	ISO	EWN		
0.9	EWN	ILM	ISO			
2.4						
11.6	FAY	ISO				
15.6	RDU	ISO	FAY			
21.4	RDU	ISO				
27.9	ISO	TYI	RDU			
28.2	ISO	TYI				
29.3	ISO	TYI	ECG			
31.5	ISO	TYI				
33.8	ISO	TYI	ECG			
39.4	ISO	TYI				
47.9	ISO	ECG	TYI			
54.7	ISO	ECG	LVL	TYI		
64.8	ISO	ECG	LVL			
65.6	ISO	ECG				
66.1						
70.7	TYI	ECG				
73.6	TYI	ECG	SBV			
74.3	LVL	ECG	SBV	TYI		
75.4	TYI	ECG				
77.6	LVL	ECG	TYI			
94.5	LVL	ECG				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 54' 25.2896", W077° 49' 32.1596"	N35° 03' 39.4875", W077° 49' 38.1947"	9.2221
2	N35° 58' 14.3067", W077° 50' 14.3303"	N36° 02' 48.0203", W077° 50' 17.3882"	4.5555

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ZORDO	MAYKR	RDU, LVL, ISO, TYI, SBV, ECG, ILM, EWN, FAY	

DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

User Data Files

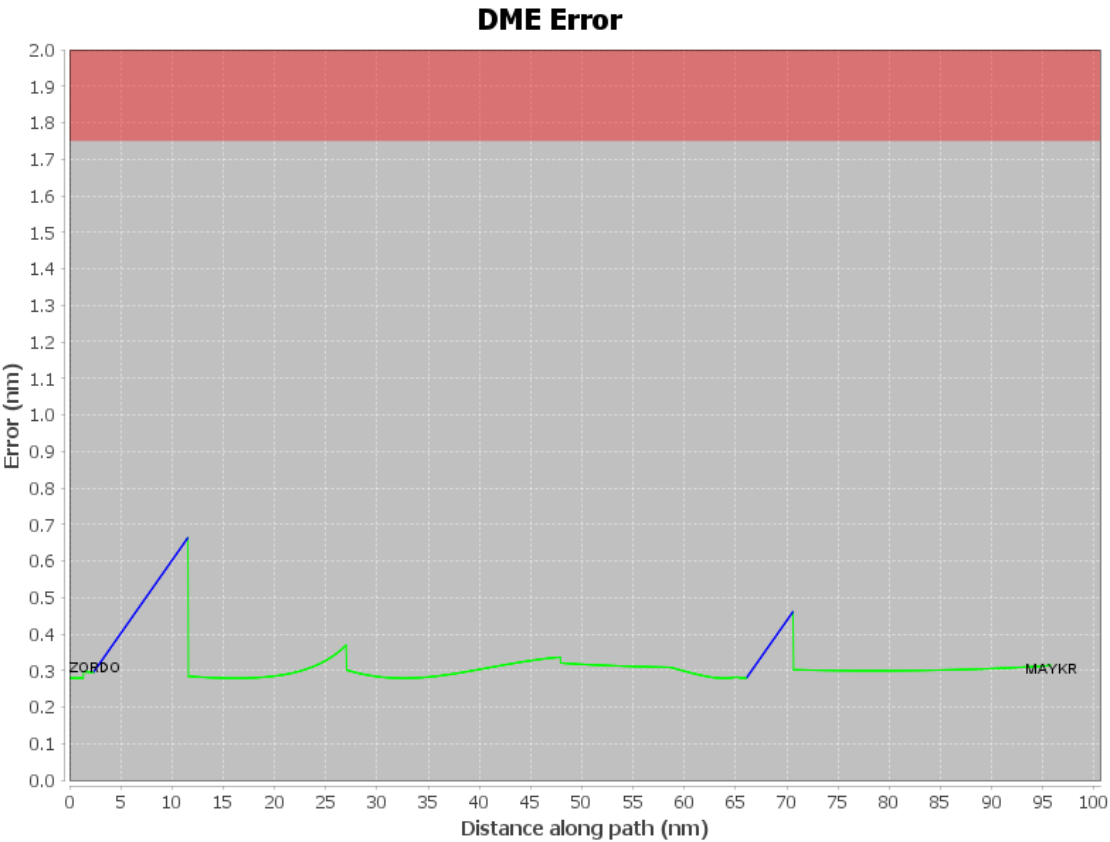
#	File Name
1	New Analysis.udt
2	UserDMESKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

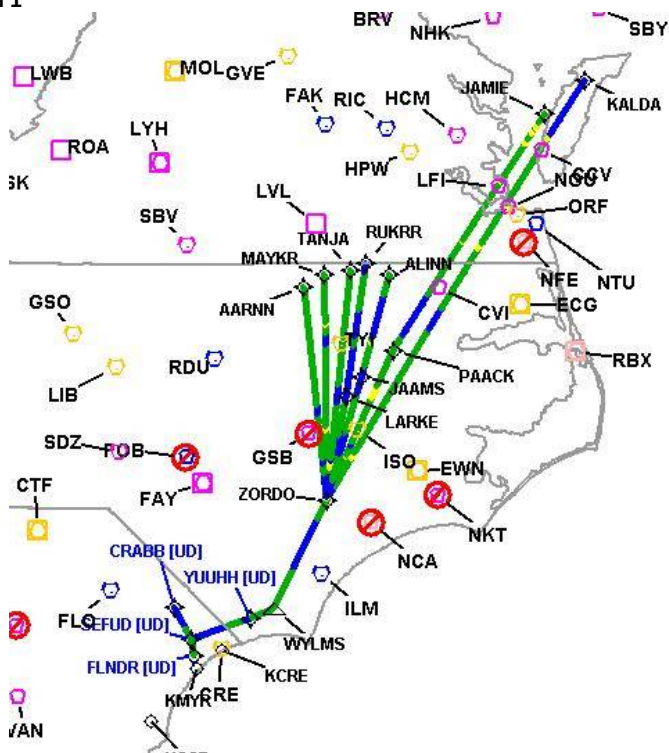
DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

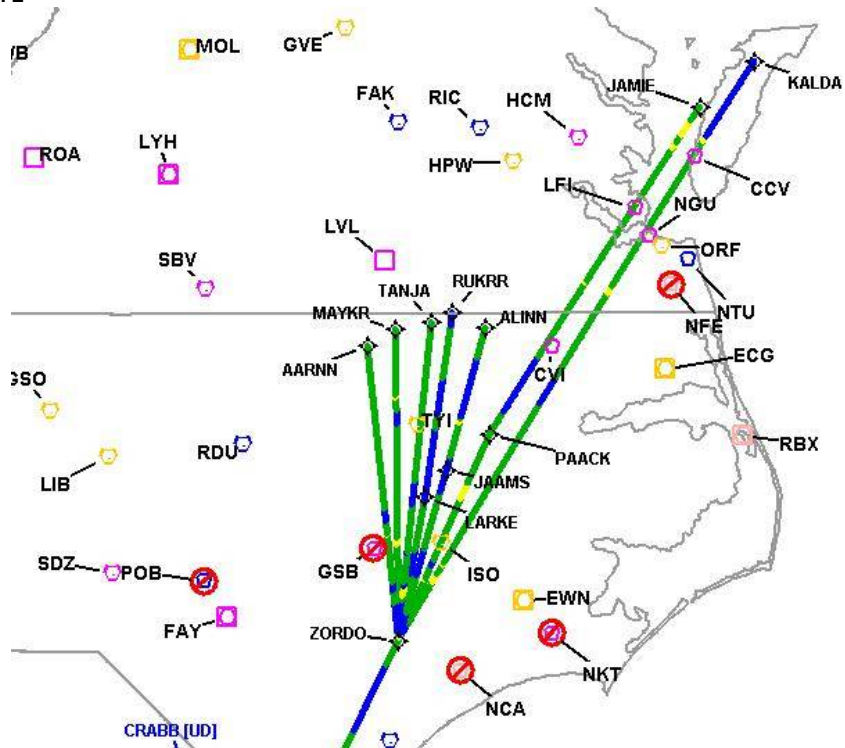


DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

Graphic Depiction 1

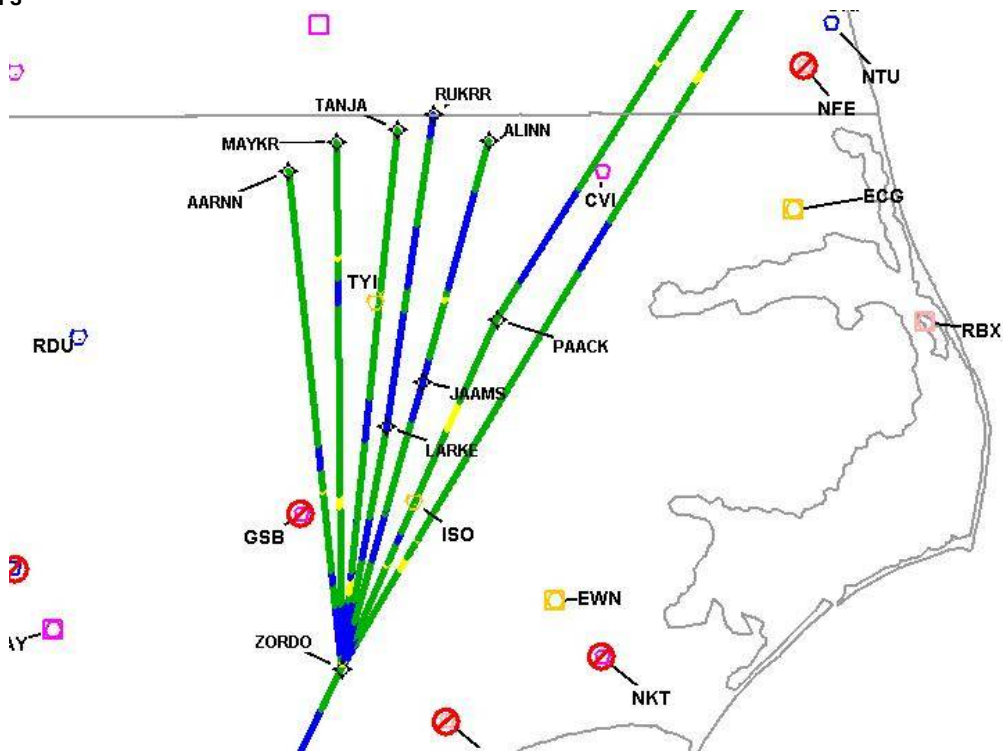


Graphic Depiction 2



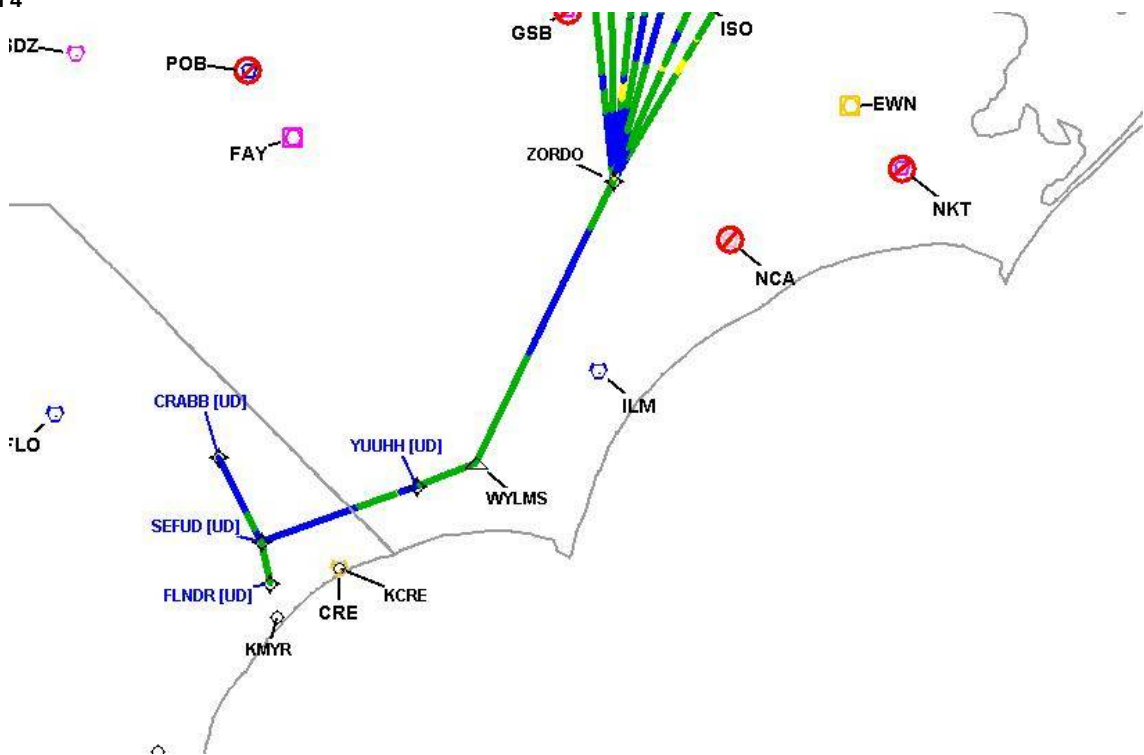
DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path ZORDO_MAYKR

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\ZORDO_RUKRR\KMYR SEFUD1 SID ZORDO RUKRR 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
LARKE	WP	N35° 36' 16.6300", W077° 39' 33.5900"	7000	VNAV	200	FLY_BY	TF
RUKRR	WP	N36° 33' 00.4700", W077° 29' 22.4300"	7000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path ZORDO_RUKRR

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	L		NO	Enabled	12.7 %	12.7 %
2	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	28.9 %	28.9 %
3	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	28 %	28 %
4	SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	L		NO	Enabled	4.1 %	4.1 %
5	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	19.2 %	19.2 %
6	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	20.2 %	20.2 %
7	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	1.7 %	1.7 %
8	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	9.3 %	9.3 %
9	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	5.7 %	5.7 %
10	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
11	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
12	NFE	N36° 41' 32.6652", W076° 08' 09.3264"	10.0 W	25	T	IFPA	NO	Disabled		
13	NKT	N34° 54' 08.1518", W076° 52' 29.2617"	9.0 W	40	L	IFPA	NO	Disabled		
14	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
15	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	ILM	ISO	EWN		
1.4	EWN	ILM	ISO			
1.8						
12.5	EWN	ISO				
12.8	EWN	ISO	FAY			
17.3	EWN	ISO				
20.4						
27.9	ISO	TYI				
33.0	ISO	TYI	ECG			
43.8						
66.0	SBV	ISO				
66.4	SBV	CVI	ISO			
69.4	ISO	TYI	CVI	SBV		
69.9	ISO	TYI	SBV			
70.2						
81.6	CVI	TYI				
84.9	LVL	CVI	TYI			
87.9	TYI	ECG	LVL	CVI		
93.6	LVL	CVI	ECG			
97.8	LVL	ECG				
98.0						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 53' 46.7662", W077° 49' 07.1891"	N35° 04' 20.2282", W077° 46' 45.6402"	10.7174
2	N35° 12' 06.2575", W077° 45' 01.1069"	N35° 19' 29.2810", W077° 43' 21.4186"	7.4966
3	N35° 35' 07.7287", W077° 39' 49.2248"	N35° 57' 11.3607", W077° 35' 50.0306"	22.2679
4	N36° 01' 22.2841", W077° 35' 05.0833"	N36° 12' 35.7778", W077° 33' 04.0427"	11.3274
5	N36° 28' 49.6047", W077° 30' 07.9853"	N36° 33' 00.4700", W077° 29' 22.4300"	4.22

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ZORDO	LARKE	ISO, TYI, ECG, ILM, EWN, FAY	
LARKE	RUKRR	LVL, ISO, TYI, SBV, CVI, ECG	

DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

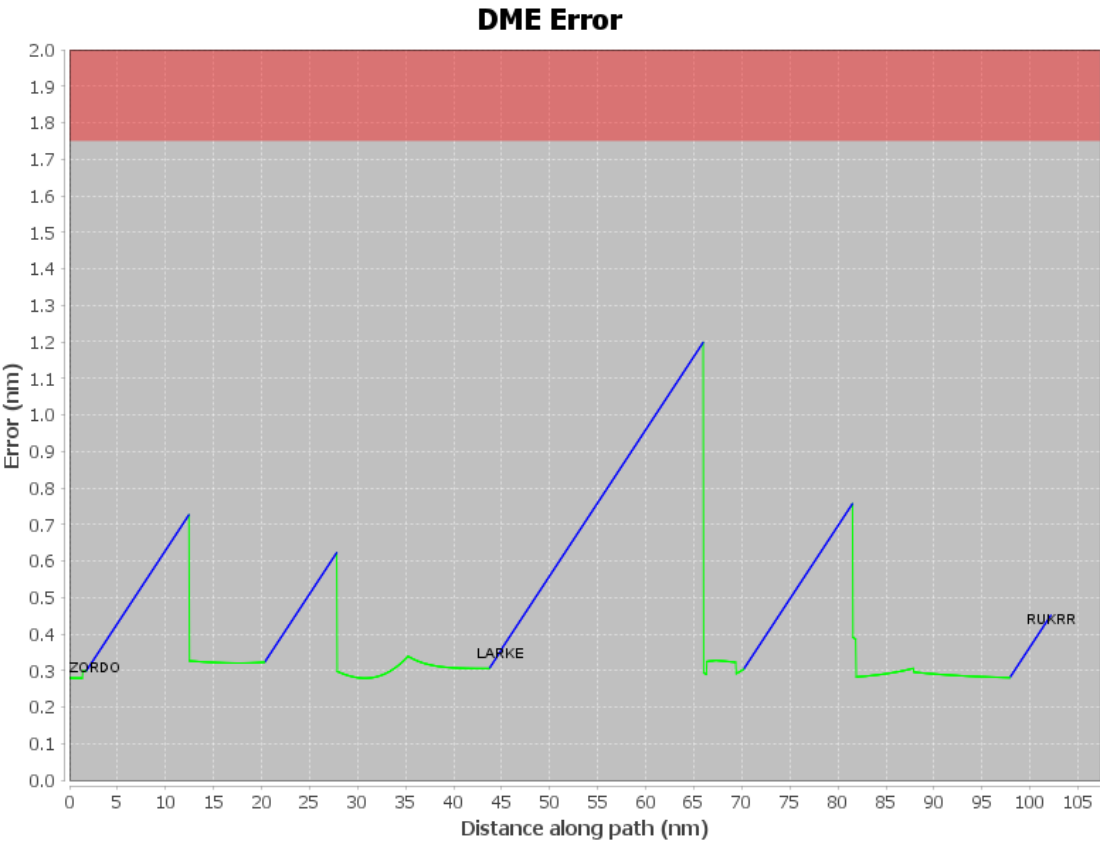
User Data Files

DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

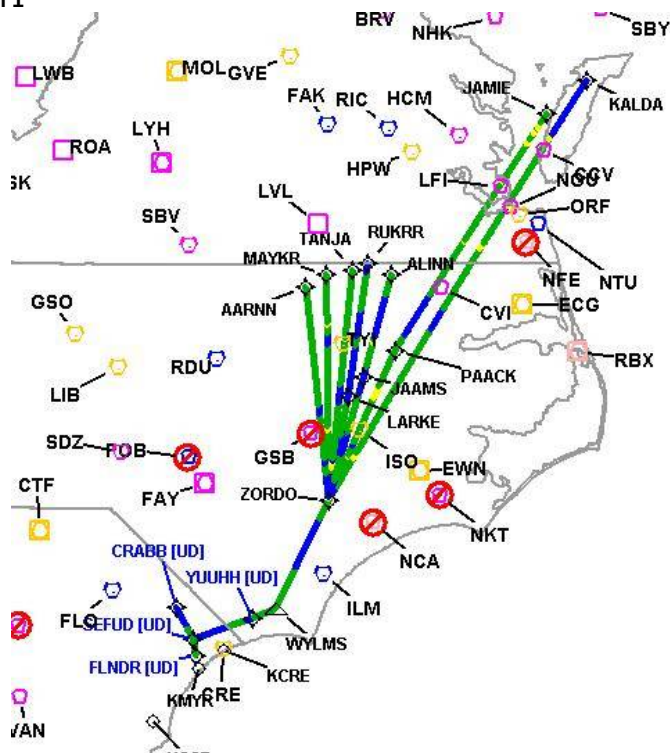
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

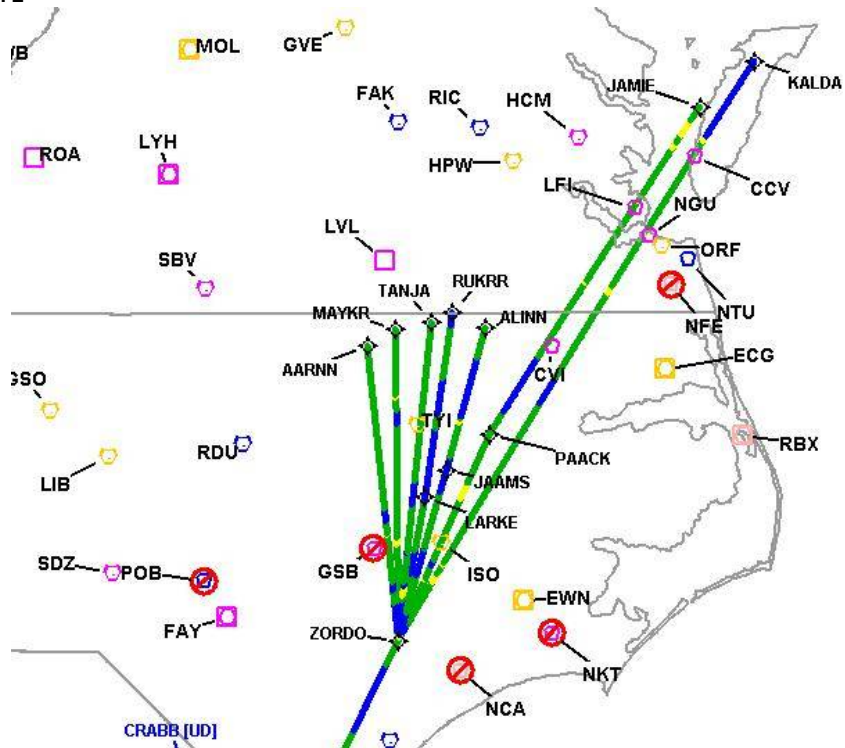
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		



Graphic Depiction 1

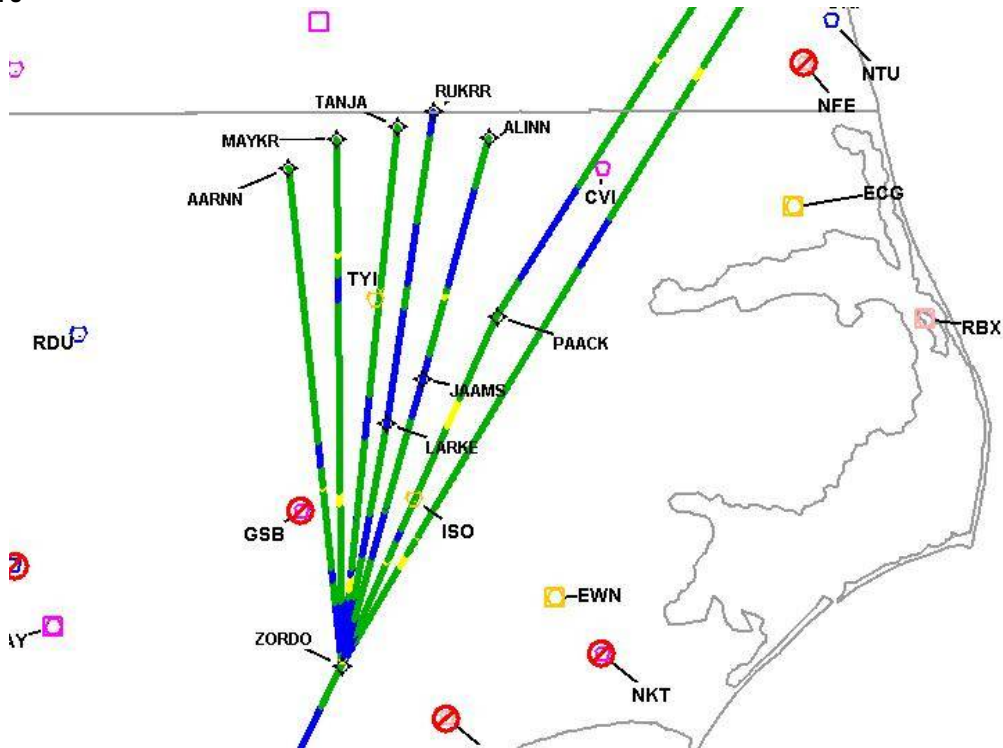


Graphic Depiction 2



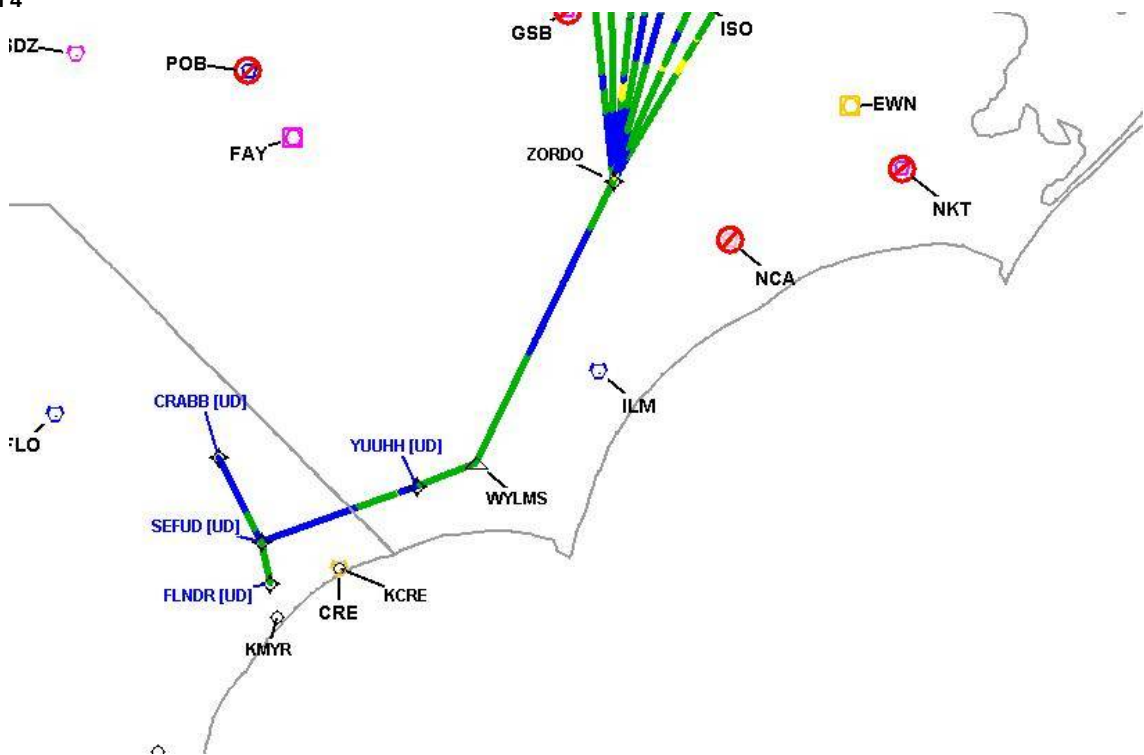
DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path ZORDO_RUKRR

Graphic Depiction 4



DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	David C-CTR Cook
Project File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR SEFUD1 (RNAV) SID_DME-DME 20251120.tgs
Output File:	C:\Users\David C-CTR Cook\Documents\TARGETS WORK\DME-DME WORK\10-29-2026 PUBLICATION\KMYR SEFUD1 (RNAV) SID\KMYR [IFPA] SEFUD1 20251210_1002 EST\ZORDO_TANJA\KMYR SEFUD1 SID ZORDO TANJA 20251210_1002 EST.pdf
Procedure Name:	SEFUD1
Software: DmeDmePlugin:	7.6.0
Date/Time:	12/10/2025 10:02 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
ZORDO	WP	N34° 52' 01.7300", W077° 49' 30.6000"	7000	VNAV	200	FLY_BY	TF
TANJA	WP	N36° 30' 08.7900", W077° 37' 16.5500"	9000	VNAV	200	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KMYR [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	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 SEFUD1 path ZORDO_TANJA

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:	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:	GSB,NCA,NFE,NKT,POB,SSC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	H		NO	Enabled	12.2 %	12.2 %
2	LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	L		NO	Enabled	17.7 %	17.7 %
3	ISO	N35° 22' 15.4111", W077° 33' 29.9348"	5.0 W	40	L		NO	Enabled	50.4 %	50.4 %
4	TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	H		NO	Enabled	50.9 %	50.9 %
5	SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	L		NO	Enabled	3.4 %	3.4 %
6	CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	L		NO	Enabled	0.2 %	0.2 %
7	ECG	N36° 15' 27.2631", W076° 10' 32.1519"	7.0 W	130	DH		NO	Enabled	62 %	62 %
8	ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	H		NO	Enabled	2 %	2 %
9	EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	L		NO	Enabled	4.9 %	4.9 %
10	FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	L		NO	Enabled	9.8 %	9.8 %
11	GSB	N35° 20' 06.7130", W077° 58' 16.7418"	8.0 W	40	L	IFPA	NO	Disabled		
12	NCA	N34° 42' 25.7099", W077° 26' 25.0855"	8.0 W	25	T	IFPA	NO	Disabled		
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	POB	N35° 10' 06.3200", W079° 01' 10.4600"	7.0 W	130	H	IFPA	NO	Disabled		
16	SSC	N33° 58' 40.2800", W080° 27' 58.4800"	8.0 W	40	L	IFPA	NO	Disabled		

DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	FAY	ILM	ISO	EWN		
1.3	EWN	ILM	ISO			
2.1						
12.2	FAY	ISO				
13.6	RDU	ISO	EWN	FAY		
16.4						
17.6	RDU	ISO	FAY			
21.8	RDU	ISO				
26.9						
27.1	ISO	TYI				
29.7	ISO	TYI	ECG			
41.6						
49.3	ISO	ECG	TYI			
62.9	ISO	ECG				
68.4	ISO	ECG	SBV			
68.8	ISO	ECG	CVI	SBV		
69.1	SBV	ECG				
71.5	SBV	TYI	ECG			
71.9	TYI	ECG				
81.0	TYI	ECG	LVL			
93.7	LVL	ECG				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N34° 54' 04.6134", W077° 49' 15.5827"	N35° 04' 12.3704", W077° 48' 01.1244"	10.1642
2	N35° 08' 24.7635", W077° 47' 30.1117"	N35° 09' 34.5028", W077° 47' 21.5330"	1.1664
3	N35° 18' 52.4030", W077° 46' 12.7568"	N35° 19' 02.3653", W077° 46' 11.5263"	0.1666
4	N35° 33' 29.0524", W077° 44' 24.1477"	N35° 41' 07.2759", W077° 43' 27.1132"	7.6648

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ZORDO	TANJA	RDU, LVL, ISO, TYI, SBV, CVI, ECG, ILM, EWN, FAY	

DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

User Data Files

#	File Name
1	New Analysis.udt
2	UserDMesKMYR [IFPA] SEFUD1 SID_20251023_0810 EDT.udt

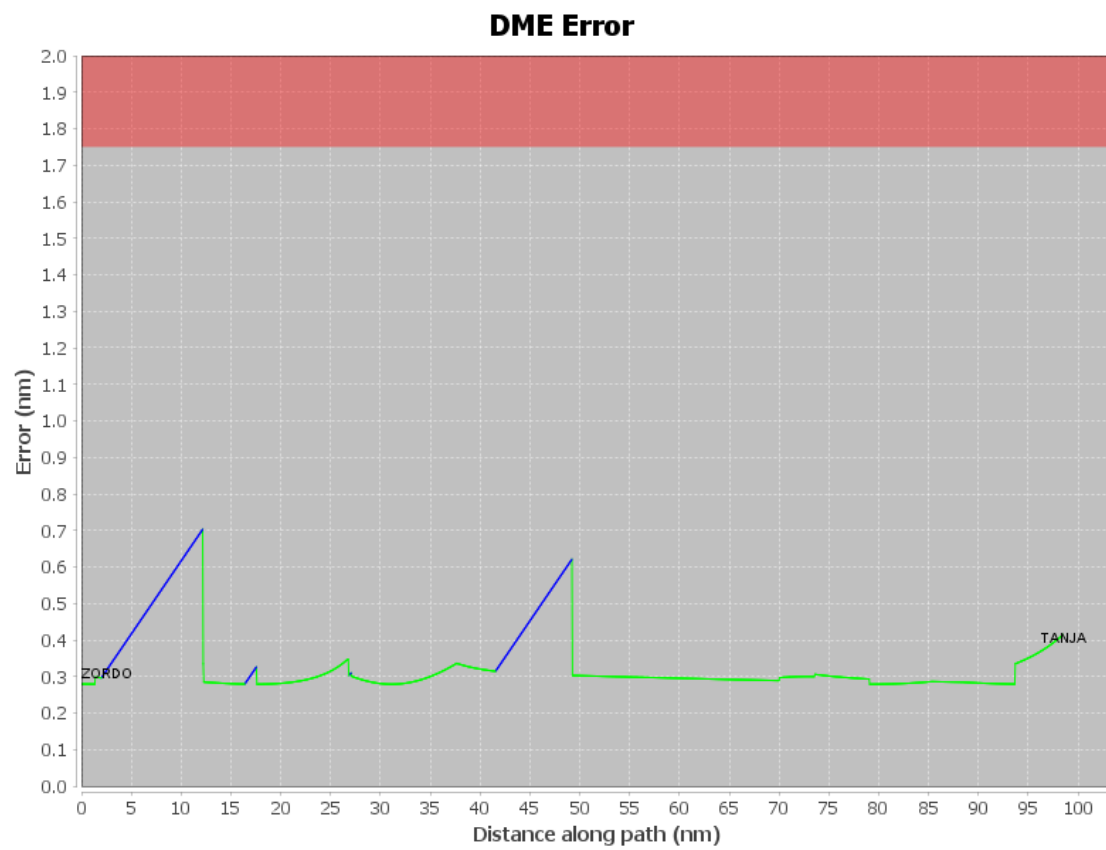
DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
2	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
3	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
4	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
5	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
6	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		
7	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
8	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
9	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
10	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		
11	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
12	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
13	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
14	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
15	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
16	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
17	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	

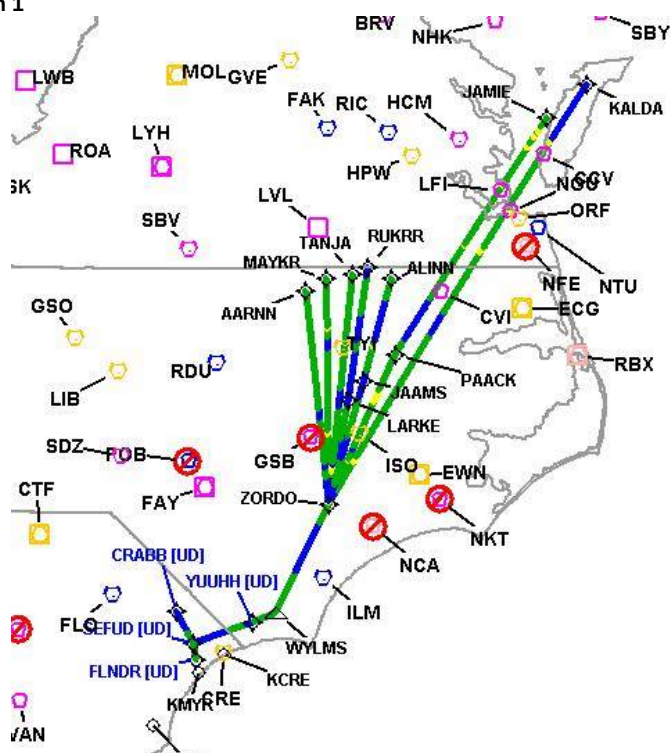
DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
	ESV:	Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		

DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

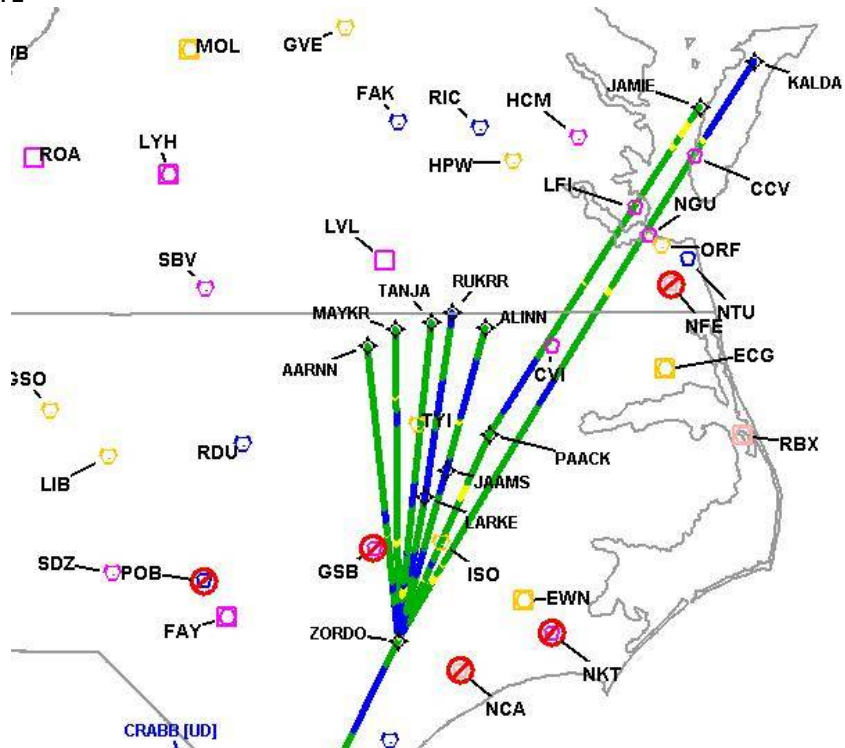


Graphic Depiction 1



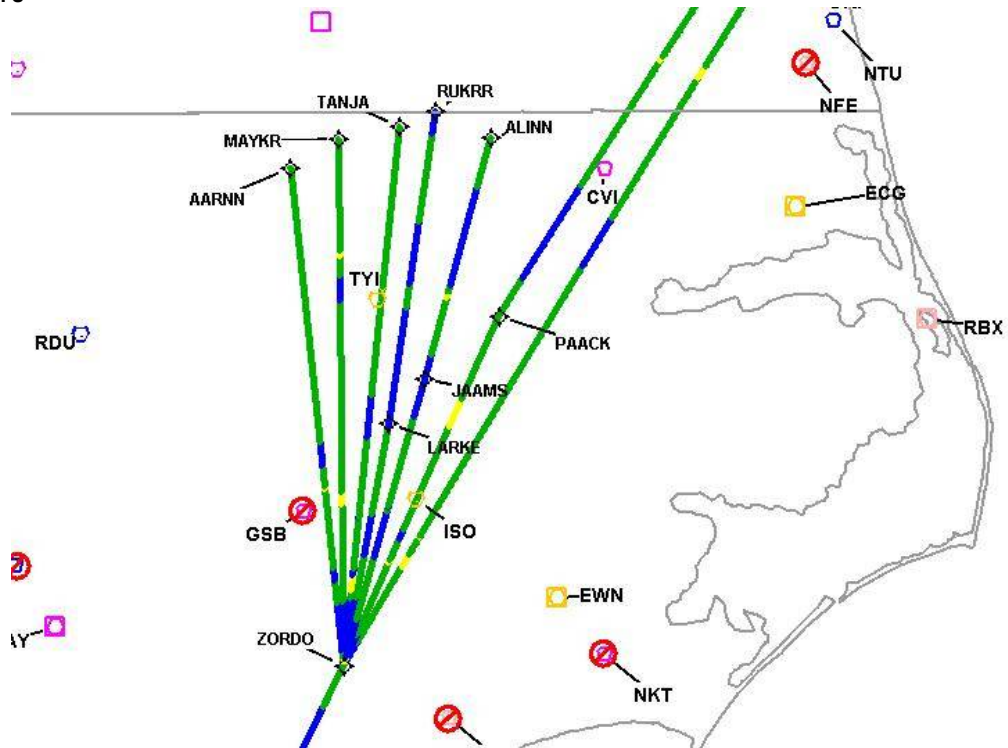
DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

Graphic Depiction 2



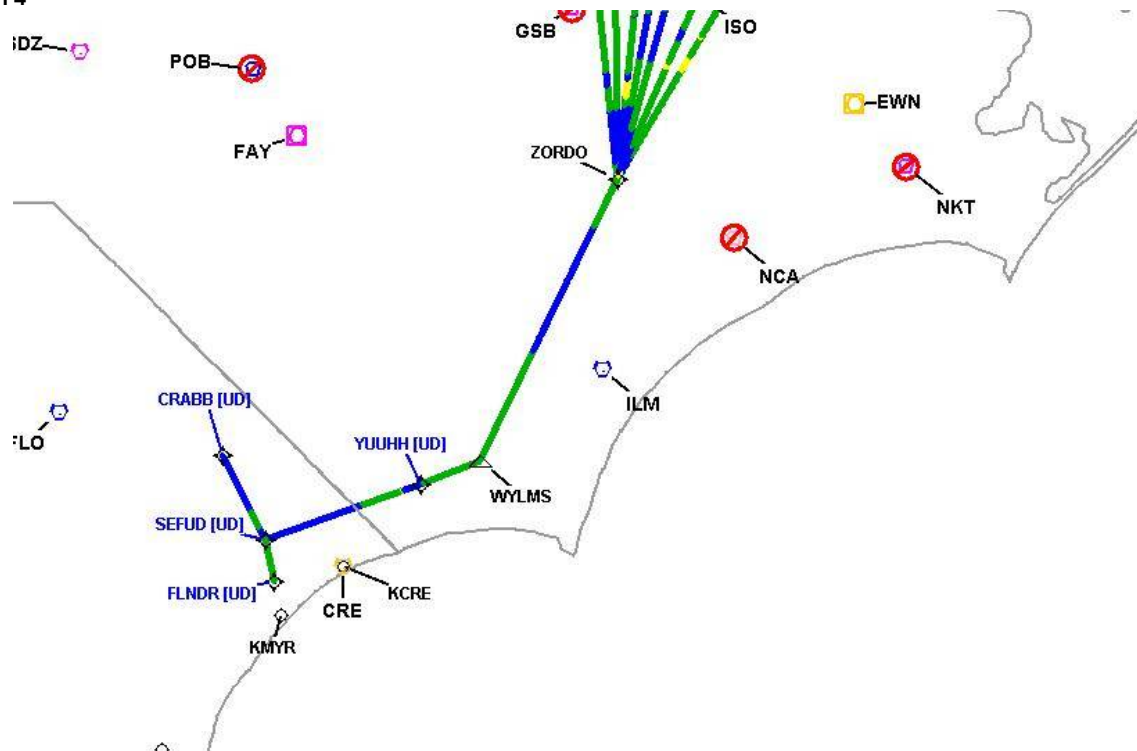
DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

Graphic Depiction 3



DME DME Assessment Results for SEFUD1 path ZORDO_TANJA

Graphic Depiction 4



DME ESVs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	CRE CRE	N33° 48' 49.8274", W078° 43' 28.2796"	3.0 W	130	26.4	114.4	CRE	
Restriction:		Bearing [True]: 293.0° to 332.0° Bearing [Mag]: 296.0° to 335.0°				Distance: All Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 36.0° to 48.0° Bearing [Mag]: 39.0° to 51.0°				Arc Distance: Out to 48.0 NM Altitude: 4900.0 to 14600.0 ft		
2	CVI CVI	N36° 22' 22.4900", W076° 52' 17.5610"	9.0 W	40	65	114.6	CVI	
Restriction:		Bearing [True]: 111.0° to 171.0° Bearing [Mag]: 120.0° to 180.0°				Distance: Beyond 25.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 171.0° to 111.0° Bearing [Mag]: 180.0° to 120.0°				Distance: Beyond 25.0 NM Altitude: Below 3000.0 ft		
ESV:		Bearing [True]: 231.0° to 242.0° Bearing [Mag]: 240.0° to 251.0°				Arc Distance: Out to 46.0 NM Altitude: 6900.0 to 18100.0 ft		
3	EWN EWN	N35° 04' 23.3090", W077° 02' 42.2369"	8.0 W	40	15.9	113.6	EWN	
Restriction:		Bearing [True]: 347.0° to 357.0° Bearing [Mag]: 355.0° to 5.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 283.0° to 312.0° Bearing [Mag]: 291.0° to 320.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 101.0° to 110.0° Bearing [Mag]: 109.0° to 118.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 248.0° to 257.0° Bearing [Mag]: 256.0° to 265.0°				Arc Distance: Out to 45.0 NM Altitude: 6800.0 to 18100.0 ft		
4	ESV FAY [IFPA] FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	ESV FAY [IFPA]	
Restriction:		Bearing [True]: 86.0° to 96.0° Bearing [Mag]: 90.0° to 100.0°				Distance: All Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 177.0° to 190.0° Bearing [Mag]: 181.0° to 194.0°				Arc Distance: Out to 75.0 NM Altitude: 3900.0 to 10000.0 ft		
5	FAY 1 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY 1	
Restriction:		Bearing [True]: 86.0° to 96.0° Bearing [Mag]: 90.0° to 100.0°				Distance: All Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 163.0° to 170.0° Bearing [Mag]: 167.0° to 174.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 18200.0 ft		
6	FAY FAA 210252-12 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-12	
Restriction:		Bearing [True]: 86.0° to 96.0° Bearing [Mag]: 90.0° to 100.0°				Distance: All Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 124.0° to 160.0° Bearing [Mag]: 128.0° to 164.0°				Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 19000.0 ft		
7	FAY FAA 210252-24 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-24	
Restriction:		Bearing [True]: 86.0° to 96.0° Bearing [Mag]: 90.0° to 100.0°				Distance: All Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 73.0° to 85.0° Bearing [Mag]: 77.0° to 89.0°				Arc Distance: Out to 70.0 NM Altitude: 6000.0 to 10000.0 ft		
8	FAY FAA 210252-25 FAY	N34° 59' 07.9844", W078° 52' 30.2299"	4.0 W	40	186.5	114.85	FAY FAA 210252-25	
Restriction:		Bearing [True]: 86.0° to 96.0° Bearing [Mag]: 90.0° to 100.0°				Distance: All Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 96.0° to 118.0° Bearing [Mag]: 100.0° to 122.0°				Arc Distance: Out to 80.0 NM Altitude: 6500.0 to 17000.0 ft		
9	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
Restriction:		Bearing [True]: 197.0° to 22.0° Bearing [Mag]: 200.0° to 25.0°				Distance: Beyond 30.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 117.0° to 133.0° Bearing [Mag]: 120.0° to 136.0°				Arc Distance: Out to 48.0 NM Altitude: 3900.0 to 14700.0 ft		
10	FLO FLO	N34° 13' 58.6853", W079° 39' 25.7796"	3.0 W	130	103.9	115.2	FLO	
Restriction:		Bearing [True]: 197.0° to 22.0° Bearing [Mag]: 200.0° to 25.0°				Distance: Beyond 30.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 99.0° to 110.0° Bearing [Mag]: 102.0° to 113.0°				Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 14700.0 ft		

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11	ESV ILM [IFPA] ILM	N34° 21' 05.9336", W077° 52' 27.7694"	7.0 W	130	28.7	117.0	ESV ILM [IFPA]	
Restriction:		Bearing [True]: 8.0° to 298.0° Bearing [Mag]: 15.0° to 305.0°				Distance: Beyond 30.0 NM Altitude: Below 2500.0 ft		
ESV:		Bearing [True]: 231.0° to 244.0° Bearing [Mag]: 238.0° to 251.0°				Arc Distance: Out to 69.0 NM Altitude: 3900.0 to 10000.0 ft		
12	LVL FAA 704121-5 LVL	N36° 49' 04.9290", W077° 54' 10.6850"	8.0 W	40	350	null	LVL FAA 704121-5	
Restriction:		Bearing [True]: 352.0° to 352.0° Bearing [Mag]: 0° to 360.0°				Distance: All Altitude: Below 3000.0 ft		
ESV:		Bearing [True]: 172.0° to 212.0° Bearing [Mag]: 180.0° to 220.0°				Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 12000.0 ft		
13	ESV ORF [IFPA] ORF	N36° 53' 30.8569", W076° 12' 01.1774"	7.0 W	130	19.6	116.9	ESV ORF [IFPA]	
Restriction:		Bearing [True]: 353.0° to 353.0° Bearing [Mag]: 0° to 360.0°				Distance: Beyond 30.0 NM Altitude: Below 2500.0 ft		
ESV:		Bearing [True]: 211.0° to 235.0° Bearing [Mag]: 218.0° to 242.0°				Arc Distance: Out to 60.0 NM Altitude: 6800.0 to 17000.0 ft		
14	RDU RDU	N35° 52' 21.0761", W078° 47' 00.0316"	9.0 W	130	429.2	117.2	RDU	
ESV:		Bearing [True]: 122.0° to 136.0° Bearing [Mag]: 131.0° to 145.0°				Arc Distance: Out to 68.0 NM Altitude: 7200.0 to 15000.0 ft		
15	SBV SBV	N36° 40' 30.1389", W079° 00' 52.1970"	5.0 W	40	520.1	110.4	SBV	
ESV:		Bearing [True]: 118.0° to 123.0° Bearing [Mag]: 123.0° to 128.0°				Arc Distance: Out to 85.0 NM Altitude: 6900.0 to 18600.0 ft		
16	TYI 1 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI 1	
Restriction:		Bearing [True]: 282.0° to 287.0° Bearing [Mag]: 287.0° to 292.0°				Distance: Beyond 38.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 204.0° to 210.0° Bearing [Mag]: 209.0° to 215.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 115.0° to 122.0° Bearing [Mag]: 120.0° to 127.0°				Distance: Beyond 33.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 3.0° to 13.0° Bearing [Mag]: 8.0° to 18.0°				Distance: Beyond 27.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 334.0° to 342.0° Bearing [Mag]: 339.0° to 347.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 63.0° to 74.0° Bearing [Mag]: 68.0° to 79.0°				Arc Distance: Out to 50.0 NM Altitude: 7800.0 to 14600.0 ft		
17	TYI FAA 694155-49 TYI	N35° 58' 36.2050", W077° 42' 13.4340"	5.0 W	130	72.9	117.8	TYI FAA 694155-49	
Restriction:		Bearing [True]: 282.0° to 287.0° Bearing [Mag]: 287.0° to 292.0°				Distance: Beyond 38.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 204.0° to 210.0° Bearing [Mag]: 209.0° to 215.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 115.0° to 122.0° Bearing [Mag]: 120.0° to 127.0°				Distance: Beyond 33.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 3.0° to 13.0° Bearing [Mag]: 8.0° to 18.0°				Distance: Beyond 27.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 334.0° to 342.0° Bearing [Mag]: 339.0° to 347.0°				Distance: Beyond 30.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 91.0° to 182.0° Bearing [Mag]: 96.0° to 187.0°				Arc Distance: Out to 70.0 NM Altitude: 5000.0 to 15000.0 ft		

[illegible]