

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Results Summary

Flyability:	Completed
DME/DME:	Completed - 2 Critical DMES: EYW, NQX
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\DEFUN_AKUNS\KEYW KRAKN1 RNAV STAR DEFUN AKUNS 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

EXCEEDED_DRIFT_TIME	EYW is critical
EXCEEDED_DRIFT_TIME	NQX is critical

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
DEFUN	WP	N30° 48' 51.27", W086° 07' 53.09"	16000	VNAV	250	FLY_BY	TF
CABLO	WP	N30° 46' 29.00", W084° 50' 24.00"	16000	VNAV	250	FLY_BY	TF
BULZI	WP	N30° 22' 24.93", W084° 04' 34.47"	16000	VNAV	250	FLY_BY	TF
SNAPY	WP	N29° 48' 51.17", W083° 42' 23.61"	16000	VNAV	250	FLY_BY	TF
NICKI	WP	N29° 15' 20.19", W083° 20' 31.80"	16000	VNAV	250	FLY_BY	TF
ENDEW	WP	N28° 18' 01.73", W082° 55' 56.70"	16000	VNAV	250	FLY_BY	TF
FARLU	WP	N27° 45' 32.56", W082° 50' 43.77"	16000	VNAV	250	FLY_BY	TF
PIKKR	WP	N26° 56' 24.43", W082° 41' 25.28"	16000	VNAV	250	FLY_BY	TF
MARCI	WP	N25° 53' 27.84", W081° 47' 02.37"	14500	VNAV	250	FLY_BY	TF
KARTR	WP	N25° 29' 45.76", W081° 30' 46.24"	10000	VNAV	250	FLY_BY	TF
KRAKN	WP	N25° 15' 50.48", W081° 37' 12.87"	9000	VNAV	250	FLY_BY	TF
GIGIH_	WP	N25° 00' 32.70", W081° 44' 15.84"	8000	VNAV	250	FLY_BY	TF
STING	WP	N24° 52' 53.72", W081° 47' 46.65"	6000	VNAV	250	FLY_BY	TF
BUSBY	WP	N24° 33' 18.75", W081° 50' 58.77"	6000	VNAV	220	FLY_BY	TF
SKINT	WP	N24° 27' 42.91", W081° 50' 52.68"	4000	VNAV	220	FLY_BY	TF
BEHAV	WP	N24° 27' 47.48", W081° 43' 15.83"	4000	VNAV	210	FLY_BY	TF
AKUNS	WP	N24° 27' 53.01", W081° 33' 00.93"	3000	VNAV	210	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path DEFUN_AKUNS

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OZR	N31° 16' 08.22", W085° 43' 34.73"	3.0 W	40	L	IFPA	NO	Enabled	8.4 %	8.4 %
2	TRV	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	H	IFPA	NO	Enabled	8.3 %	8.4 %
3	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	10.7 %	10.8 %
4	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	11.5 %	11.6 %
5	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	21.6 %	21.8 %
6	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	22.1 %	22.3 %
7	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	44.7 %	45.1 %
8	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled	11 %	11.1 %
9	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	27.6 %	27.9 %
10	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	DH	IFPA	NO	Enabled	20.9 %	21 %
11	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	1.9 %	1.9 %
12	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	16.8 %	16.9 %
13	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	24.6 %	24.8 %
14	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	IFPA	NO	Enabled	6.4 %	6.4 %
15	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	28.3 %	28.5 %
16	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	IFPA	NO	Enabled	6.7 %	6.7 %
17	EYW	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	H	IFPA	YES	Enabled	9 %	8.8 %
18	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled	8.4 %	8.4 %
19	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	14 %	14.1 %
20	CYY	N26° 09' 12.34", W081° 46' 41.17"	3.0 W	25	T	IFPA	NO	Enabled	0.6 %	0.6 %
21	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	31.7 %	31.8 %
22	CEW	N30° 49' 34.23", W086° 40' 44.92"	3.0 E	130	H	IFPA	NO	Enabled	13.4 %	13.4 %
23	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	15.9 %	16.1 %
24	NQX	N24° 34' 48.89", W081° 40' 56.82"	6.0 W	130	H	IFPA	YES	Enabled	4.4 %	4.2 %
25	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Enabled	28.4 %	28.5 %
26	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled	13 %	13.1 %
27	DHP	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	H	IFPA	NO	Enabled	8.9 %	9 %
28	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled	35 %	35.2 %

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

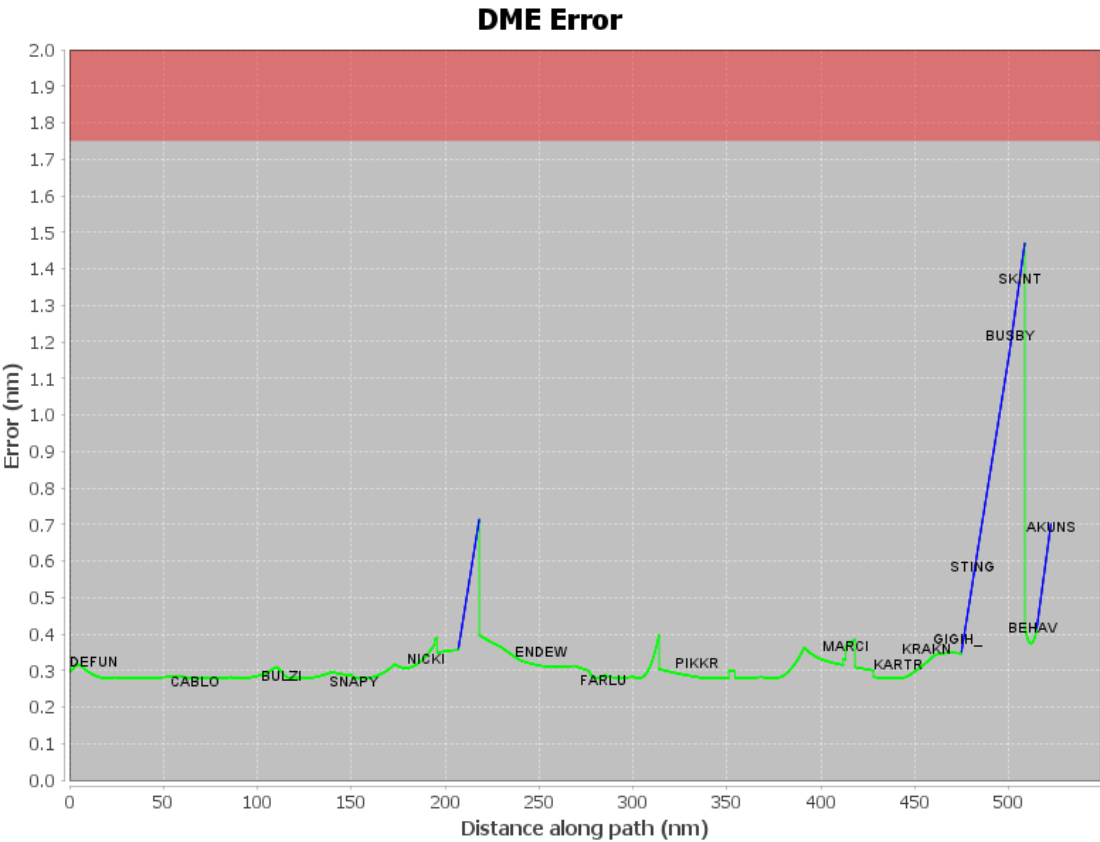
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PAM	OZR	MGM	CEW	PZD	SZW
35.2	RRS	MAI	CEW	PAM	SZW	PZD
46.8	PAM	SZW	CEW	RRS	PZD	
57.3	PAM	SZW	PZD	CEW	OTK	
70.5	PZD	SZW	MAI	PAM	OTK	
90.2	PZD	GEF	MAI	OTK	PAM	
93.4	PZD	GEF	OTK	PAM	TAY	
144.4	TAY	SZW	OTK	PAM	PZD	
149.5	TAY	SZW	OTK	PZD		
150.8	CTY	OTK	TAY	SZW	PZD	
166.6	CTY	OTK	TAY	SZW		
178.6	SZW	CTY	PIE	TAY	OTK	
194.6	CTY	PIE	TAY	SRQ		
195.7	LAL	CTY	TAY	PIE	SRQ	OTK
197.7	LAL	CTY	TAY	PIE	SRQ	
207.0	LAL	CTY				
207.0						
218.2	LAL	SRQ				
219.5	ORL	PIE	SRQ	LAL		
241.7	ORL	SRQ	PIE	LAL	MLB	
293.1	MCF	SRQ	LAL	PIE	MLB	
314.0	LBV	PIE	LAL	SRQ	TRV	MLB
324.0	LBV	PIE	SRQ	LAL	TRV	
336.4	LBV	PIE	SRQ	TRV		
336.7	LBV	SRQ	TRV			
352.6	RSW	SRQ	MLB			
354.3	LBV	SRQ	RSW	TRV		
355.9	LBV	SRQ	RSW	EYW	TRV	
359.5	LBV	SRQ	RSW	EYW		
363.0	LBV	SRQ	RSW	EYW	VKZ	
372.2	RSW	SRQ	VKZ			
405.4	RSW	VKZ	PHK	SRQ	EYW	
412.0	EYW	VKZ	PHK	SRQ		
413.3	PHK	SRQ	VKZ			
418.2	VKZ	CYY	PHK	SRQ		
418.3	RSW	VKZ	CYY	PHK	SRQ	
421.6	RSW	VKZ	PHK	SRQ		
425.7	RSW	VKZ	PHK			
428.0	RSW	DHP	VKZ	PHK		
432.6	RSW	DHP	VKZ	LBV	PHK	
437.6	RSW	DHP	VKZ	LBV		
441.1	RSW	DHP	VKZ	LBV	PHK	
442.6	RSW	DHP	VKZ	LBV		
458.9	RSW	DHP	VKZ	EYW	LBV	
464.5	DHP	NQX	VKZ	RSW	EYW	
472.7	DHP	NQX	VKZ	EYW		
472.8	DHP	NQX	EYW			
474.8						
508.6	EYW	NQX				
515.0						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N28° 59' 31.20", W083° 13' 41.77"	N28° 49' 02.24", W083° 09' 11.26"	11.1795
2	N24° 58' 30.31", W081° 45' 12.10"	N24° 27' 44.55", W081° 48' 12.39"	33.9138
3	N24° 27' 48.60", W081° 41' 17.44"	N24° 27' 53.01", W081° 33' 00.93"	7.5504

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

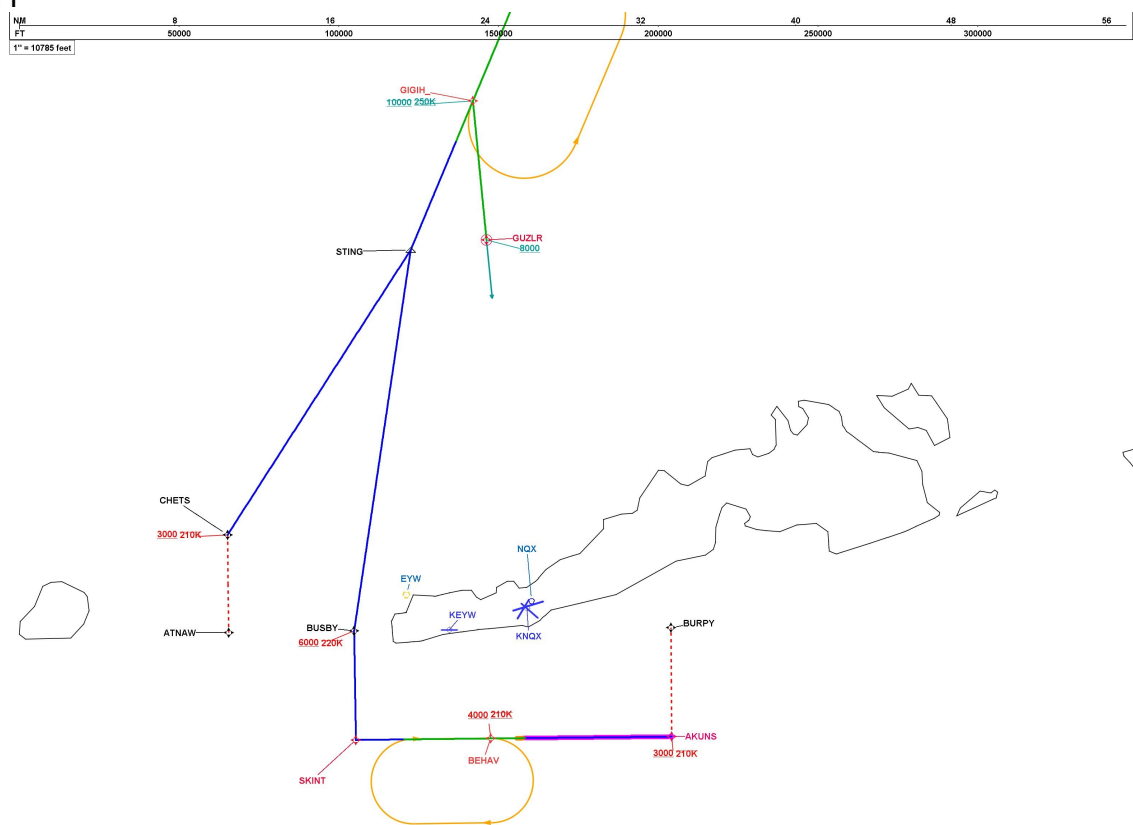
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
DEFUN	CABLO	SZW, MGM, RRS, CEW, MAI, OZR, OTK, PZD, PAM	
CABLO	BULZI	SZW, CEW, MAI, OTK, GEF, PZD, PAM, TAY	
BULZI	SNAPY	SZW, OTK, GEF, CTY, PZD, TAY, PAM	
SNAPY	NICKI	SZW, SRQ, OTK, CTY, PZD, TAY, PIE	
NICKI	ENDEW	SZW, MLB, SRQ, LAL, OTK, ORL, CTY, TAY, PIE	
ENDEW	FARLU	MCF, MLB, SRQ, OCF, LAL, ORL, PIE	
FARLU	PIKKR	MCF, LBV, MLB, SRQ, OCF, LAL, ORL, TRV, PIE	
PIKKR	MARCI	LBV, MLB, EYW, PHK, SRQ, VKZ, LAL, RSW, TRV, PIE	
MARCI	KARTR	LBV, PHK, EYW, CYW, SRQ, VKZ, RSW, DHP	
KARTR	KRAKN	LBV, PHK, VKZ, RSW, DHP	
KRAKN	GIGIH_	LBV, EYW, VKZ, NQX, RSW, DHP	
GIGIH_	STING	EYW, VKZ, NQX, RSW, DHP	
STING	BUSBY		
BUSBY	SKINT		
SKINT	BEHAV	EYW, NQX	
BEHAV	AKUNS	EYW, NQX	

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
ESV:		Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
ESV:		Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
ESV:		Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
ESV:		Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
ESV:		Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
ESV:		Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
ESV:		Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
ESV:		Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
ESV:		Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		



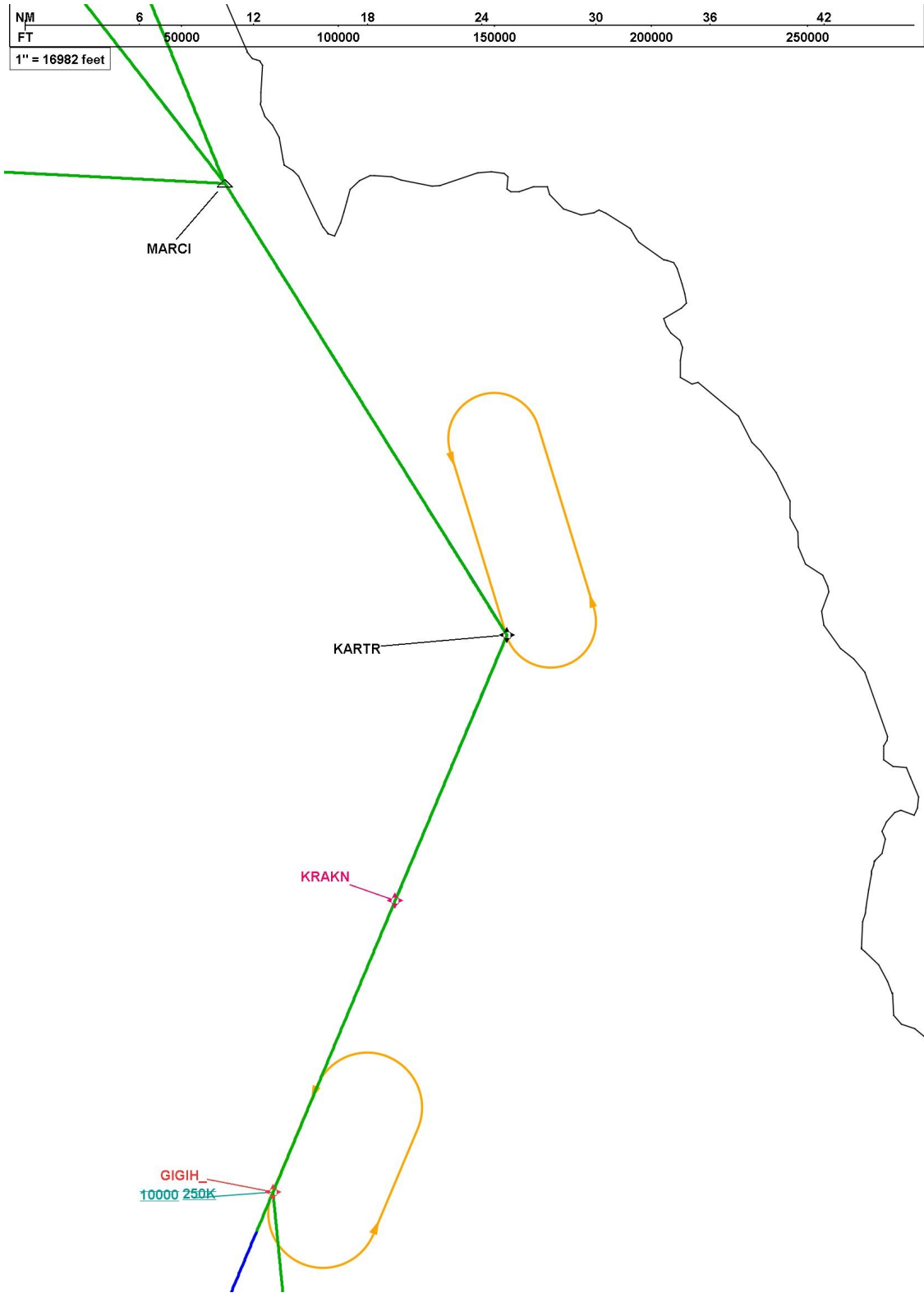
DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 1



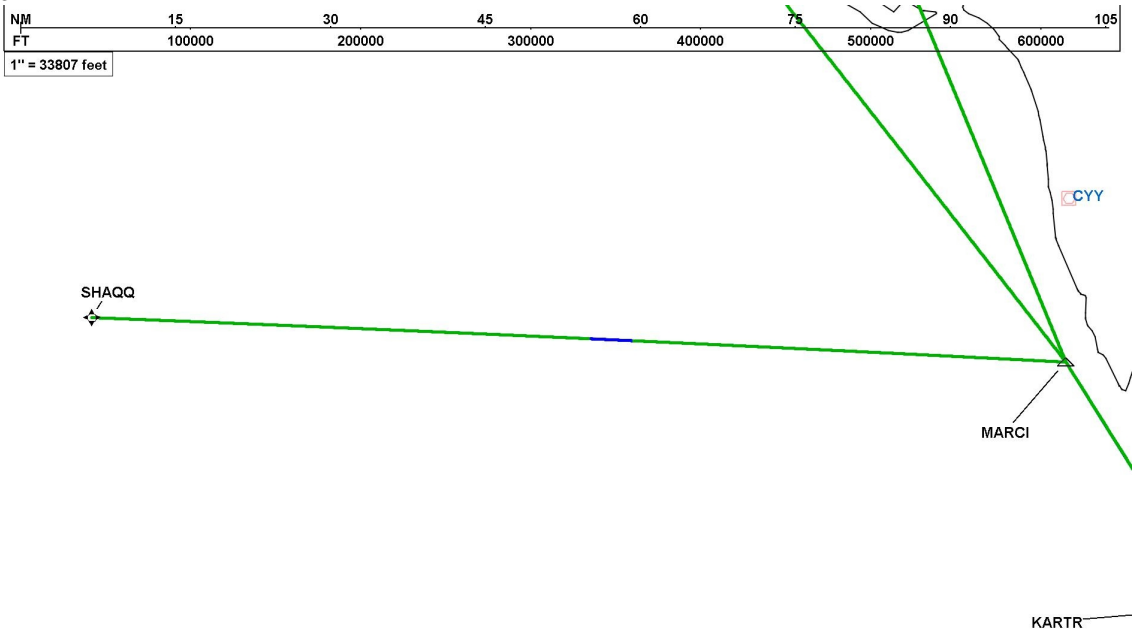
DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 2



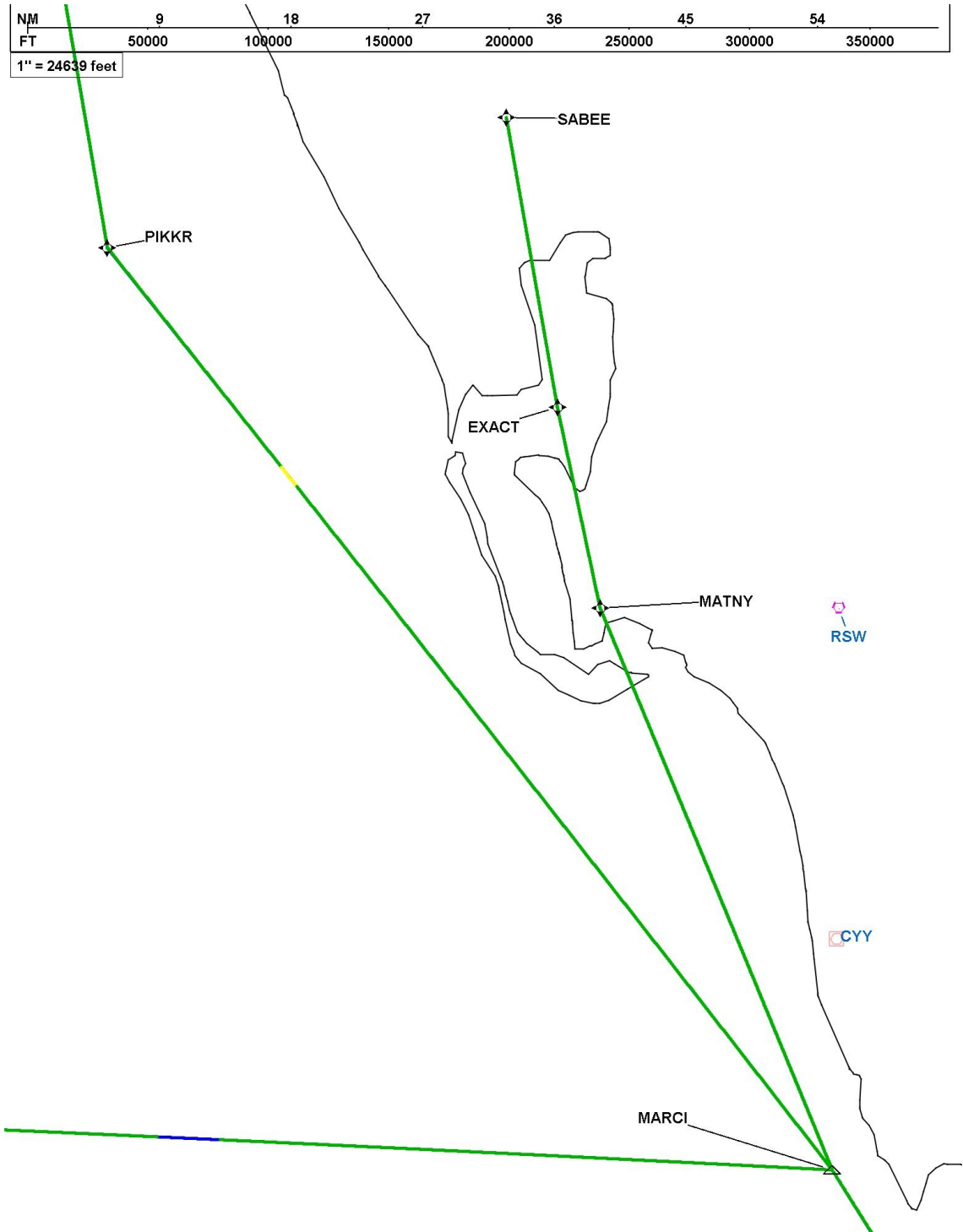
DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 3



DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 4



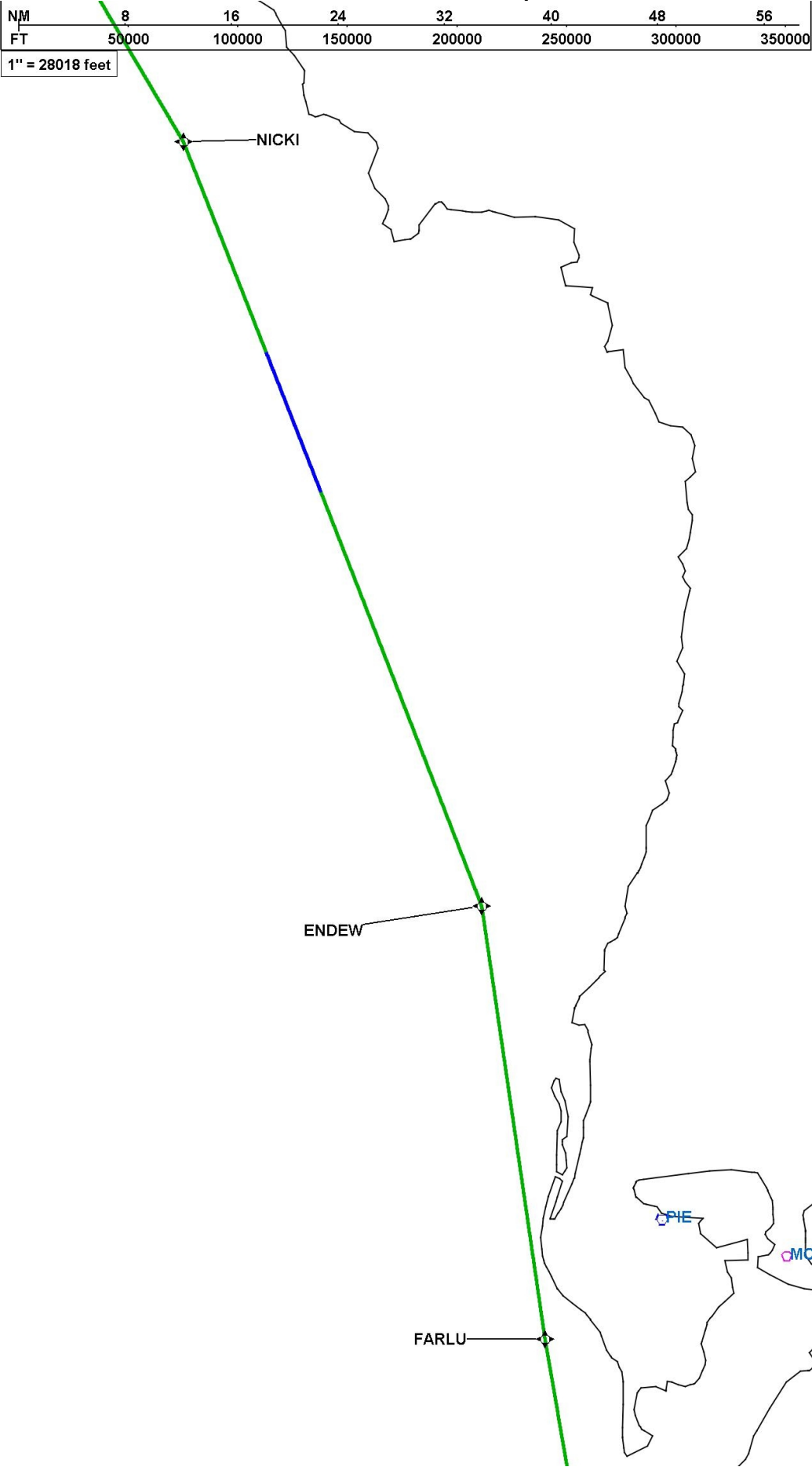
Graphic Depiction 5

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS



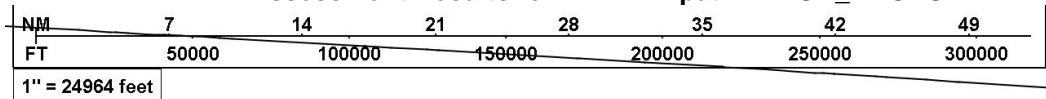
Graphic Depiction 6

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

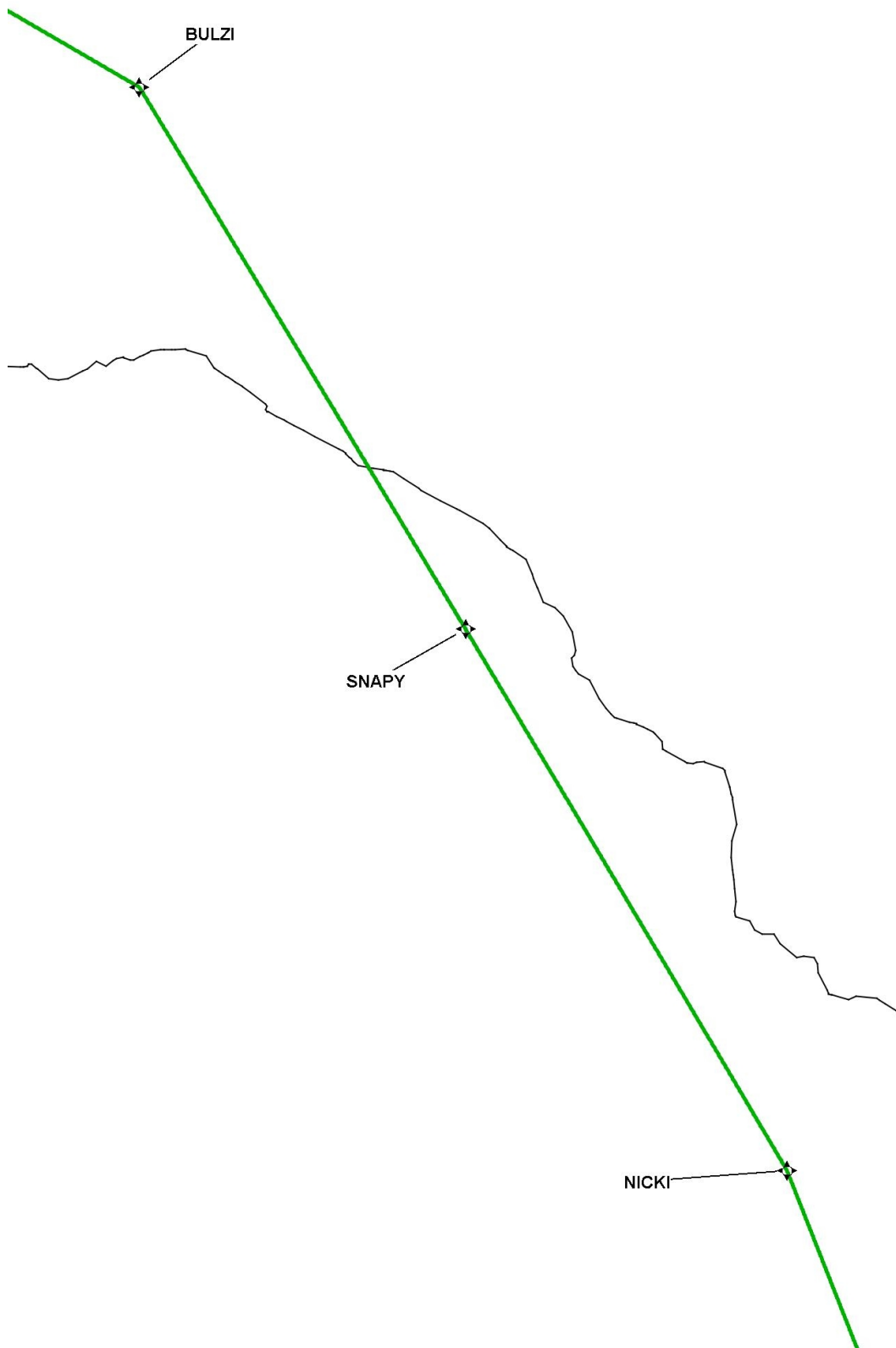


Graphic Depiction 7

DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

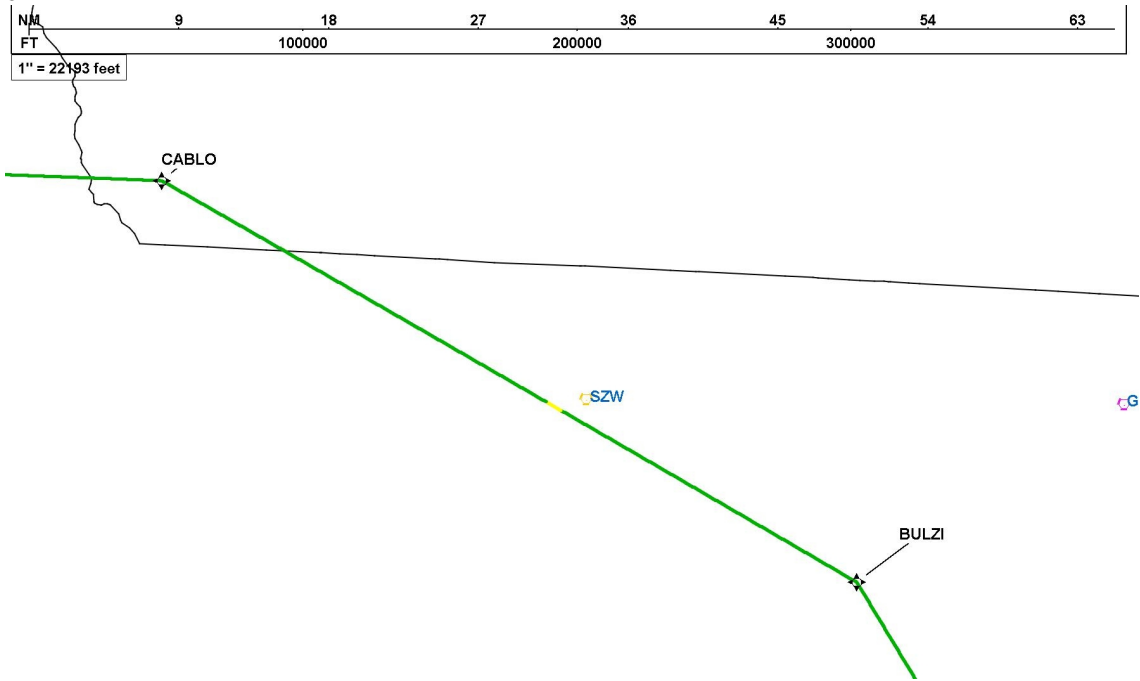


GEF



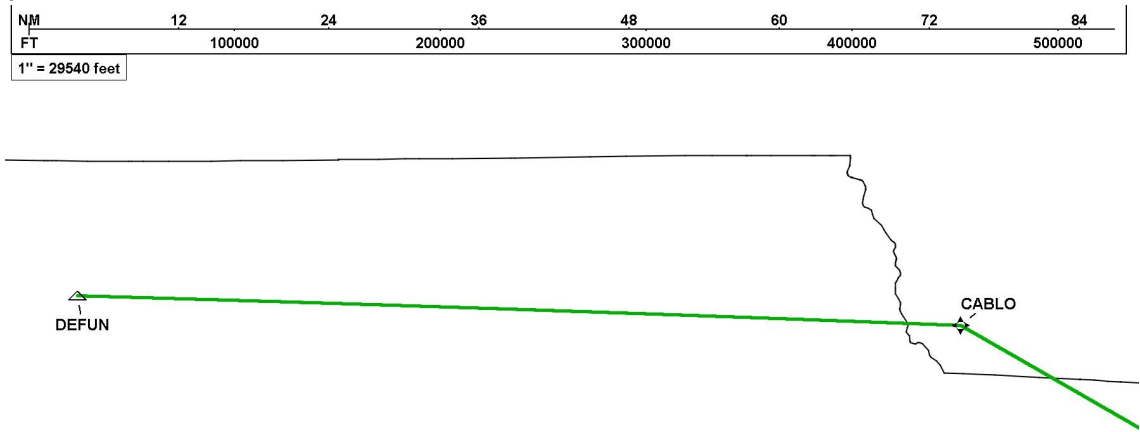
DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 8



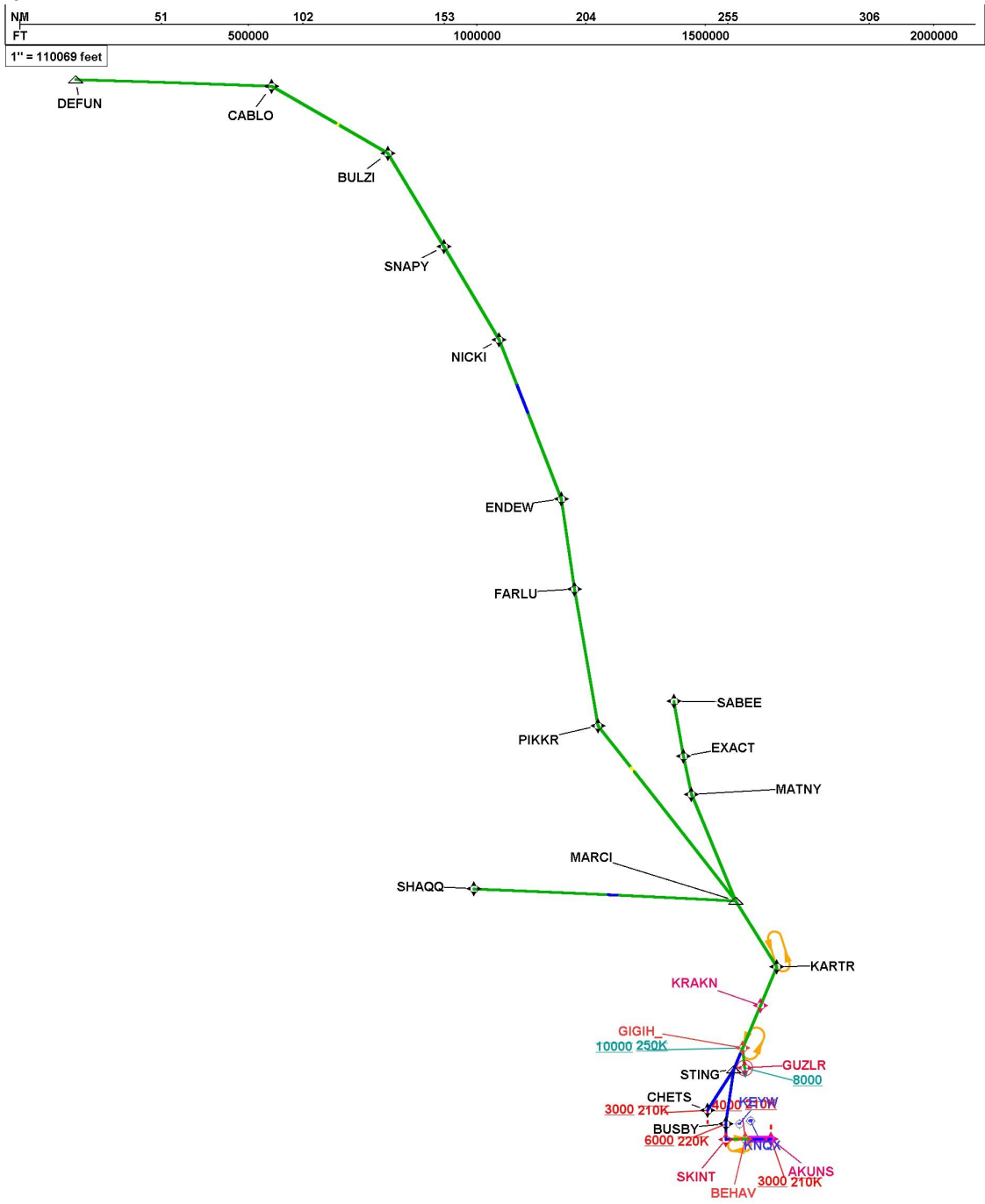
DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 9



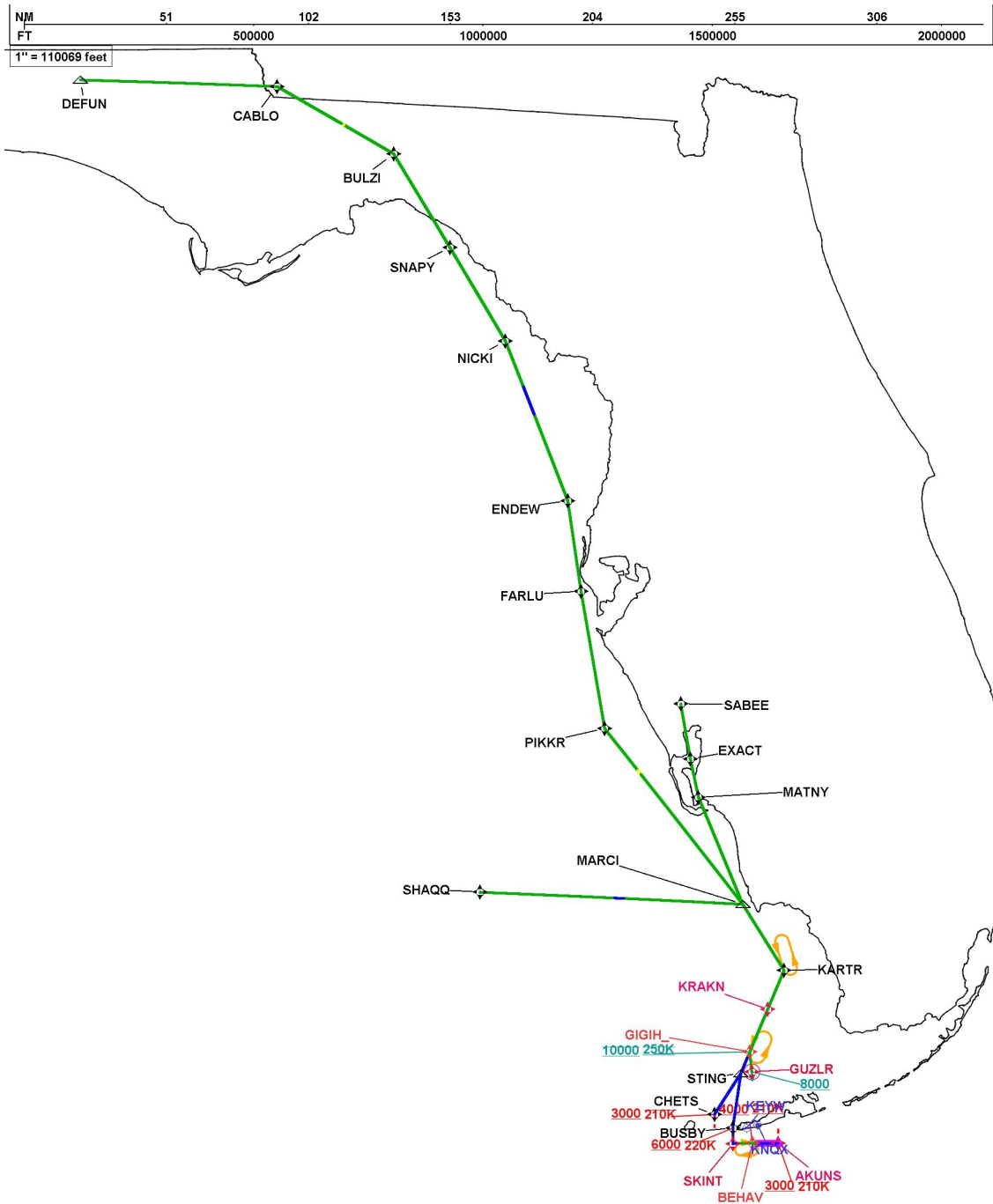
DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path DEFUN_AKUNS

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\GIGIH__GUZLR\KEYW KRAKN1 RNAV STAR GIGIH GUZLR 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
GIGIH__	WP	N25° 00' 32.70", W081° 44' 15.84"	8000	VNAV	250	FLY_BY	TF
GUZLR	WP	N24° 53' 23.86", W081° 43' 29.71"	8000	VNAV	250	FLY_OVER	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path GIGIH__GUZLR

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	EYW	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	H	IFPA	NO	Enabled	92.3 %	92.3 %
2	NQX	N24° 34' 48.89", W081° 40' 56.82"	6.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
3	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	18.3 %	18.3 %
4	DHP	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	H	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	DHP	NQX	RSW	EYW		
1.4	DHP	NQX	EYW			
6.7	DHP	NQX				

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
GIGIH__	GUZLR	EYW, NQX, RSW, DHP	

DME DME Assessment Results for KRAKN1 path GIGIH_GUZLR

User Data Files

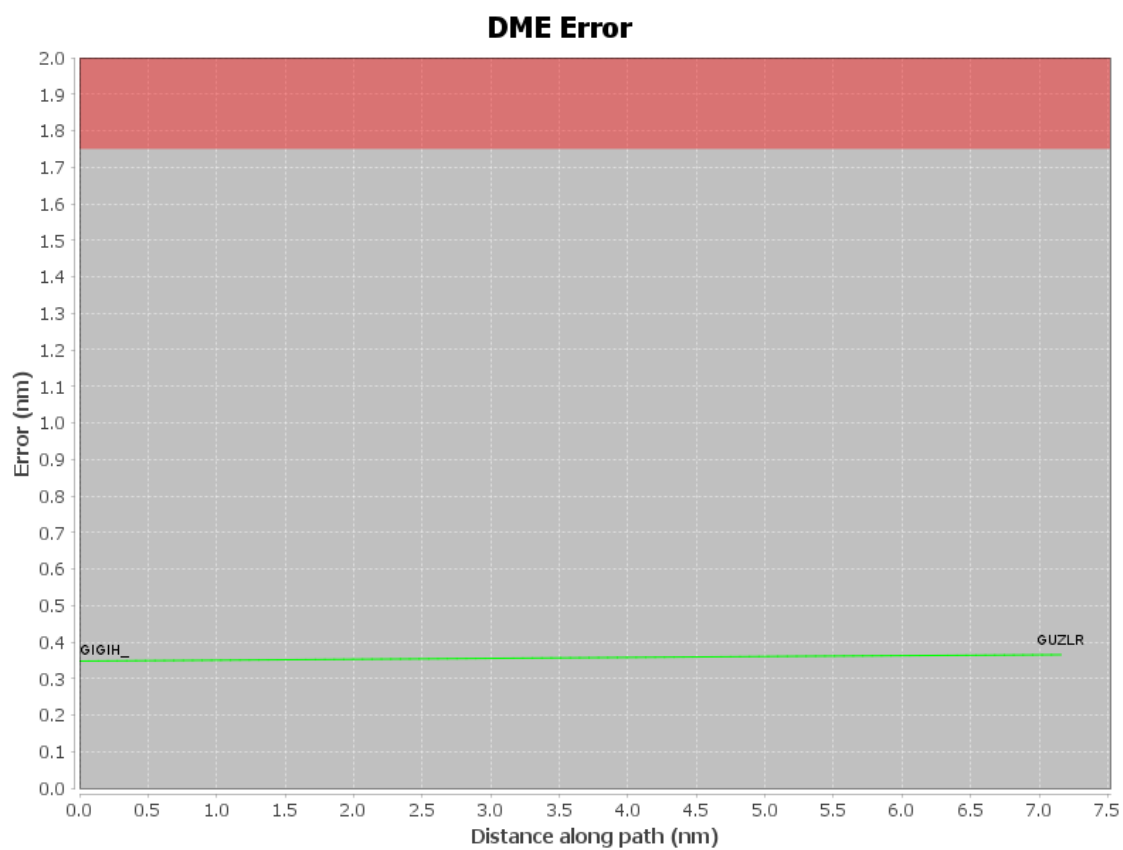
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User DMEs

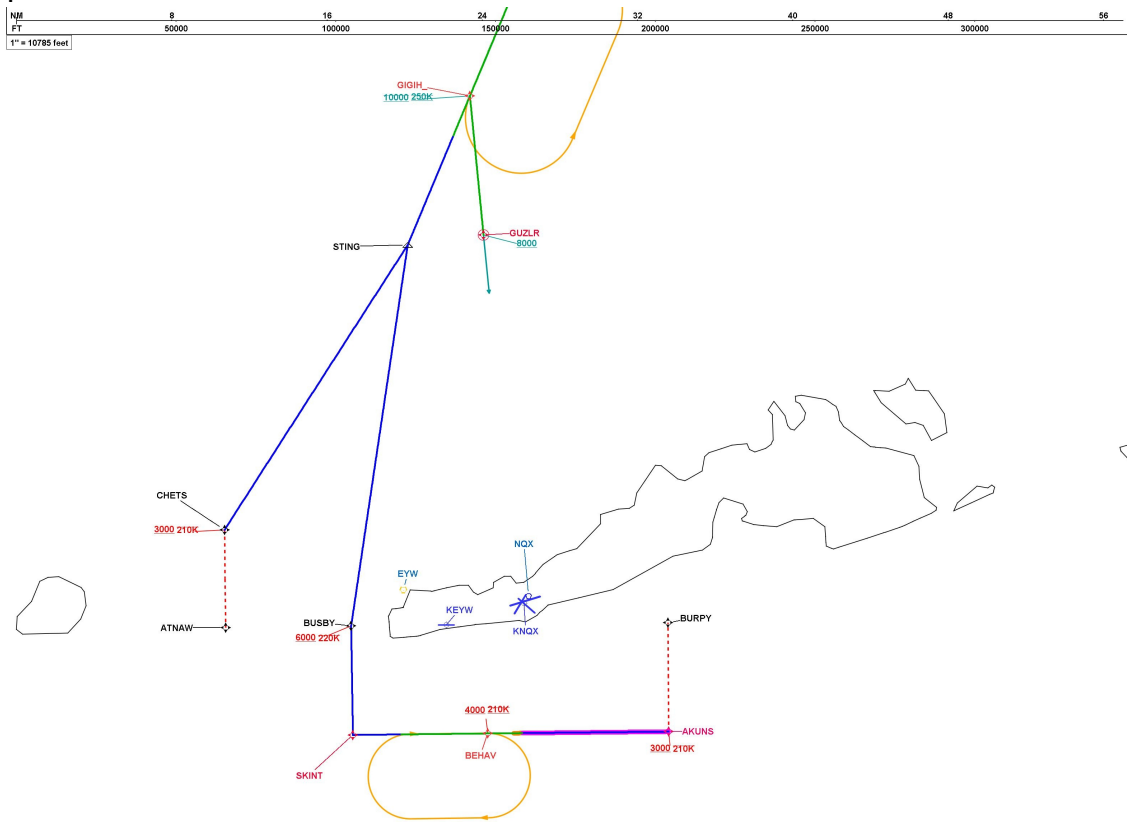
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
ESV:		Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
ESV:		Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
ESV:		Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
ESV:		Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
ESV:		Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
ESV:		Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
ESV:		Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
ESV:		Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
ESV:		Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR



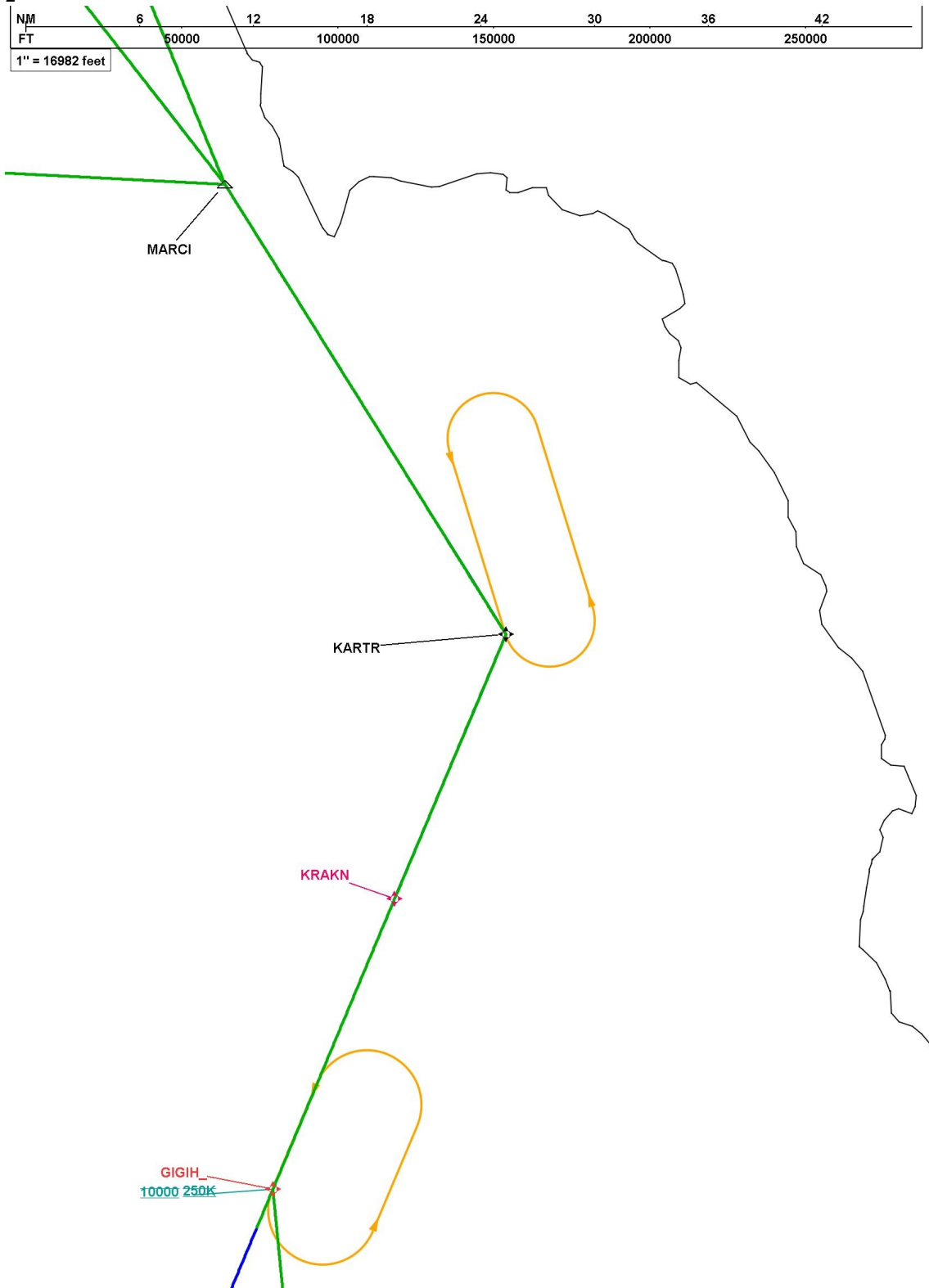
DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 1



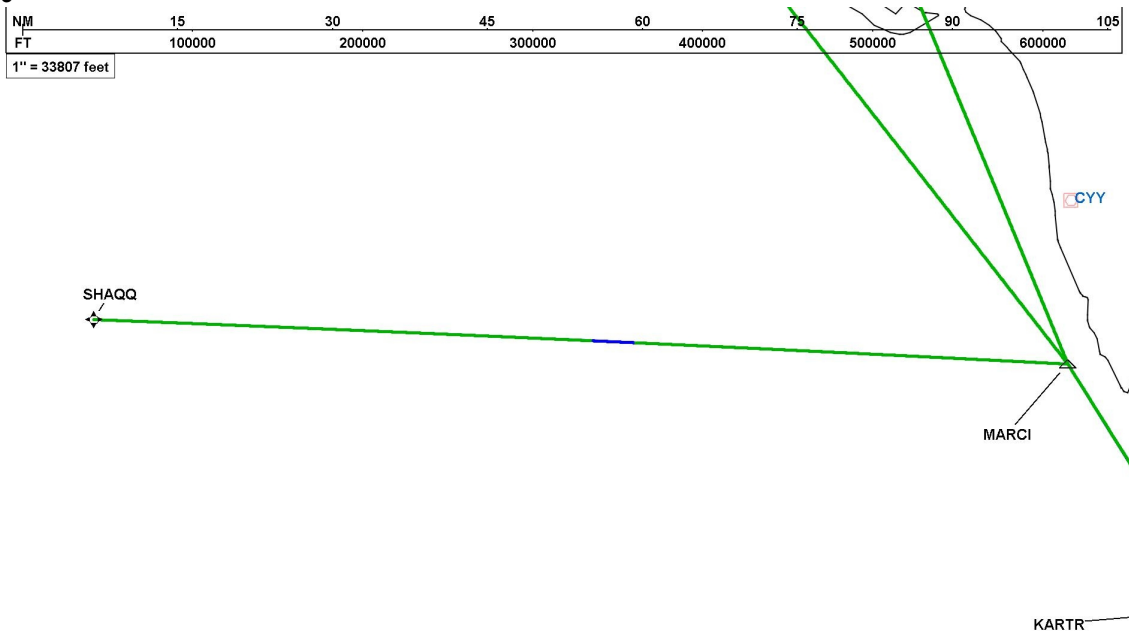
DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 2



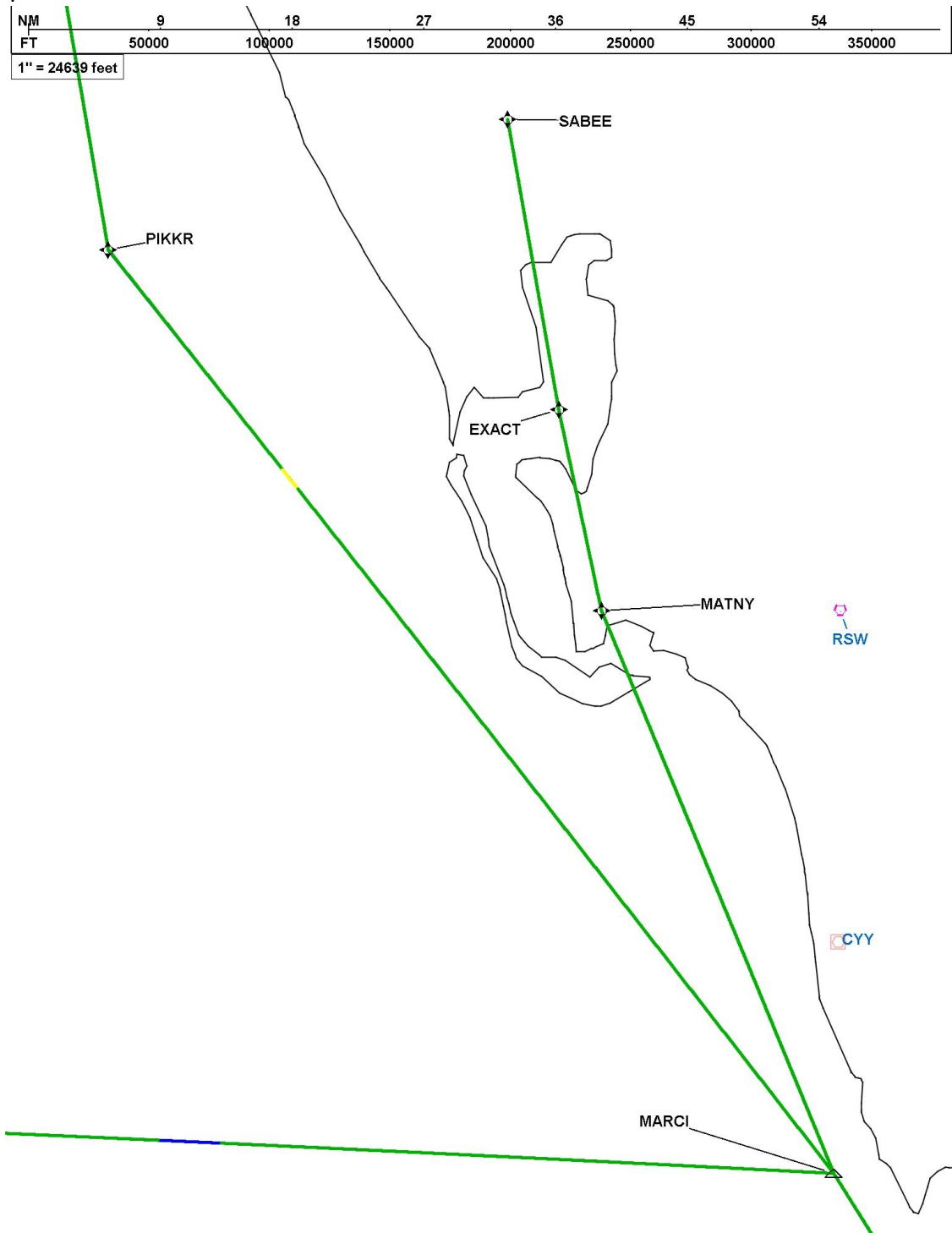
DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 3



DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

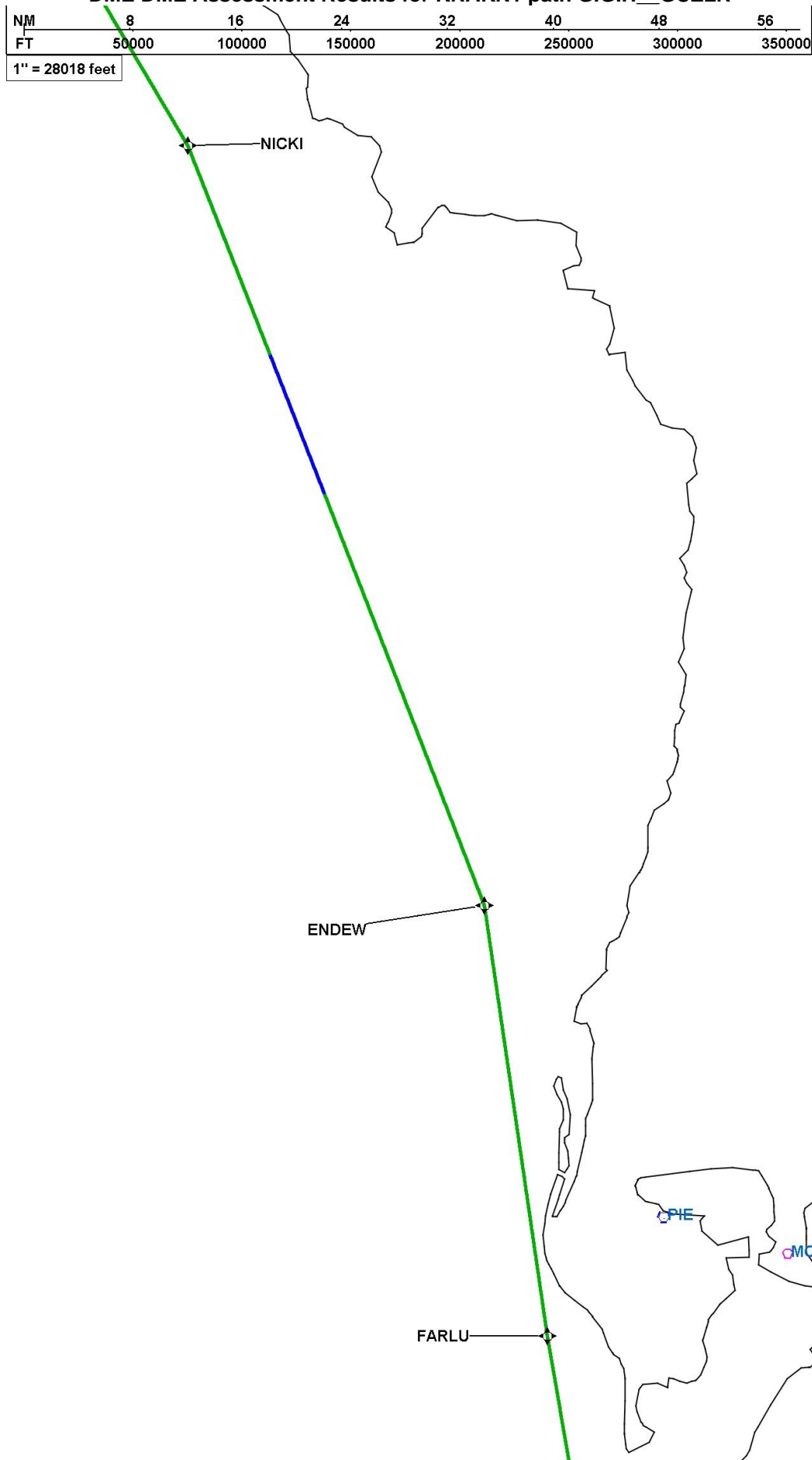
Graphic Depiction 4



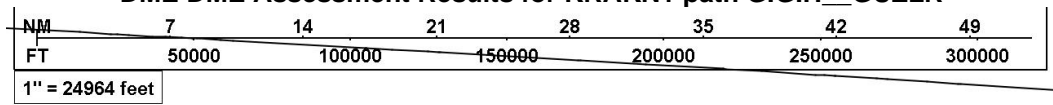
DME DME Assessment Results for KRAKN1 path GIGIH_GUZLR



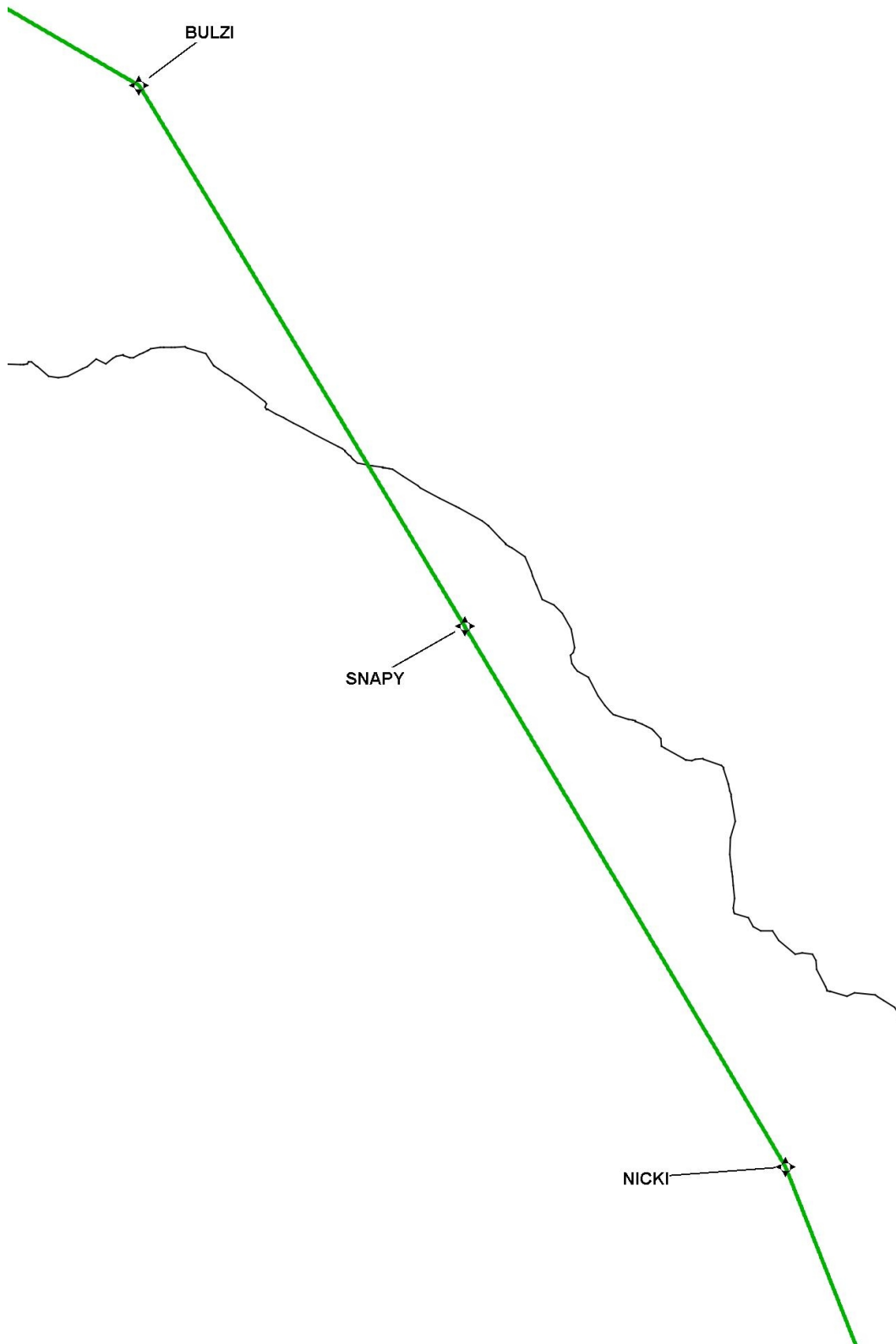
DME DME Assessment Results for KRAKN1 path GIGIH_GUZLR



DME DME Assessment Results for KRAKN1 path GIGIH_GUZLR

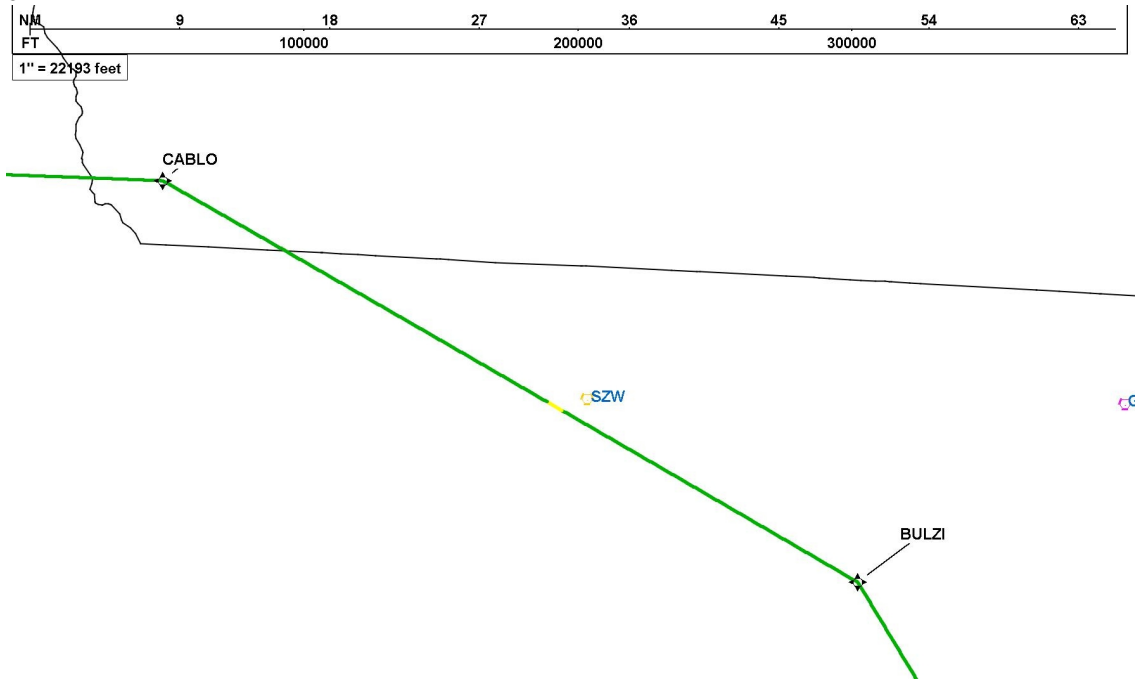


GEF



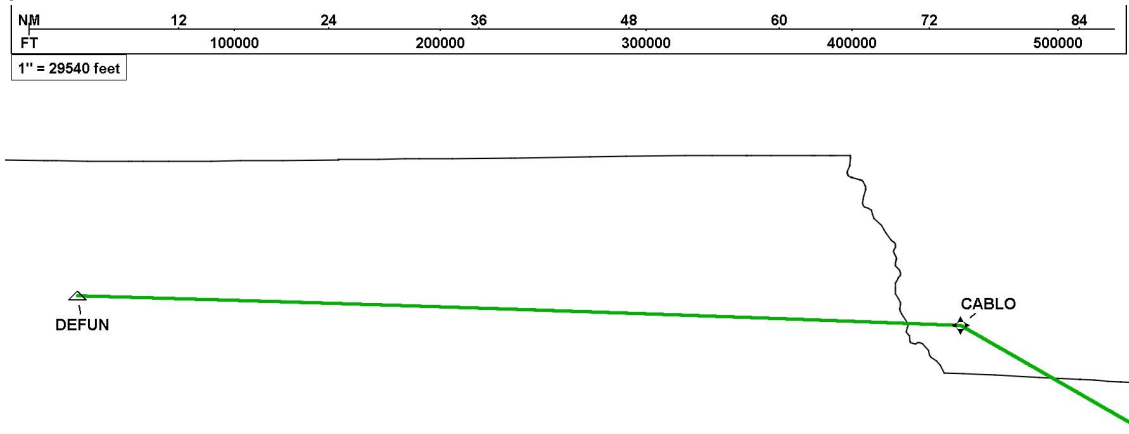
DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 8



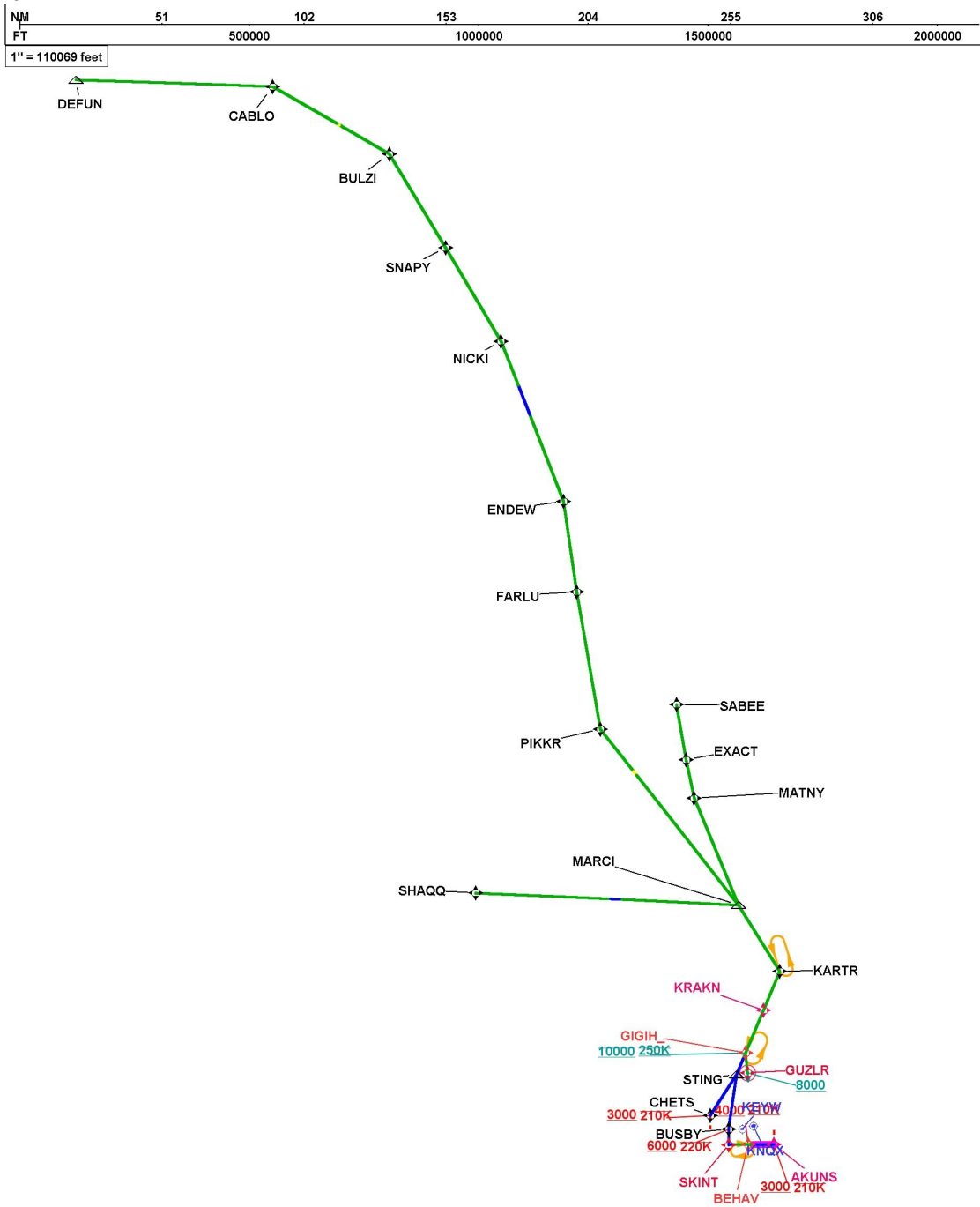
DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 9



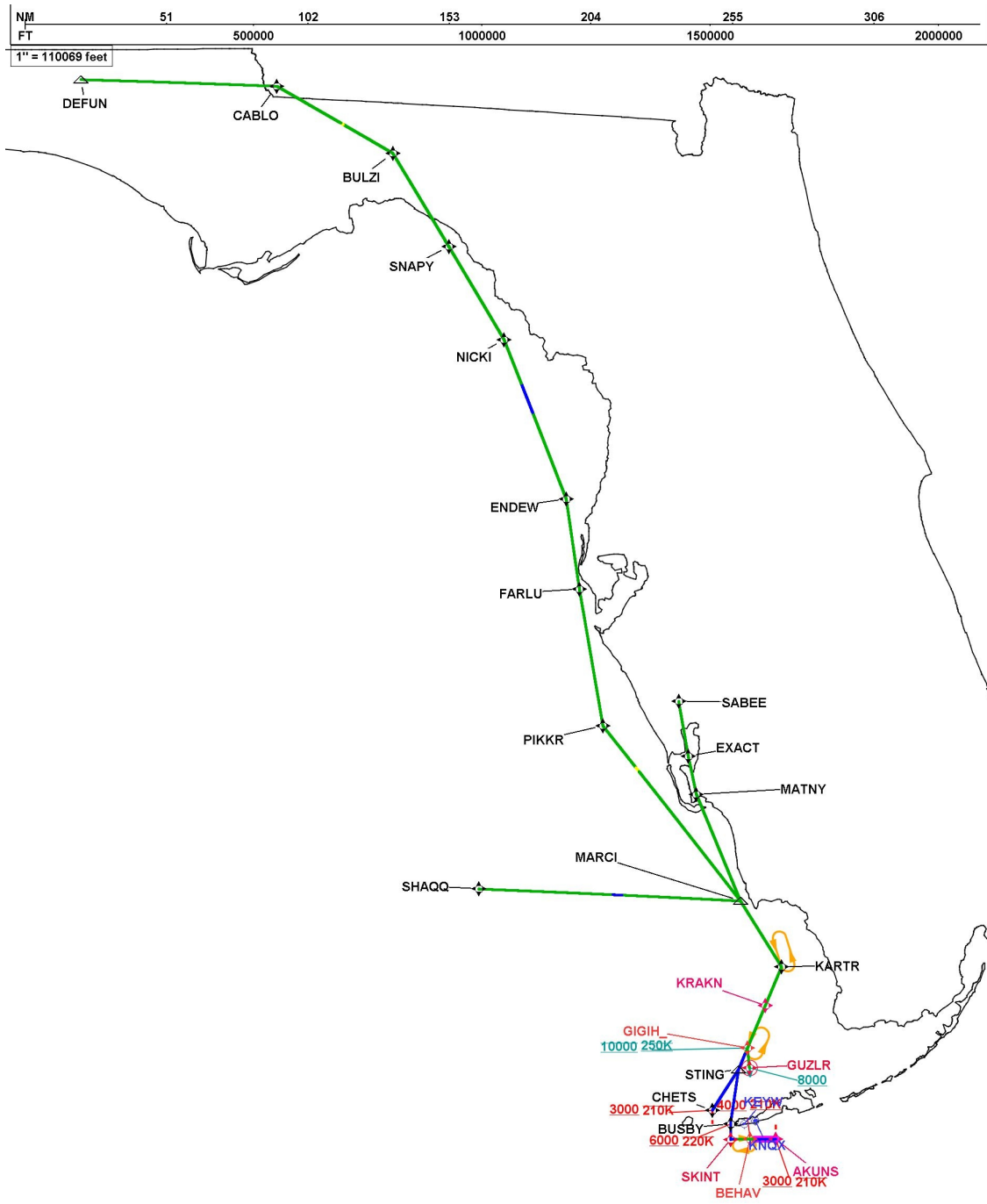
DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path GIGIH__GUZLR

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\MARCI_SABEE\KEYW KRAKN1 RNAV STAR MARCI SABEE 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
MARCI	WP	N25° 53' 27.84", W081° 47' 02.37"	14500	VNAV	250	FLY_BY	TF
MATNY	WP	N26° 31' 49.04", W082° 04' 27.61"	14500	VNAV	250	FLY_BY	TF
EXACT	WP	N26° 45' 29.90", W082° 07' 39.62"	14500	VNAV	250	FLY_BY	TF
SABEE	WP	N27° 05' 16.20", W082° 11' 29.33"	14500	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path MARCI_SABEE

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	IFPA	NO	Enabled	15.3 %	15.3 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	100 %	100 %
3	EYW	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	H	IFPA	NO	Enabled	22.8 %	22.8 %
4	TRV	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	H	IFPA	NO	Enabled	24.9 %	24.9 %
5	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	DH	IFPA	NO	Enabled	83.3 %	83.3 %
6	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	36.6 %	36.6 %
7	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	57.6 %	57.6 %
8	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	96.9 %	96.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	EYW	VKZ	PHK	SRQ		
0.1	RSW	VKZ	EYW	PHK	SRQ	
11.6	RSW	VKZ	SRQ			
31.9	RSW	SRQ	VKZ	MLB		
47.7	LBV	SRQ	EYW	MLB	RSW	VKZ
53.4	LBV	SRQ	RSW	MLB	VKZ	
62.7	TRV	SRQ	RSW	MLB	LBV	
73.1	MLB	SRQ	TRV	LBV		

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

DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
MARCI	MATNY	PHK, EYW, MLB, SRQ, VKZ, RSW	
MATNY	EXACT	LBV, MLB, EYW, SRQ, VKZ, RSW	
EXACT	SABEE	LBV, MLB, SRQ, VKZ, RSW, TRV	

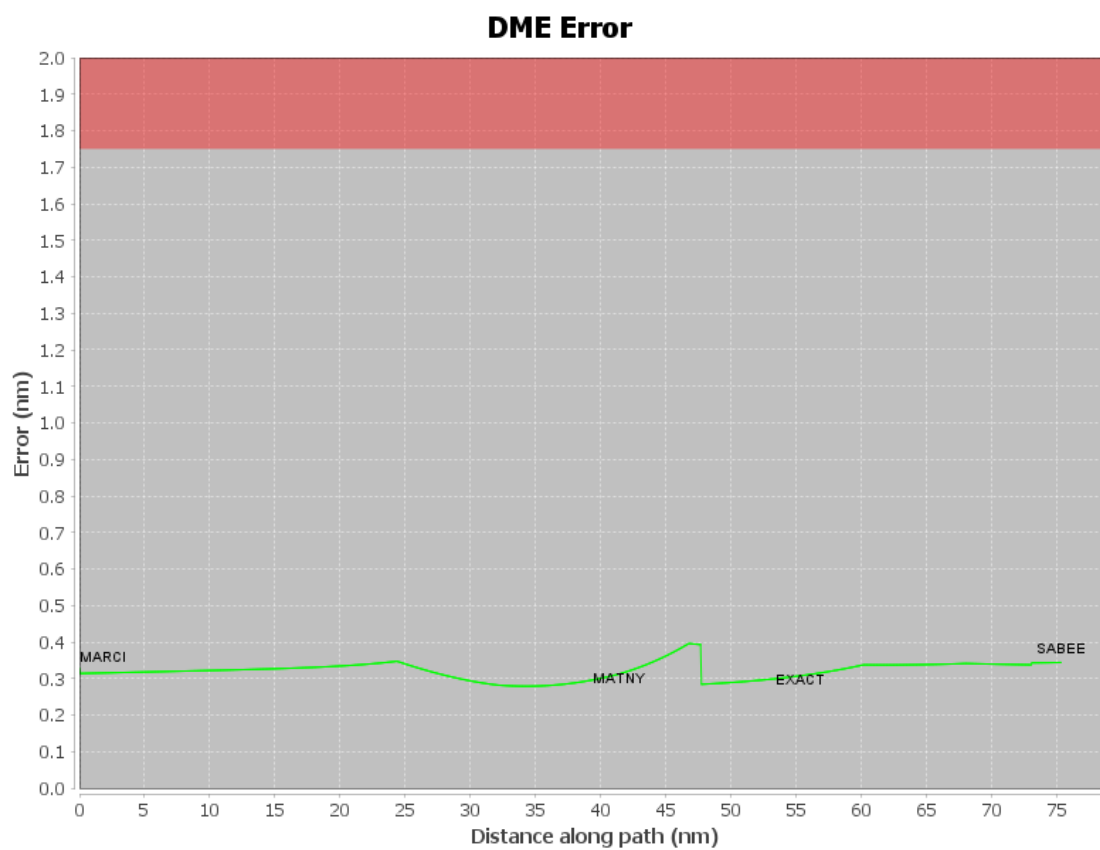
User Data Files

#	File Name
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User DMEs

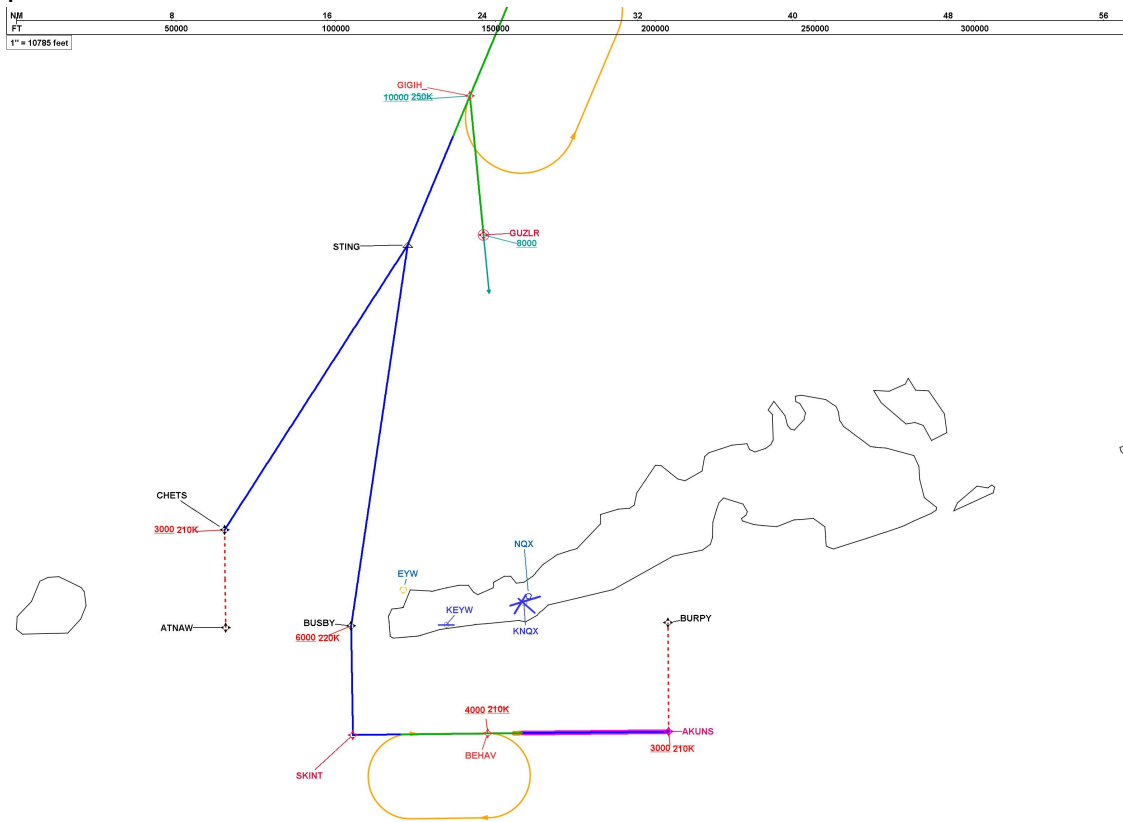
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
	ESV:	Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
	ESV:	Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
	ESV:	Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
	ESV:	Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
	ESV:	Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
	ESV:	Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
	ESV:	Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
	ESV:	Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
	ESV:	Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

DME DME Assessment Results for KRAKN1 path MARCI_SABEE



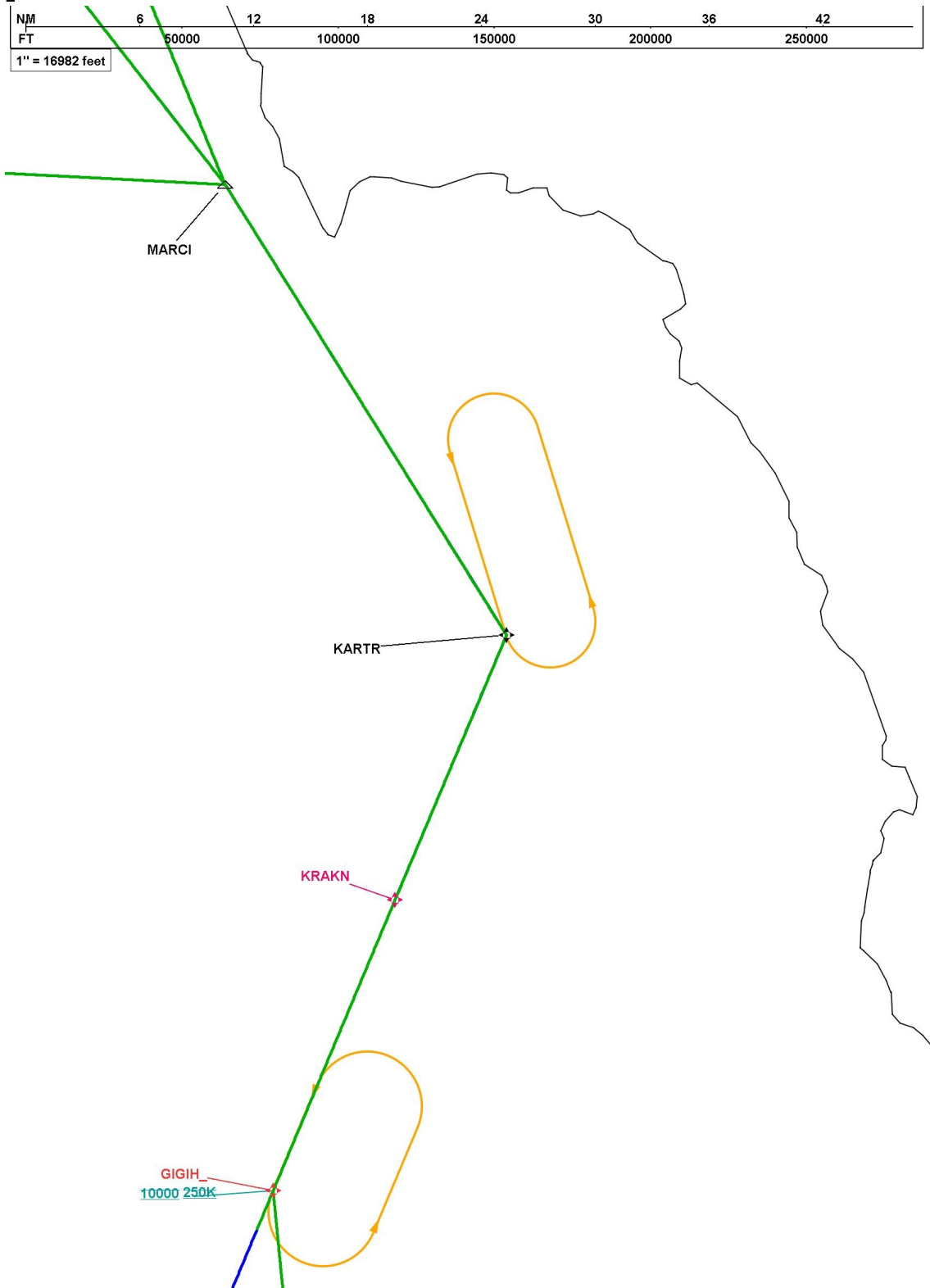
DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 1



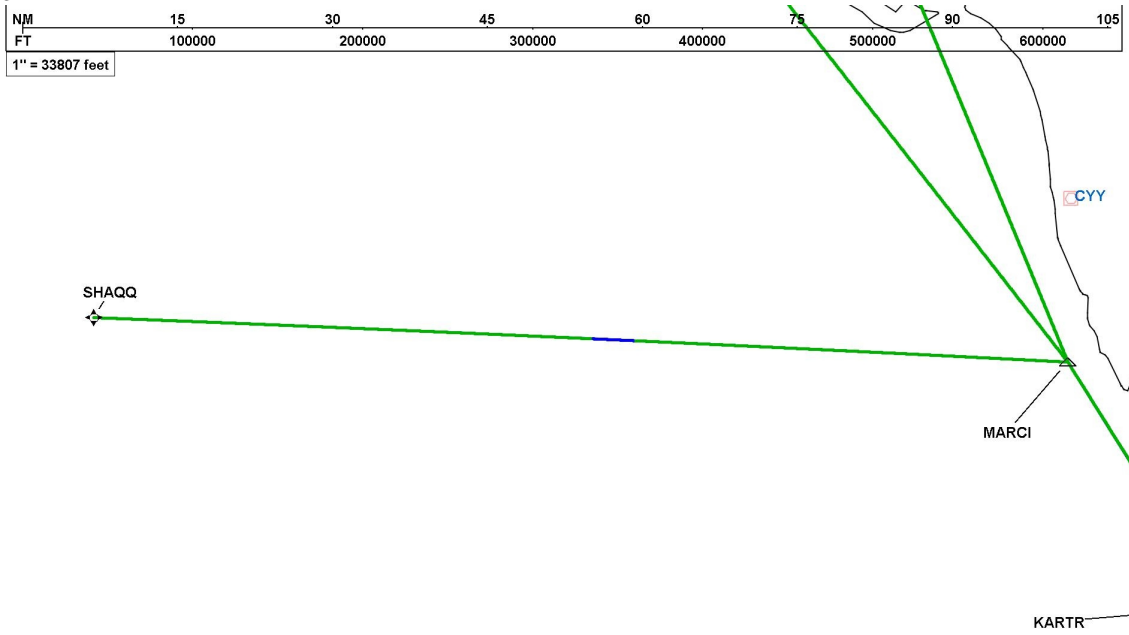
DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 2



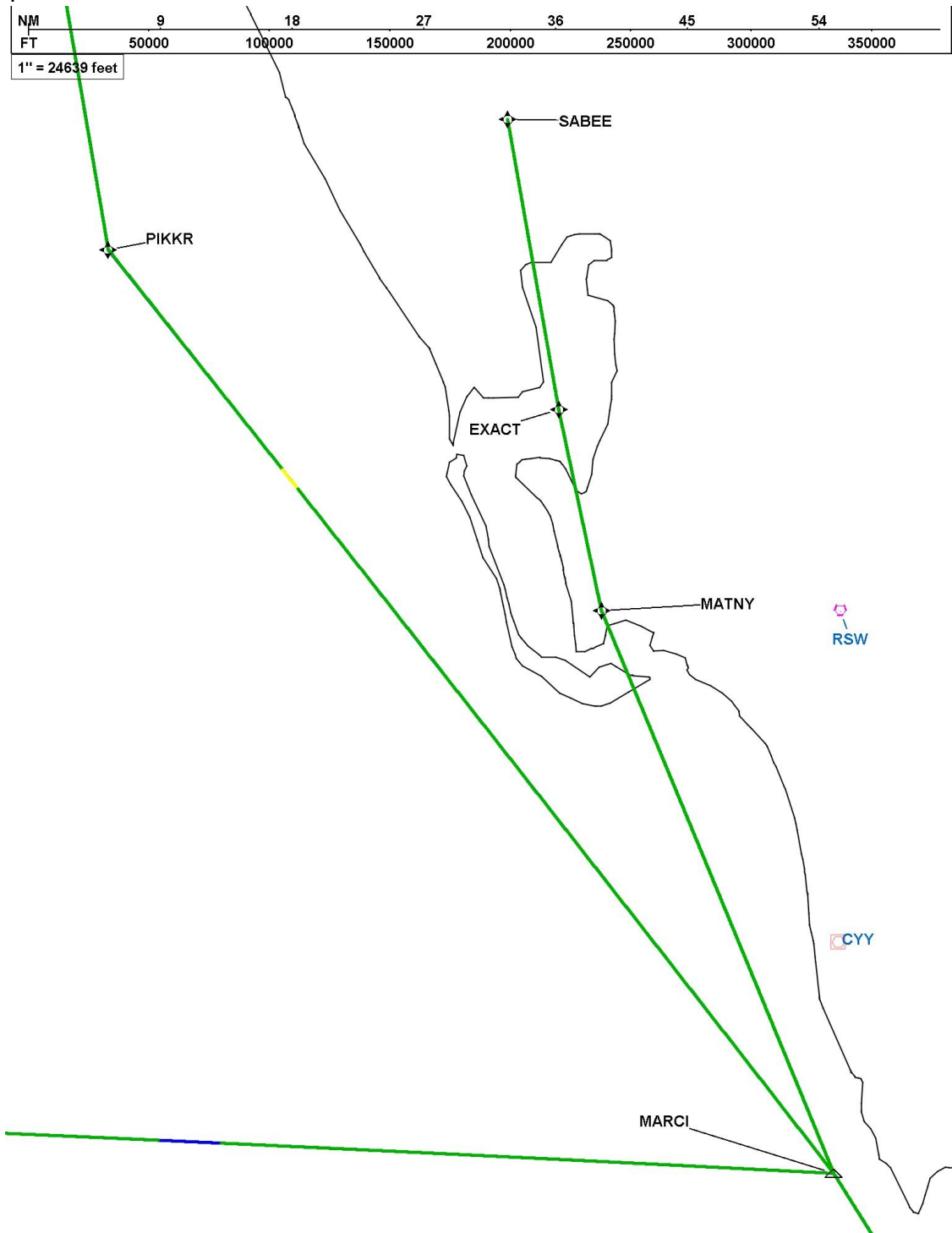
DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 3

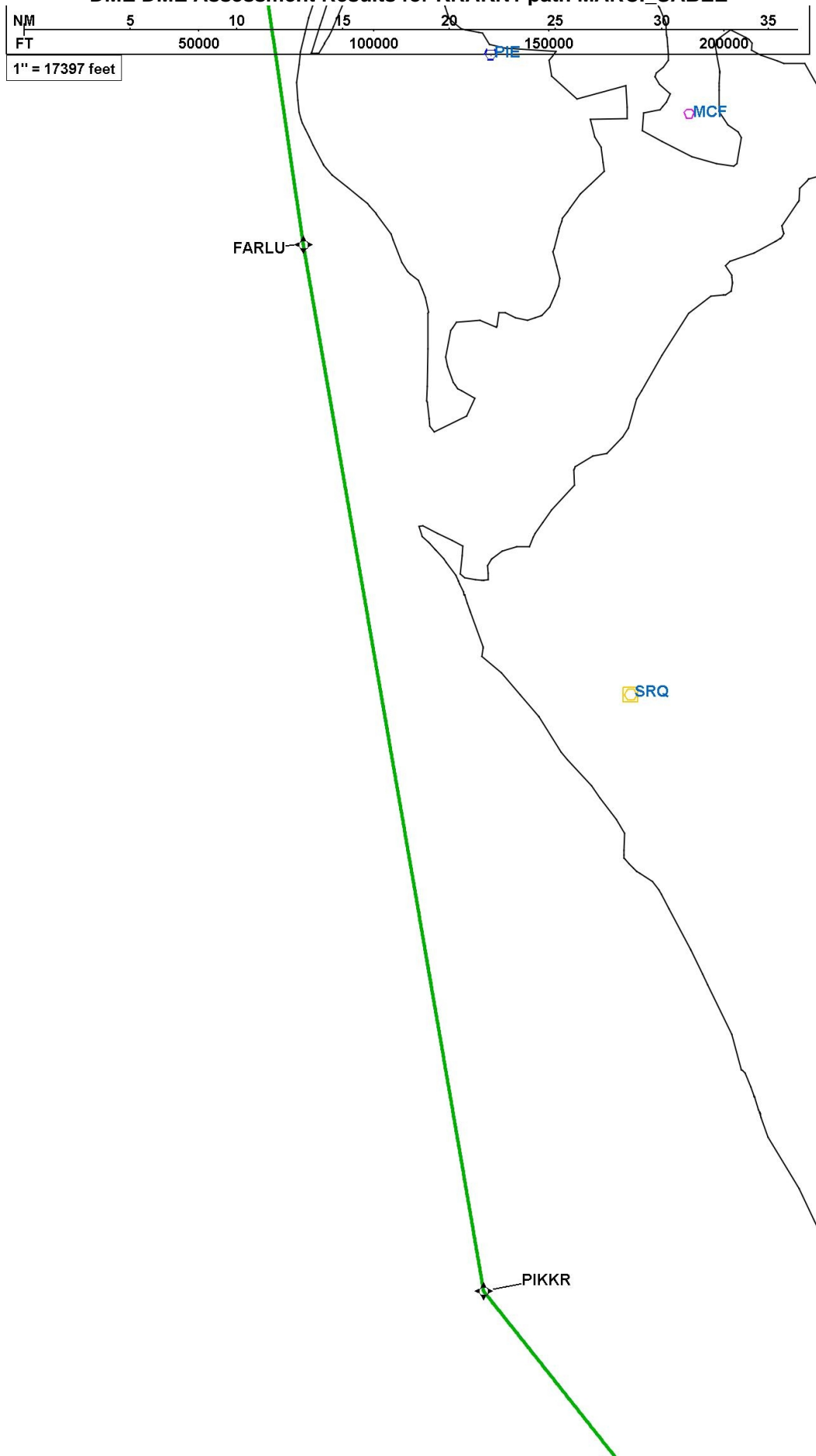


DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 4

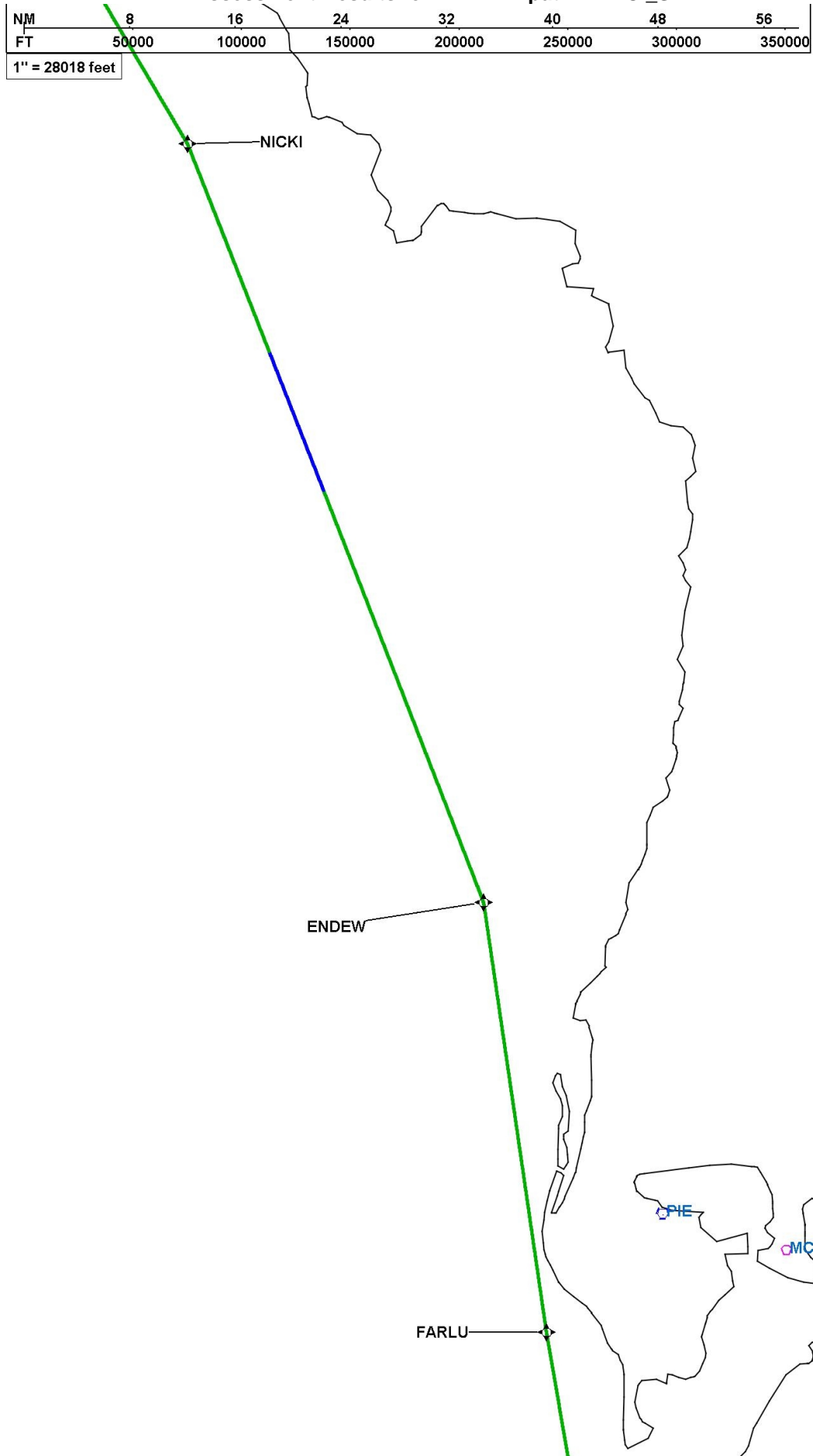


DME DME Assessment Results for KRAKN1 path MARCI SABEE

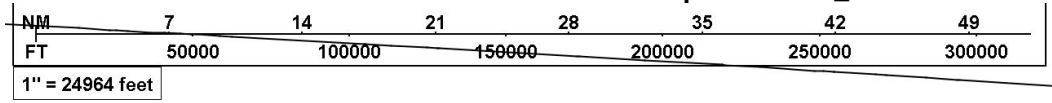


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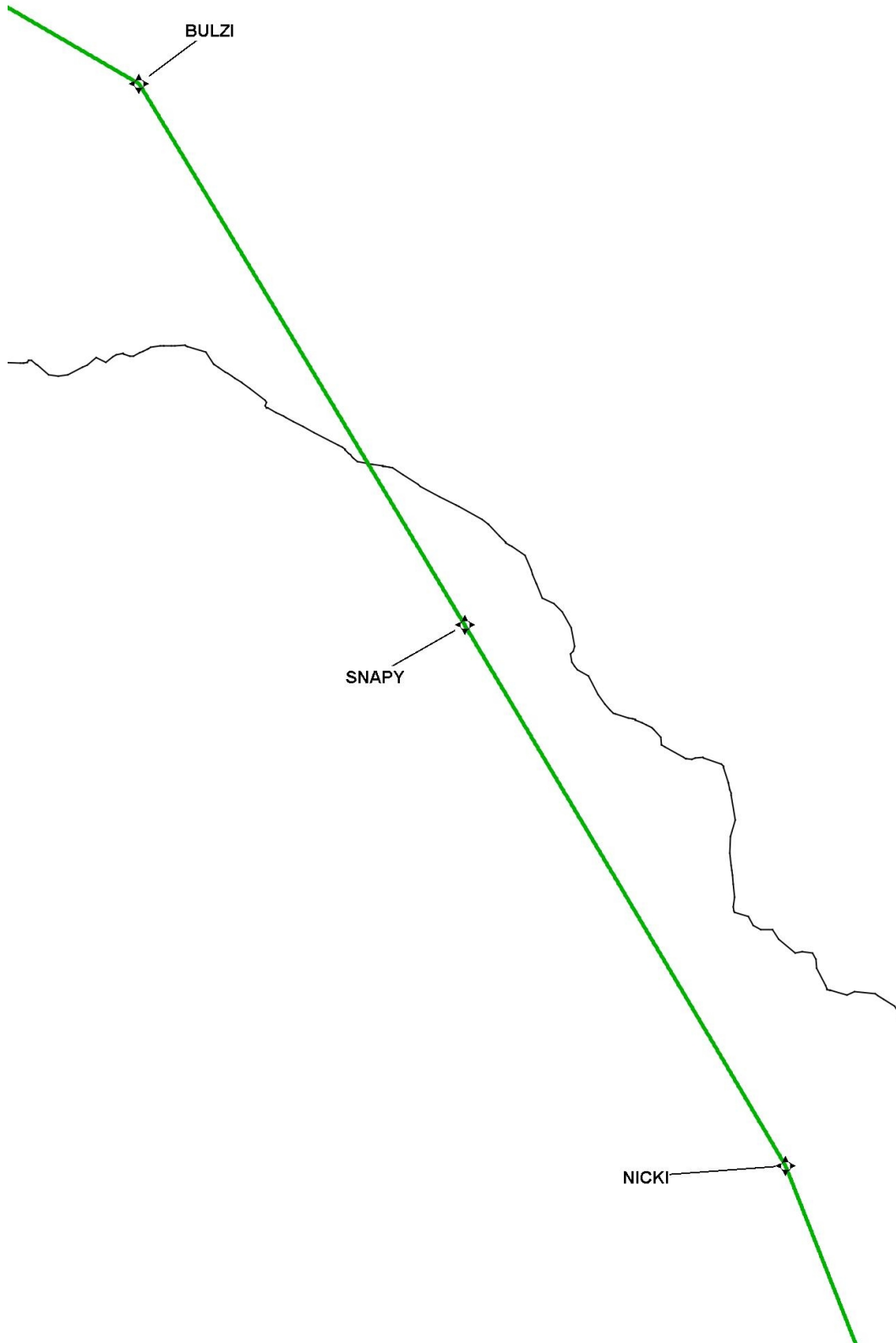
DME DME Assessment Results for KRAKN1 path MARCI_SABEE



DME DME Assessment Results for KRAKN1 path MARCI_SABEE

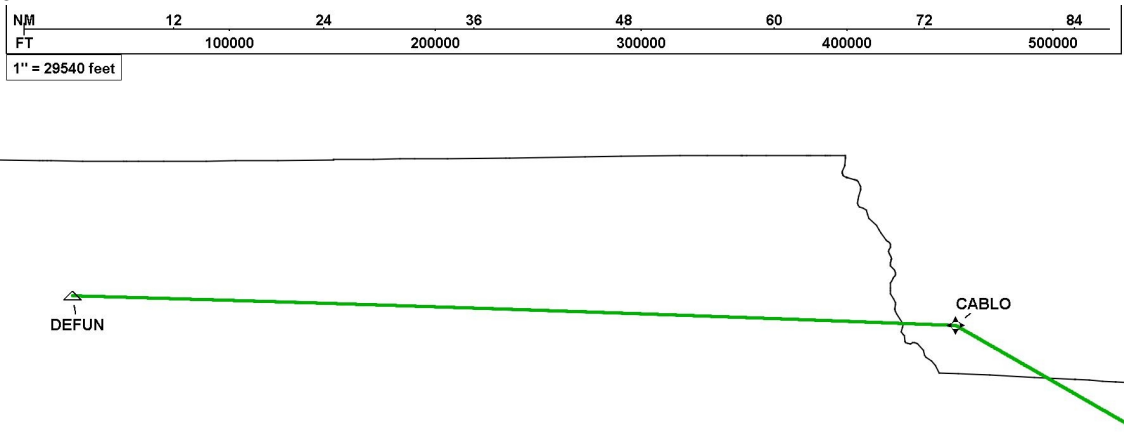


GEF



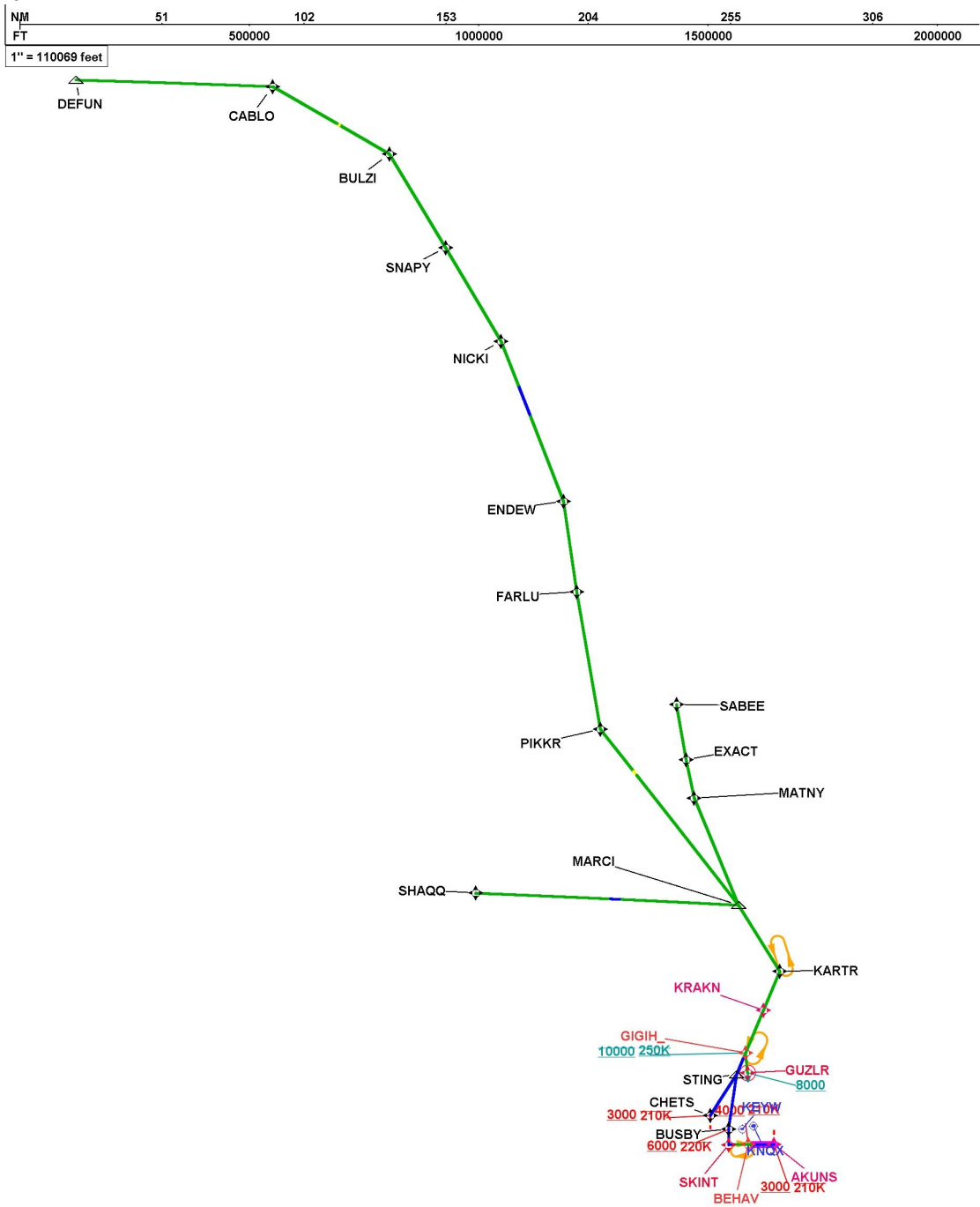
DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 9



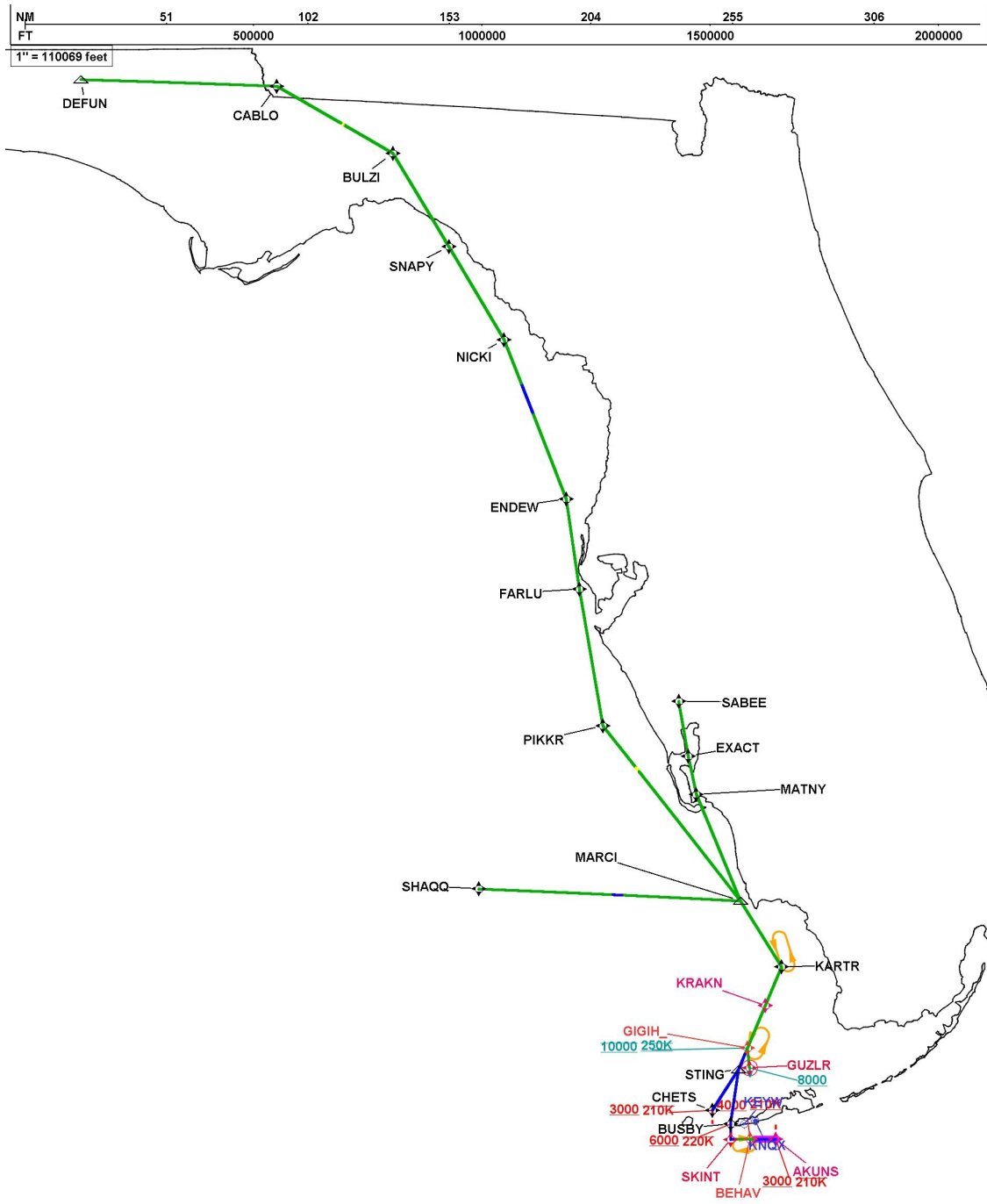
DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path MARCI_SABEE

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\MARCI_SHAQQ\KEYW KRAKN1 RNAV STAR MARCI SHAQQ 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
MARCI	WP	N25° 53' 27.84", W081° 47' 02.37"	14500	VNAV	250	FLY_BY	TF
SHAQQ	WP	N25° 57' 46.00", W083° 30' 30.00"	14500	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path MARCI_SHAQQ

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	IFPA	NO	Enabled	13 %	13 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	95.5 %	95.5 %
3	EYW	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	H	IFPA	NO	Enabled	95.5 %	95.5 %
4	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	DH	IFPA	NO	Enabled	44.5 %	44.5 %
5	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	23.9 %	23.9 %
6	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	23.2 %	23.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	EYW	VKZ	PHK	SRQ		
12.2	EYW	VKZ	SRQ			
14.2	EYW	VKZ	LBV	SRQ		
36.6	VKZ	SRQ	EYW			
41.6						
45.7	EYW	SRQ				
71.7	RSW	EYW	SRQ			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 55' 31.94", W082° 33' 06.02"	N25° 55' 43.37", W082° 37' 38.32"	4.0959

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MARCI	SHAQQ	LBV, PHK, EYW, SRQ, VKZ, RSW	

DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

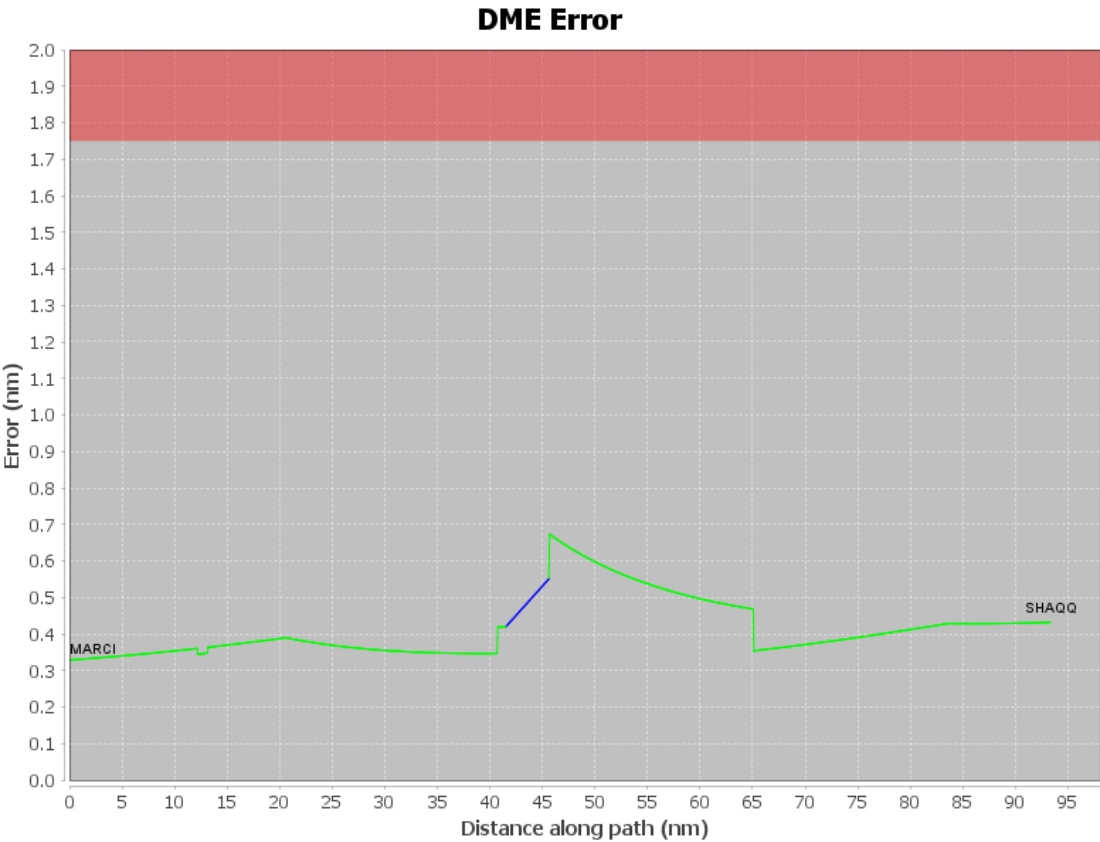
User Data Files

File Name

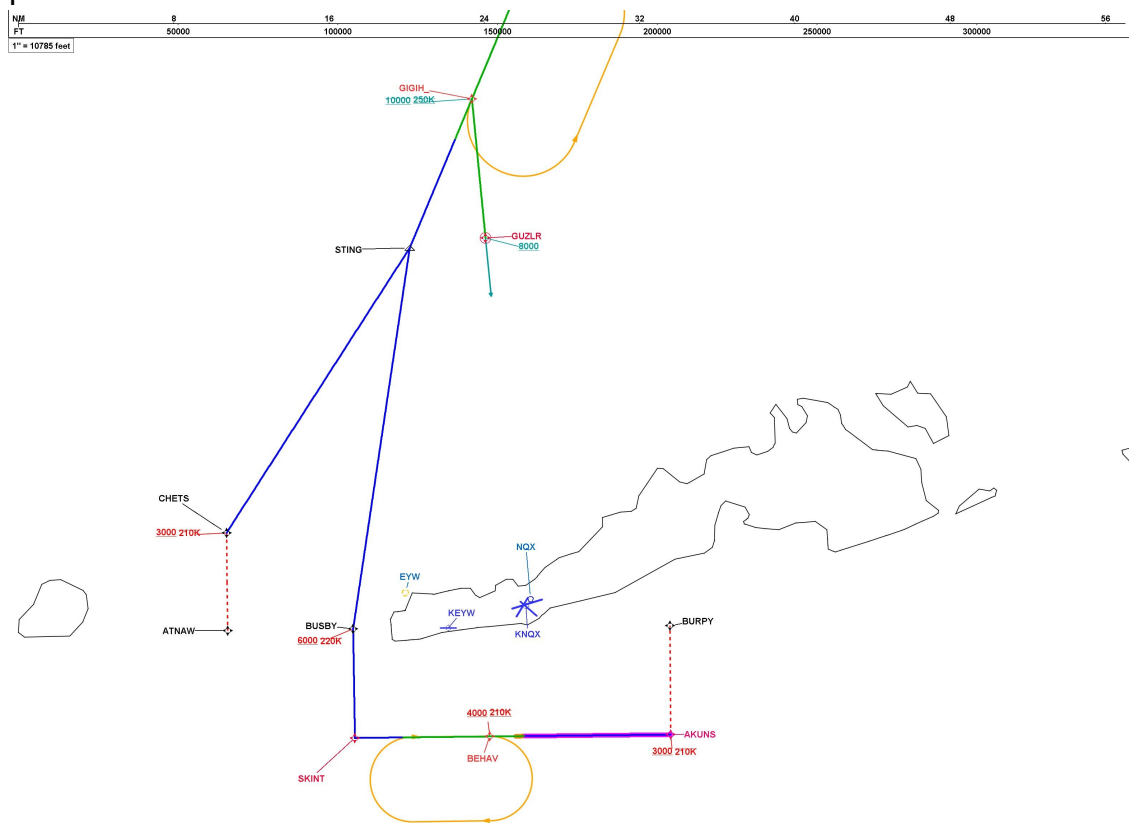
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
ESV:		Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
ESV:		Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
ESV:		Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
ESV:		Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
ESV:		Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
ESV:		Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
ESV:		Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
ESV:		Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
ESV:		Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

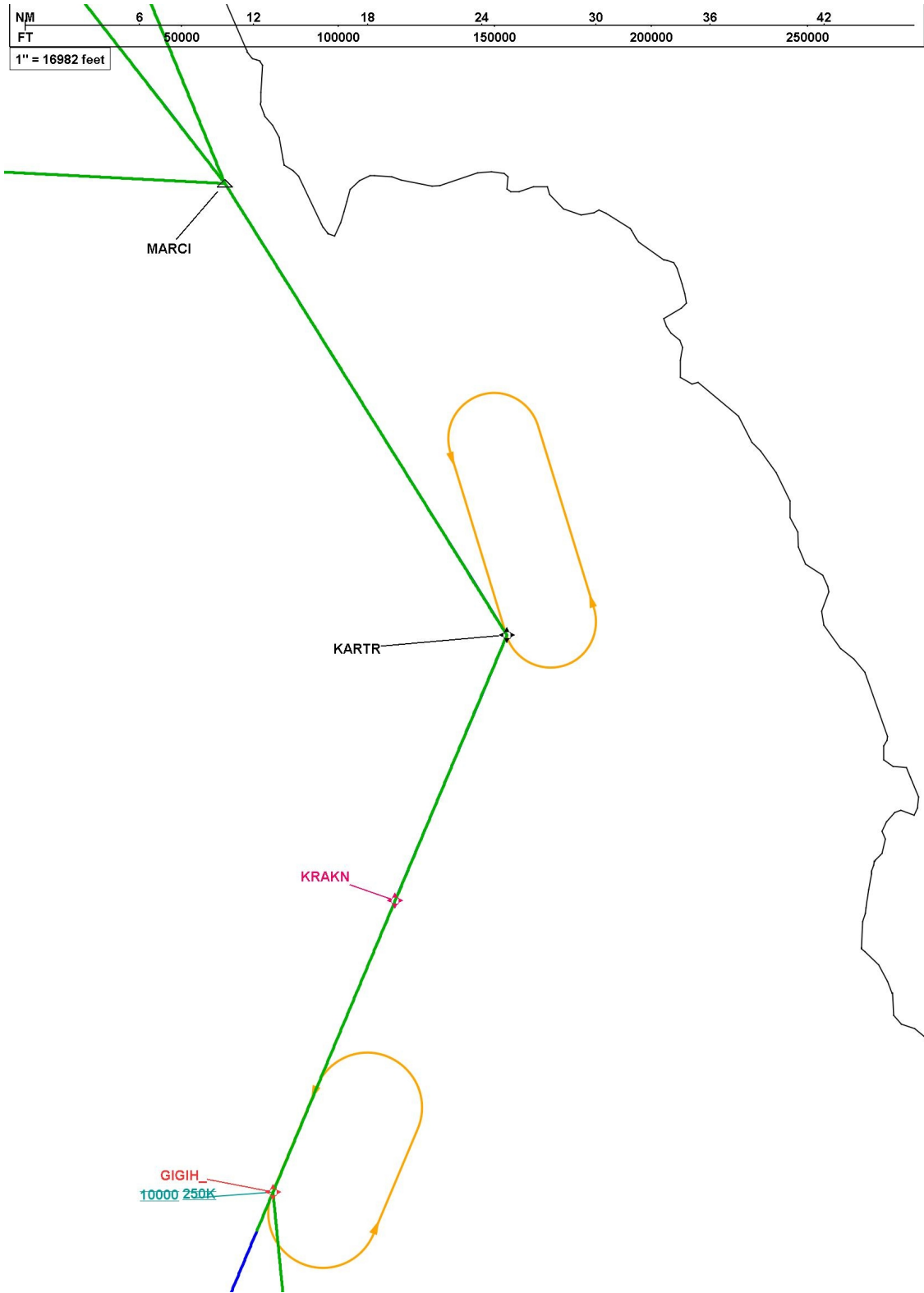


Graphic Depiction 1



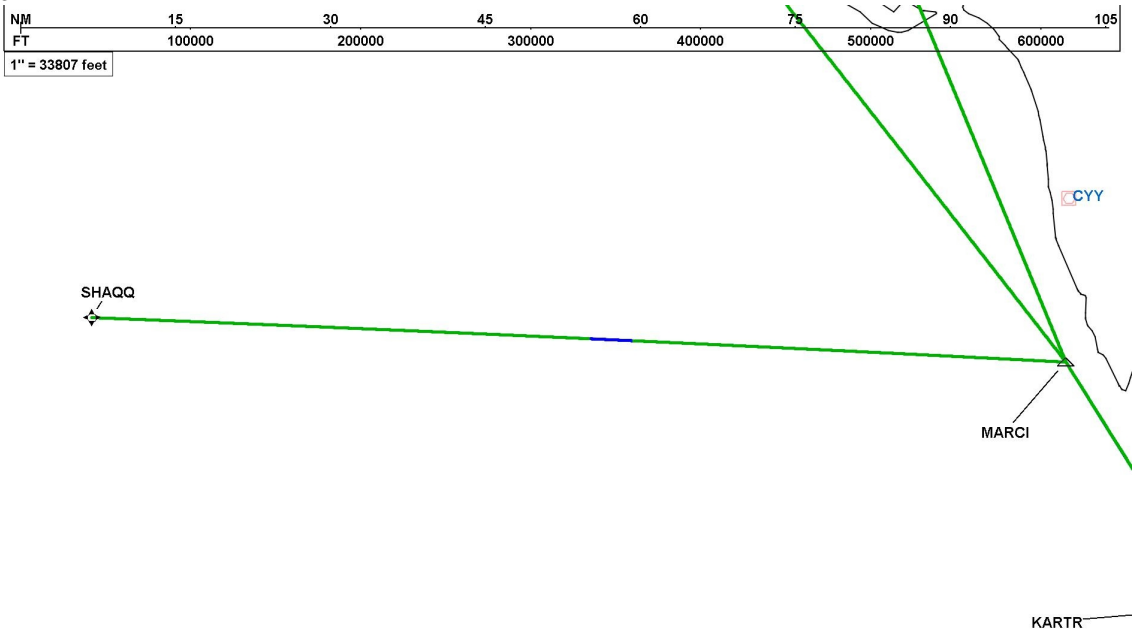
DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 2



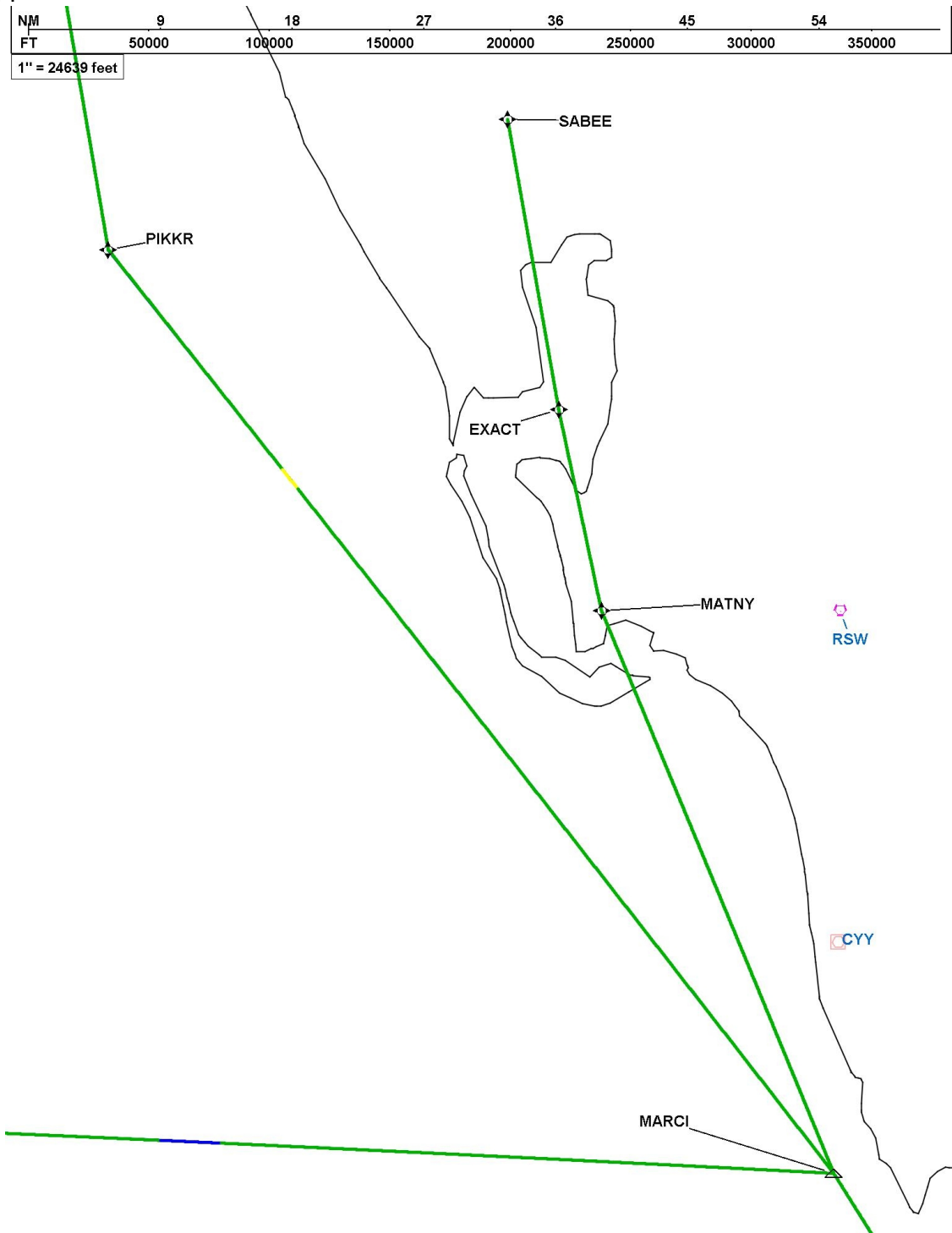
DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 3



DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 4



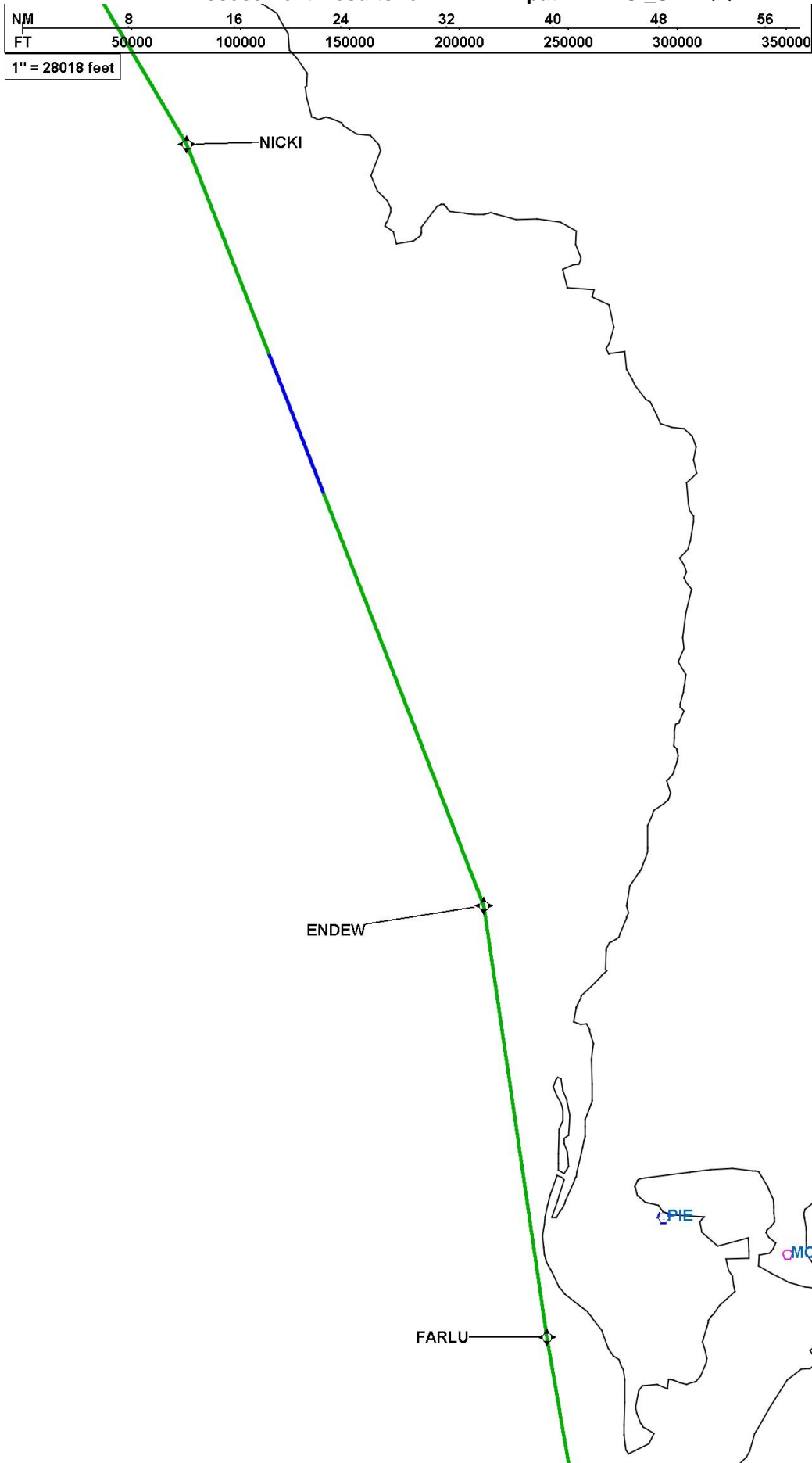
Graphic Depiction 5

DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ



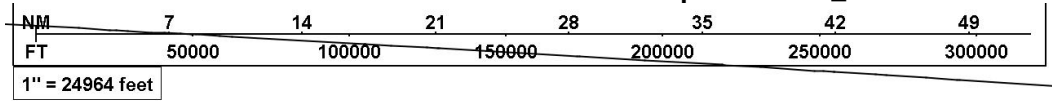
Graphic Depiction 6

DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

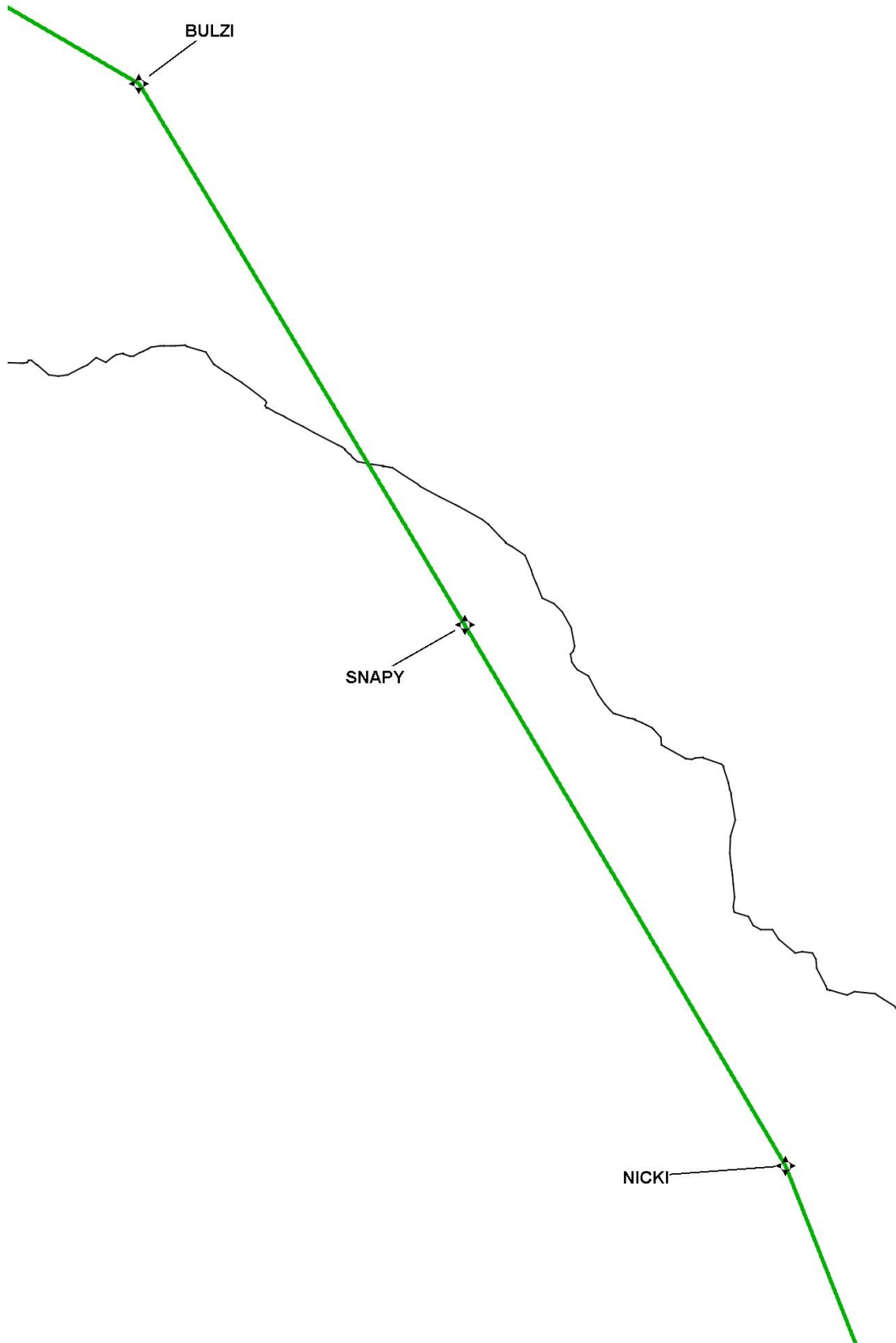


Graphic Depiction 7

DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

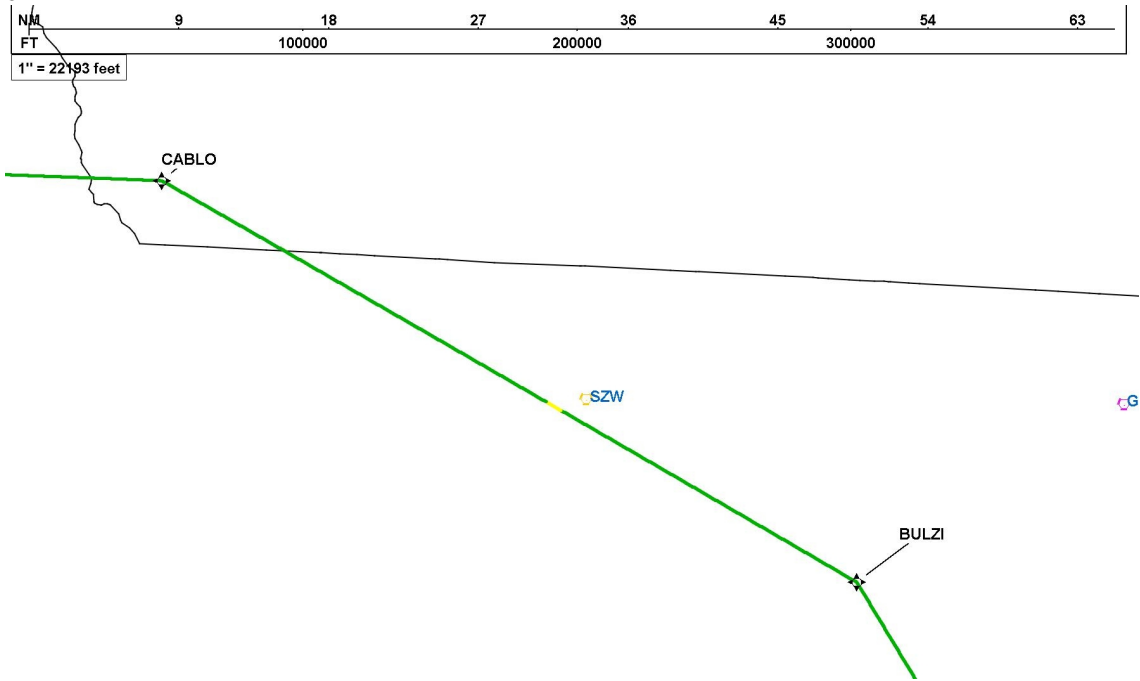


GEF



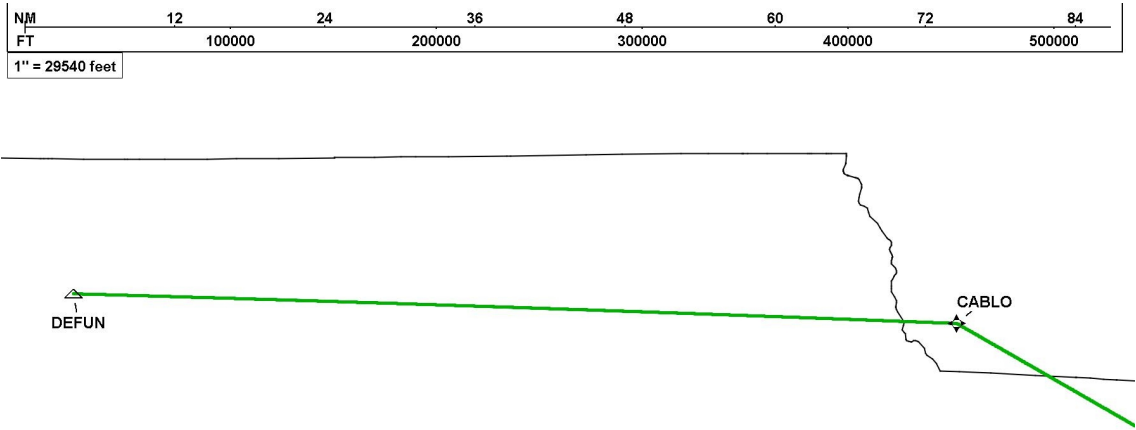
DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 8



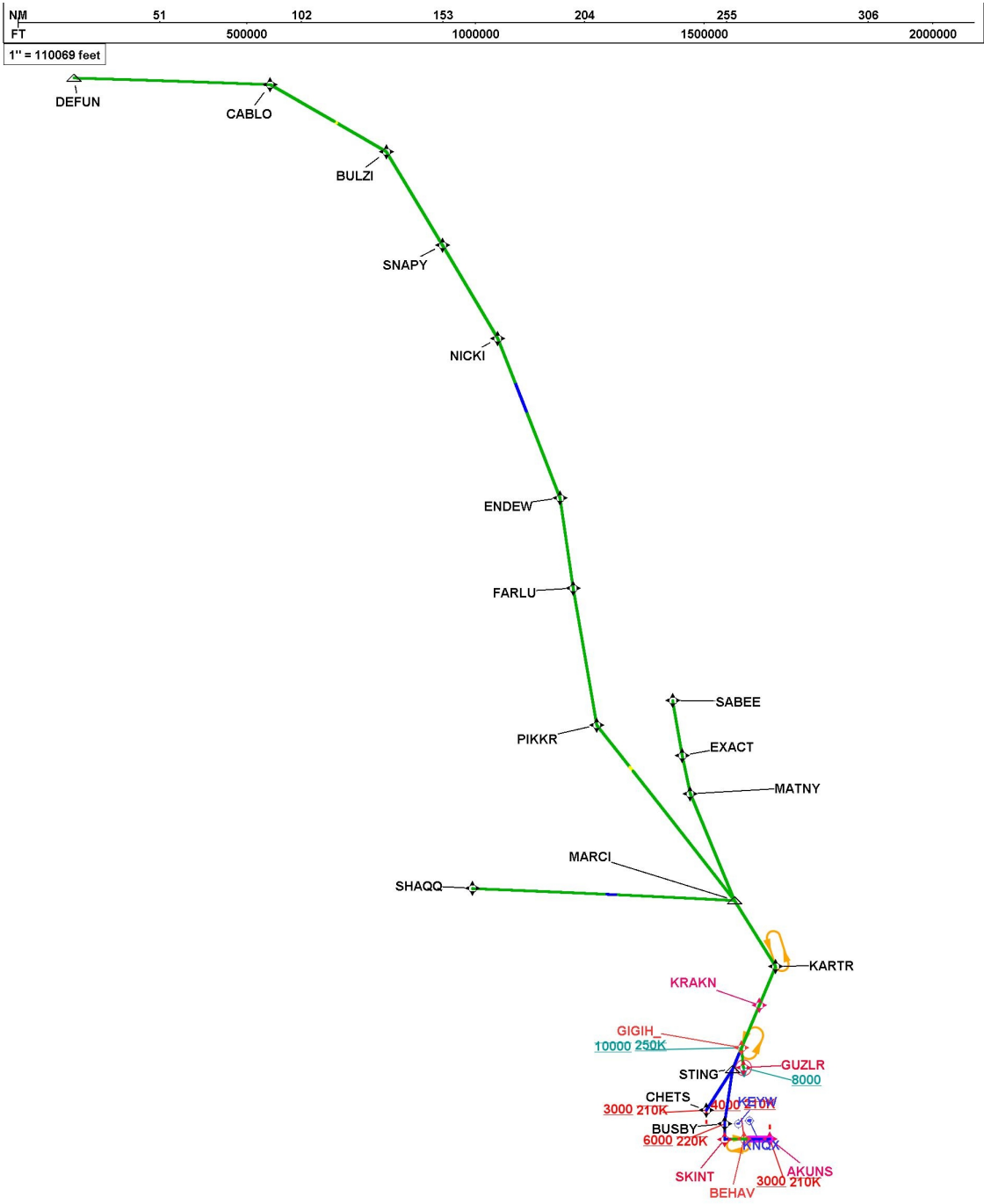
DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 9



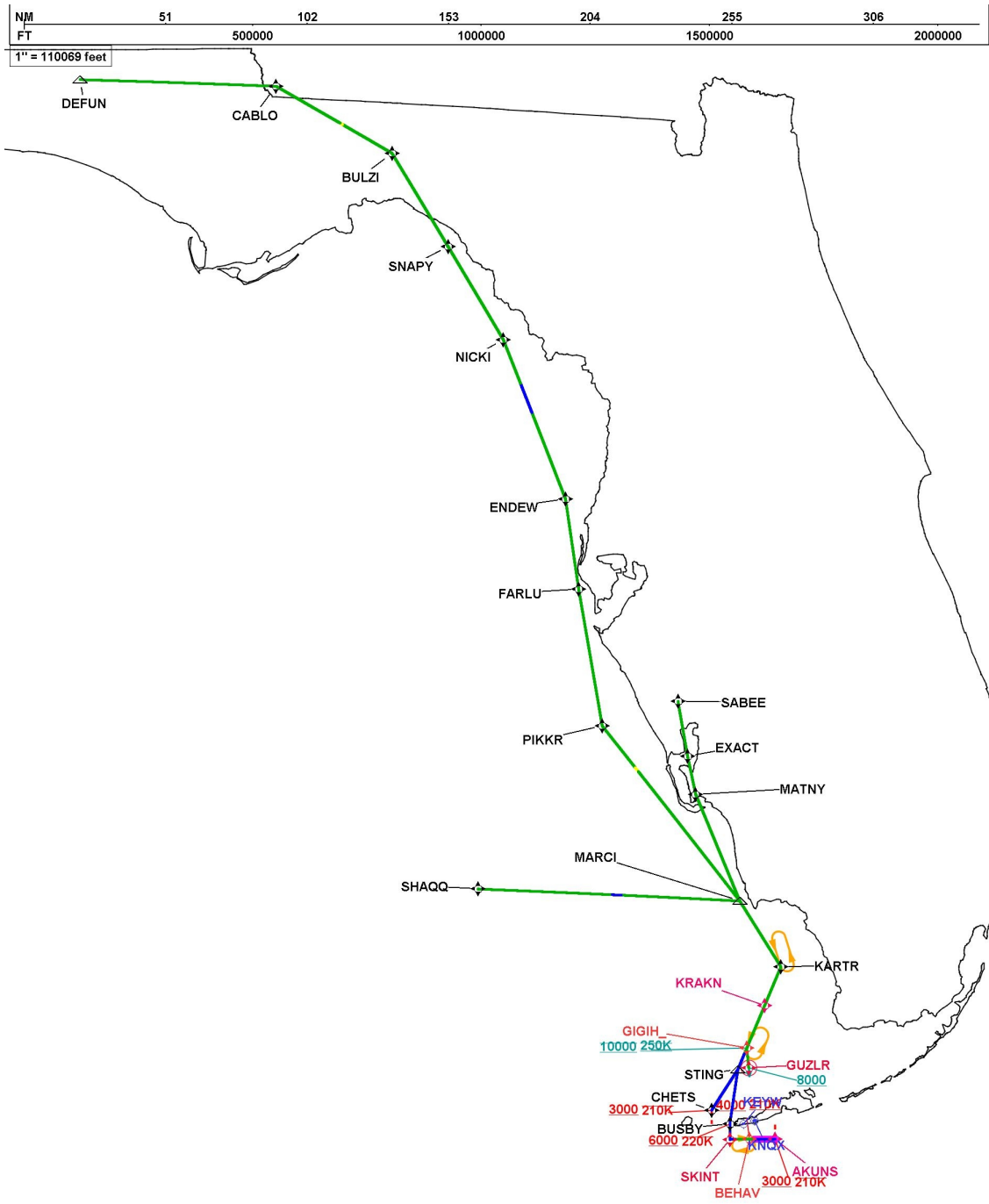
DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path MARCI_SHAQQ

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\PIKKR_DEFUN\KEYW KRAKN1 RNAV STAR PIKKR DEFUN 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PIKKR	WP	N26° 56' 24.43", W082° 41' 25.28"	16000	VNAV	250	FLY_BY	TF
FARLU	WP	N27° 45' 32.56", W082° 50' 43.77"	16000	VNAV	250	FLY_BY	TF
ENDEW	WP	N28° 18' 01.73", W082° 55' 56.70"	16000	VNAV	250	FLY_BY	TF
NICKI	WP	N29° 15' 20.19", W083° 20' 31.80"	16000	VNAV	250	FLY_BY	TF
SNAPY	WP	N29° 48' 51.17", W083° 42' 23.61"	16000	VNAV	250	FLY_BY	TF
BULZI	WP	N30° 22' 24.93", W084° 04' 34.47"	16000	VNAV	250	FLY_BY	TF
CABLO	WP	N30° 46' 29.00", W084° 50' 24.00"	16000	VNAV	250	FLY_BY	TF
DEFUN	WP	N30° 48' 51.27", W086° 07' 53.09"	16000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path PIKKR_DEFUN

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	38 %	38 %
2	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	44.7 %	44.6 %
3	OZR	N31° 16' 08.22", W085° 43' 34.73"	3.0 W	40	L	IFPA	NO	Enabled	13.2 %	13.2 %
4	TRV	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	H	IFPA	NO	Enabled	5.9 %	5.9 %
5	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	IFPA	NO	Enabled	10.5 %	10.5 %
6	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	16.8 %	16.9 %
7	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled	13.2 %	13.2 %
8	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	18.1 %	18.1 %
9	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	22 %	22.1 %
10	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	34.9 %	34.9 %
11	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	43 %	43 %
12	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled	49.9 %	49.8 %
13	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled	17.4 %	17.4 %
14	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	42.7 %	42.8 %
15	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	5.9 %	5.9 %
16	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	3 %	3 %
17	CEW	N30° 49' 34.23", W086° 40' 44.92"	3.0 E	130	H	IFPA	NO	Enabled	21.1 %	21 %
18	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	24.6 %	24.7 %
19	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Enabled	44.8 %	44.7 %
20	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled	20.6 %	20.5 %
21	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled	55.2 %	55.2 %

DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	LBV	PIE	SRQ	LAL	TRV	
19.8	SRQ	PIE	MLB	LAL	MCF	
80.3	ORL	SRQ	PIE	LAL	MLB	
92.1	ORL	SRQ	PIE	LAL		
114.2	LAL	SRQ				
115.5						
126.7	LAL	CTY				
126.8	LAL	CTY	TAY	PIE	SRQ	
138.0	CTY	PIE	TAY	SRQ		
139.2	SZW	CTY	PIE	TAY	SRQ	OTK
154.8	SZW	CTY	PIE	TAY	OTK	
155.2	SZW	CTY	TAY	OTK		
167.2	CTY	OTK	TAY	SZW	PZD	
183.0	TAY	SZW	OTK	PZD		
184.3	TAY	SZW	OTK	PAM	PZD	
233.3	PZD	GEF	OTK	PAM	TAY	
243.2	PZD	GEF	MAI	OTK	PAM	
247.4	PZD	MAI	SZW	OTK	PAM	
274.6	PZD	SZW	PAM	CEW	OTK	
286.3	PAM	SZW	PZD	CEW	RRS	
320.6	OZR	MAI	CEW	SZW	PAM	MGM
321.5	OZR	CEW	SZW	PAM	MGM	PZD

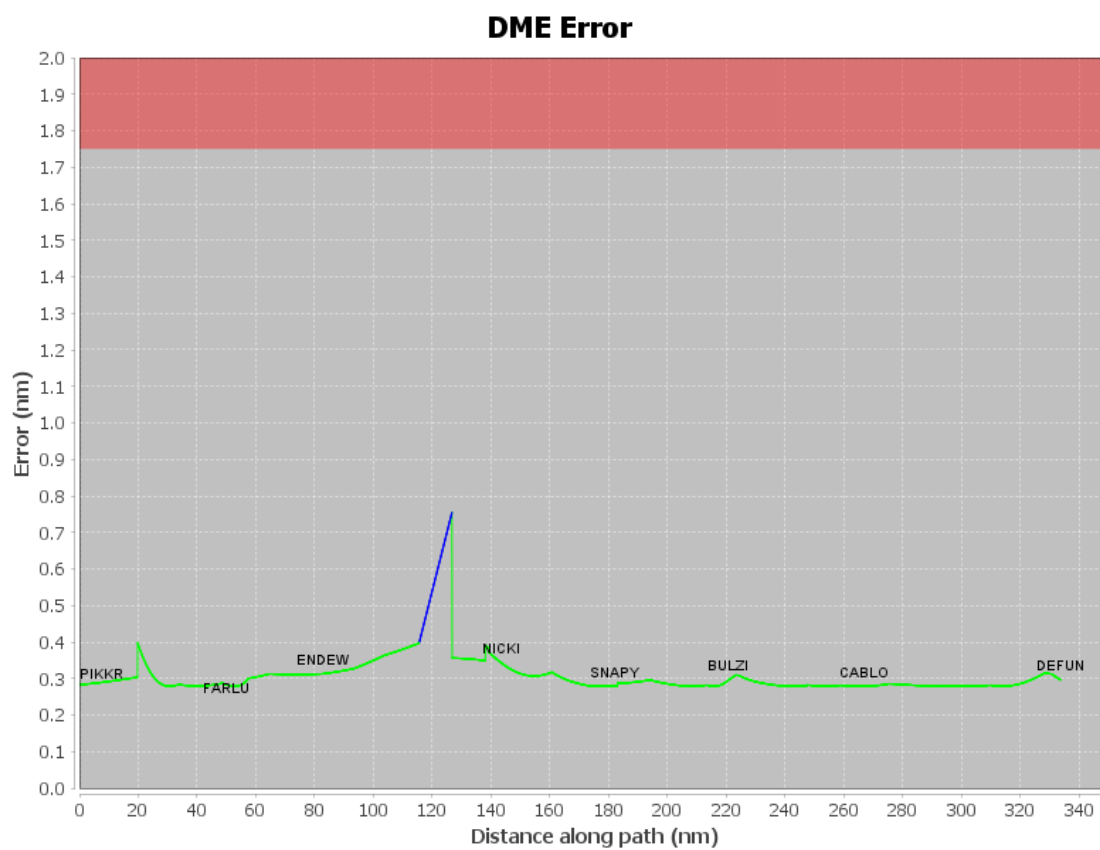
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N28° 49' 06.15", W083° 09' 12.93"	N28° 59' 35.11", W083° 13' 43.46"	11.1795

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PIKKR	FARLU	LBV, MCF, MLB, SRQ, OCF, LAL, ORL, TRV, PIE	
FARLU	ENDEW	MCF, MLB, SRQ, OCF, LAL, ORL, PIE	
ENDEW	NICKI	SZW, MLB, SRQ, LAL, OTK, ORL, CTY, PIE, TAY	
NICKI	SNAPY	SZW, SRQ, OTK, CTY, PZD, TAY, PIE	
SNAPY	BULZI	SZW, OTK, CTY, GEF, PZD, TAY, PAM	
BULZI	CABLO	SZW, MAI, CEW, OTK, GEF, PZD, TAY, PAM	
CABLO	DEFUN	SZW, RRS, MGM, CEW, MAI, OZR, OTK, PZD, PAM	

DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

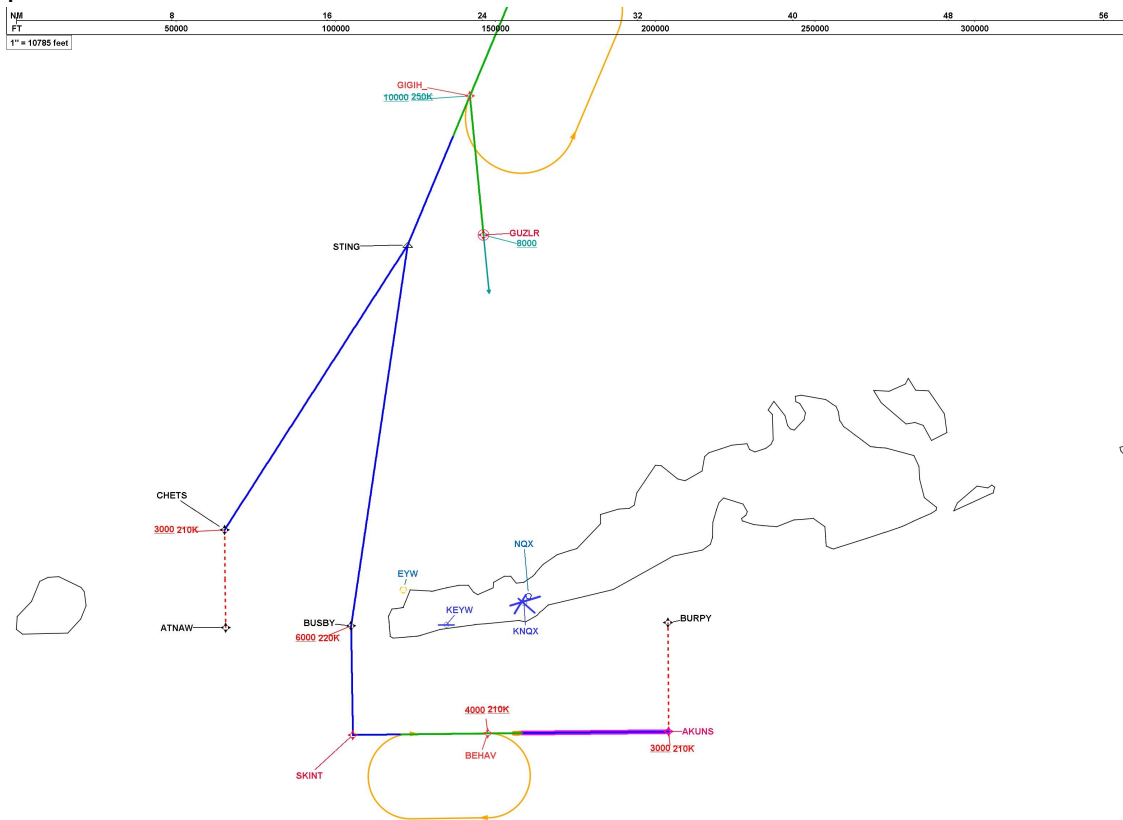
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
ESV:		Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
ESV:		Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
ESV:		Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
ESV:		Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
ESV:		Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
ESV:		Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
ESV:		Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
ESV:		Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
ESV:		Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN



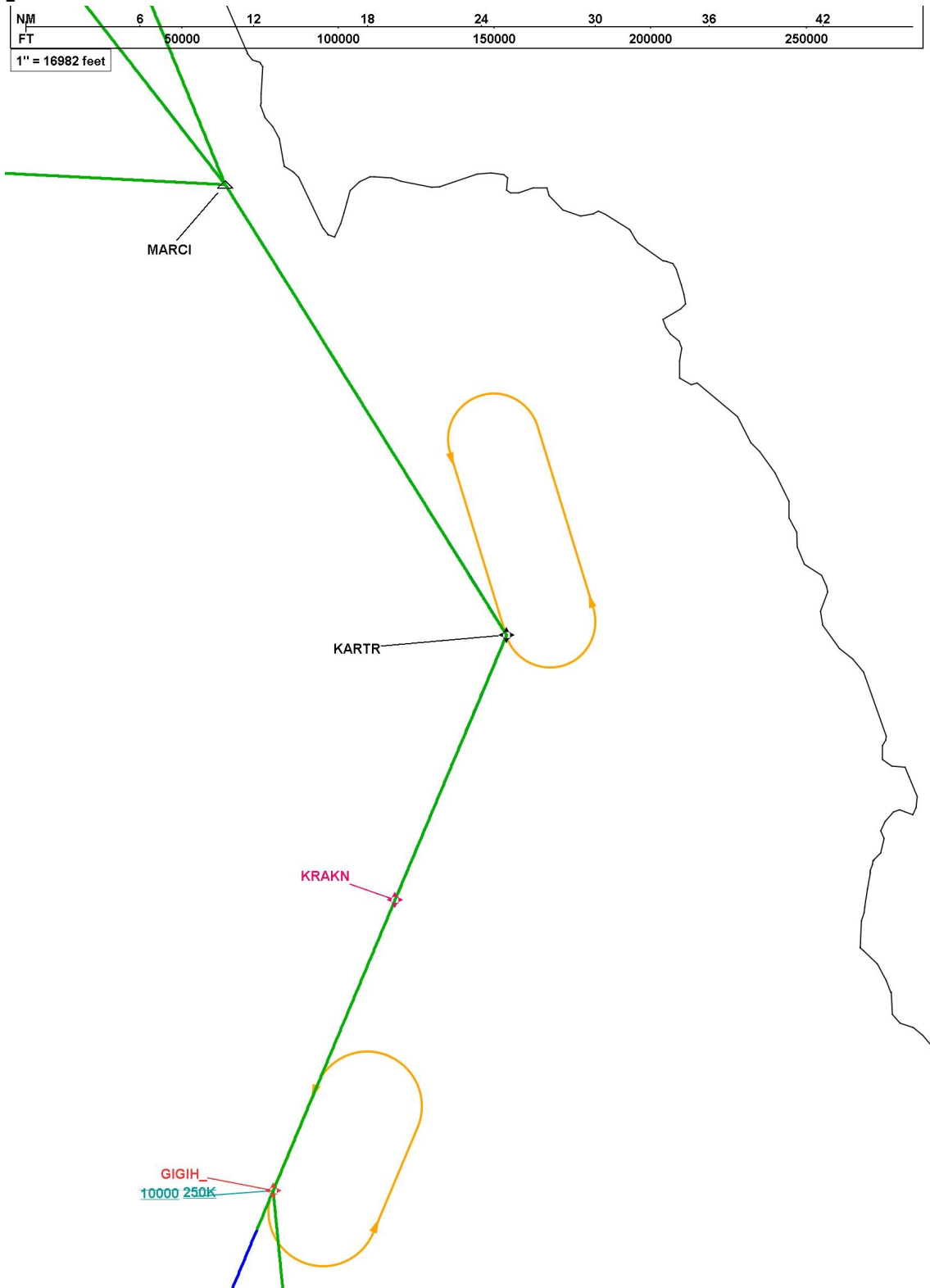
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 1



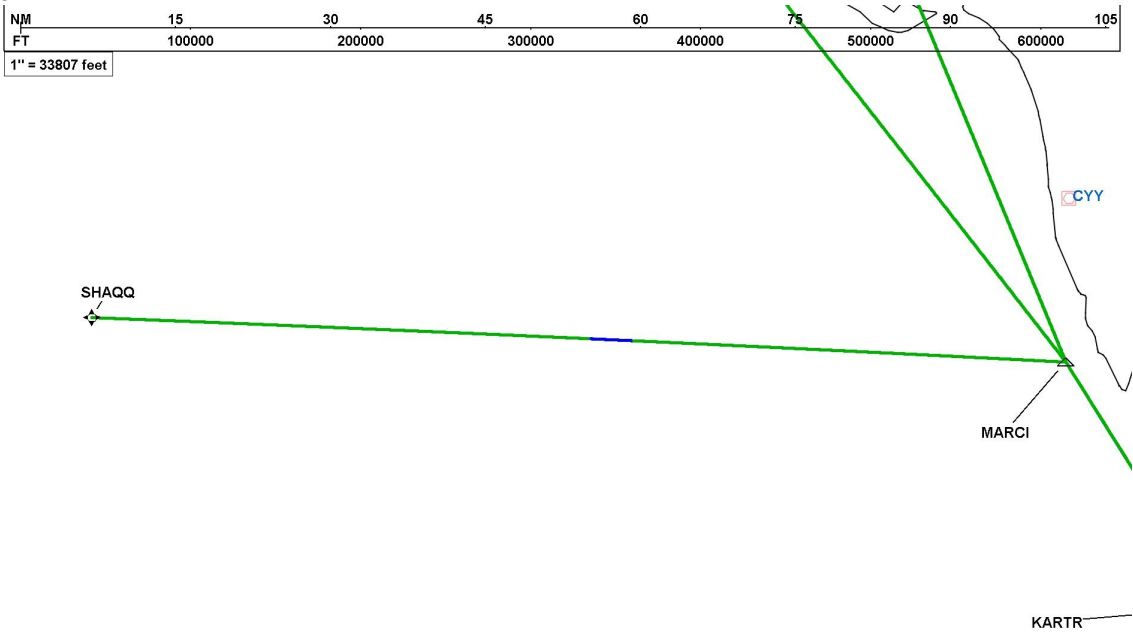
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 2



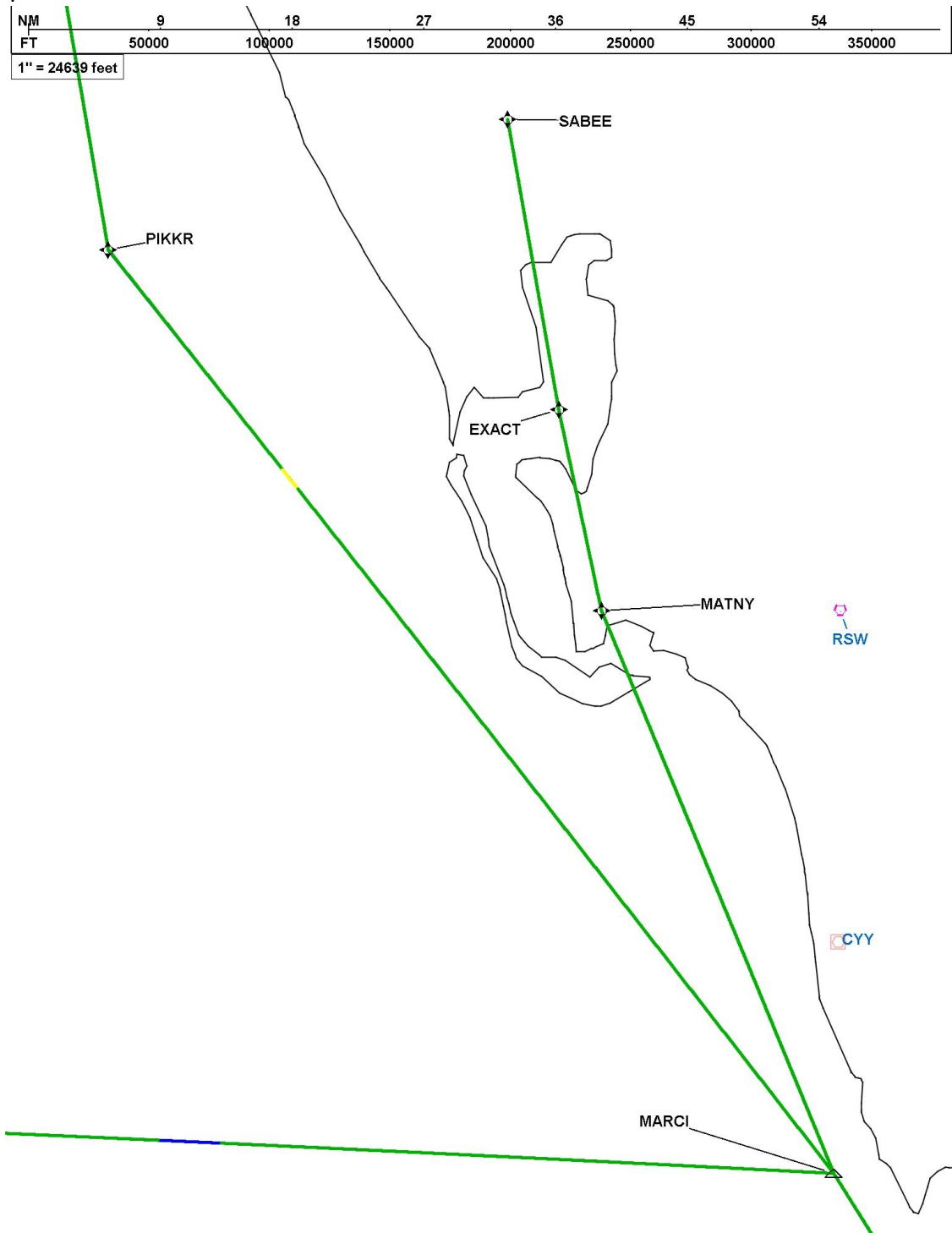
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 3



DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

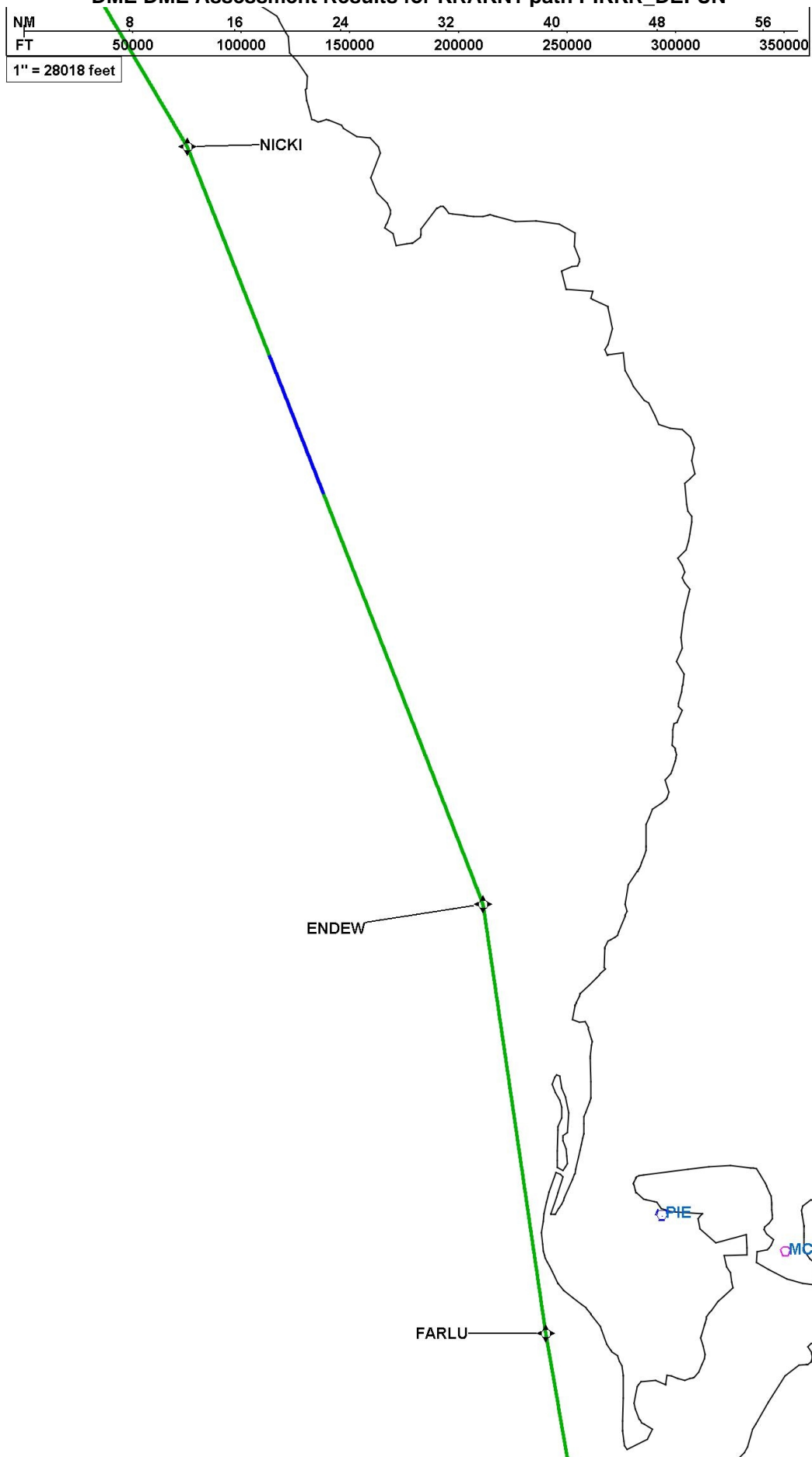
Graphic Depiction 4



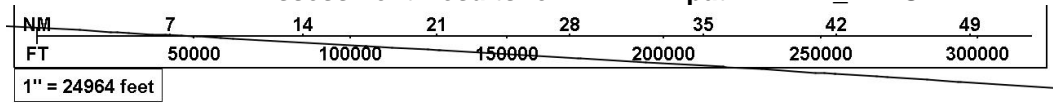
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN



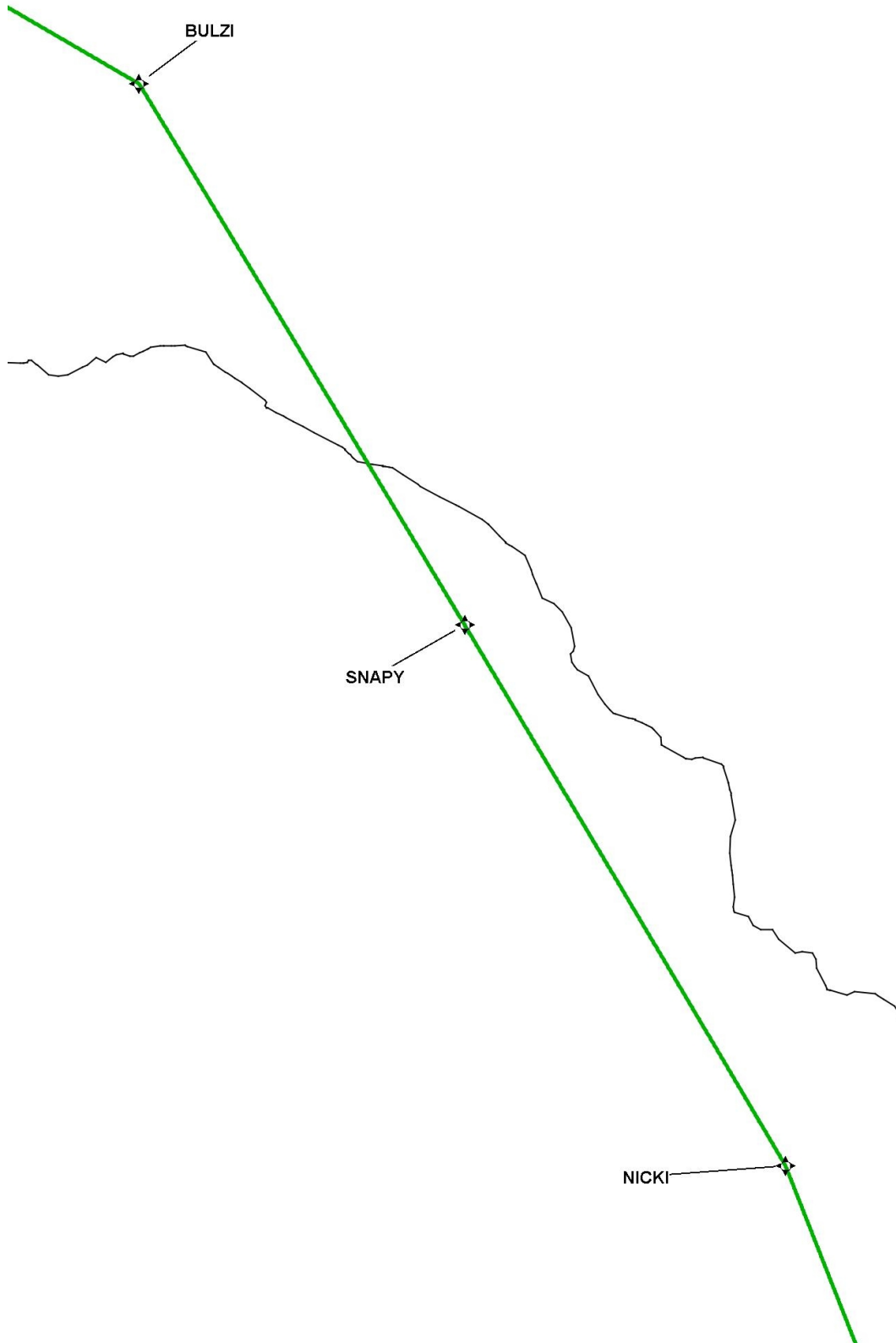
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN



DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

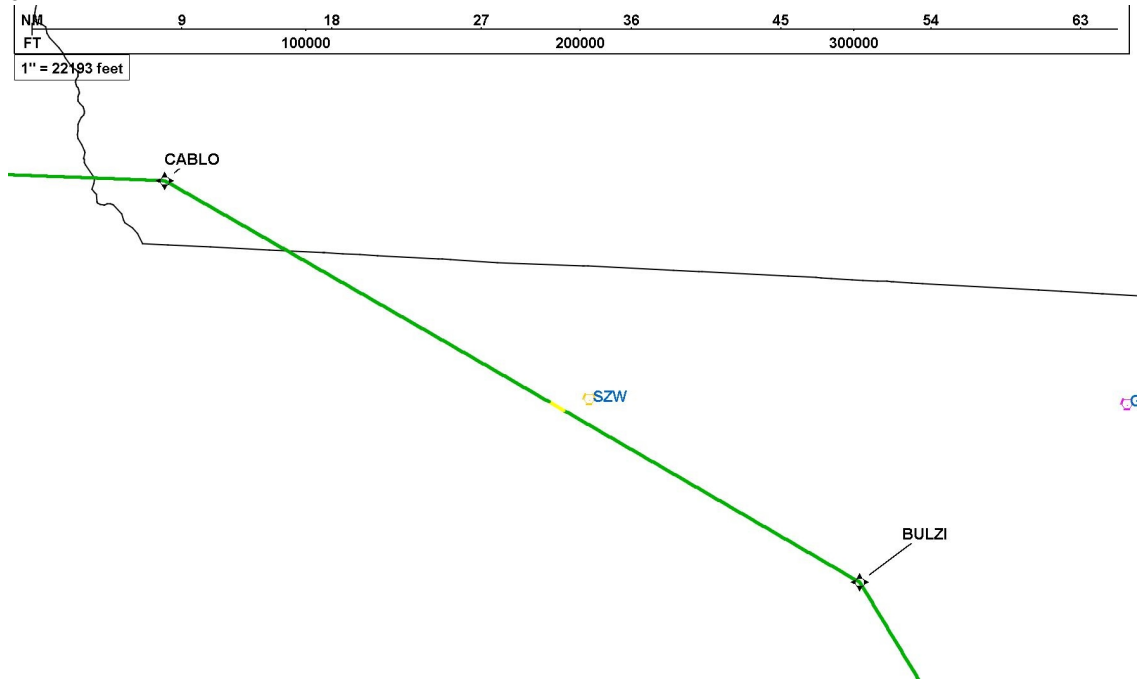


GEF



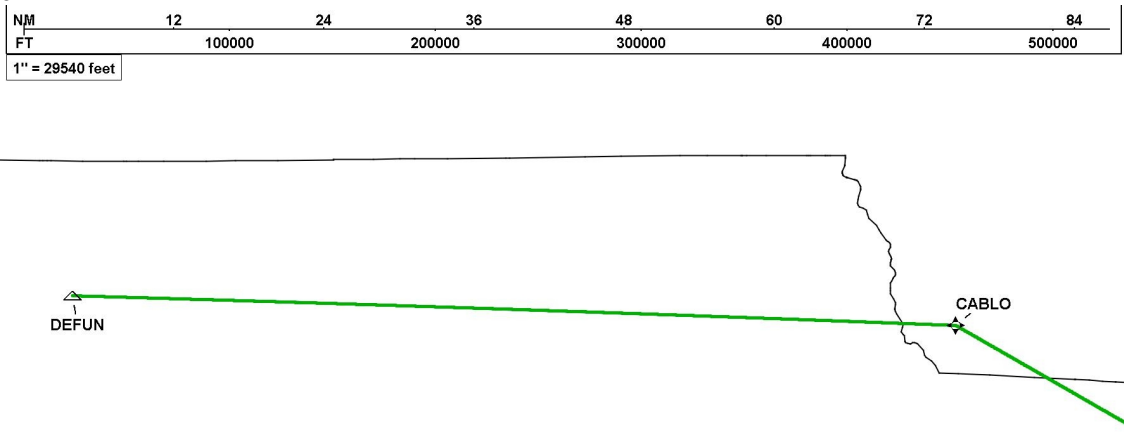
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 8



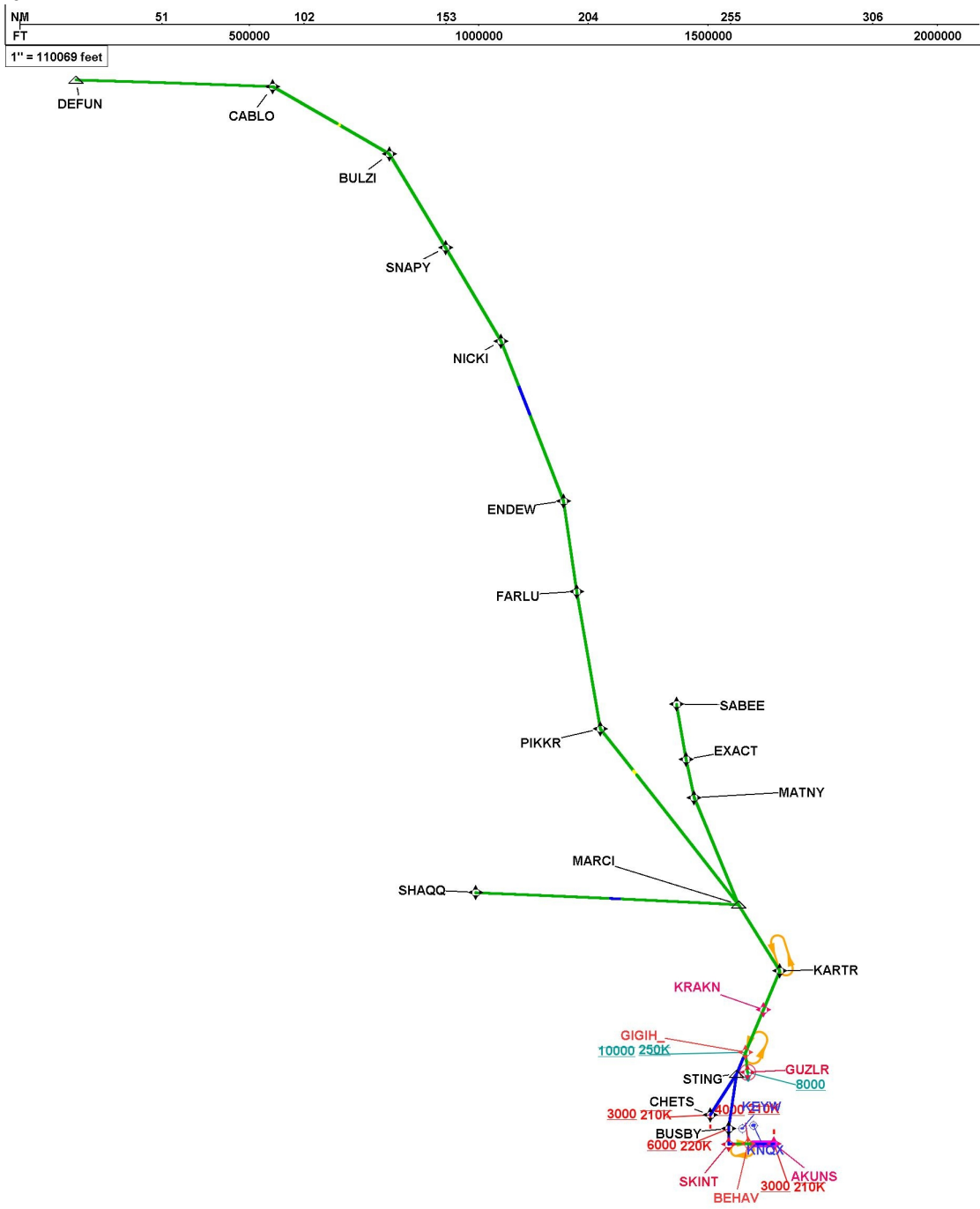
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 9



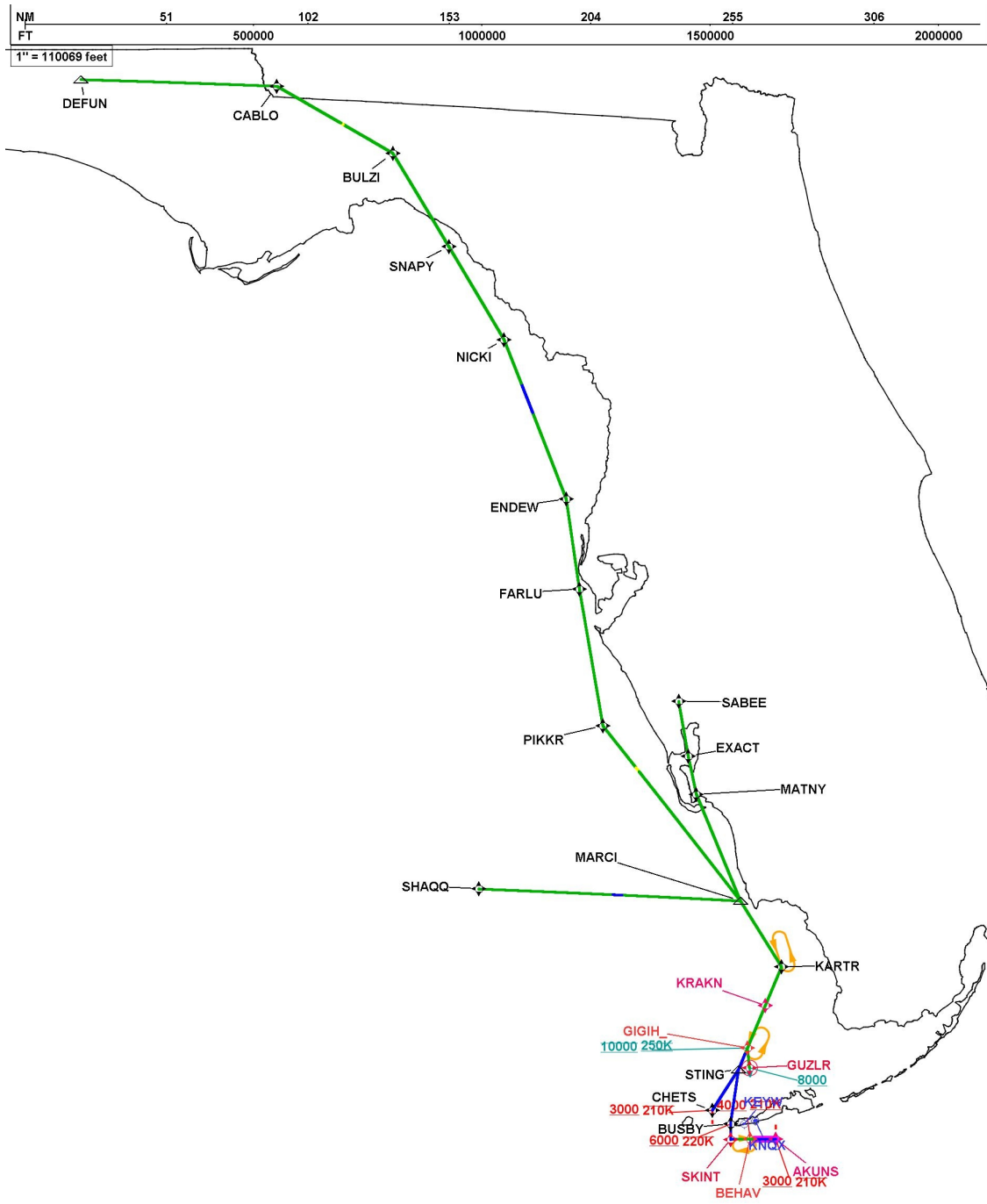
DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path PIKKR_DEFUN

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\SABEE_MARCI\KEYW KRAKN1 RNAV STAR SABEE MARCI 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
SABEE	WP	N27° 05' 16.20", W082° 11' 29.33"	14500	VNAV	250	FLY_BY	TF
EXACT	WP	N26° 45' 29.90", W082° 07' 39.62"	14500	VNAV	250	FLY_BY	TF
MATNY	WP	N26° 31' 49.04", W082° 04' 27.61"	14500	VNAV	250	FLY_BY	TF
MARCI	WP	N25° 53' 27.84", W081° 47' 02.37"	14500	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path SABEE_MARCI

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	IFPA	NO	Enabled	15.3 %	15.3 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	100 %	100 %
3	TRV	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	H	IFPA	NO	Enabled	24.9 %	24.9 %
4	EYW	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	H	IFPA	NO	Enabled	22.8 %	22.8 %
5	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	DH	IFPA	NO	Enabled	83.3 %	83.3 %
6	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	36.6 %	36.6 %
7	MLB	N28° 06' 19.12", W080° 38' 06.46"	7.0 W	130	DH	IFPA	NO	Enabled	57.6 %	57.6 %
8	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	96.9 %	96.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MLB	SRQ	TRV	LBV		
2.3	TRV	RSW	MLB	SRQ	LBV	
18.8	LBV	SRQ	RSW	MLB	VKZ	
27.6	MLB	SRQ	RSW	VKZ		
43.4	RSW	SRQ	VKZ			
63.8	RSW	VKZ	PHK	SRQ	EYW	
75.3	EYW	VKZ	PHK	SRQ		

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

DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
SABEE	EXACT	LBV, MLB, SRQ, VKZ, RSW, TRV	
EXACT	MATNY	LBV, MLB, EYW, SRQ, VKZ, RSW	
MATNY	MARCI	MLB, PHK, EYW, SRQ, VKZ, RSW	

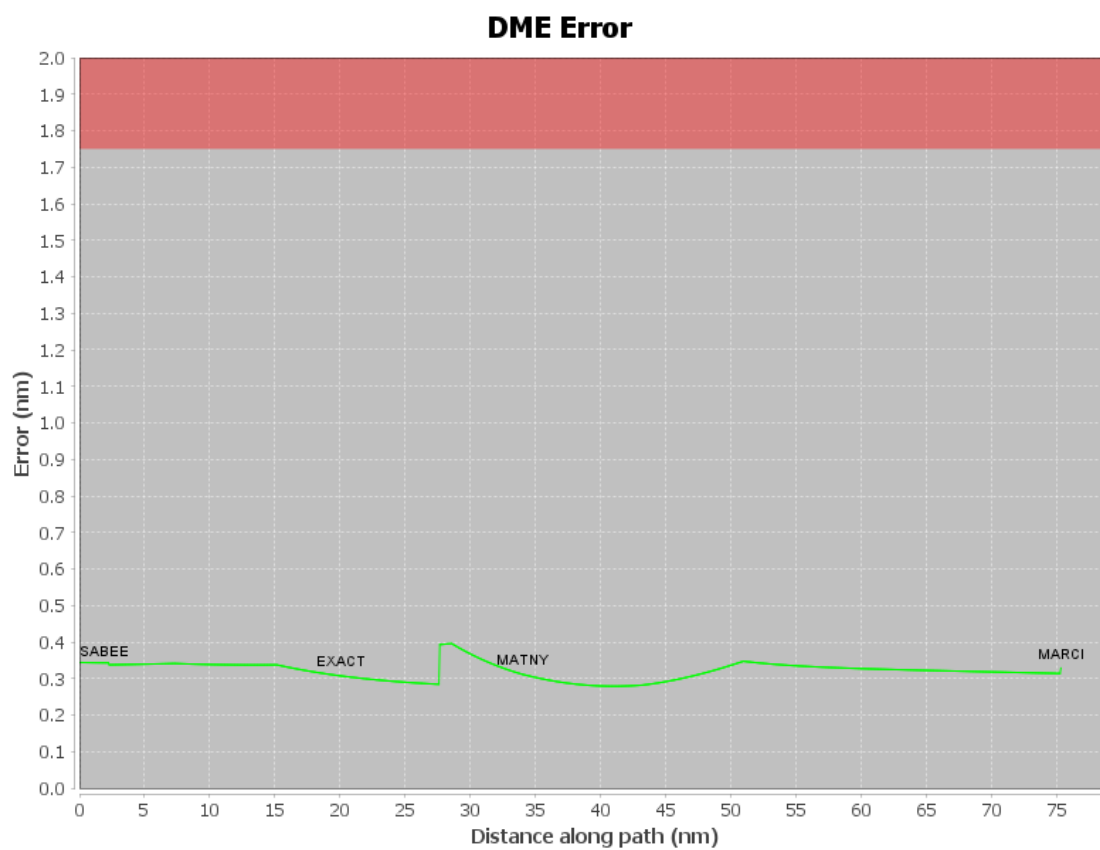
User Data Files

#	File Name
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User DMEs

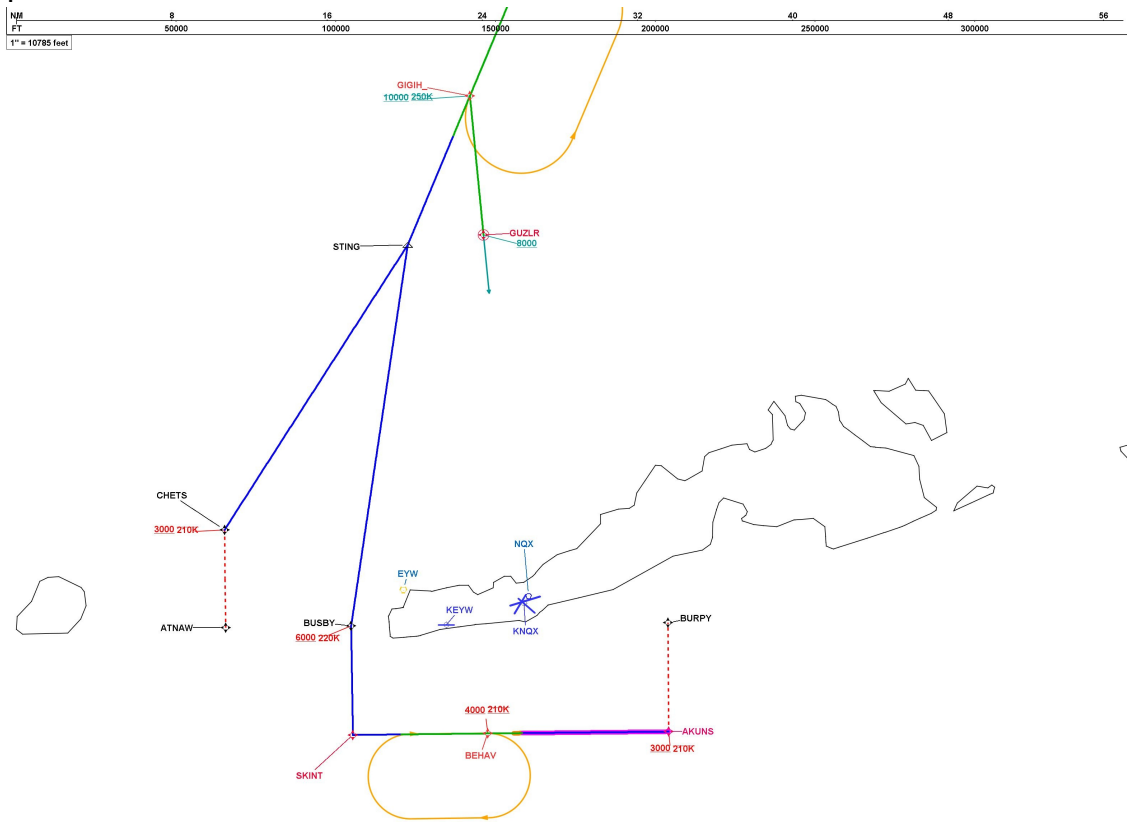
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
	ESV:	Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
	ESV:	Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
	ESV:	Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
	ESV:	Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
	ESV:	Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
	ESV:	Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
	ESV:	Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
	ESV:	Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
	ESV:	Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

DME DME Assessment Results for KRAKN1 path SABEE_MARCI



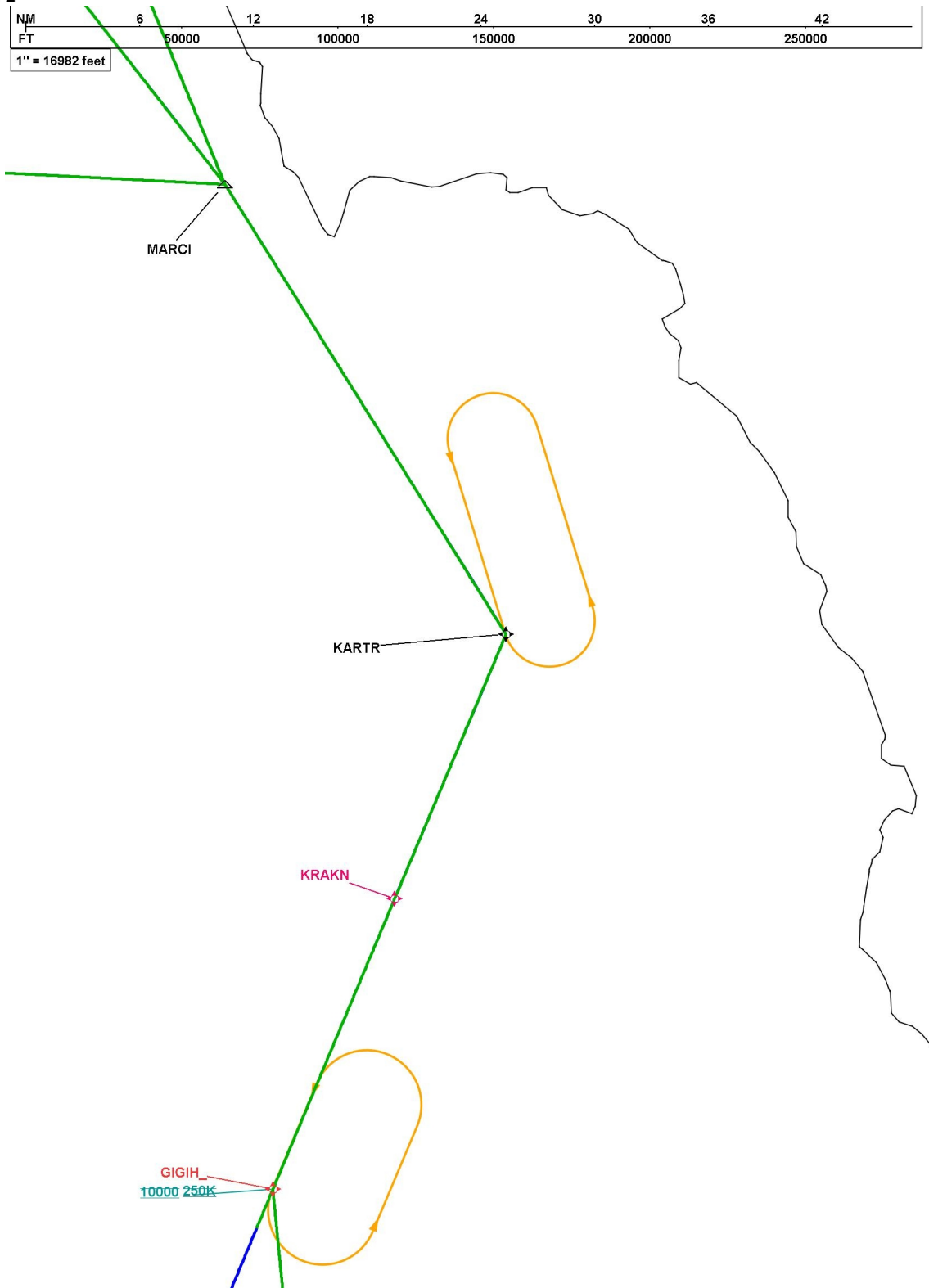
DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 1



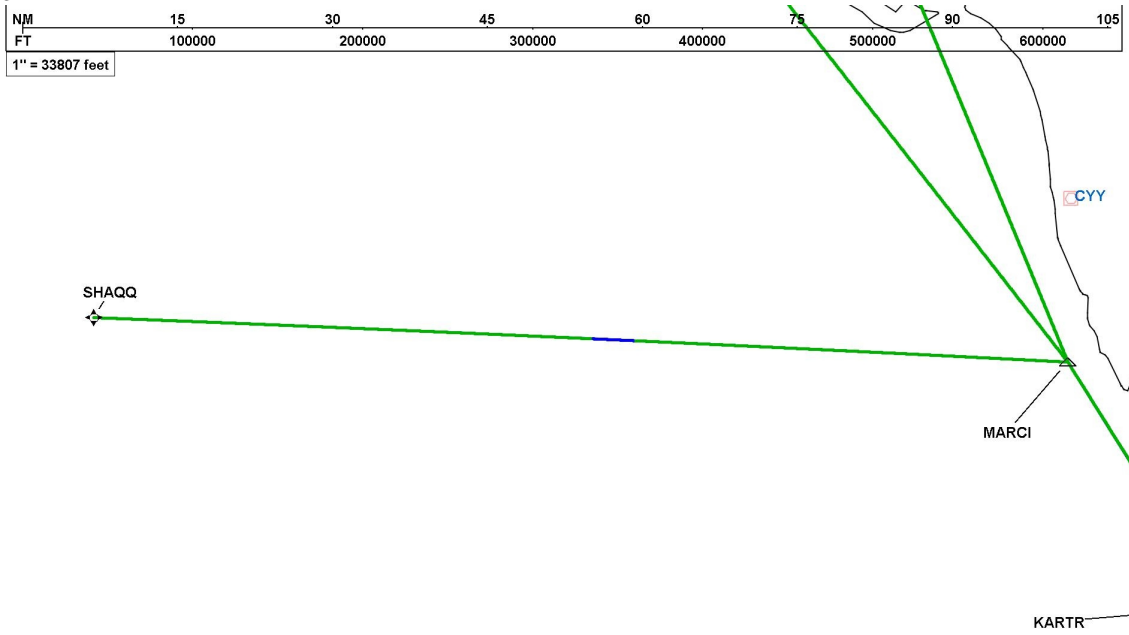
DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 2



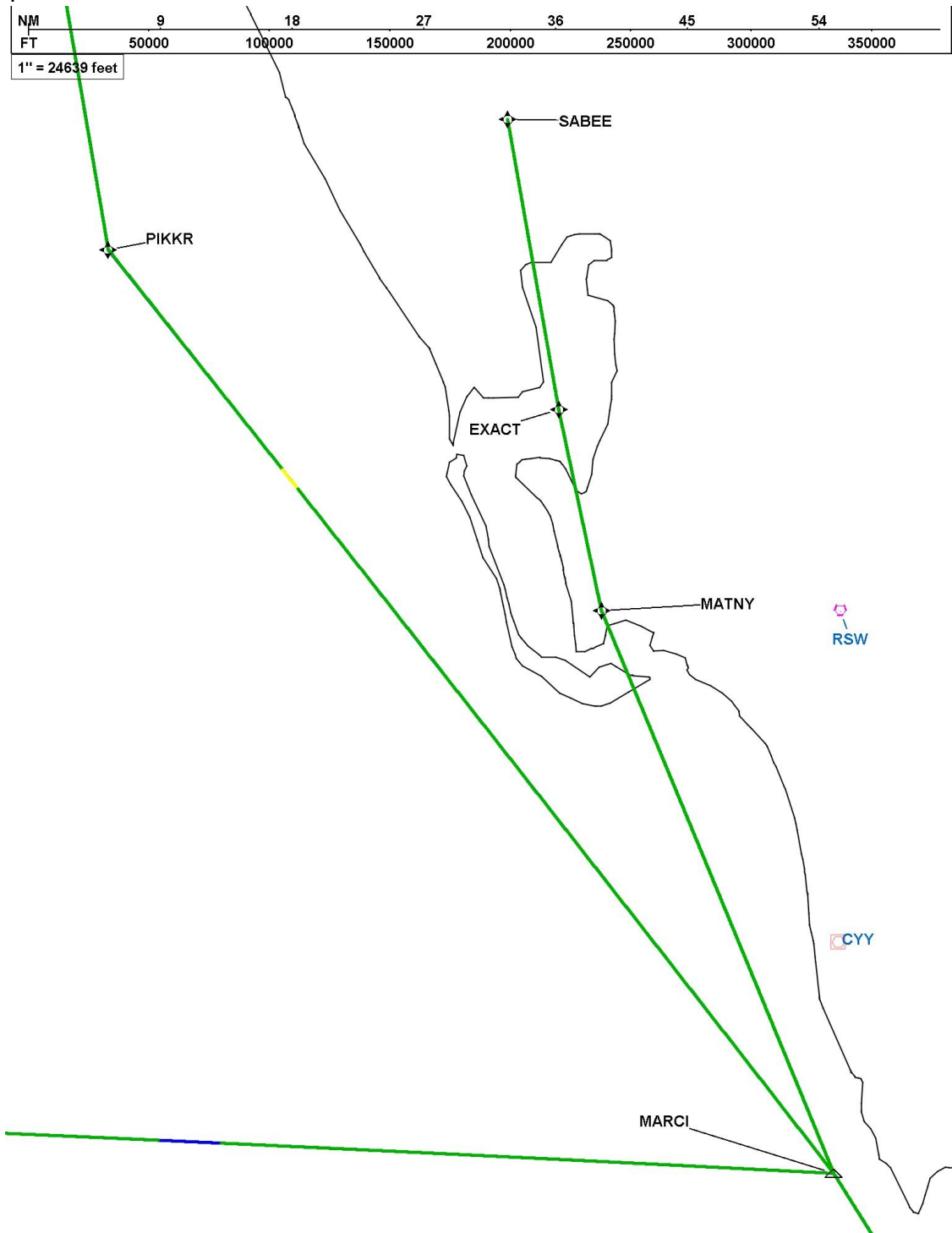
DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 3

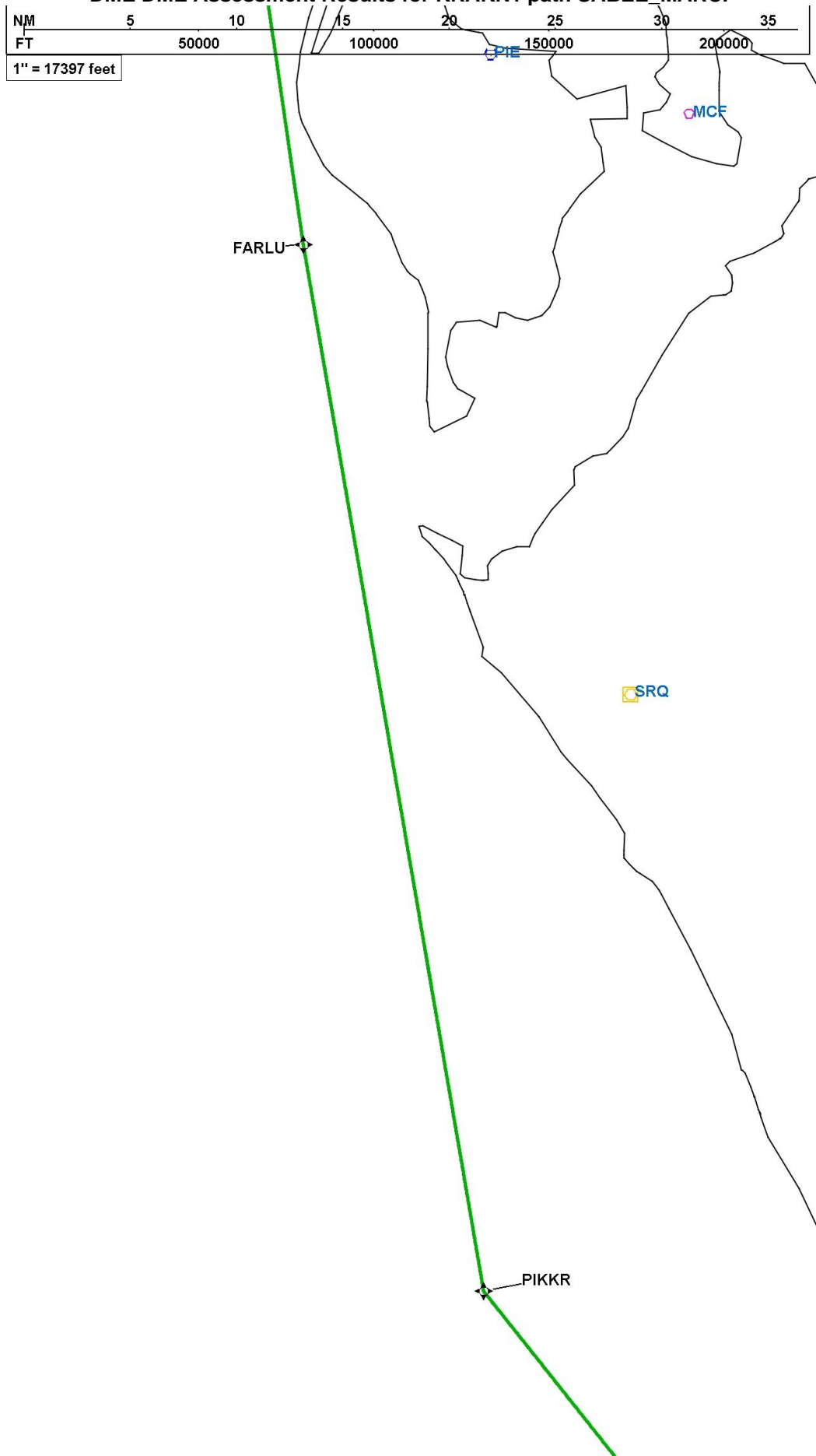


DME DME Assessment Results for KRAKN1 path SABEE_MARCI

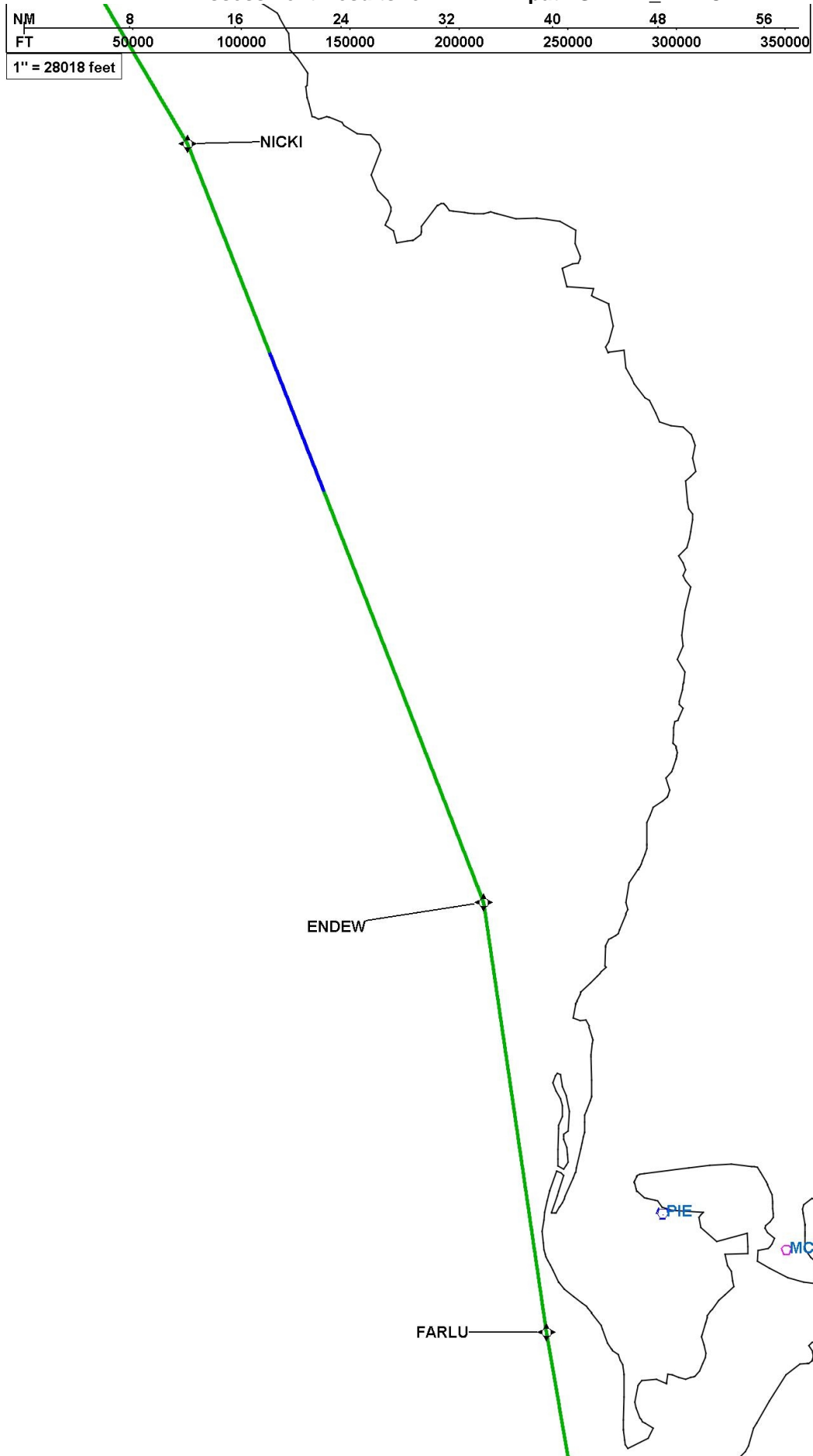
Graphic Depiction 4



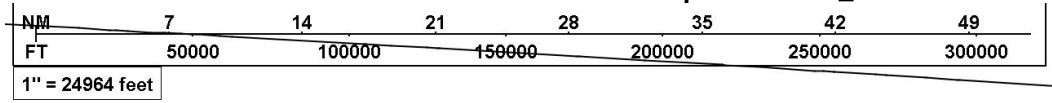
DME DME Assessment Results for KRAKN1 path SABEE_MARCI



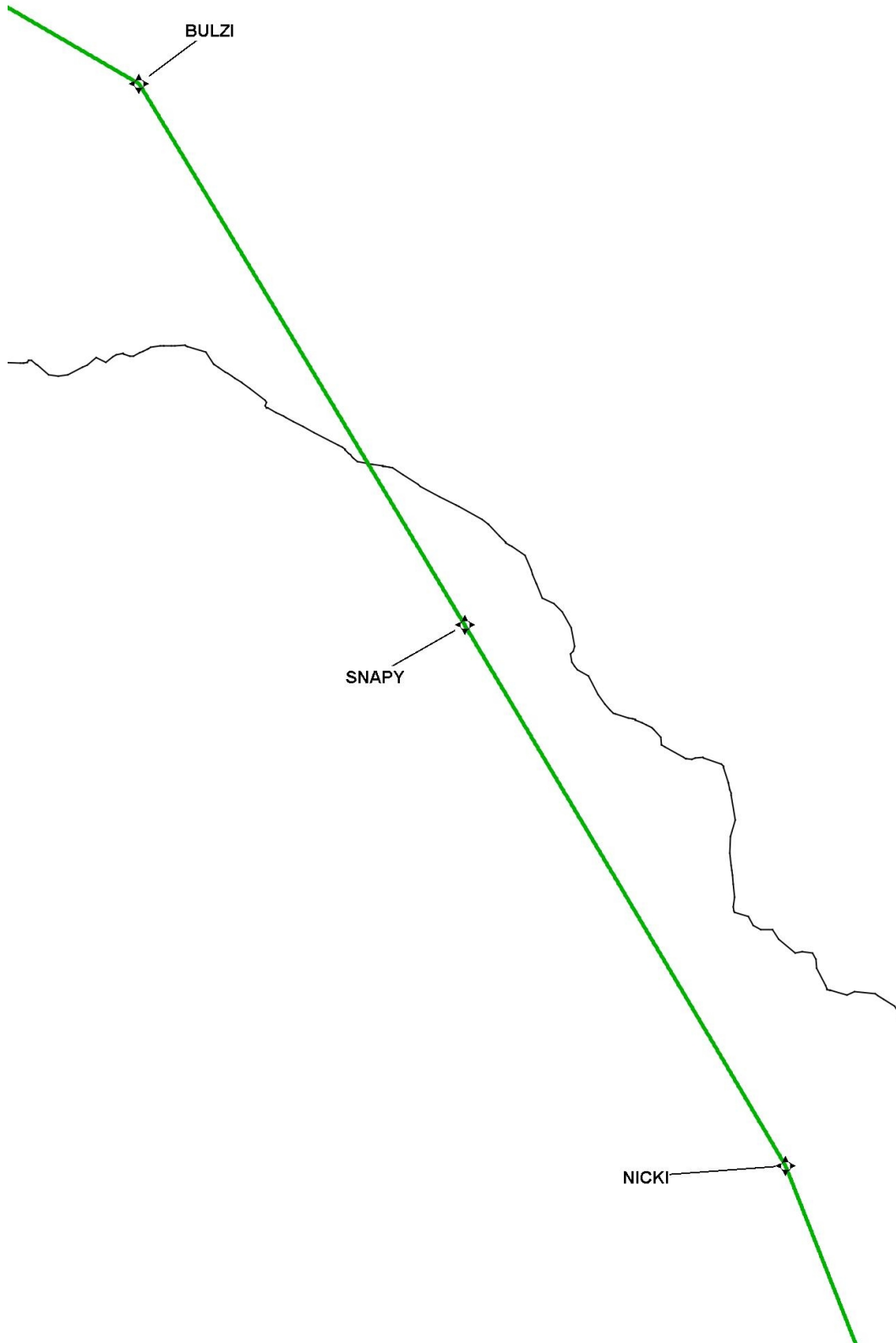
DME DME Assessment Results for KRAKN1 path SABEE_MARCI



DME DME Assessment Results for KRAKN1 path SABEE_MARCI

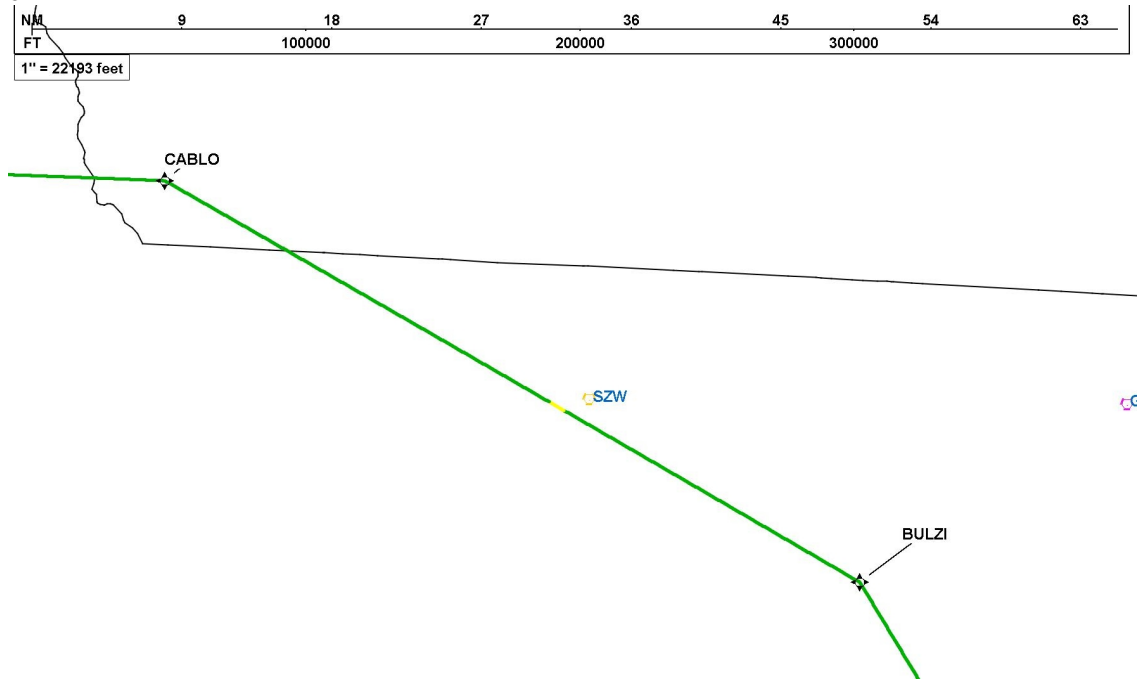


GEF



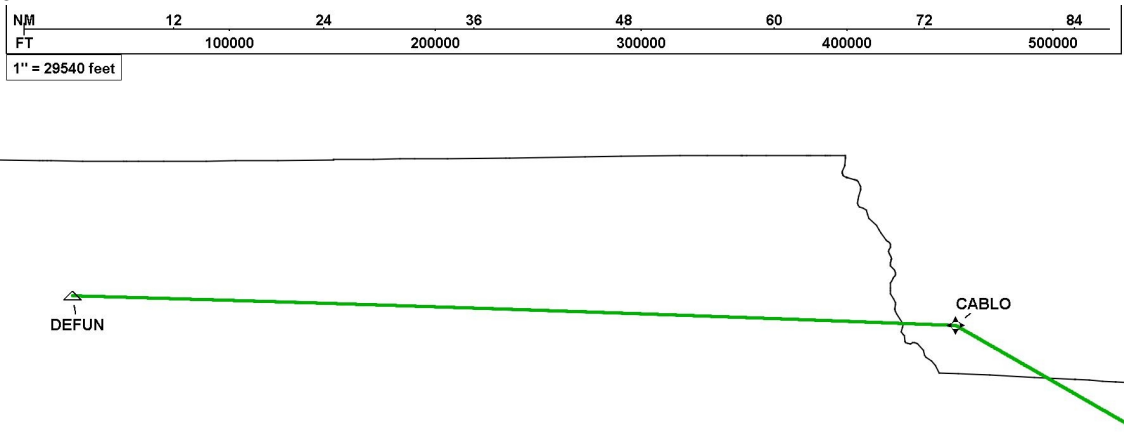
DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 8



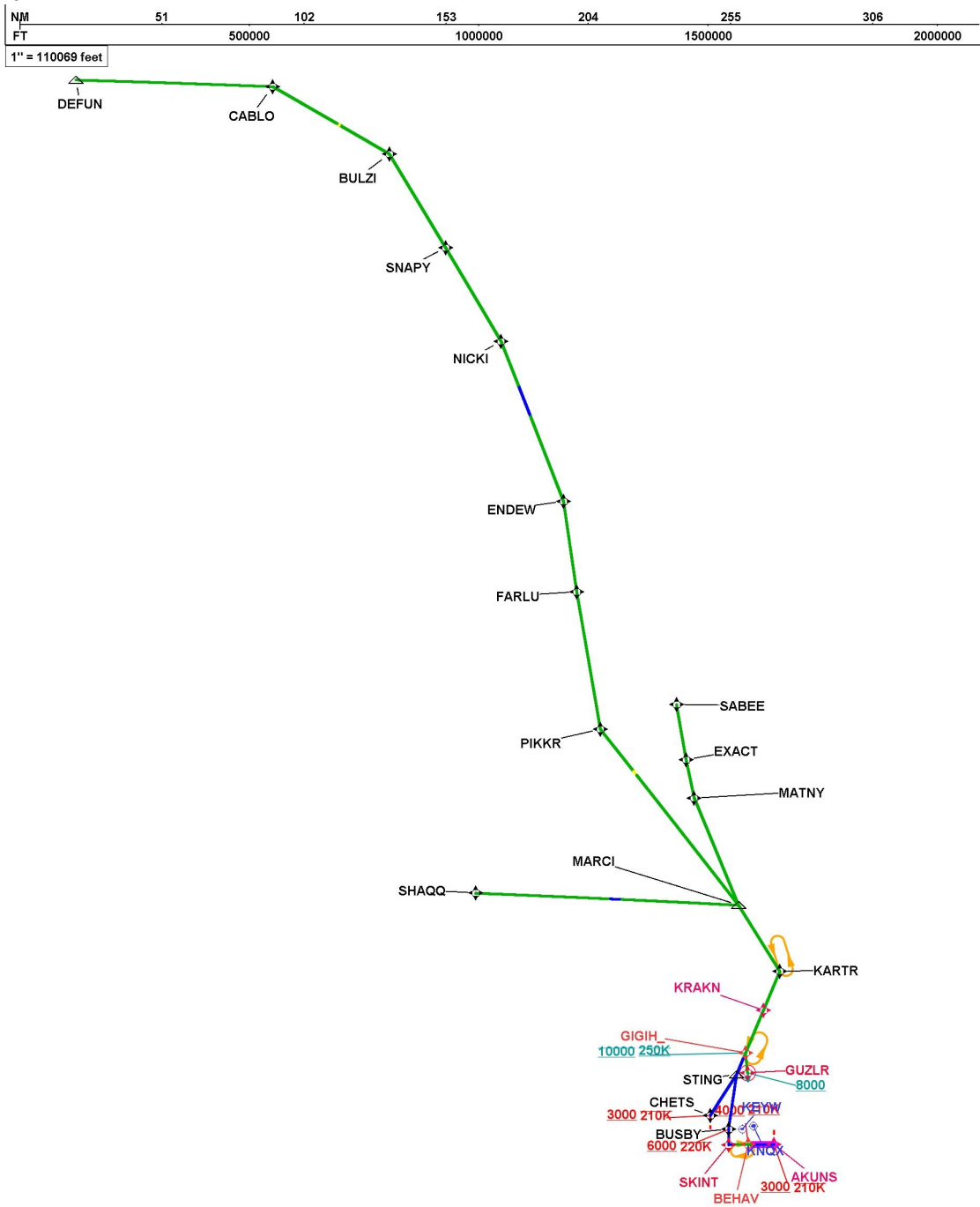
DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 9



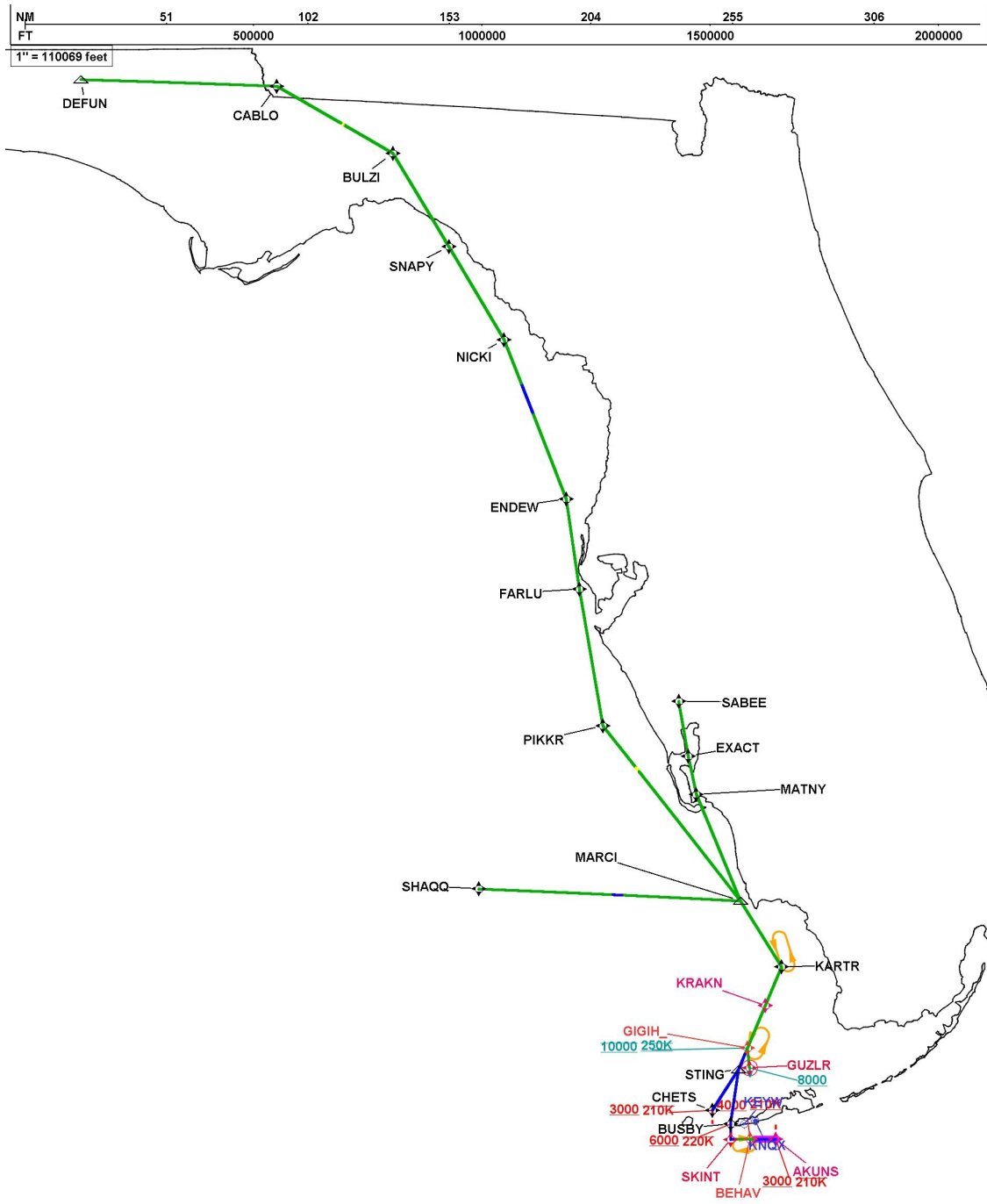
DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path SABEE_MARCI

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\SHAQQ_MARCI\KEYW KRAKN1 RNAV STAR SHAQQ MARCI 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
SHAQQ	WP	N25° 57' 46.00", W083° 30' 30.00"	14500	VNAV	250	FLY_BY	TF
MARCI	WP	N25° 53' 27.84", W081° 47' 02.37"	14500	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path SHAQQ_MARCI

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PHK	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	H	IFPA	NO	Enabled	13 %	13 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	95.5 %	95.5 %
3	EYW	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	H	IFPA	NO	Enabled	95.5 %	95.5 %
4	VKZ	N25° 45' 06.85", W080° 09' 16.00"	4.0 W	130	DH	IFPA	NO	Enabled	44.5 %	44.5 %
5	LBV	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	L	IFPA	NO	Enabled	23.9 %	23.9 %
6	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	23.2 %	23.2 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	EYW	SRQ	RSW			
21.7	EYW	SRQ				
47.8						
51.9	VKZ	SRQ	EYW			
56.9	LBV	EYW	VKZ	SRQ		
79.3	EYW	VKZ	SRQ			
81.2	EYW	VKZ	PHK	SRQ		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 55' 43.17", W082° 37' 33.71"	N25° 55' 31.74", W082° 33' 01.41"	4.0959

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
SHAQQ	MARCI	LBV, EYW, PHK, SRQ, VKZ, RSW	

DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

User Data Files

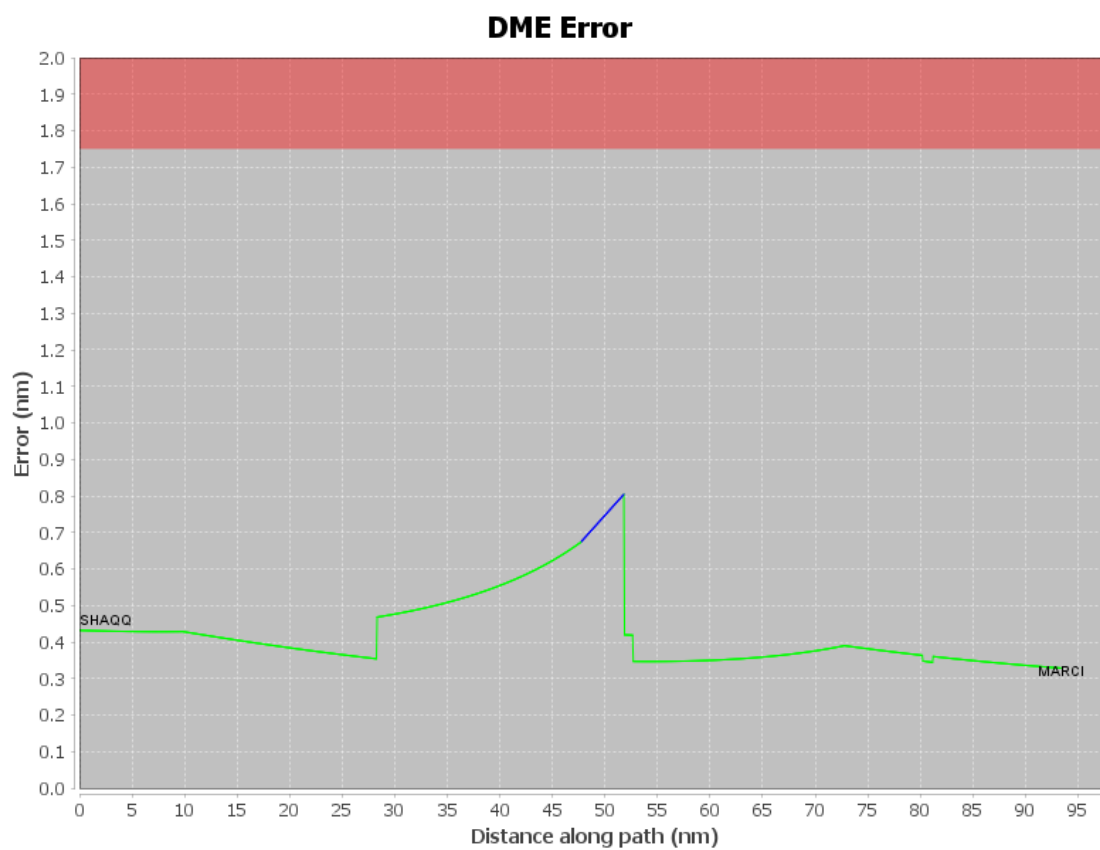
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User DMEs

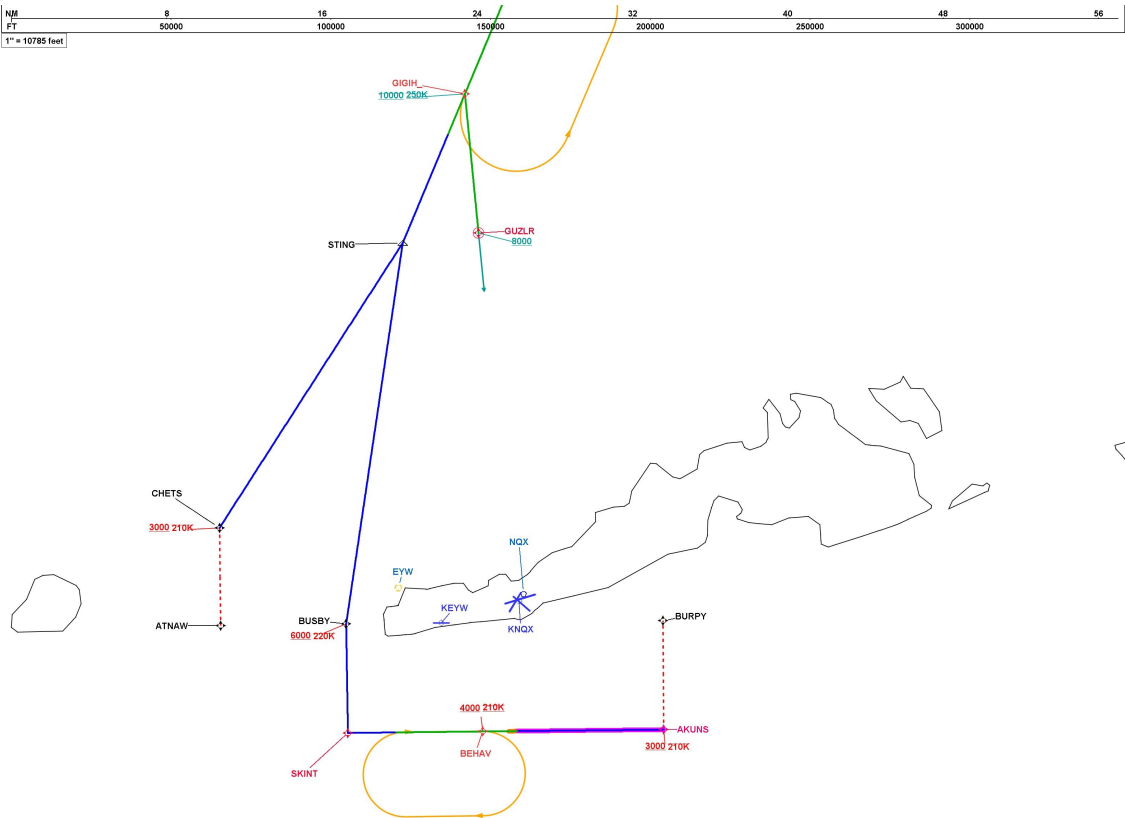
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
ESV:		Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
ESV:		Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
ESV:		Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
ESV:		Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
ESV:		Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
ESV:		Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
ESV:		Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
ESV:		Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
ESV:		Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI



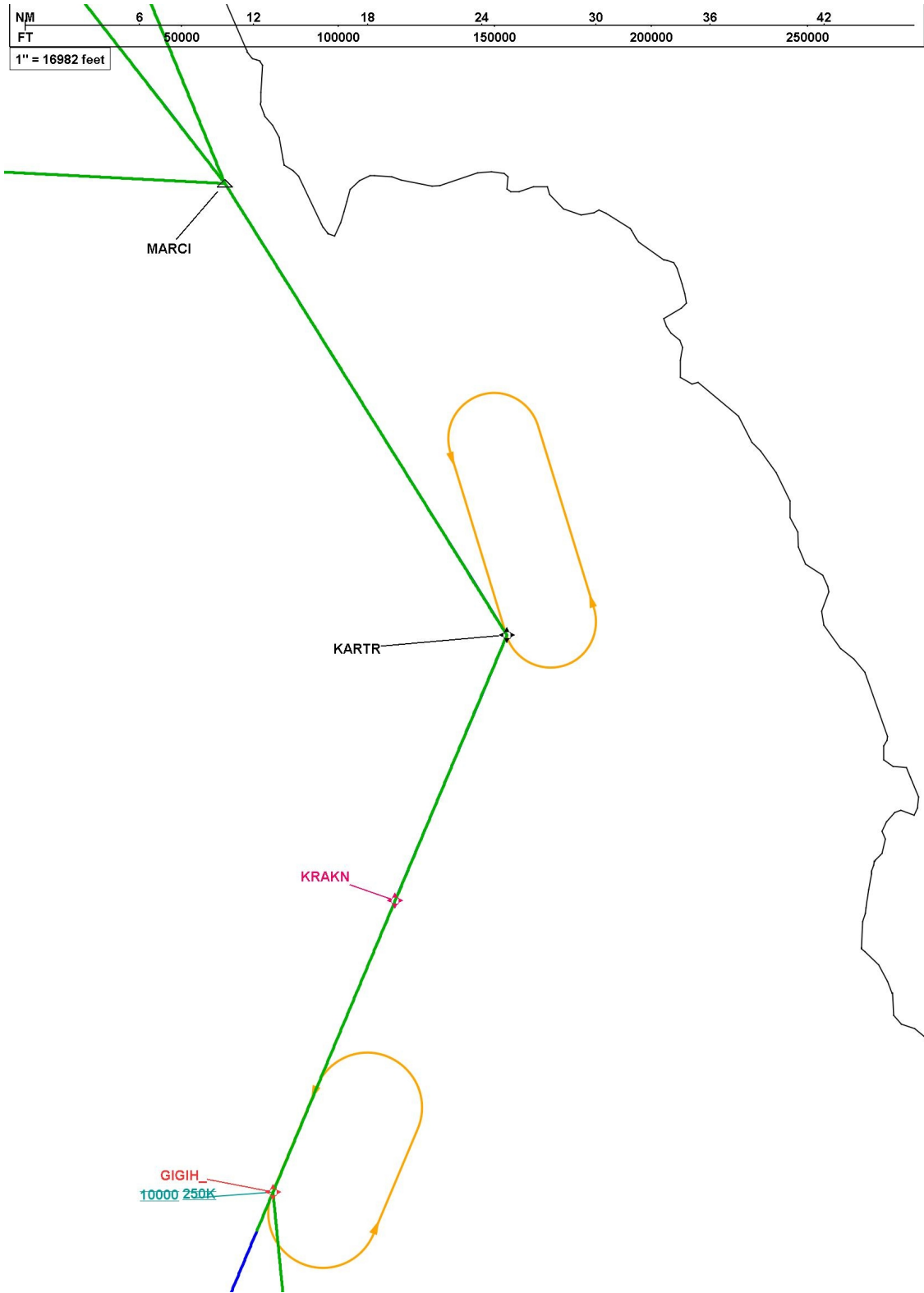
DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 1



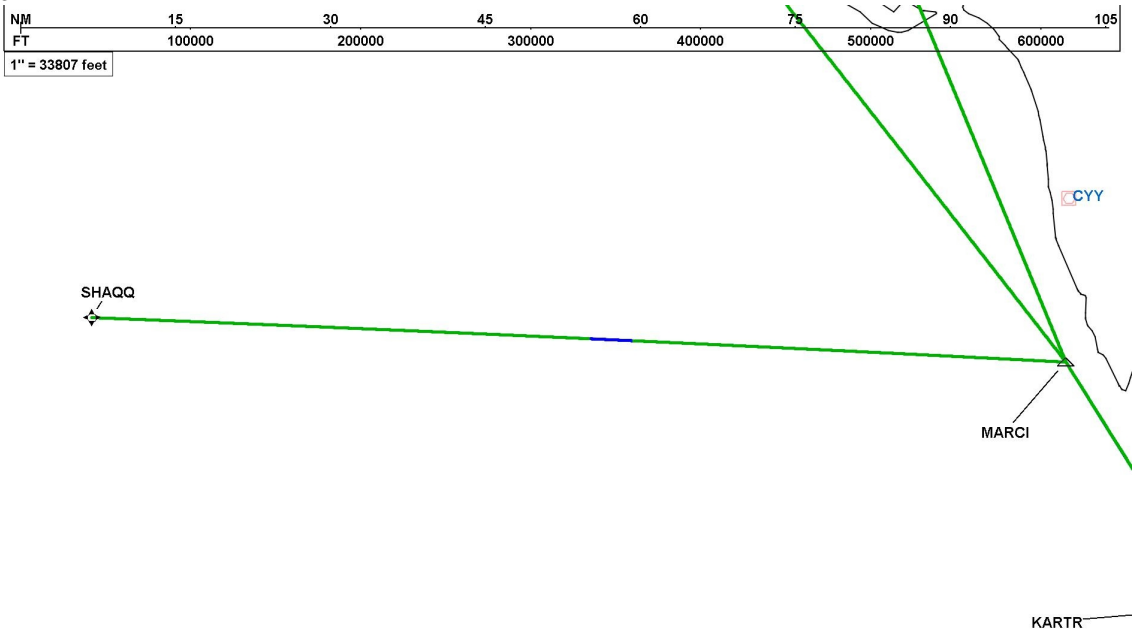
DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 2



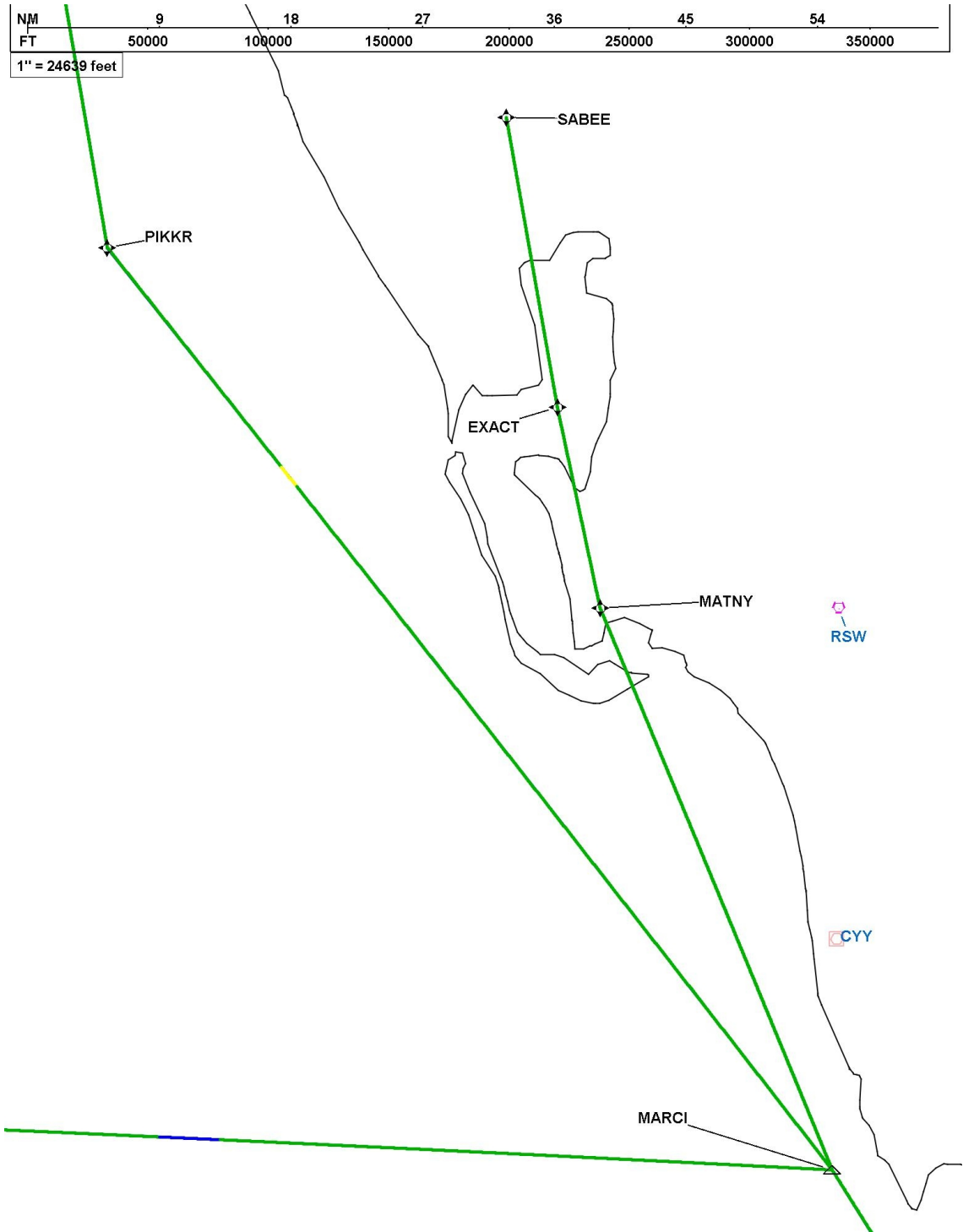
DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 3



DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 4



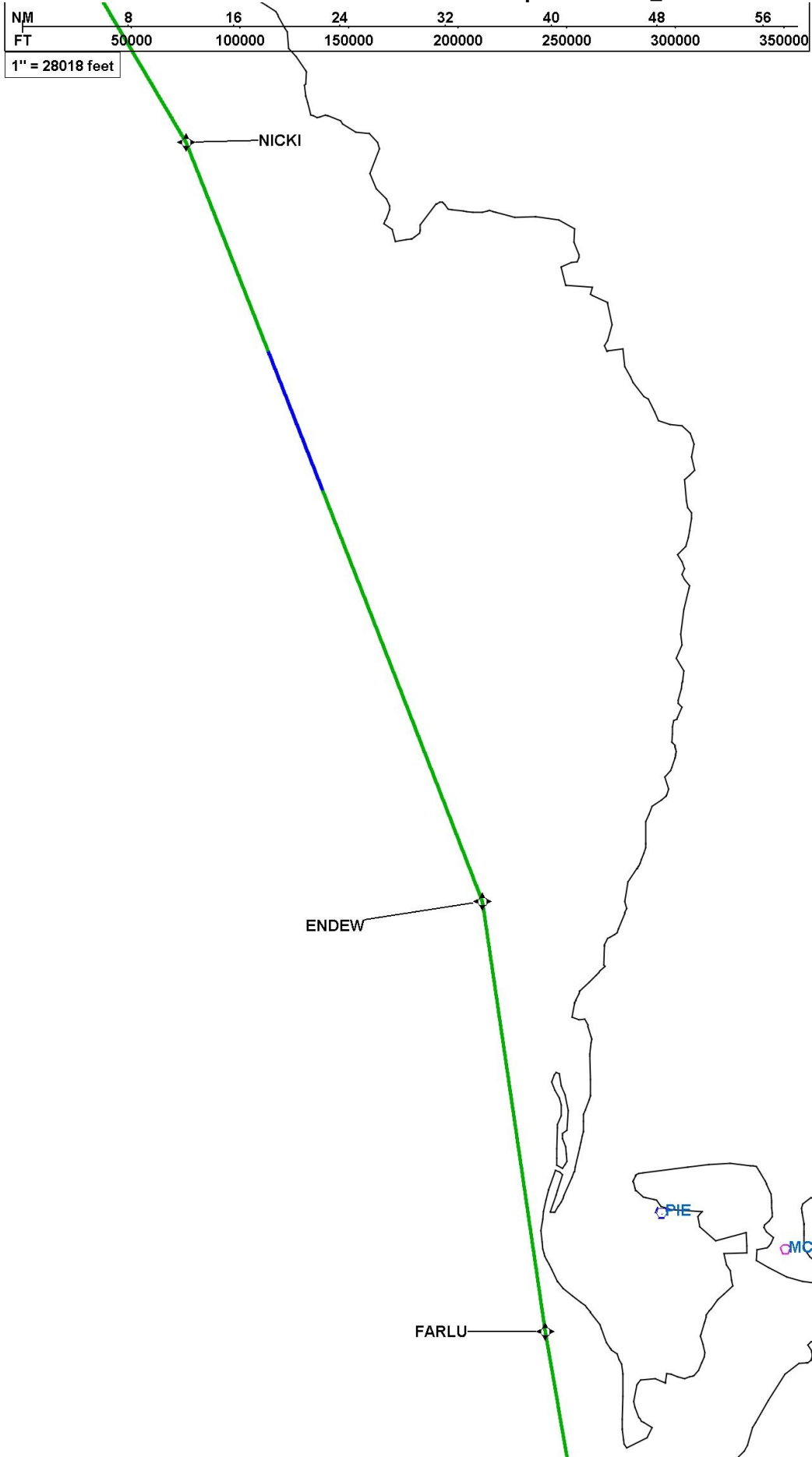
Graphic Depiction 5

DME DME Assessment Results for KRAKN1 path SHAQQ MARCI



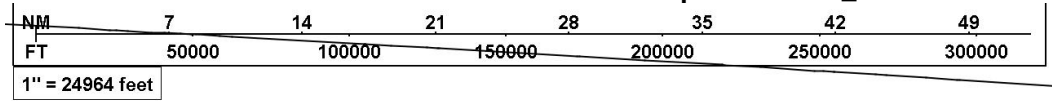
Graphic Depiction 6

DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

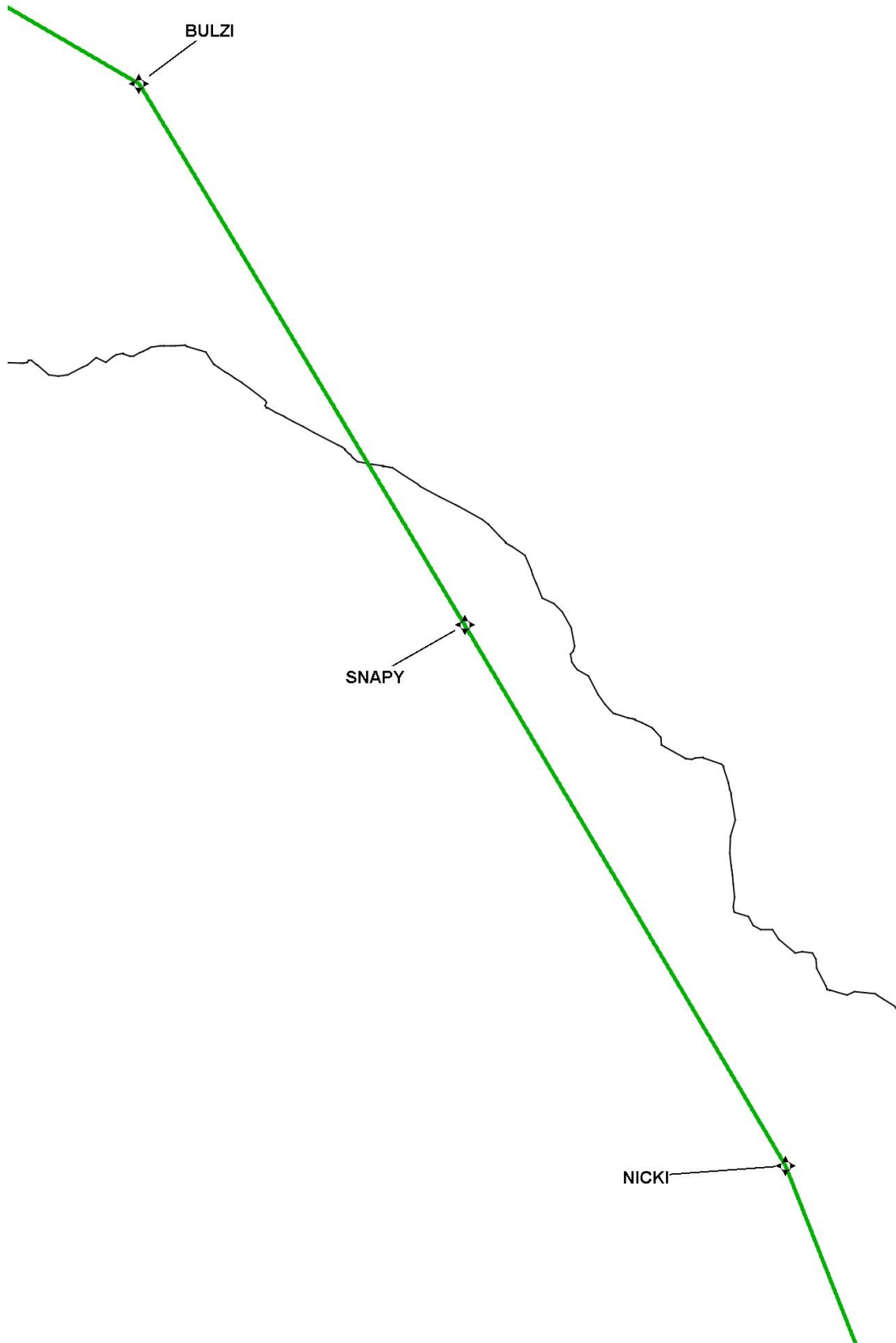


Graphic Depiction 7

DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

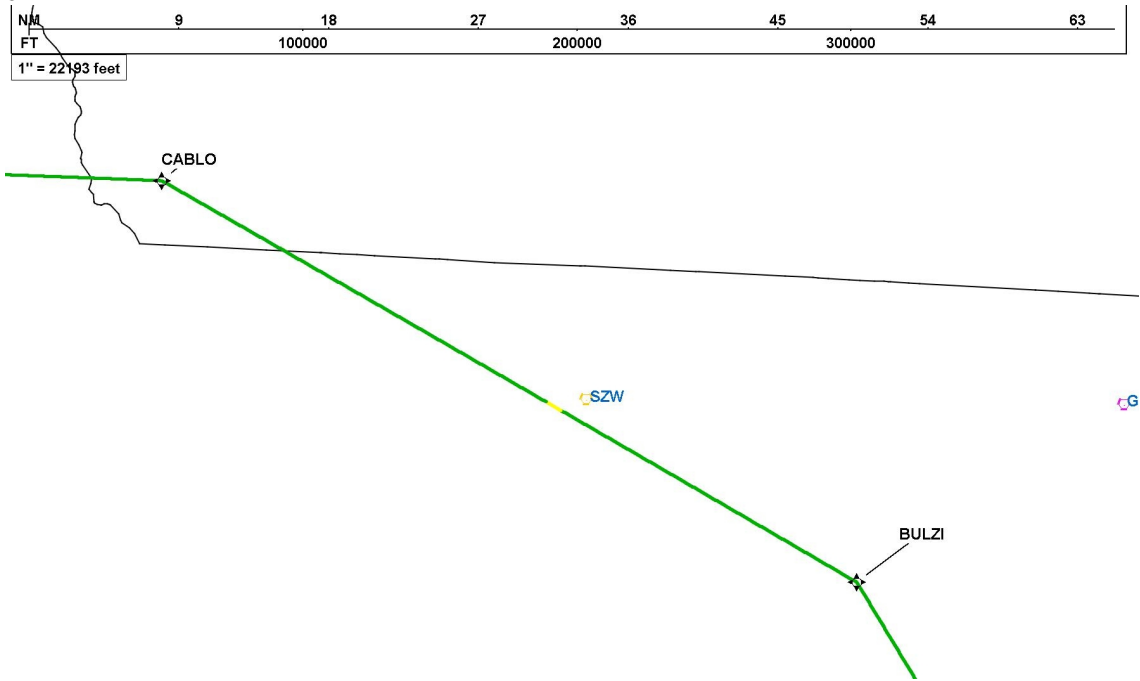


GEF



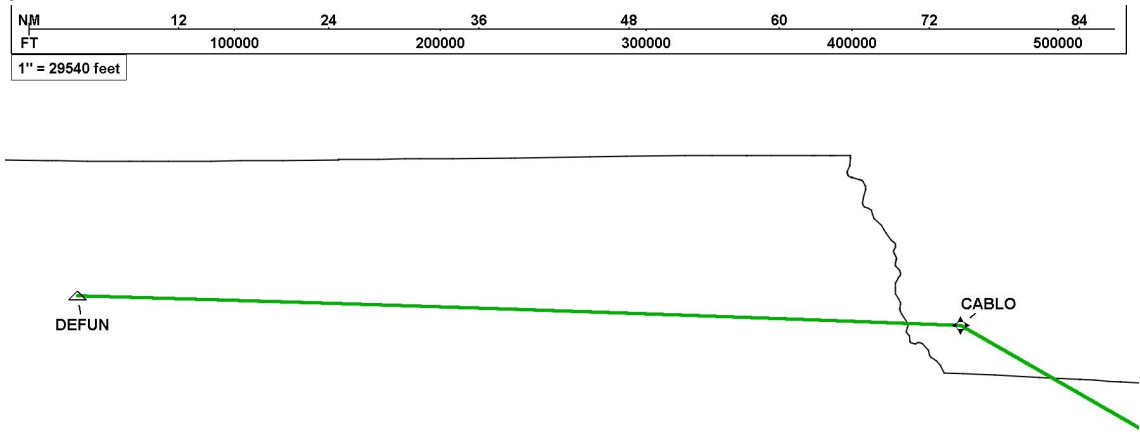
DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 8



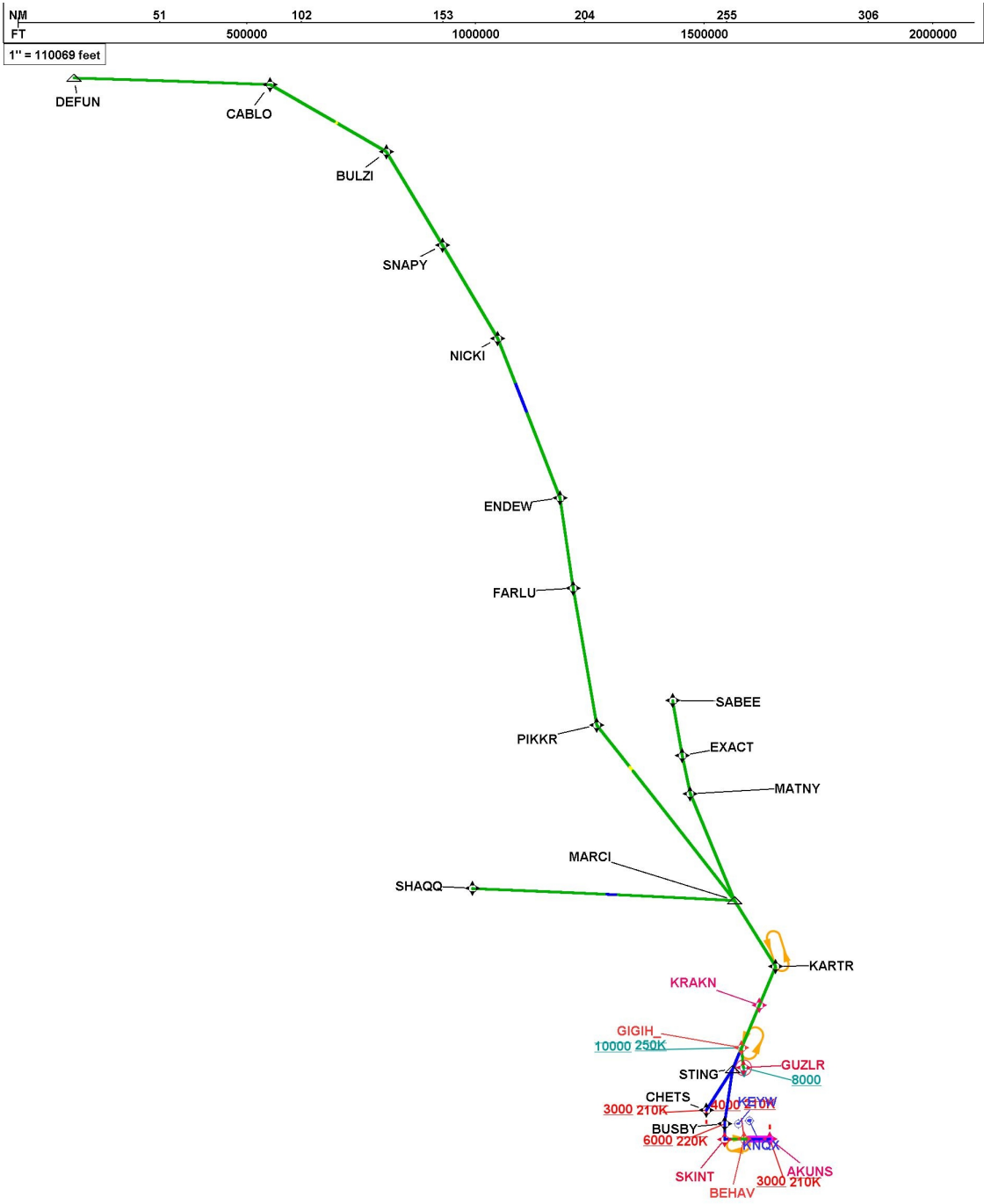
DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 9



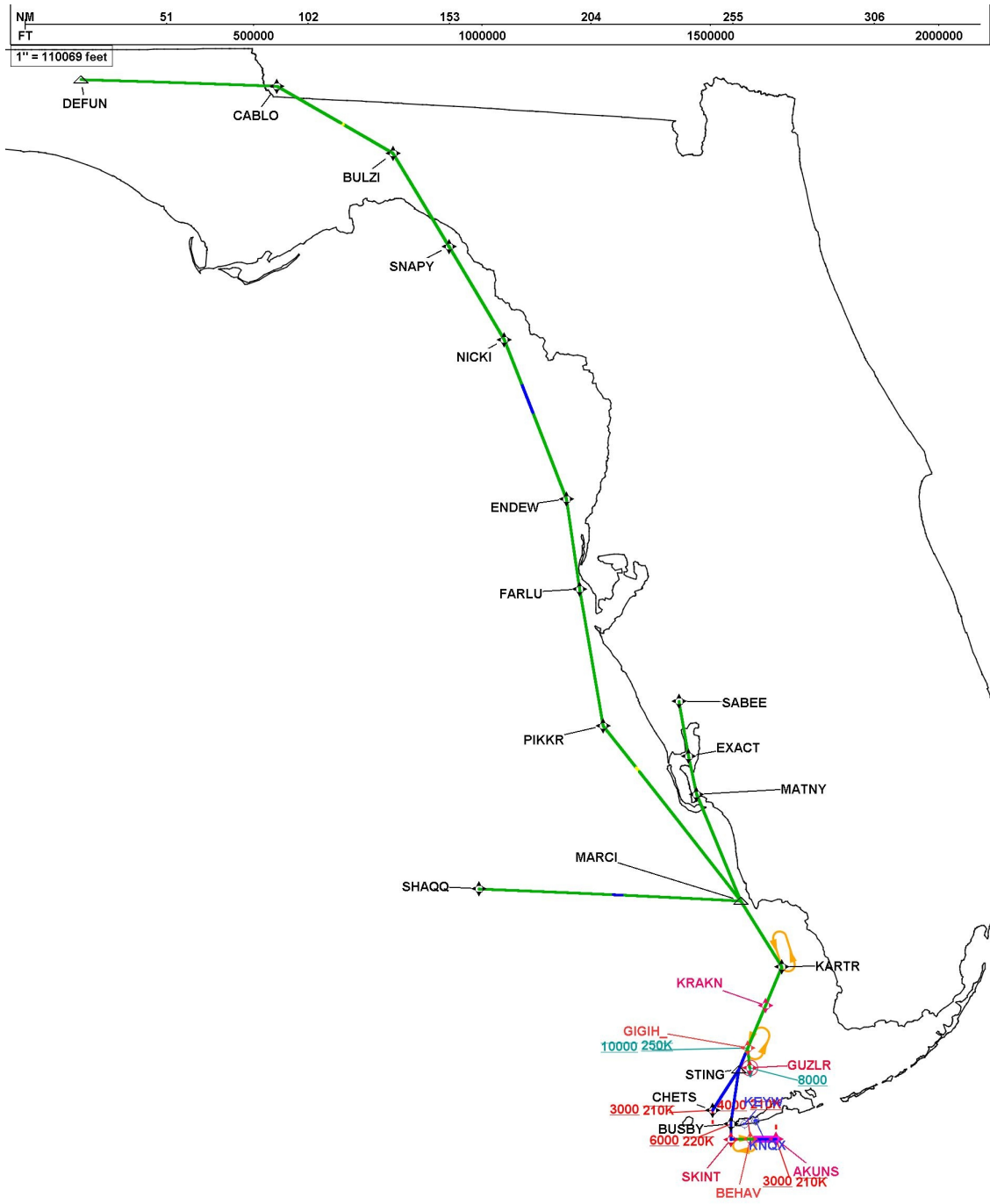
DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path SHAQQ_MARCI

Graphic Depiction 11



DME DME Assessment Results for KRAKN1 path STING_CHETS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\KEYW KRAKN1 (RNAV) STAR 231102.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\EYW\KRAKN1 (RNAV) STAR\DME\KEYW [IFPA] KRAKN1 20231102_0956 EDT\STING_CHETS\KEYW KRAKN1 RNAV STAR STING CHETS 20231102_0956 EDT.pdf
Procedure Name:	KRAKN1
Software: DmeDmePlugin:	7.2.0
Date/Time:	11/02/2023 09:56 EDT
Databases:	DTED.max

Failures

No Failures

Warnings

No Warnings

Informational

No Informational

Notes For Flight Check

CHART NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING THE RWY 27 TRANSITION, EYW AND NQX DMES MUST BE OPERATIONAL.

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
STING	WP	N24° 52' 53.72", W081° 47' 46.65"	6000	VNAV	250	FLY_BY	TF
CHETS	WP	N24° 38' 15.07", W081° 58' 08.24"	3000	VNAV	210	FLY_BY	TF

Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KEYW [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 KRAKN1 path STING_CHETS

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:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N24° 52' 53.72", W081° 47' 46.65"	N24° 38' 15.07", W081° 58' 08.24"	17.3788

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
STING	CHETS		

DME DME Assessment Results for KRAKN1 path STING_CHETS

User Data Files

File Name

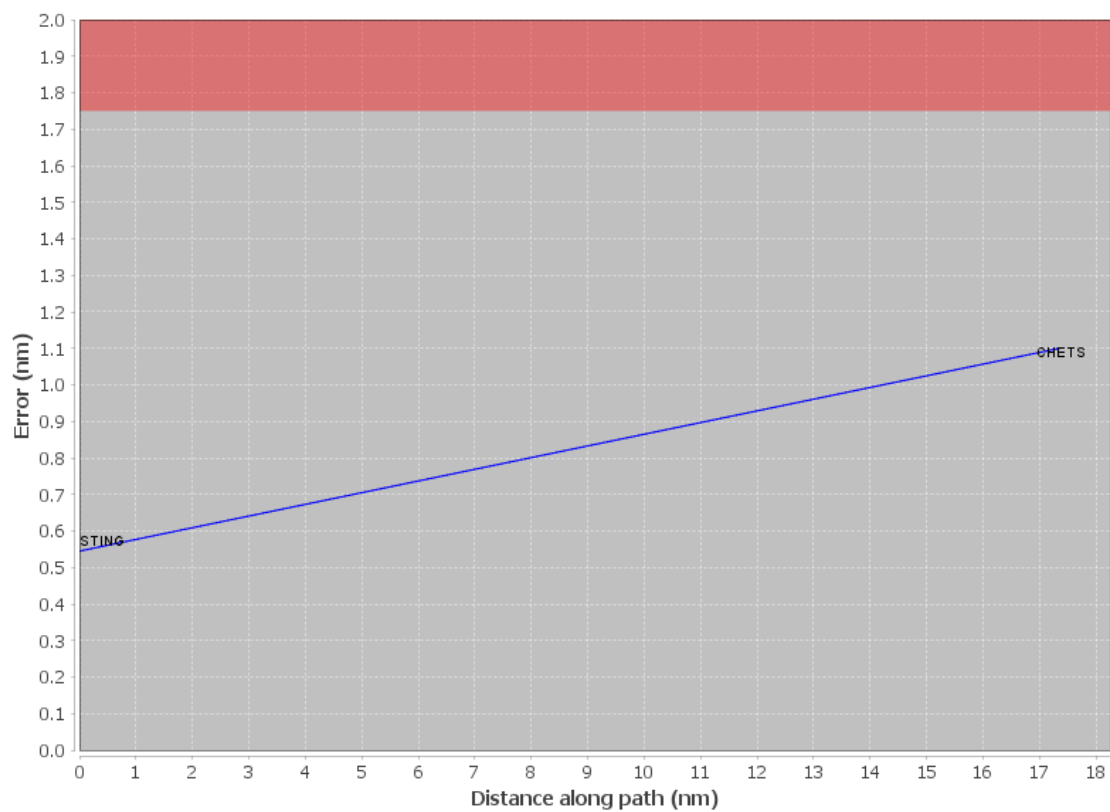
None

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OCF FAA 714002-26 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-26	
ESV:		Bearing [True]: 190.0° to 210.0° Bearing [Mag]: 190.0° to 210.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
2	RSW FAA 191354-1 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-1	
ESV:		Bearing [True]: 118.0° to 188.0° Bearing [Mag]: 120.0° to 190.0°				Arc Distance: Out to 93.0 NM Altitude: 7000.0 to 12000.0 ft		
3	LBV FAA 755486-52 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-52	
ESV:		Bearing [True]: 161.0° to 191.0° Bearing [Mag]: 160.0° to 190.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 18000.0 ft		
4	LBV FAA 755486-38 LBV [IFPA]	N26° 49' 41.47", W081° 23' 29.18"	1.0 E	40	30	110.4	LBV FAA 755486-38	
ESV:		Bearing [True]: 211.0° to 341.0° Bearing [Mag]: 210.0° to 340.0°				Arc Distance: Out to 82.0 NM Altitude: 8000.0 to 18000.0 ft		
5	PHK FAA 900991-69 PHK [IFPA]	N26° 46' 57.87", W080° 41' 29.16"	0.0 E	130	15.5	115.4	PHK FAA 900991-69	
ESV:		Bearing [True]: 207.0° to 243.0° Bearing [Mag]: 207.0° to 243.0°				Arc Distance: Out to 91.0 NM Altitude: 5900.0 to 14600.0 ft		
6	DHP FAA 955265-50 DHP [IFPA]	N25° 47' 59.87", W080° 20' 56.53"	4.0 W	130	5.9	113.9	DHP FAA 955265-50	
ESV:		Bearing [True]: 216.0° to 266.0° Bearing [Mag]: 220.0° to 270.0°				Arc Distance: Out to 98.0 NM Altitude: 6900.0 to 18000.0 ft		
7	RSW FAA 191354-066 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-066	
ESV:		Bearing [True]: 242.0° to 261.0° Bearing [Mag]: 244.0° to 263.0°				Arc Distance: Out to 115.0 NM Altitude: 14500.0 to 18100.0 ft		
8	EYW FAA 701364-034 EYW [IFPA]	N24° 35' 09.16", W081° 48' 01.71"	1.0 E	130	10	113.5	EYW FAA 701364-034	
ESV:		Bearing [True]: 306.0° to 91.0° Bearing [Mag]: 305.0° to 90.0°				Arc Distance: Out to 130.0 NM Altitude: 14500.0 to 18100.0 ft		
9	TRV FAA 704266-49 TRV [IFPA]	N27° 40' 42.26", W080° 29' 23.04"	7.0 W	130	18.9	117.3	TRV FAA 704266-49	
ESV:		Bearing [True]: 238.0° to 260.0° Bearing [Mag]: 245.0° to 267.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		

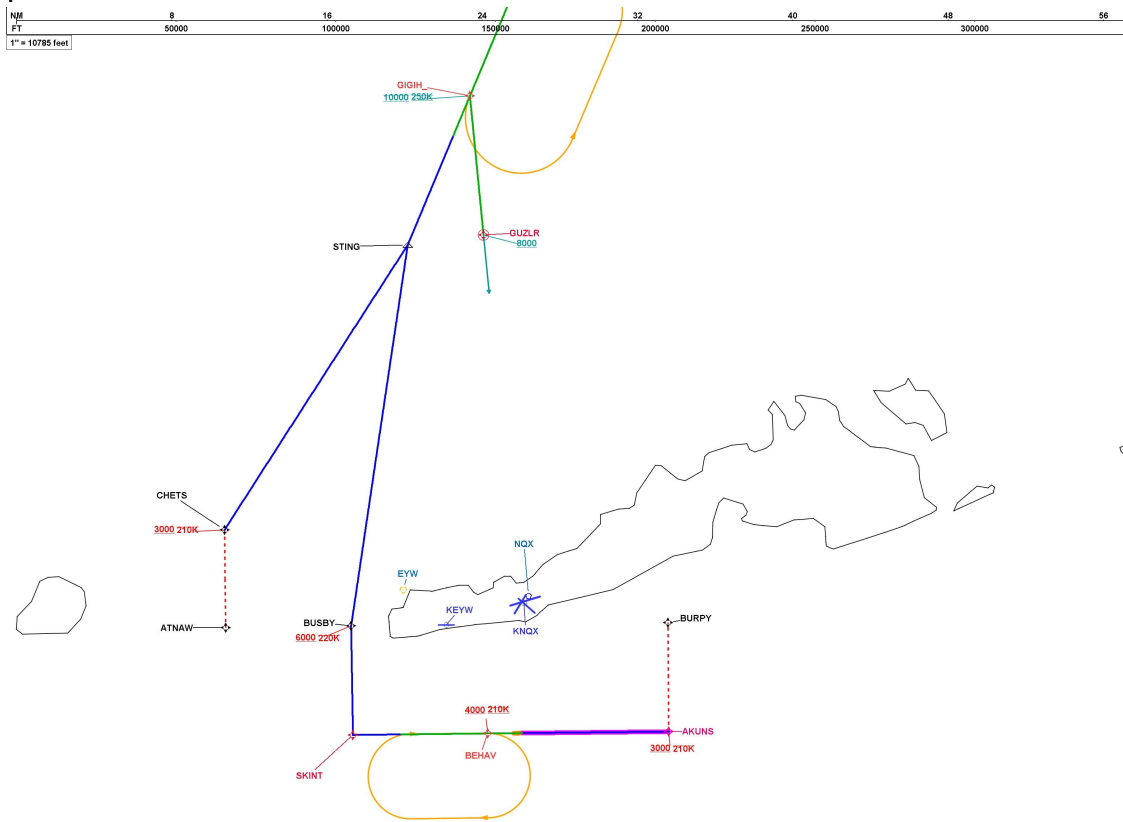
DME DME Assessment Results for KRAKN1 path STING_CHETS

DME Error



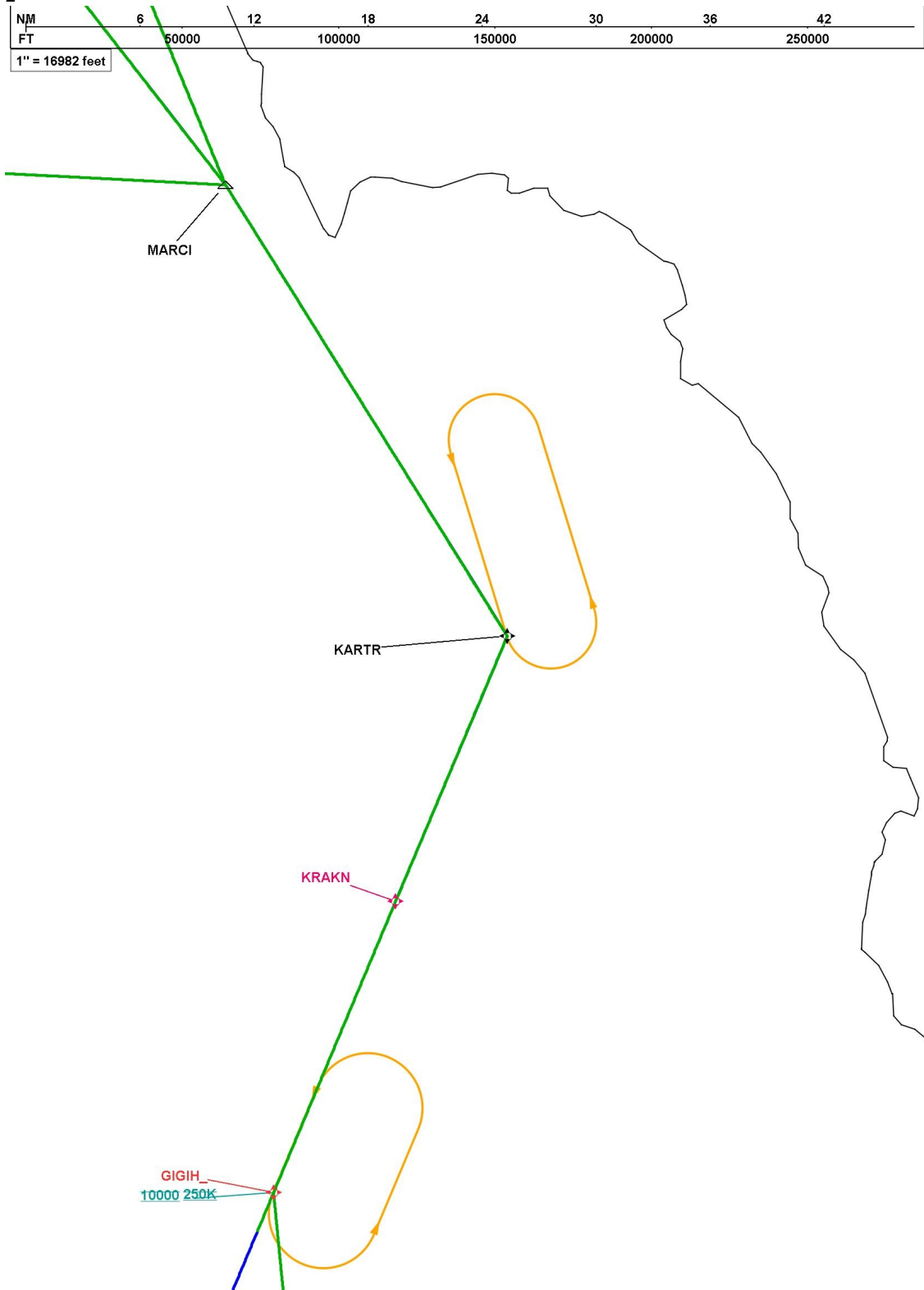
DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 1



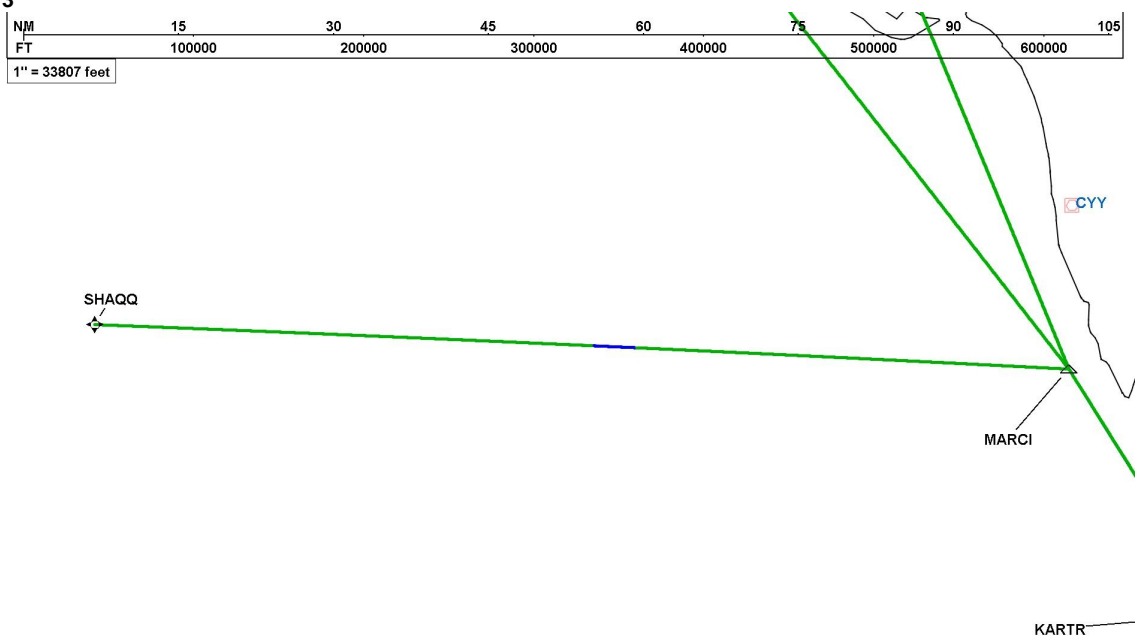
DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 2



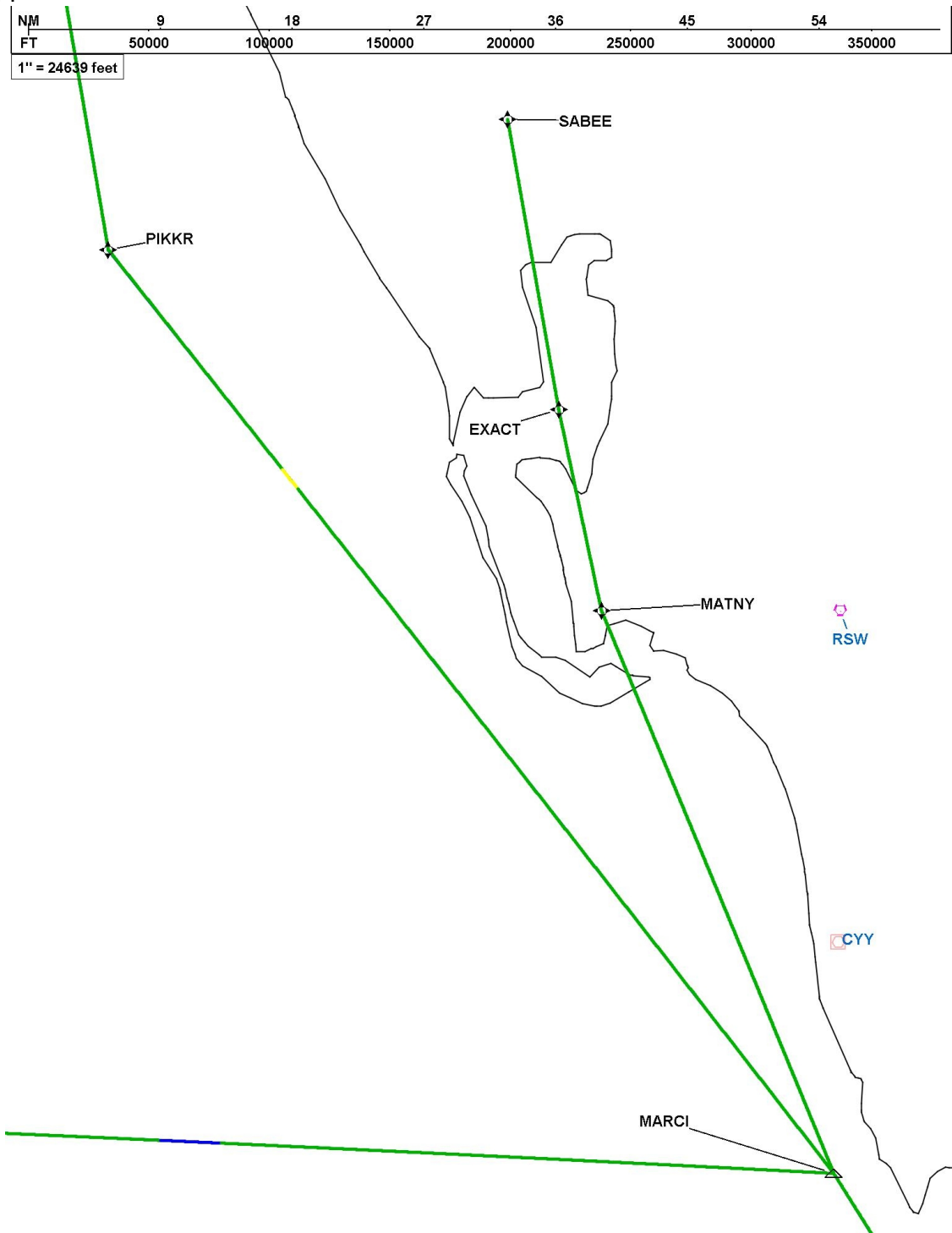
DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 3



DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 4

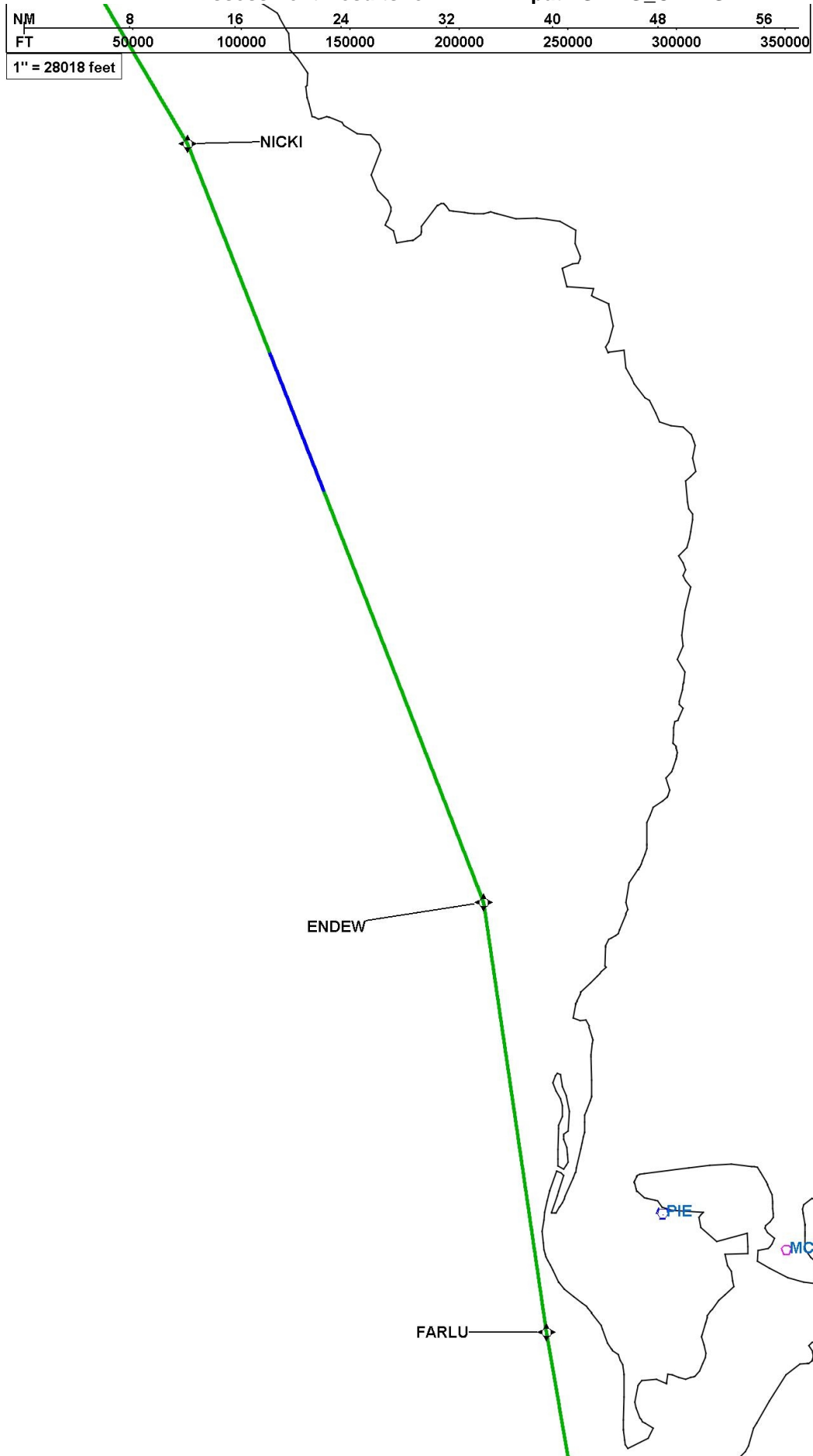


Graphic Depiction 5

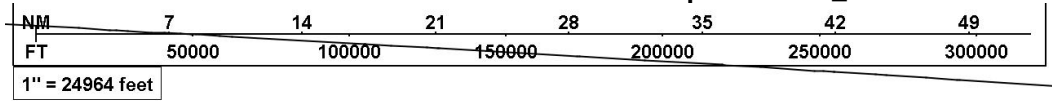
DME DME Assessment Results for KRAKN1 path STING_CHETS



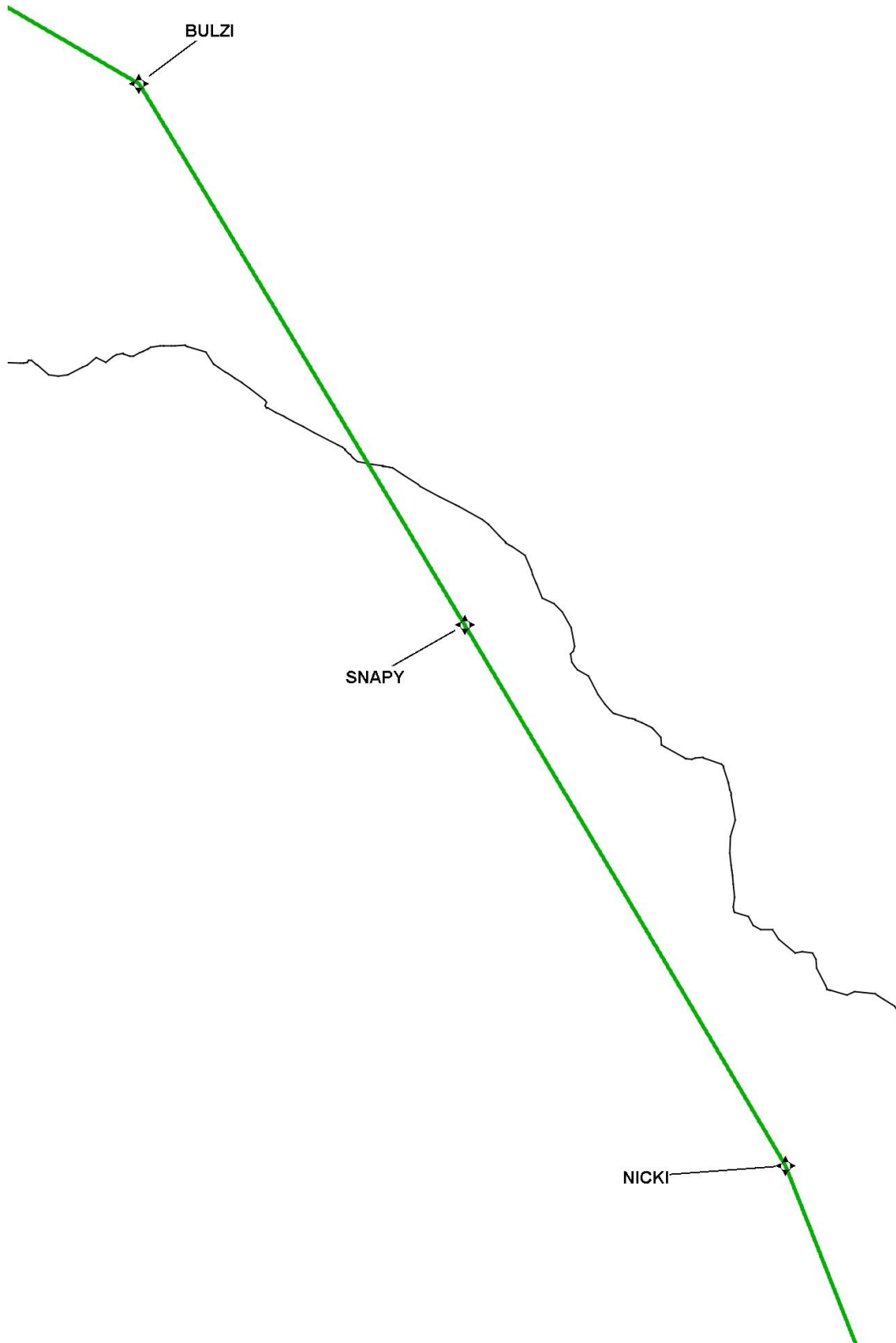
DME DME Assessment Results for KRAKN1 path STING_CHETS



DME DME Assessment Results for KRAKN1 path STING_CHETS

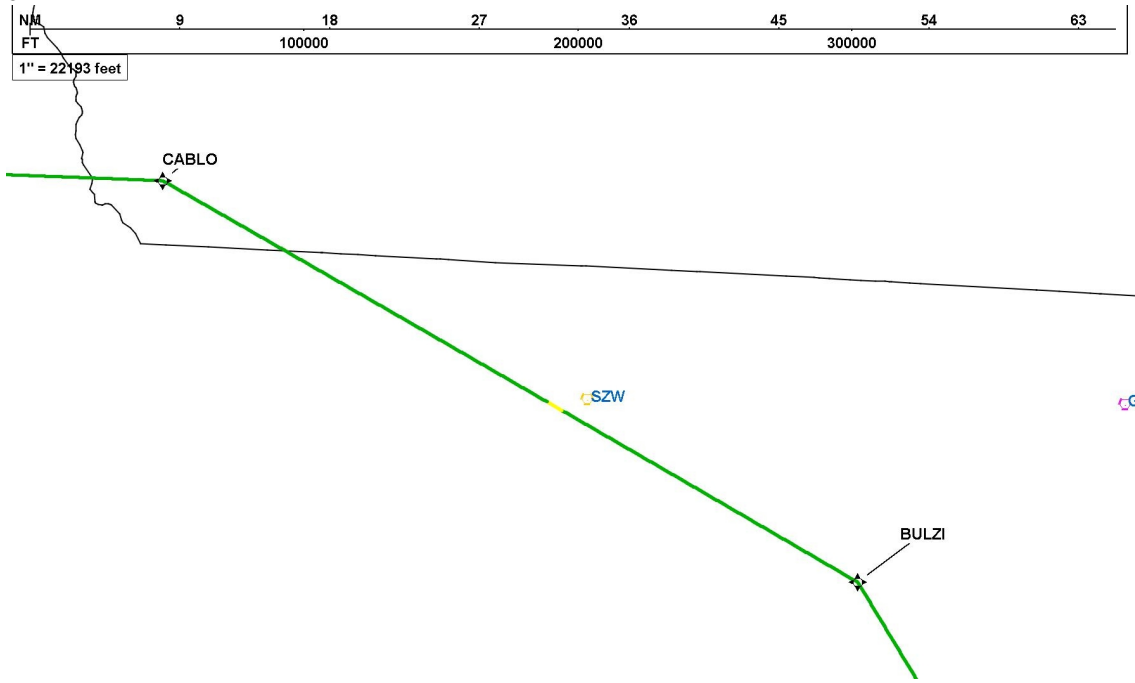


GEF



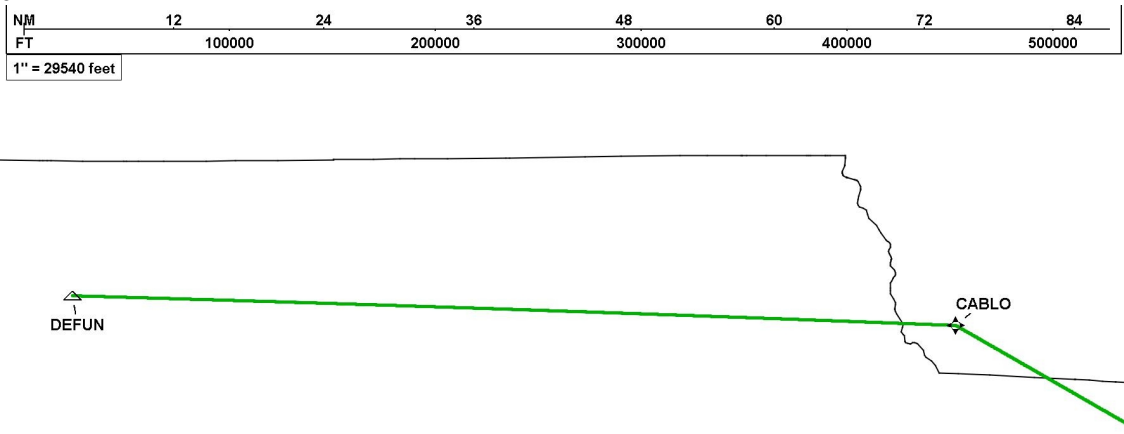
DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 8



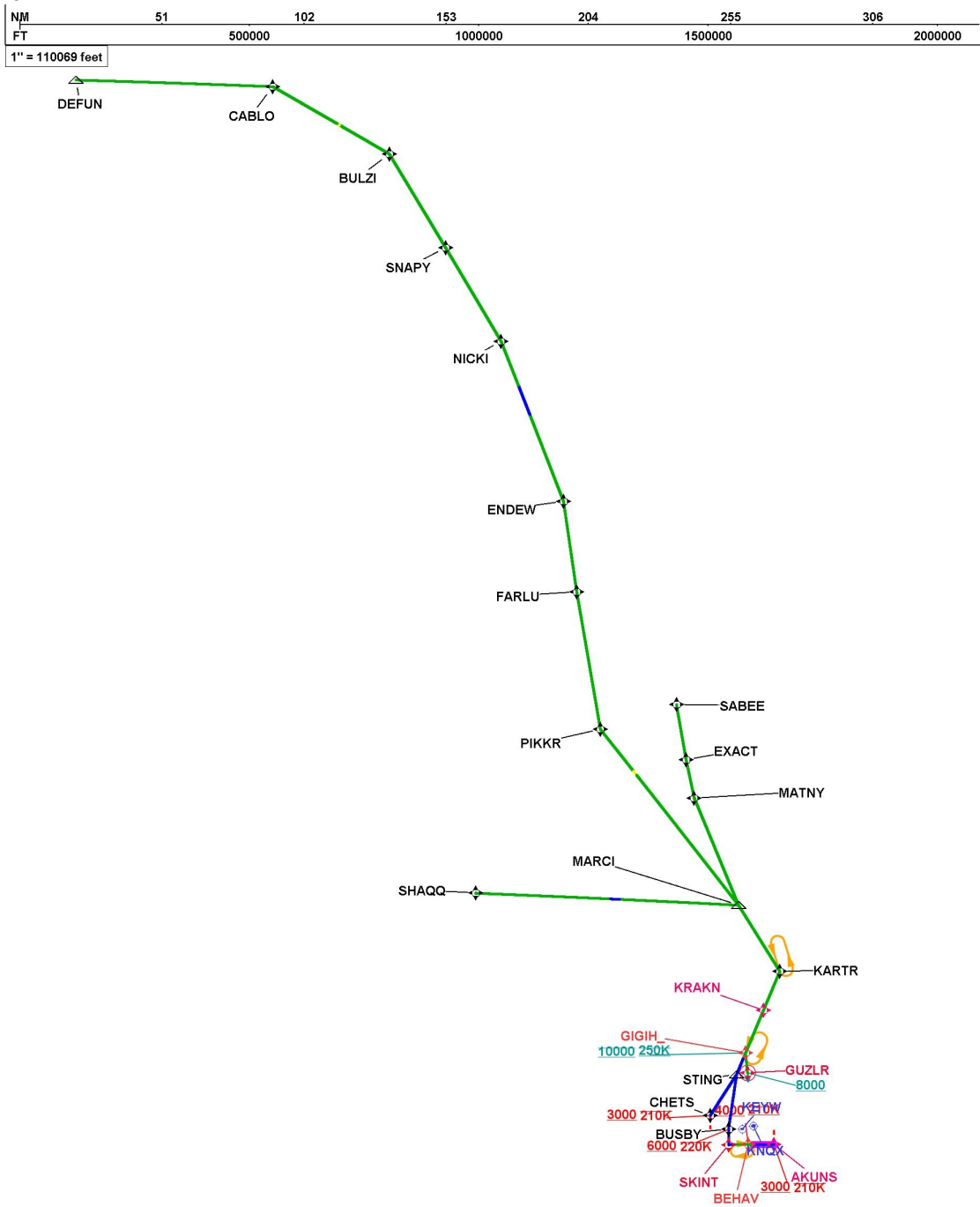
DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 9



DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 10



DME DME Assessment Results for KRAKN1 path STING_CHETS

Graphic Depiction 11

