

## DME DME Assessment Results for BANGZ2 path ACORI\_MURDO

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\ACORI_MURDO\KSRQ BANGZ2 RNAV STAR ACORI MURDO 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
ACORI	WP	N31° 46' 23.36", W085° 51' 29.51"	8000	VNAV	200	FLY_BY	TF
CABLO	WP	N30° 46' 29.00", W084° 50' 24.00"	8000	VNAV	200	FLY_BY	TF
THRTL	WP	N30° 19' 49.99", W084° 23' 49.07"	8000	VNAV	200	FLY_BY	TF
HEVVN	WP	N29° 49' 19.11", W083° 53' 42.89"	8000	VNAV	200	FLY_BY	TF
CLAMP	WP	N29° 20' 45.84", W083° 35' 21.61"	8000	VNAV	200	FLY_BY	TF
LALAA	WP	N28° 58' 35.08", W083° 27' 51.69"	8000	VNAV	200	FLY_BY	TF
CORRL	WP	N28° 23' 37.04", W083° 09' 51.57"	8000	VNAV	200	FLY_BY	TF
BANGZ	WP	N28° 16' 44.74", W083° 06' 25.61"	6000	VNAV	200	FLY_BY	TF
KIDLE	WP	N28° 11' 46.81", W083° 01' 34.58"	6000	VNAV	200	FLY_BY	TF
ALROE	WP	N27° 47' 11.09", W083° 00' 29.00"	6000	VNAV	200	FLY_BY	TF
MAHAR	WP	N27° 41' 47.52", W082° 53' 53.64"	6000	VNAV	200	FLY_BY	TF
FIVDO	WP	N27° 27' 58.34", W082° 30' 07.27"	5000	VNAV	200	FLY_BY	TF
MURDO	WP	N27° 19' 07.45", W082° 19' 45.91"	2000	VNAV	200	FLY_OVER	TF

**DME DME Assessment Results for BANGZ2 path ACORI\_MURDO**

<b>Flyability</b>	
Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,MXF,NBC,NBJ,NGS,NIP,NMM,NPA,NRB,NSE,PAM,SBSO1,SBSO3,SVN,VAD,WRB

**DME DME Assessment Results for BANGZ2 path ACORI\_MURDO**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled		
2	OZR	N31° 16' 08.22", W085° 43' 34.73"	3.0 W	40	L	IFPA	NO	Enabled		
3	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled		
4	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	IFPA	NO	Enabled		
5	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled		
6	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled		
7	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled		
8	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
9	EUF	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	L	IFPA	NO	Enabled		
10	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled		
11	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
12	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled		
13	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled		
14	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled		
15	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
16	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
17	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
18	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
19	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
20	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
21	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
22	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
23	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
24	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
25	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
26	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
27	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
28	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
29	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
30	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
31	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
32	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
33	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path ACORI\_MURDO**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
34	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
35	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
36	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
37	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
38	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path ACORI\_MURDO**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	EUF [IFPA]	OZR [IFPA]	RRS [IFPA]	MGM [IFPA]	PZD [IFPA]	
4.1	EUF [IFPA]	OZR [IFPA]	RRS [IFPA]	PZD [IFPA]		
25.7	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]			
30.8	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]	MAI [IFPA]	EUF [IFPA]	
32.2	OZR [IFPA]	MAI [IFPA]	PZD [IFPA]	RRS [IFPA]		
33.6	OZR [IFPA]	MAI [IFPA]	PZD [IFPA]			
43.5	PZD [IFPA]	MAI [IFPA]	OZR [IFPA]	RRS [IFPA]		
62.5	RRS [IFPA]	PZD [IFPA]	MAI [IFPA]			
63.2	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]	MAI [IFPA]		
64.1	RRS [IFPA]	PZD [IFPA]	MAI [IFPA]	MGR [IFPA]		
67.5	RRS [IFPA]	MAI [IFPA]	PZD [IFPA]	SZW [IFPA]		
75.9	PZD [IFPA]	SZW [IFPA]	MAI [IFPA]	MGR [IFPA]		
83.7	PZD [IFPA]	SZW [IFPA]	MAI [IFPA]			
106.5	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]	GEF [IFPA]		
106.6						
109.4	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]			
112.0	MAI [IFPA]	SZW [IFPA]	PZD [IFPA]	GEF [IFPA]		
126.5	SZW [IFPA]	GEF [IFPA]	PZD [IFPA]			
135.5	SZW [IFPA]	GEF [IFPA]				
140.9						
154.0	OTK [IFPA]	SZW [IFPA]				
170.5	OTK [IFPA]	CTY [IFPA]	SZW [IFPA]			
199.2	SZW [IFPA]	CTY [IFPA]				
199.4						
224.4	CTY [IFPA]	SRQ [IFPA]				
231.9	CTY [IFPA]	LAL [IFPA]	SRQ [IFPA]			
231.9	CTY [IFPA]	LAL [IFPA]	PIE [IFPA]	SRQ [IFPA]		
242.9	CTY [IFPA]	PIE [IFPA]				
249.9	OCF [IFPA]	PIE [IFPA]	SRQ [IFPA]	CTY [IFPA]		
256.3	OCF [IFPA]	PIE [IFPA]	SRQ [IFPA]			
257.5	OCF [IFPA]	MCF [IFPA]	PIE [IFPA]	SRQ [IFPA]		
285.2	SRQ [IFPA]	PIE [IFPA]	MCF [IFPA]			
287.4	SRQ [IFPA]	PIE [IFPA]	OCF [IFPA]	MCF [IFPA]		
288.8	SRQ [IFPA]	PIE [IFPA]	MCF [IFPA]			
299.7	MCF [IFPA]	SRQ [IFPA]	LAL [IFPA]	PIE [IFPA]		

**DME DME Assessment Results for BANGZ2 path ACORI\_MURDO**

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
311.9	LAL [IFPA]	SRQ [IFPA]	PIE [IFPA]			
313.4	LAL [IFPA]	SRQ [IFPA]	PIE [IFPA]	MCF [IFPA]		
316.8	LAL [IFPA]	PIE [IFPA]	MCF [IFPA]			
323.5	SRQ [IFPA]	PIE [IFPA]	MCF [IFPA]	LAL [IFPA]		
324.7	MCF [IFPA]	SRQ [IFPA]	PIE [IFPA]			
330.3	MCF [IFPA]	SRQ [IFPA]				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 25' 54.23", W084° 29' 50.62"	N30° 23' 47.79", W084° 27' 45.00"	2.7745
2	N29° 59' 51.33", W084° 04' 03.71"	N29° 49' 49.60", W083° 54' 12.76"	13.1665
3	N29° 49' 19.11", W083° 53' 42.89"	N29° 49' 16.20", W083° 53' 41.01"	0.0555
4	N29° 09' 11.73", W083° 31' 26.51"	N28° 45' 49.14", W083° 21' 15.82"	25.0525

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ACORI	CABLO	PZD [IFPA], OZR [IFPA], EUF [IFPA], MGM [IFPA], MGR [IFPA], RRS [IFPA], MAI [IFPA], SZW [IFPA]	
CABLO	THRTL	PZD [IFPA], MGR [IFPA], GEF [IFPA], MAI [IFPA], SZW [IFPA]	
THRTL	HEVVN	PZD [IFPA], OTK [IFPA], GEF [IFPA], MAI [IFPA], SZW [IFPA]	
HEVVN	CLAMP	OTK [IFPA], CTY [IFPA], SZW [IFPA]	
CLAMP	LALAA	OTK [IFPA], CTY [IFPA], SZW [IFPA]	
LALAA	CORRL	LAL [IFPA], SRQ [IFPA], PIE [IFPA], CTY [IFPA]	
CORRL	BANGZ	SRQ [IFPA], PIE [IFPA], CTY [IFPA], OCF [IFPA]	
BANGZ	KIDLE	SRQ [IFPA], PIE [IFPA], OCF [IFPA], MCF [IFPA]	
KIDLE	ALROE	SRQ [IFPA], PIE [IFPA], OCF [IFPA], MCF [IFPA]	
ALROE	MAHAR	SRQ [IFPA], PIE [IFPA], OCF [IFPA], MCF [IFPA]	
MAHAR	FIVDO	LAL [IFPA], SRQ [IFPA], PIE [IFPA], MCF [IFPA]	
FIVDO	MURDO	LAL [IFPA], SRQ [IFPA], PIE [IFPA], MCF [IFPA]	

**DME DME Assessment Results for BANGZ2 path ACORI\_MURDO**

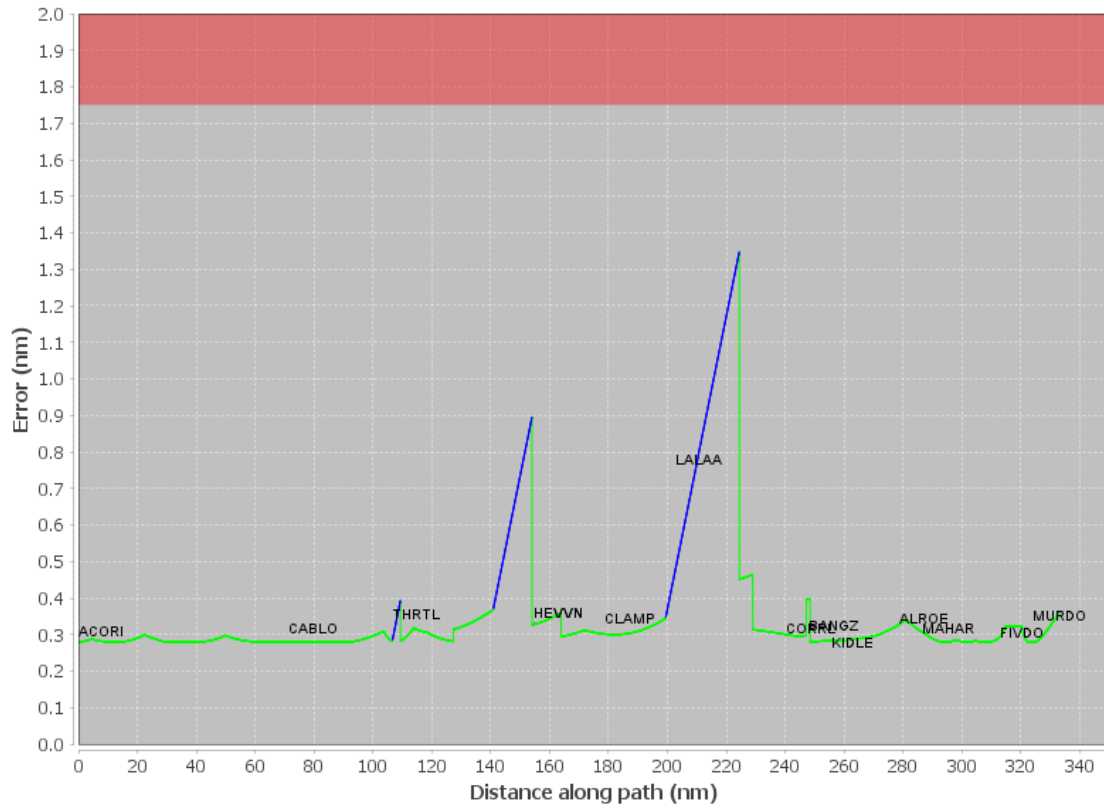
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°			Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft			
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°			Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft			
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°			Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft			
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°			Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft			
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°			Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft			
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°			Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft			
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°			Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft			
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°			Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft			
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°			Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft			
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°			Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft			
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°			Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft			
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°			Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft			
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°			Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft			
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°			Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft			
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft			
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°			Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft			





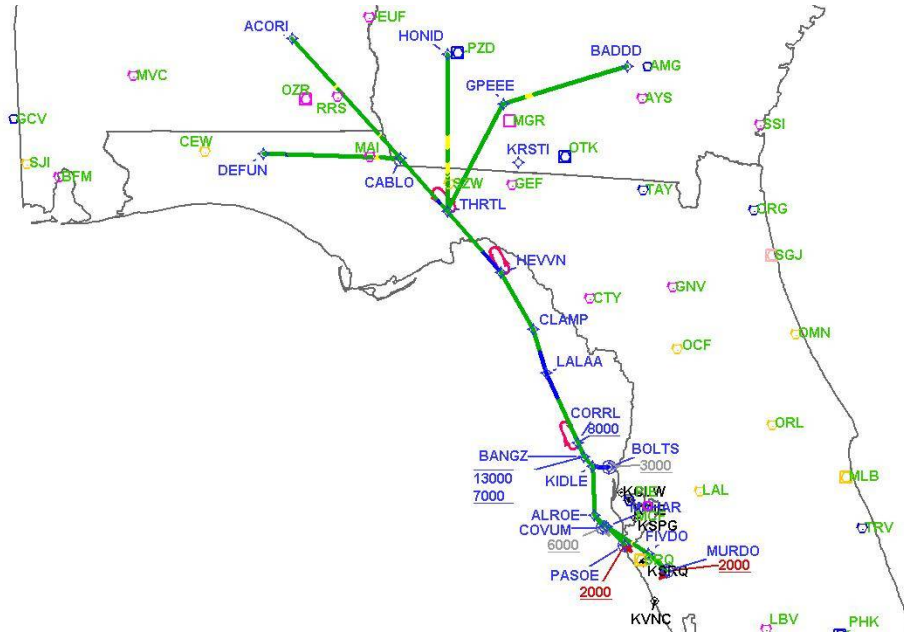
# DME DME Assessment Results for BANGZ path ACORI\_MURDO

## DME Error



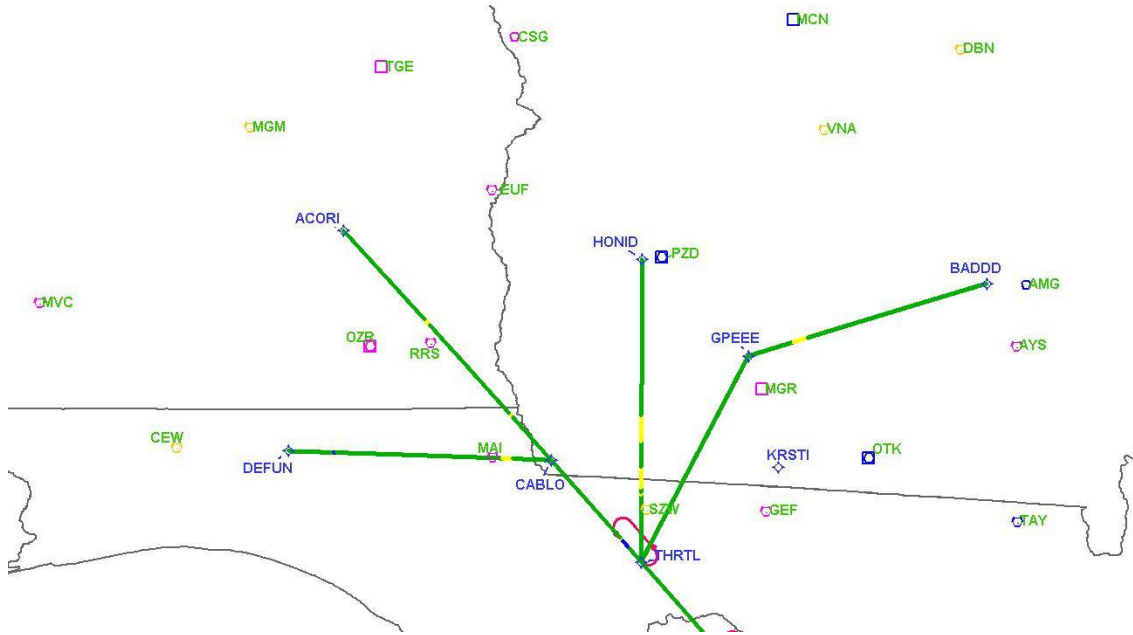
# DME DME Assessment Results for BANGZ2 path ACORI\_MURDO

Graphic Depiction 1



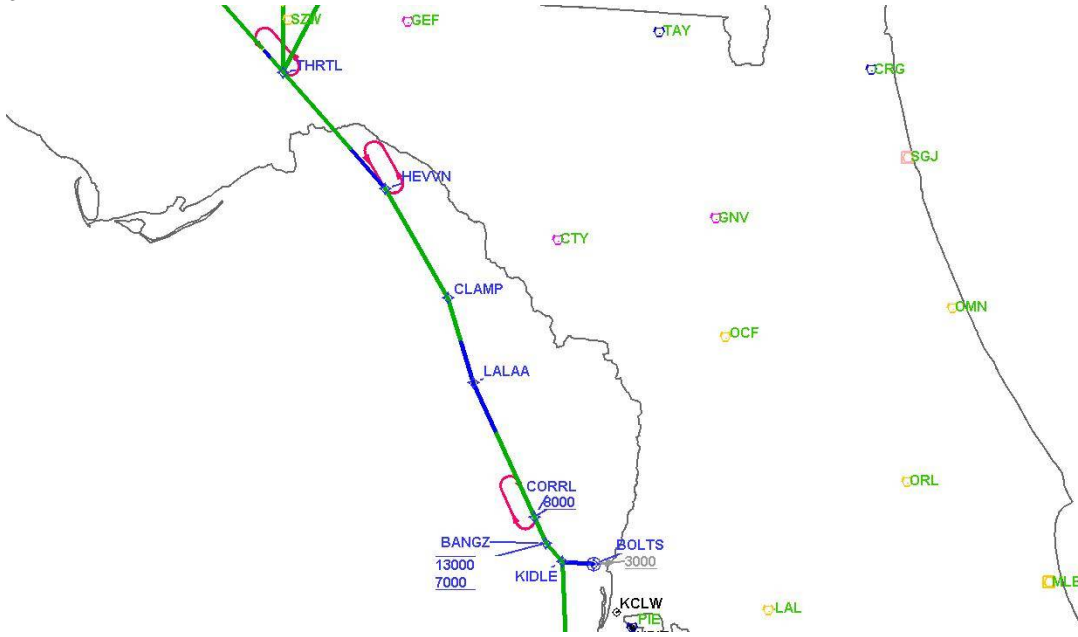
# DME DME Assessment Results for BANGZ2 path ACORI\_MURDO

Graphic Depiction 2



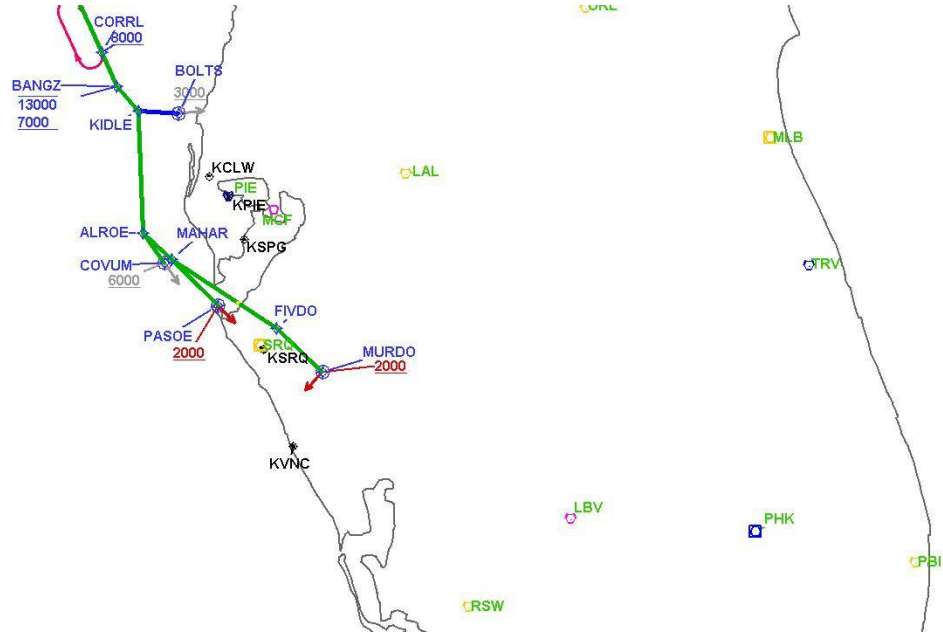
# DME DME Assessment Results for BANGZ path ACORI\_MURDO

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path ACORI\_MURDO

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path ALROE\_COVUM

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\ALROE_COVUM\KSRQ BANGZ2 RNAV STAR ALROE COVUM 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
ALROE	WP	N27° 47' 11.09", W083° 00' 29.00"	6000	VNAV	200	FLY_BY	TF
COVUM	WP	N27° 41' 05.04", W082° 55' 37.25"	6000	VNAV	200	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path ALROE\_COVUM

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path ALROE\_COVUM**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled		
2	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled		
3	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled		
4	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled		
5	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
6	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
7	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
8	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
9	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
10	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
11	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
12	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
13	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
14	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
15	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
16	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
17	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
18	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
19	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
20	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
21	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
22	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
23	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
24	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
25	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
26	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

<b>Flight Check DME Selection</b>						
Distance [NM]	Selected DMEs					Alternate
0.0	SRQ [IFPA]	PIE [IFPA]	OCF [IFPA]	MCF [IFPA]		
0.7	SRQ [IFPA]	PIE [IFPA]	MCF [IFPA]			

<b>Inertial Drift Segments</b>			
#	Start Location	End Location	Length [NM]



DME DME Assessment Results for BANGZ2 path ALROE\_COVUM

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ALROE	COVUM	SRQ [IFPA], PIE [IFPA], OCF [IFPA], MCF [IFPA]	

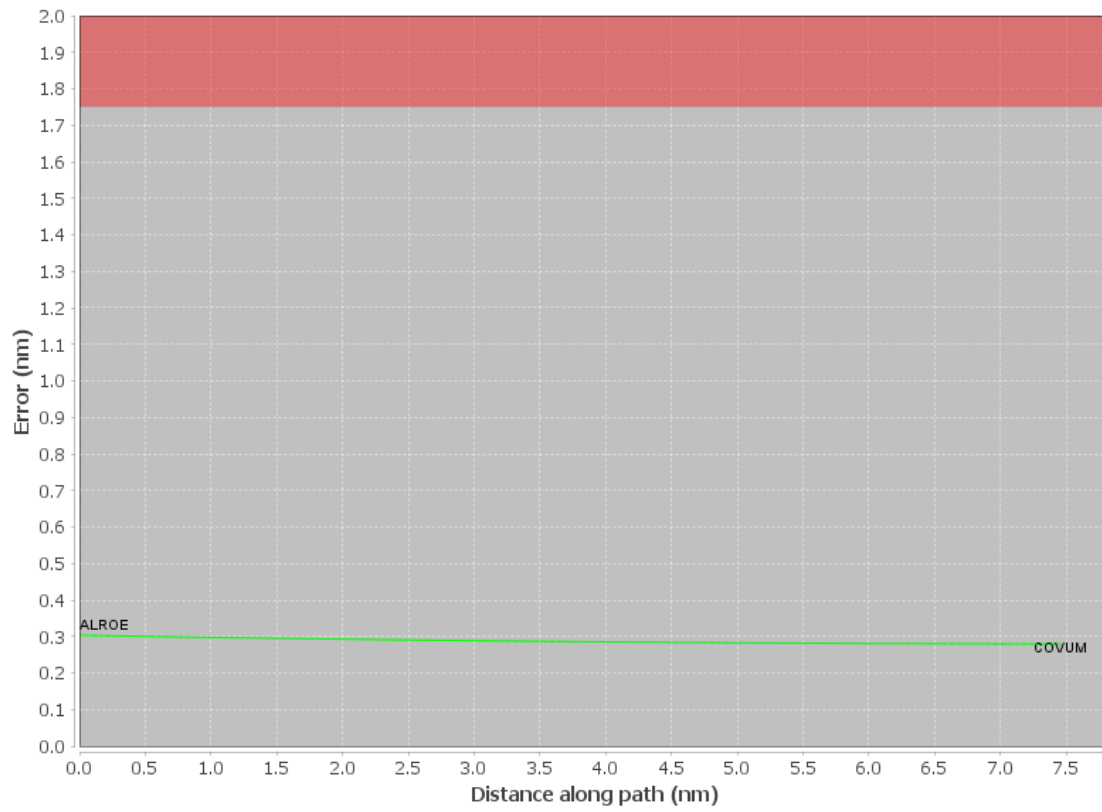
**DME DME Assessment Results for BANGZ2 path ALROE\_COVUM**

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°				Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft		
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°				Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft		
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°				Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft		
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°				Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft		
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°				Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft		
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°				Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft		
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°				Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft		
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°				Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft		
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°				Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft		
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft		
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°				Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft		
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft		
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°				Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft		
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°				Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft		

**DME DME Assessment Results for BANGZ2 path ALROE\_COVUM**

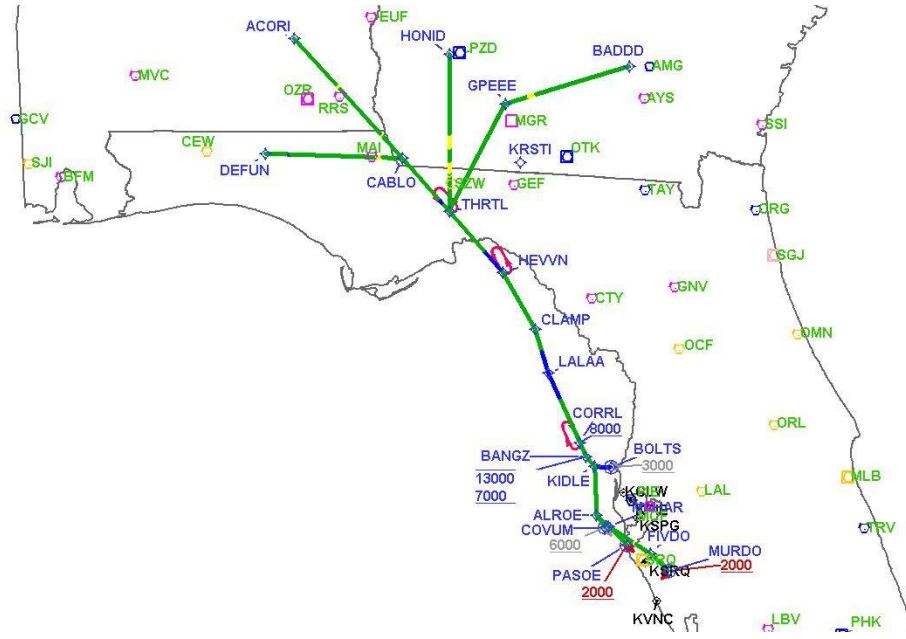
# DME DME Assessment Results for BANGZ2 path ALROE\_COVUM

## DME Error



# DME DME Assessment Results for BANGZ2 path ALROE\_COVUM

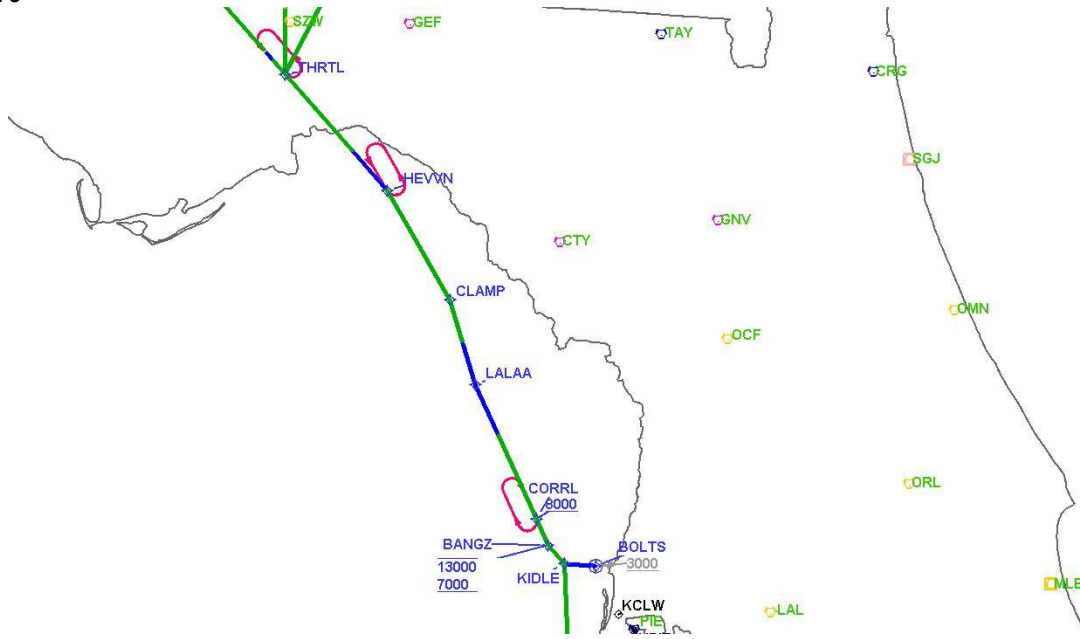
Graphic Depiction 1





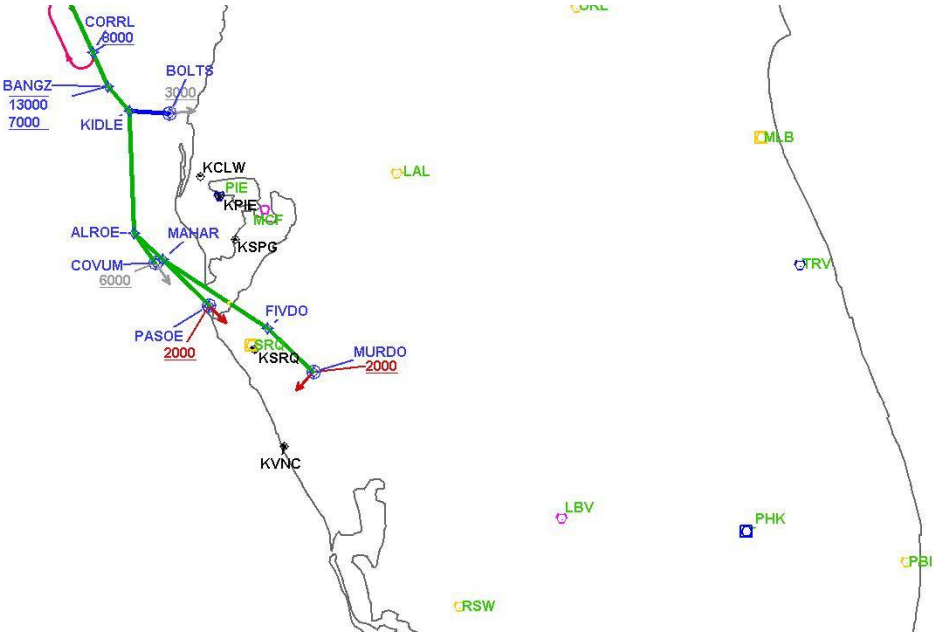
# DME DME Assessment Results for BANGZ2 path ALROE\_COVUM

Graphic Depiction 3



DME DME Assessment Results for BANGZ2 path ALROE\_COVUM

Graphic Depiction 4





## DME DME Assessment Results for BANGZ2 path BADDD\_THRTL

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\BADDD_THRTL\KSRQ BANGZ2 RNAV STAR BADDD THRTL 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
BADDD	WP	N31° 32' 37.68", W082° 42' 05.34"	8000	VNAV	200	FLY_BY	TF
GPEEE	WP	N31° 13' 40.41", W083° 52' 15.08"	8000	VNAV	200	FLY_BY	TF
THRTL	WP	N30° 19' 49.99", W084° 23' 49.07"	8000	VNAV	200	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path BADDD\_THRTL**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path BADDD\_THRTL**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
2	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled		
3	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
4	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled		
5	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
6	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	IFPA	NO	Enabled		
7	AYS	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	L	IFPA	NO	Enabled		
8	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
9	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
10	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
11	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
12	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
13	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
14	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
15	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
16	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
17	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
18	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
19	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
20	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
21	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
22	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
23	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
24	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
25	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
26	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
27	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
28	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
29	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
30	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path BADDD\_THRTL**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	AMG [IFPA]	AYS [IFPA]	OTK [IFPA]	PZD [IFPA]		
24.7	OTK [IFPA]	PZD [IFPA]	AYS [IFPA]	AMG [IFPA]	MGR [IFPA]	
30.1	OTK [IFPA]	AYS [IFPA]	PZD [IFPA]	MGR [IFPA]		
31.3	OTK [IFPA]	PZD [IFPA]	MGR [IFPA]			
32.0	MGR [IFPA]	PZD [IFPA]				
32.5	PZD [IFPA]	OTK [IFPA]	MGR [IFPA]			
48.9	MGR [IFPA]	PZD [IFPA]	AMG [IFPA]	OTK [IFPA]		
50.9	MGR [IFPA]	PZD [IFPA]	OTK [IFPA]			
51.8	MGR [IFPA]	PZD [IFPA]				
59.5	AMG [IFPA]	MGR [IFPA]	PZD [IFPA]			
60.1	AMG [IFPA]	MGR [IFPA]	MAI [IFPA]	PZD [IFPA]		
67.1	MAI [IFPA]	GEF [IFPA]	PZD [IFPA]	AMG [IFPA]	MGR [IFPA]	
71.5	MAI [IFPA]	GEF [IFPA]	PZD [IFPA]	MGR [IFPA]		
71.6	MGR [IFPA]	GEF [IFPA]	SZW [IFPA]	PZD [IFPA]		
107.6	PZD [IFPA]	SZW [IFPA]	GEF [IFPA]			
107.8	PZD [IFPA]	GEF [IFPA]				
113.4	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]			
118.8	SZW [IFPA]	GEF [IFPA]	PZD [IFPA]	MAI [IFPA]		

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
BADDD	GPEEE	PZD [IFPA], OTK [IFPA], MGR [IFPA], MAI [IFPA], AMG [IFPA], AYS [IFPA]	
GPEEE	THRTL	PZD [IFPA], MGR [IFPA], GEF [IFPA], MAI [IFPA], AMG [IFPA], SZW [IFPA]	

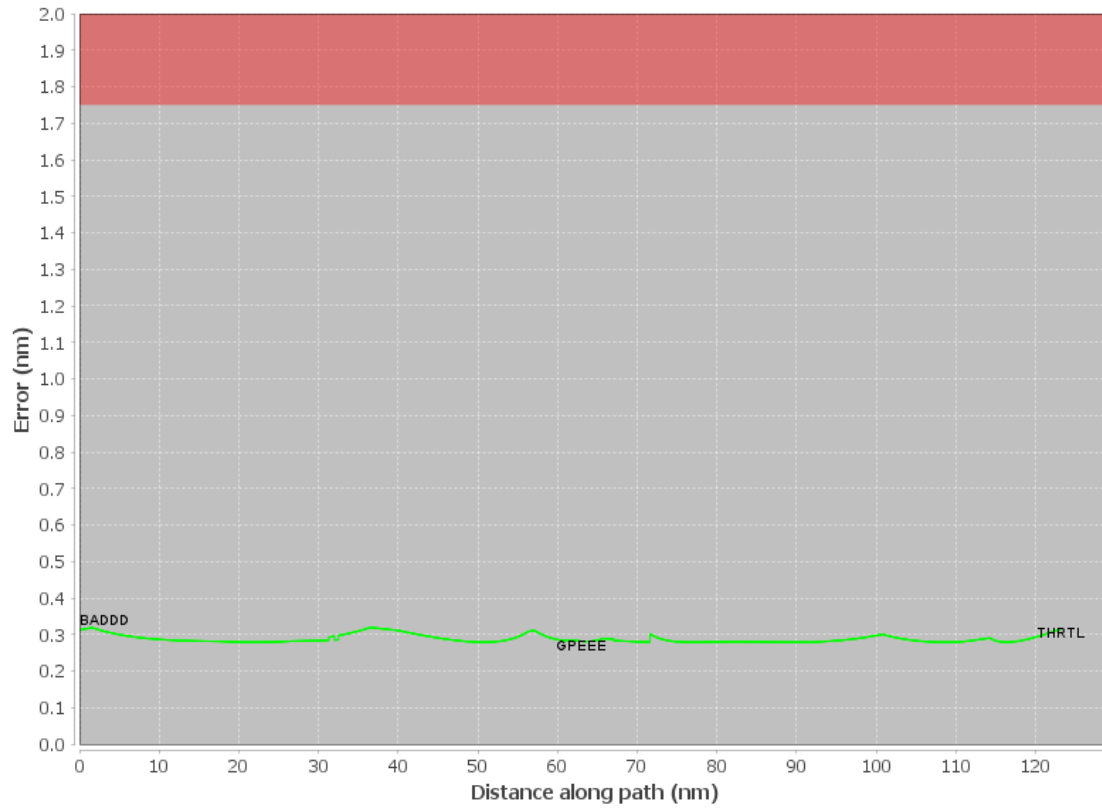
**DME DME Assessment Results for BANGZ2 path BADDD\_THRTL**

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°				Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft		
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°				Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft		
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°				Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft		
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°				Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft		
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°				Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft		
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°				Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft		
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°				Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft		
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°				Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft		
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°				Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft		
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft		
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°				Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft		
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft		
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°				Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft		
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°				Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft		



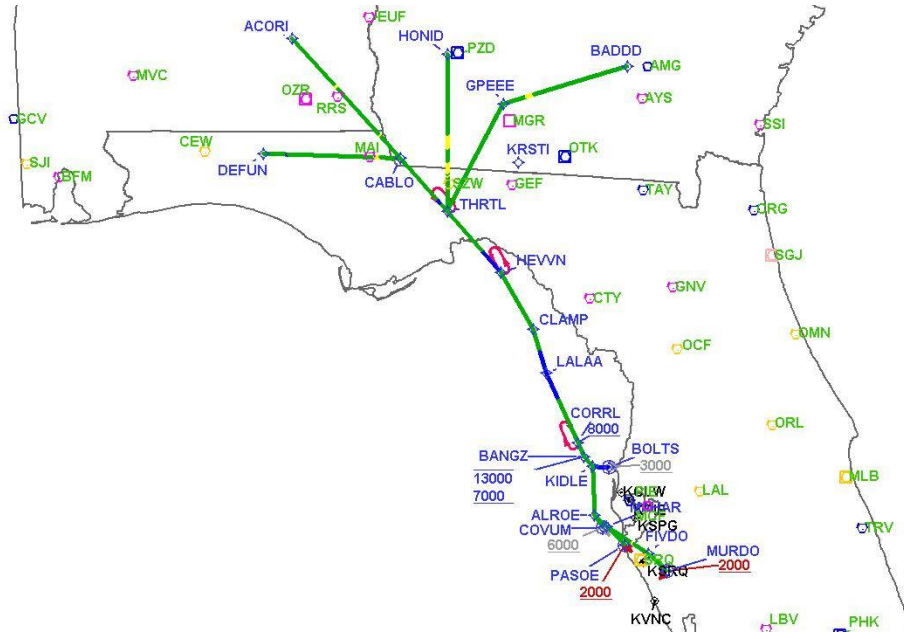
# DME DME Assessment Results for BANGZ2 path BADDD\_THRTL

## DME Error



# DME DME Assessment Results for BANGZ2 path BADD\_THRTL

Graphic Depiction 1

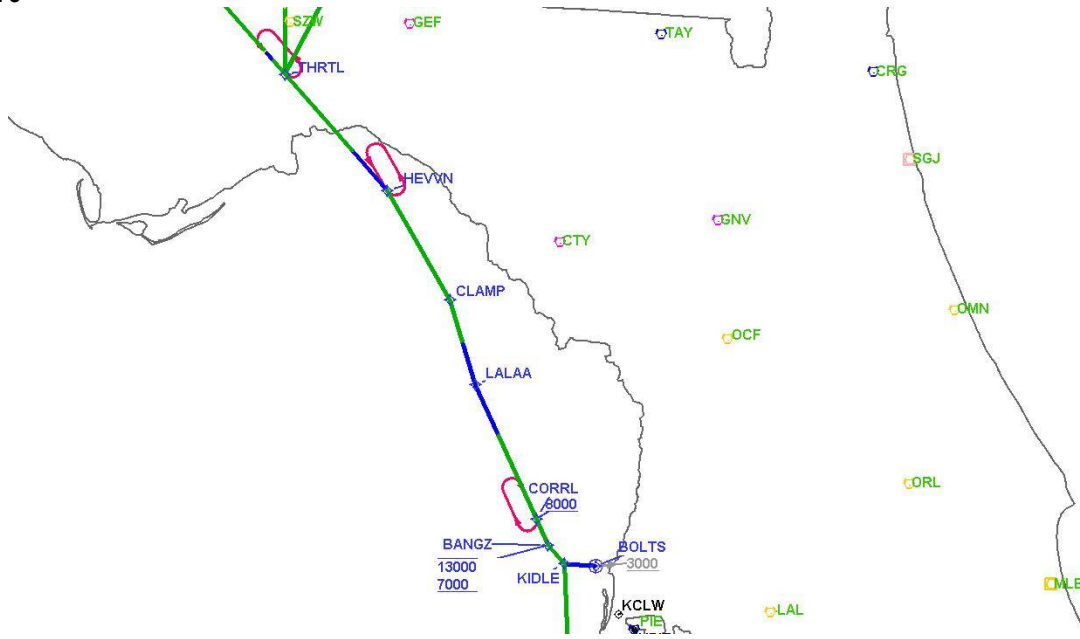






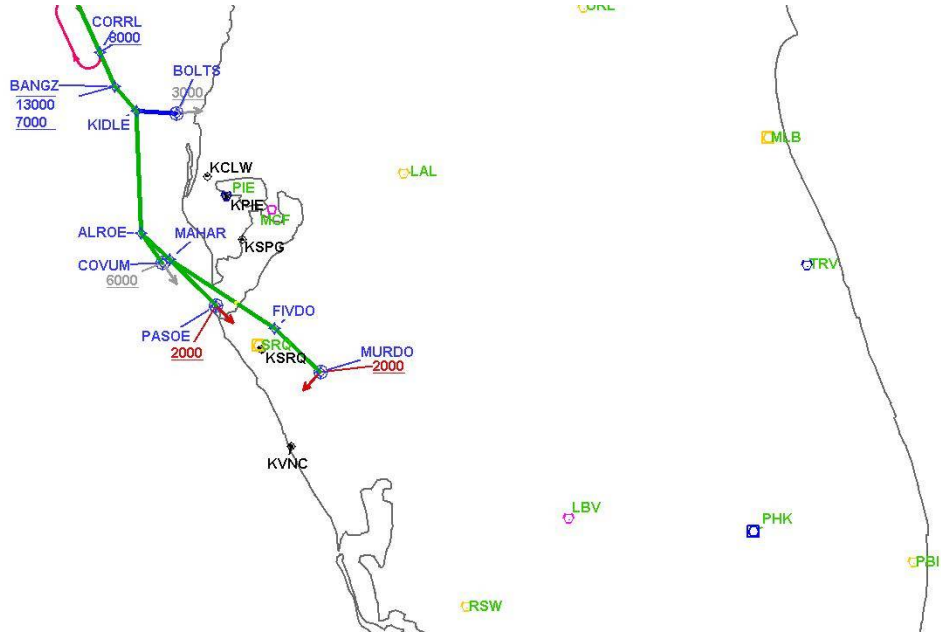
# DME DME Assessment Results for BANGZ2 path BADD\_ THRTL

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path BADD\_THRTL

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\DEFUN_CABLO\KSRQ BANGZ2 RNAV STAR DEFUN CABLO 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
DEFUN	WP	N30° 48' 51.27", W086° 07' 53.09"	8000	VNAV	200	FLY_BY	TF
CABLO	WP	N30° 46' 29.00", W084° 50' 24.00"	8000	VNAV	200	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path DEFUN\_CABLO**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	OZR	N31° 16' 08.22", W085° 43' 34.73"	3.0 W	40	L	IFPA	NO	Enabled		
2	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
3	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	IFPA	NO	Enabled		
4	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
5	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled		
6	CEW	N30° 49' 34.23", W086° 40' 44.92"	3.0 E	130	H	IFPA	NO	Enabled		
7	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
8	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
9	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
10	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
11	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
12	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
13	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
14	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
15	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
16	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
17	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
18	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
19	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
20	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
21	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
22	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
23	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
24	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
25	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
26	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
27	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
28	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
29	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
30	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	MGM [IFPA]	CEW [IFPA]	OZR [IFPA]			
11.6						
12.2	OZR [IFPA]	MAI [IFPA]	MGM [IFPA]			
13.1	OZR [IFPA]	MAI [IFPA]	MGM [IFPA]	RRS [IFPA]		
13.3	OZR [IFPA]	MAI [IFPA]	RRS [IFPA]	PZD [IFPA]		
44.2	RRS [IFPA]	MAI [IFPA]	PZD [IFPA]			
46.6	RRS [IFPA]	PZD [IFPA]				
54.3	PZD [IFPA]	SZW [IFPA]	RRS [IFPA]			
55.1	PZD [IFPA]	SZW [IFPA]	RRS [IFPA]	MAI [IFPA]		
57.0	PZD [IFPA]	SZW [IFPA]	MGR [IFPA]	RRS [IFPA]		
57.2	PZD [IFPA]	SZW [IFPA]	MGR [IFPA]			
59.9	PZD [IFPA]	SZW [IFPA]	MAI [IFPA]	MGR [IFPA]		

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>
1	N30° 48' 29.88", W085° 54' 25.13"	N30° 48' 28.71", W085° 53' 42.61"	0.6106

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
DEFUN	CABLO	OZR [IFPA], PZD [IFPA], MGM [IFPA], MGR [IFPA], RRS [IFPA], CEW [IFPA], MAI [IFPA], SZW [IFPA]	

**DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO**

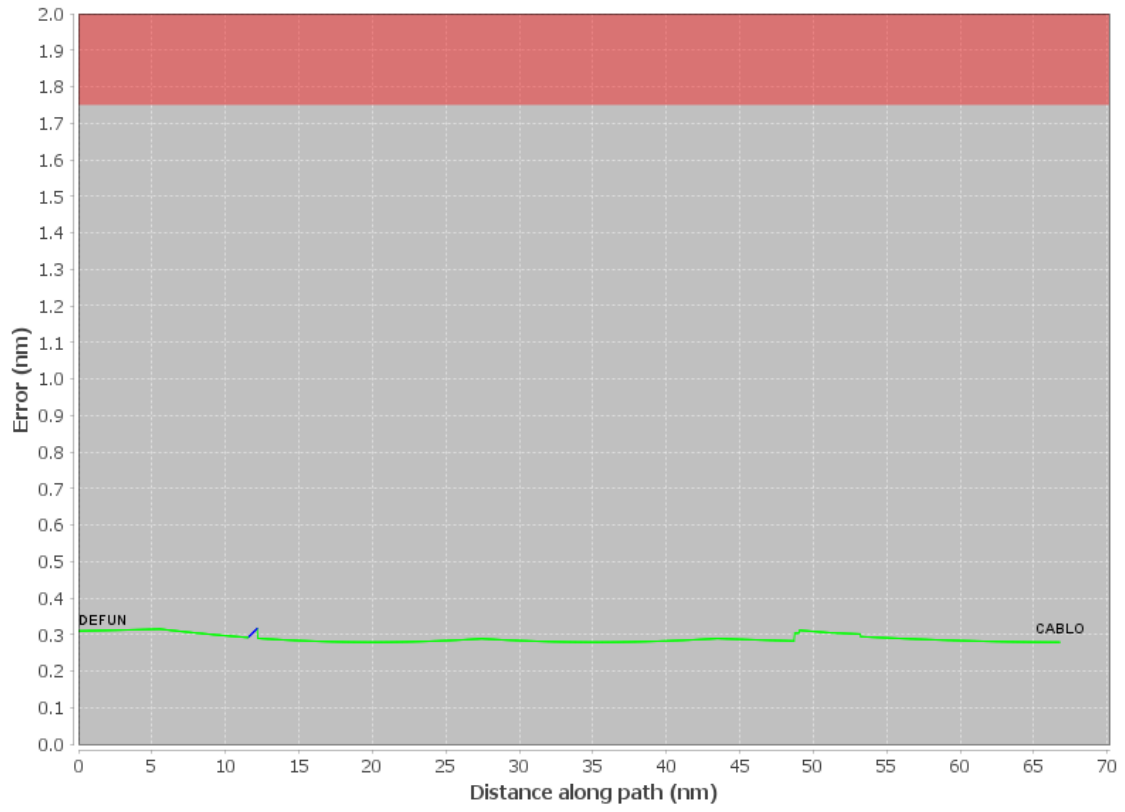
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°				Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft		
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°				Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft		
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°				Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft		
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°				Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft		
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°				Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft		
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°				Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft		
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°				Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft		
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°				Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft		
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°				Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft		
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft		
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°				Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft		
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft		
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°				Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft		
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°				Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft		





# DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO

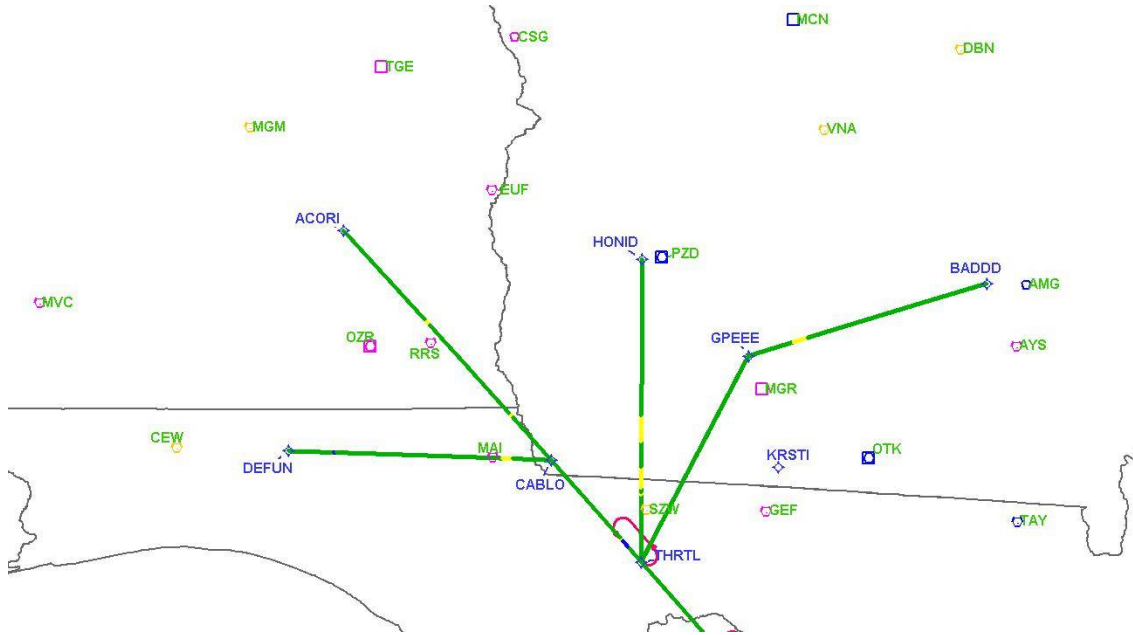
## DME Error





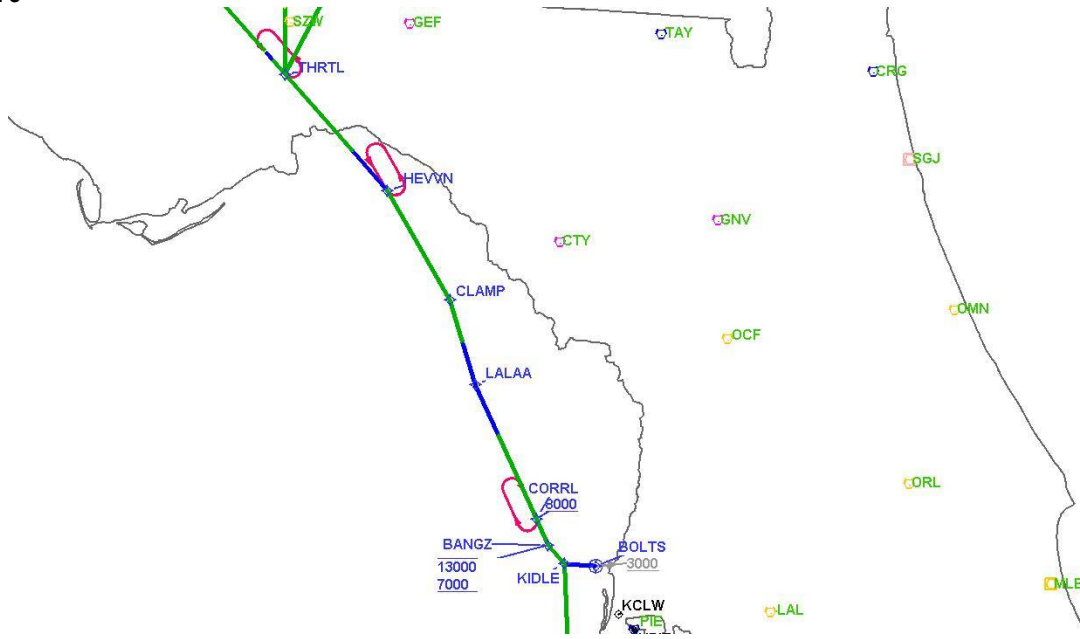
# DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO

Graphic Depiction 2



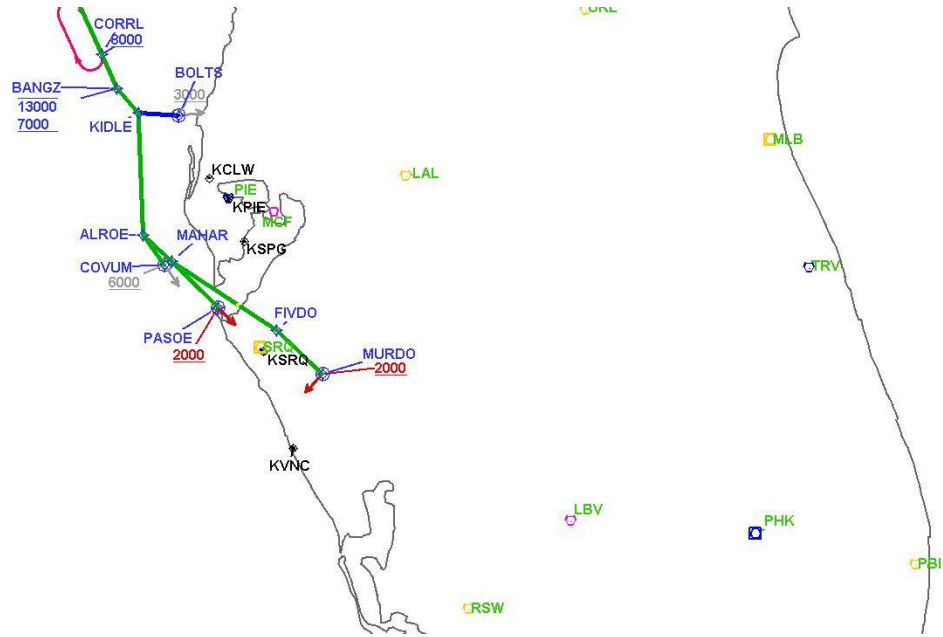
# DME DME Assessment Results for BANGZ path DEFUN\_CABLO

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path DEFUN\_CABLO

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path HONID\_THRTL

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\HONID_THRTL\KSRQ BANGZ2 RNAV STAR HONID THRTL 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
HONID	WP	N31° 38' 50.31", W084° 23' 42.60"	8000	VNAV	200	FLY_BY	TF
THRTL	WP	N30° 19' 49.99", W084° 23' 49.07"	8000	VNAV	200	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path HONID\_THRTL**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB



**DME DME Assessment Results for BANGZ2 path HONID\_THRTL**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	EUF	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	L	IFPA	NO	Enabled		
2	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
3	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
4	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled		
5	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled		
6	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
7	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
8	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
9	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
10	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
11	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
12	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
13	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
14	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
15	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
16	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
17	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
18	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
19	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
20	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
21	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
22	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
23	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
24	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
25	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
26	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
27	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
28	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
29	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path HONID\_THRTL**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	MAI [IFPA]	EUF [IFPA]	RRS [IFPA]			
2.3	MAI [IFPA]	EUF [IFPA]	PZD [IFPA]	RRS [IFPA]		
13.4	MAI [IFPA]	EUF [IFPA]	MGR [IFPA]	PZD [IFPA]	RRS [IFPA]	
39.3	MGR [IFPA]	SZW [IFPA]	RRS [IFPA]	PZD [IFPA]	MAI [IFPA]	
39.9	MGR [IFPA]	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]		
41.2	MGR [IFPA]	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]	GEF [IFPA]	
47.6	MGR [IFPA]	SZW [IFPA]	PZD [IFPA]	GEF [IFPA]		
54.1	PZD [IFPA]	MAI [IFPA]	SZW [IFPA]	GEF [IFPA]	MGR [IFPA]	
59.7	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]			
60.7	PZD [IFPA]	GEF [IFPA]	MAI [IFPA]	SZW [IFPA]		
61.5	PZD [IFPA]	GEF [IFPA]				
69.1	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]			
75.8	SZW [IFPA]	GEF [IFPA]	MAI [IFPA]	PZD [IFPA]		

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
HONID	THRTL	EUF [IFPA], PZD [IFPA], MGR [IFPA], GEF [IFPA], RRS [IFPA], MAI [IFPA], SZW [IFPA]	

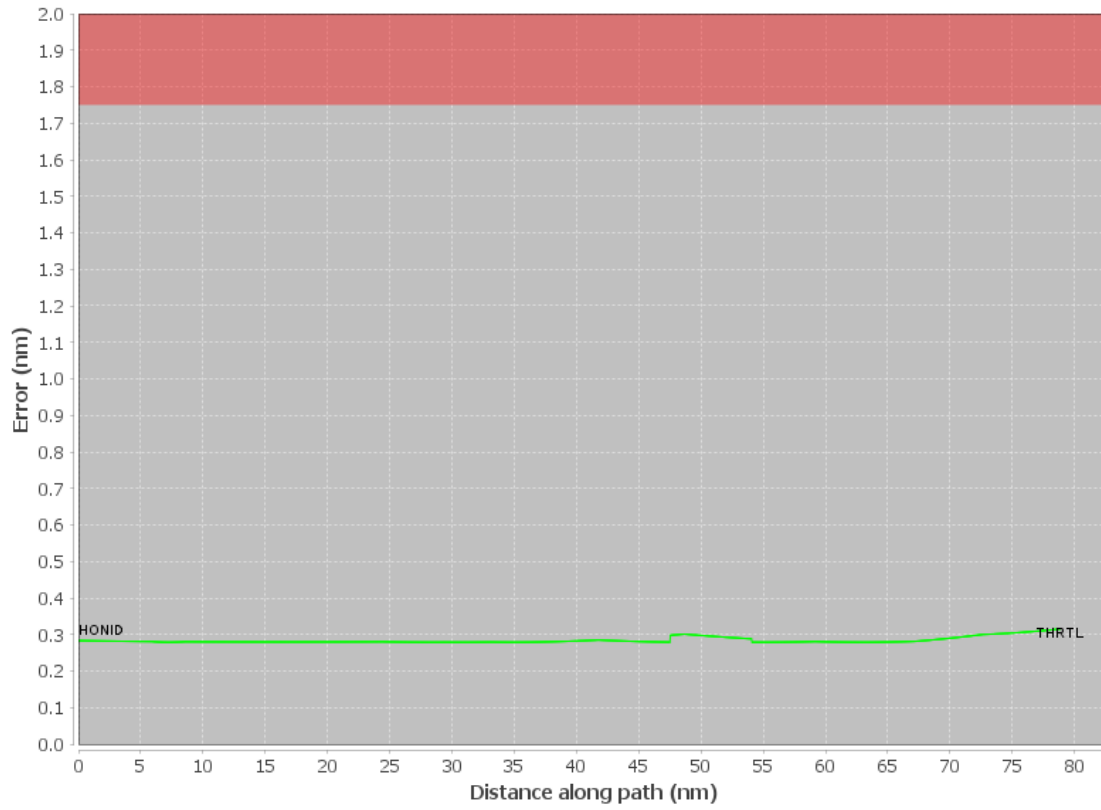
**DME DME Assessment Results for BANGZ2 path HONID\_THRTL**

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°			Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft			
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°			Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft			
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°			Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft			
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°			Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft			
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°			Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft			
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°			Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft			
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°			Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft			
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°			Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft			
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°			Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft			
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°			Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft			
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°			Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft			
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°			Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft			
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°			Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft			
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°			Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft			
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft			
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°			Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft			

**DME DME Assessment Results for BANGZ2 path HONID\_THRTL**

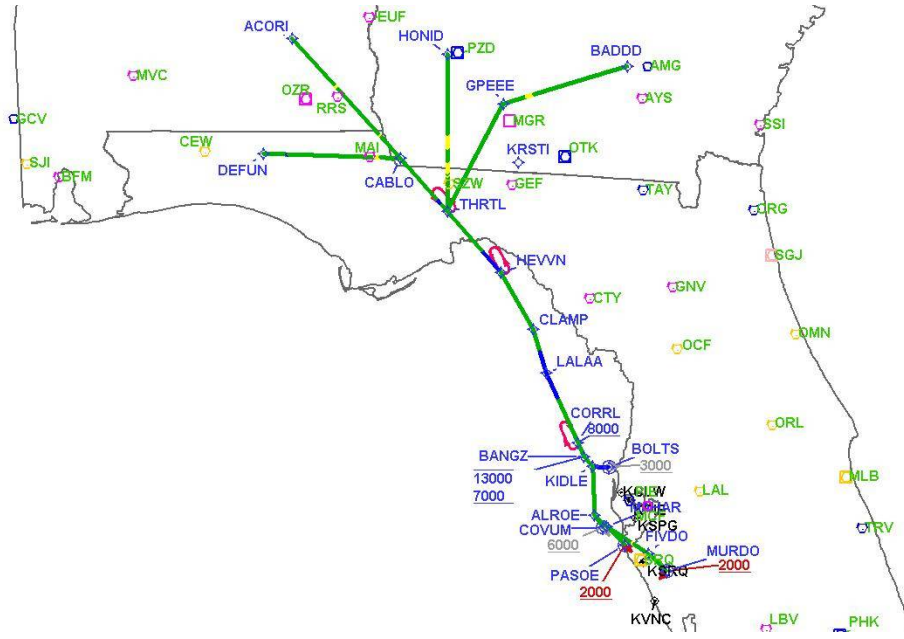
# DME DME Assessment Results for BANGZ2 path HONID\_THRTL

## DME Error



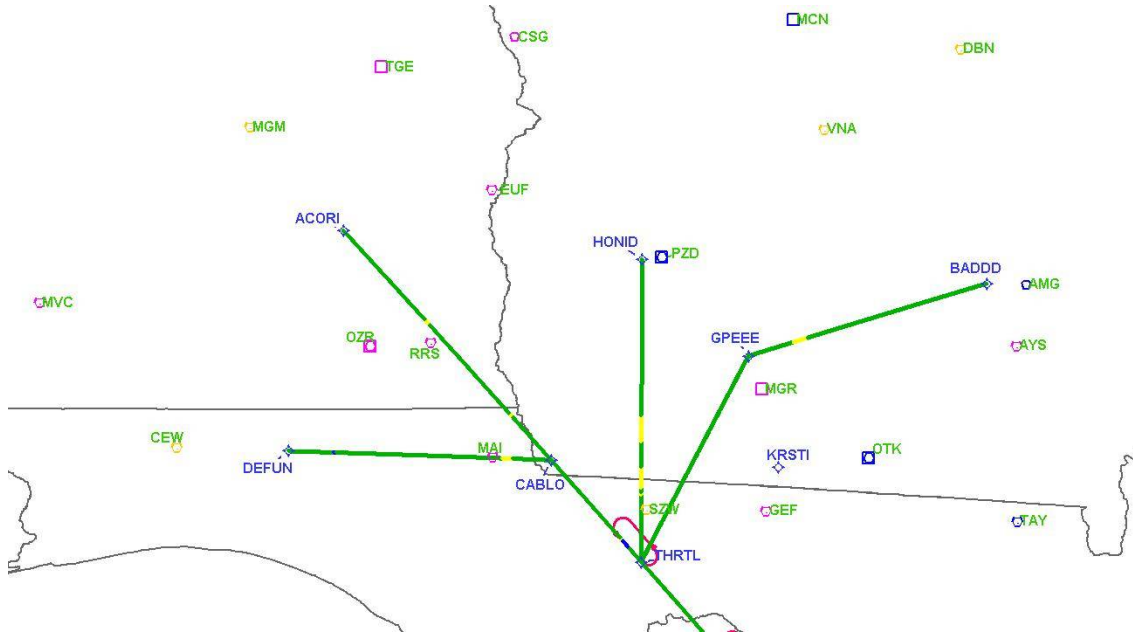
# DME DME Assessment Results for BANGZ path HONID\_THRTL

Graphic Depiction 1



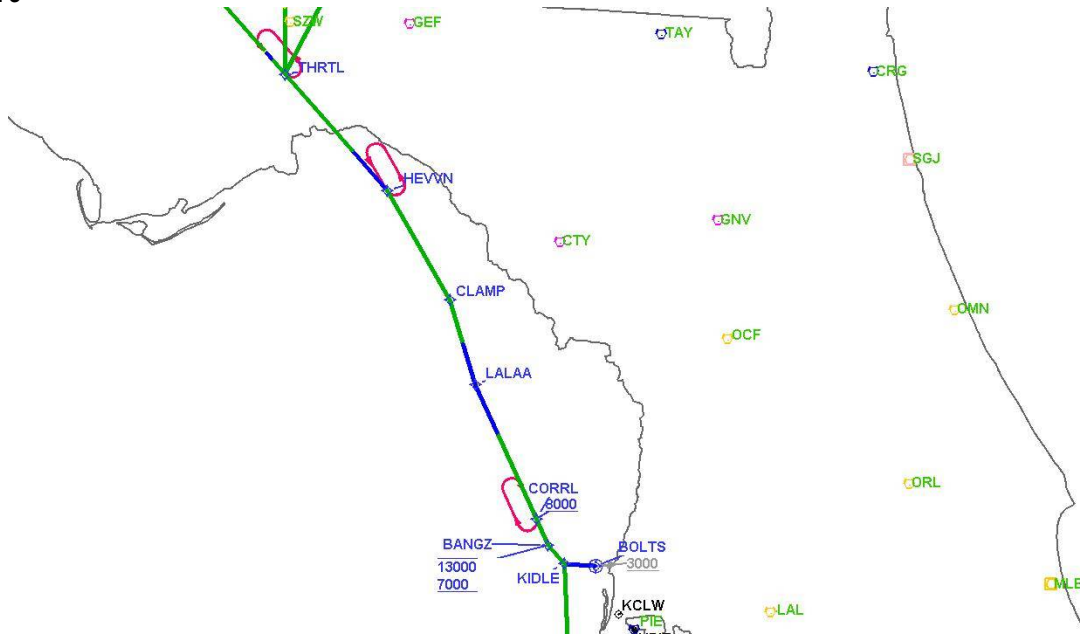
# DME DME Assessment Results for BANGZ2 path HONID\_THRTL

Graphic Depiction 2



# DME DME Assessment Results for BANGZ2 path HONID\_THRTL

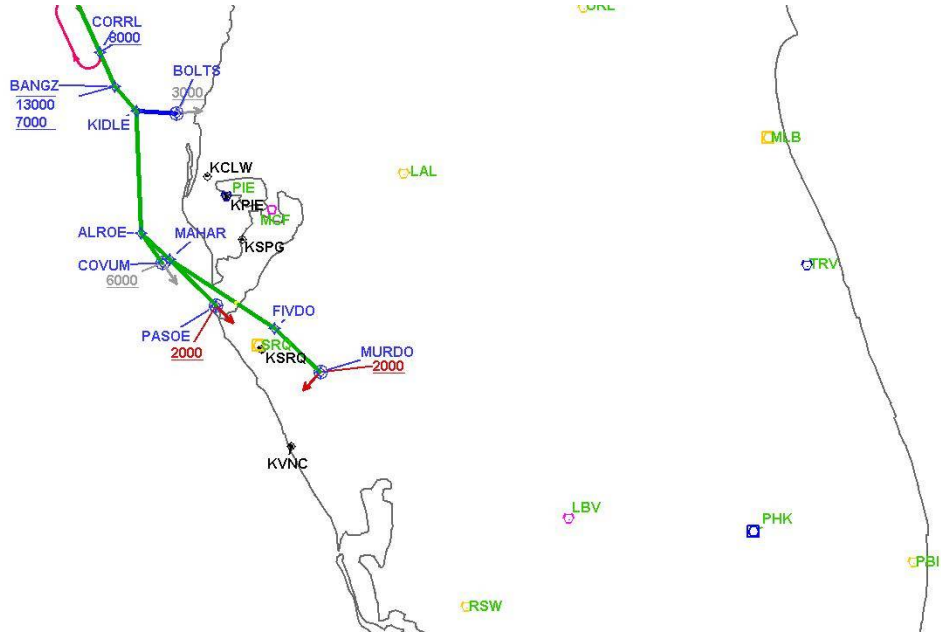
Graphic Depiction 3





# DME DME Assessment Results for BANGZ2 path HONID\_THRTL

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\KIDLE_BOLTS\KSRQ BANGZ2 RNAV STAR KIDLE BOLTS 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KIDLE	WP	N28° 11' 46.81", W083° 01' 34.58"	6000	VNAV	200	FLY_BY	TF
BOLTS	WP	N28° 11' 15.93", W082° 52' 21.14"	3000	VNAV	200	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path KIDLE\_BOLTS

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled		
2	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled		
3	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled		
4	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled		
5	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
6	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
7	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
8	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
9	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
10	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
11	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
12	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
13	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
14	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
15	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
16	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
17	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
18	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
19	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
20	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
21	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
22	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
23	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
24	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
25	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
26	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

<b>Flight Check DME Selection</b>						
Distance [NM]	Selected DMEs					Alternate
0.0	OCF [IFPA]	MCF [IFPA]	PIE [IFPA]	SRQ [IFPA]		
0.1						

<b>Inertial Drift Segments</b>			
#	Start Location	End Location	Length [NM]
1	N28° 11' 46.60", W083° 01' 30.81"	N28° 11' 15.93", W082° 52' 21.14"	8.111

DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KIDLE	BOLTS	SRQ [IFPA], PIE [IFPA], OCF [IFPA], MCF [IFPA]	

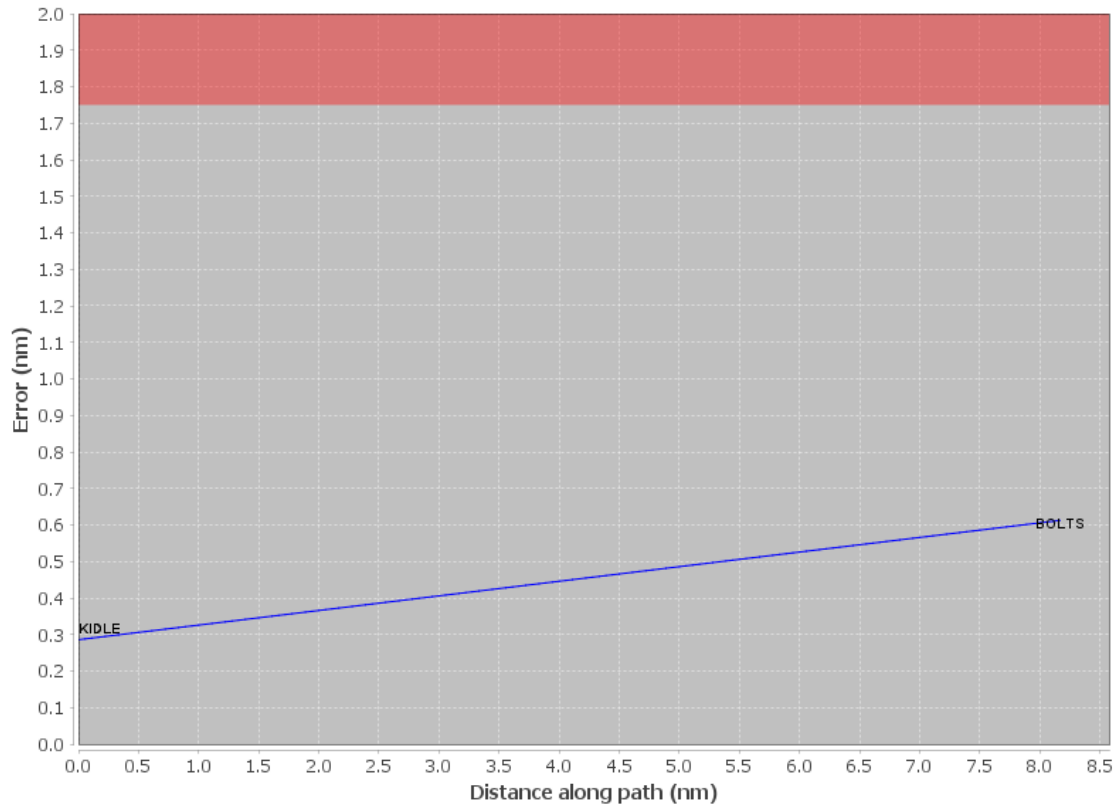
**DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS**

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°			Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft			
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°			Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft			
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°			Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft			
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°			Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft			
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°			Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft			
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°			Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft			
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°			Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft			
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°			Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft			
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°			Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft			
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°			Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft			
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°			Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft			
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°			Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft			
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°			Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft			
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°			Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft			
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft			
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°			Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft			

**DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS**

# DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS

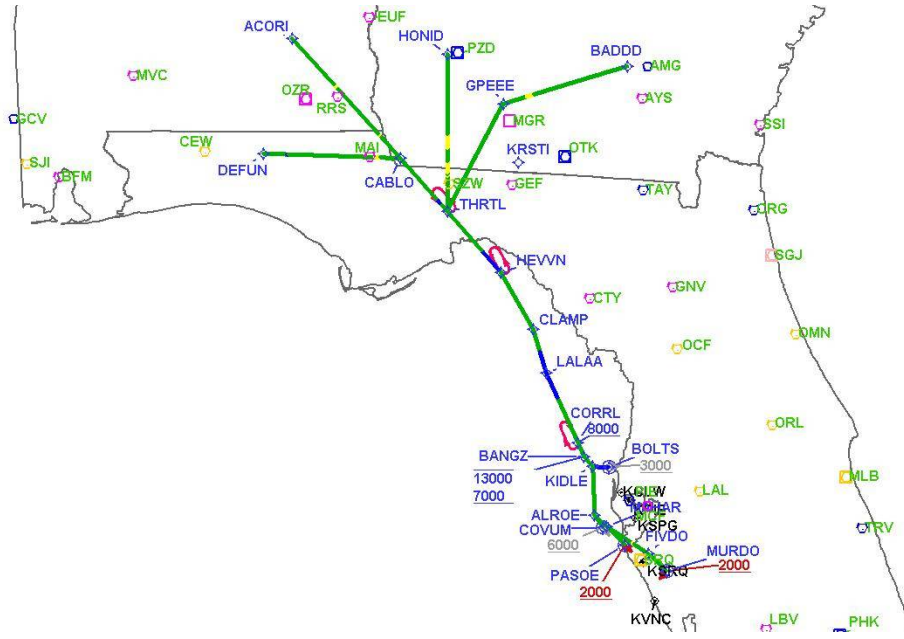
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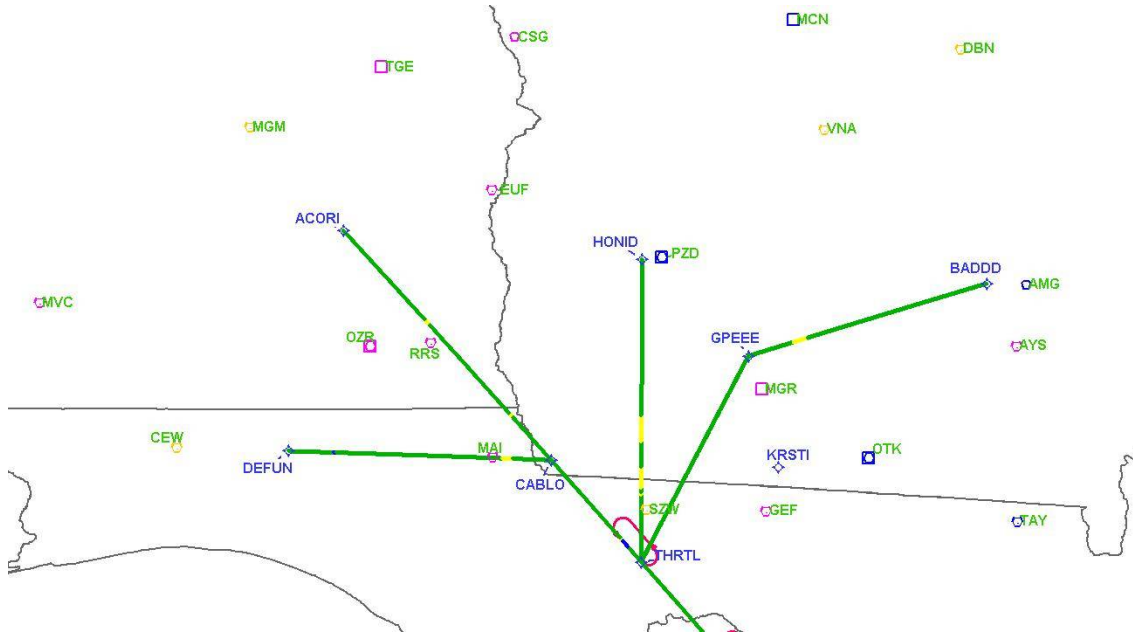
# DME DME Assessment Results for BANGZ path KIDLE\_BOLTS

Graphic Depiction 1



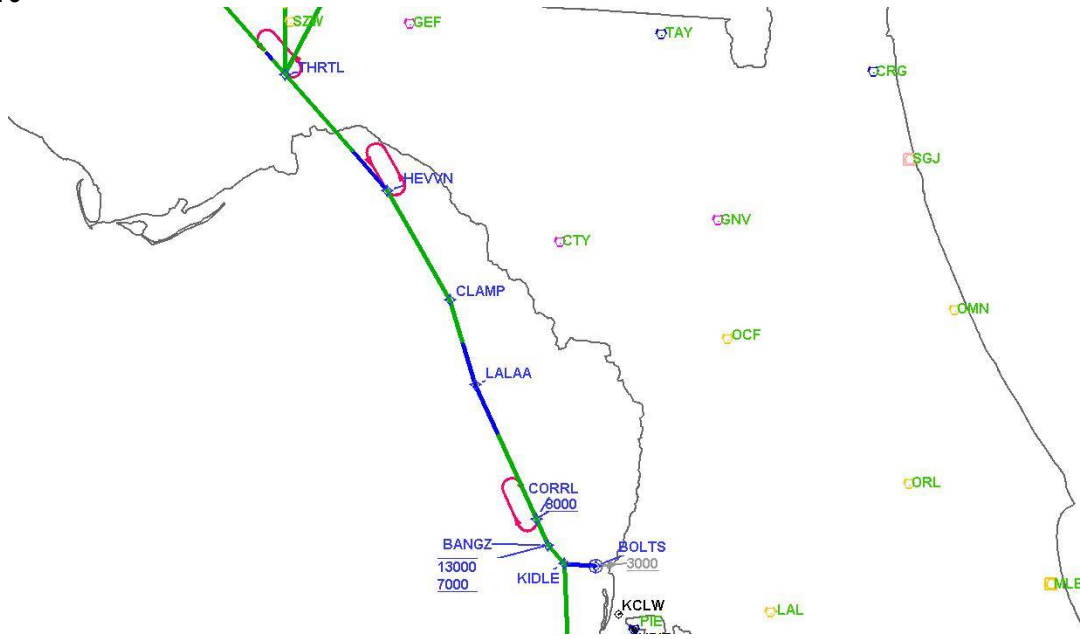
# DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS

Graphic Depiction 2



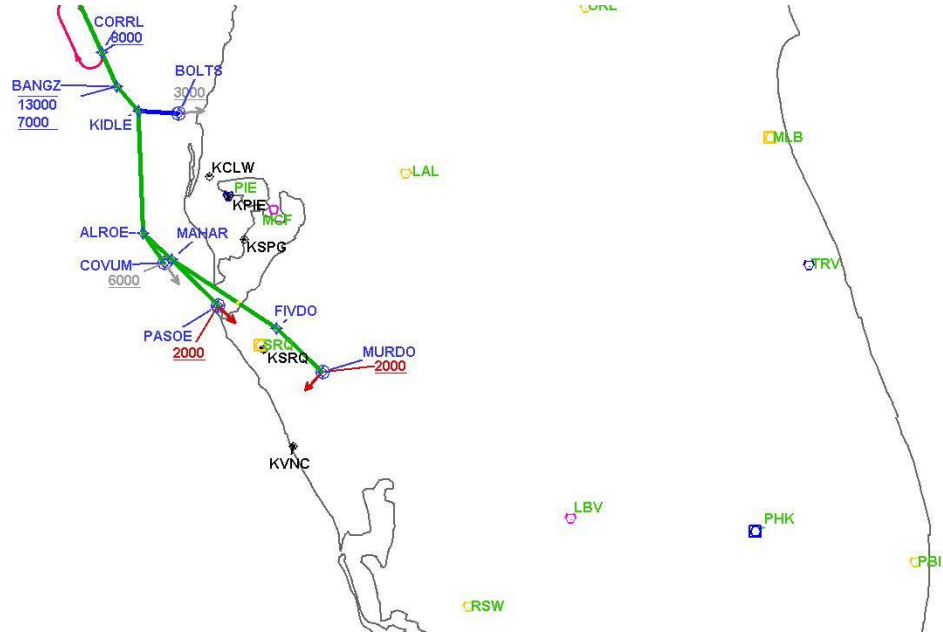
# DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path KIDLE\_BOLTS

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\MAHAR_PASOE\KSRQ BANGZ2 RNAV STAR MAHAR PASOE 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
MAHAR	WP	N27° 41' 47.52", W082° 53' 53.64"	6000	VNAV	200	FLY_BY	TF
PASOE	WP	N27° 32' 33.62", W082° 43' 26.46"	2000	VNAV	200	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path MAHAR\_PASOE

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled		
2	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled		
3	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled		
4	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
5	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
6	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
7	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
8	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
9	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
10	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
11	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
12	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
13	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
14	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
15	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
16	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
17	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
18	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
19	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
20	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
21	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
22	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
23	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
24	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
25	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

<b>Flight Check DME Selection</b>					
Distance [NM]	Selected DMEs				Alternate
0.0	SRQ [IFPA]	PIE [IFPA]	MCF [IFPA]		
11.7	MCF [IFPA]	SRQ [IFPA]			

<b>Inertial Drift Segments</b>			
#	Start Location	End Location	Length [NM]

### DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
MAHAR	PASOE	SRQ [IFPA], PIE [IFPA], MCF [IFPA]	



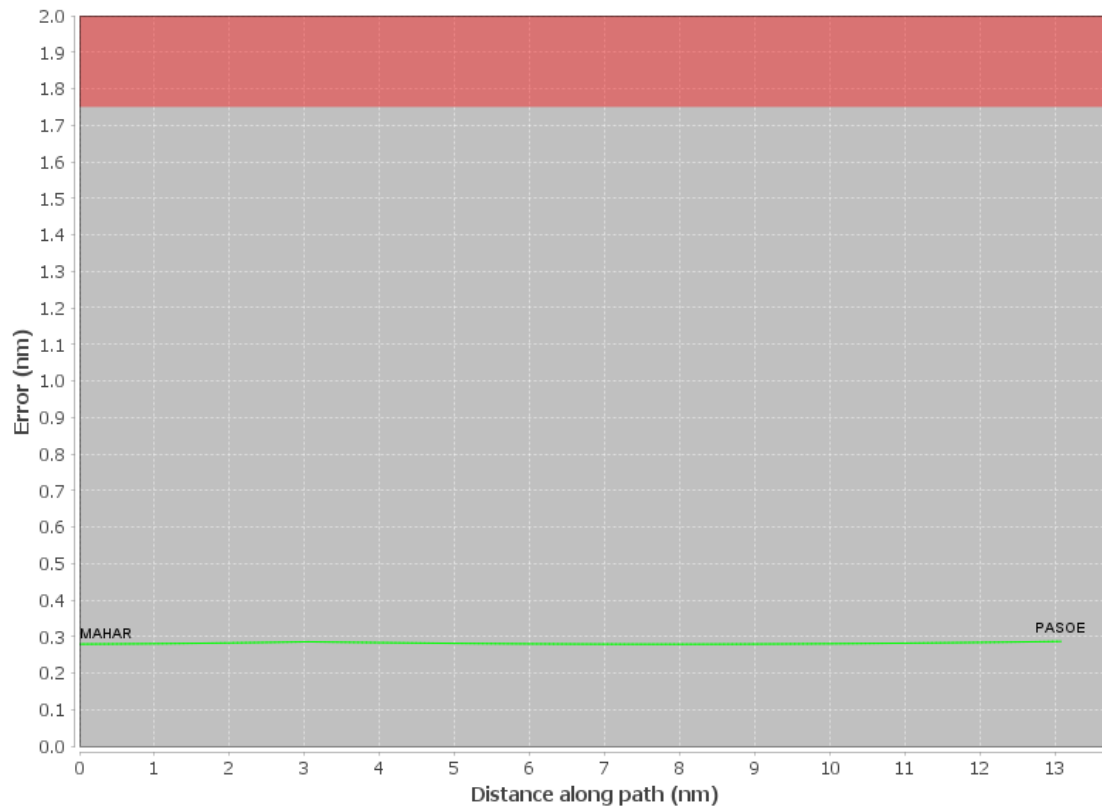
**DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE**

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°			Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft			
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°			Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft			
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°			Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft			
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°			Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft			
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°			Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft			
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°			Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft			
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°			Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft			
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°			Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft			
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°			Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft			
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°			Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft			
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°			Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft			
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°			Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft			
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°			Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft			
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°			Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft			
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft			
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°			Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft			

**DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE**

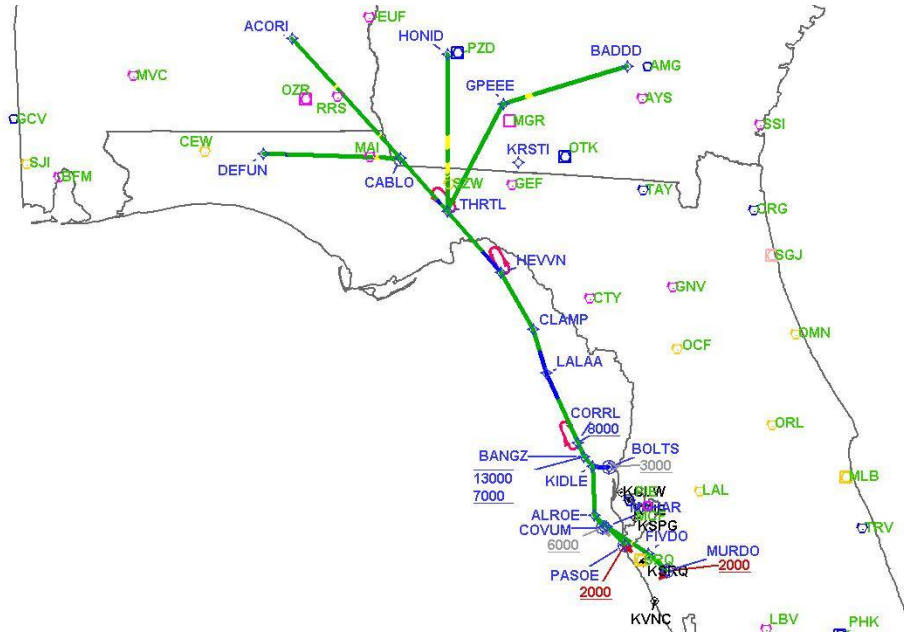
# DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE

## DME Error



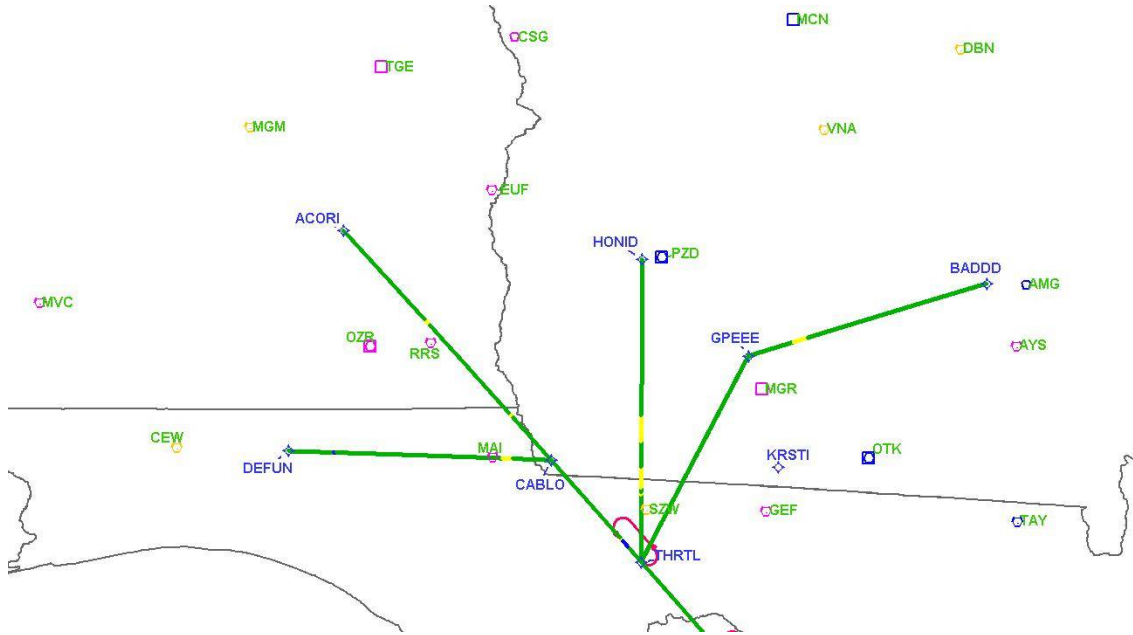
# DME DME Assessment Results for BANGZ path MAHAR\_PASOE

Graphic Depiction 1



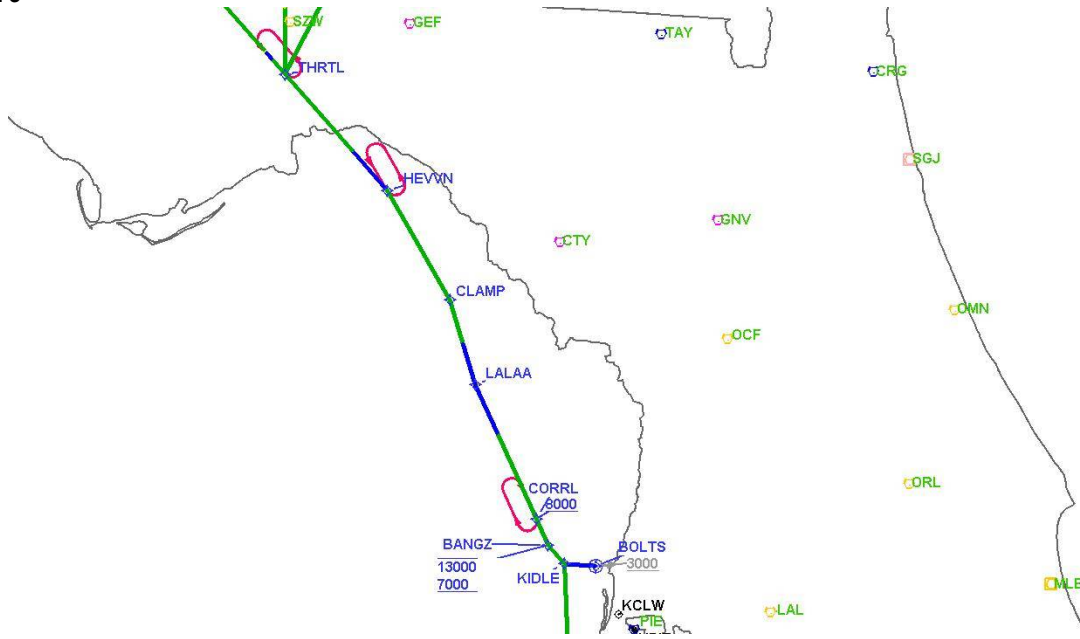
# DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE

Graphic Depiction 2



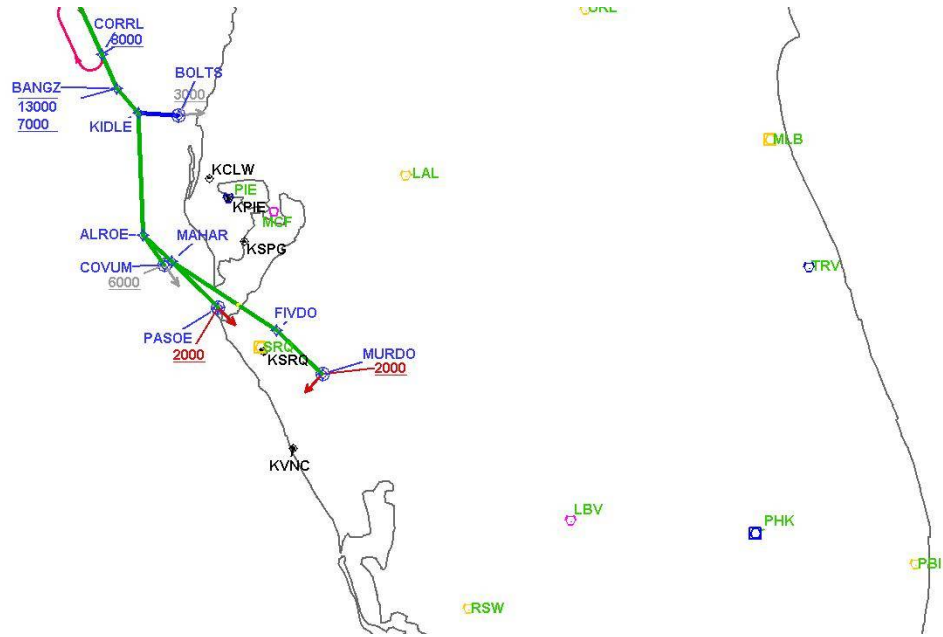
# DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path MAHAR\_PASOE

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\CABLO_DEFUN\KSRQ BANGZ2 RNAV STAR CABLO DEFUN 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
CABLO	WP	N30° 46' 29.00", W084° 50' 24.00"	8000	VNAV	200	FLY_BY	TF
DEFUN	WP	N30° 48' 51.27", W086° 07' 53.09"	8000	VNAV	200	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path CABLO\_DEFUN**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
2	OZR	N31° 16' 08.22", W085° 43' 34.73"	3.0 W	40	L	IFPA	NO	Enabled		
3	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	IFPA	NO	Enabled		
4	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
5	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled		
6	CEW	N30° 49' 34.23", W086° 40' 44.92"	3.0 E	130	H	IFPA	NO	Enabled		
7	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
8	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
9	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
10	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
11	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
12	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
13	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
14	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
15	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
16	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
17	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
18	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
19	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
20	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
21	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
22	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
23	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
24	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
25	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
26	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
27	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
28	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
29	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
30	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN**

<b>Flight Check DME Selection</b>					
<b>Distance [NM]</b>	<b>Selected DMEs</b>				<b>Alternate</b>
0.0	PZD [IFPA]	SZW [IFPA]	MAI [IFPA]	MGR [IFPA]	
6.9	PZD [IFPA]	SZW [IFPA]	MGR [IFPA]		
9.6	PZD [IFPA]	SZW [IFPA]	MGR [IFPA]	RRS [IFPA]	
9.8	PZD [IFPA]	SZW [IFPA]	RRS [IFPA]	MAI [IFPA]	
11.7	PZD [IFPA]	SZW [IFPA]	RRS [IFPA]		
12.5	RRS [IFPA]	PZD [IFPA]			
20.2	RRS [IFPA]	MAI [IFPA]	PZD [IFPA]		
22.6	PZD [IFPA]	OZR [IFPA]	RRS [IFPA]	MAI [IFPA]	
53.6	OZR [IFPA]	MAI [IFPA]	MGM [IFPA]	RRS [IFPA]	
53.7	OZR [IFPA]	MAI [IFPA]	MGM [IFPA]		
54.6					
55.2	OZR [IFPA]	CEW [IFPA]	MGM [IFPA]		

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>
1	N30° 48' 28.82", W085° 53' 46.47"	N30° 48' 29.98", W085° 54' 28.99"	0.6106

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
CABLO	DEFUN	PZD [IFPA], OZR [IFPA], MGM [IFPA], MGR [IFPA], RRS [IFPA], CEW [IFPA], MAI [IFPA], SZW [IFPA]	

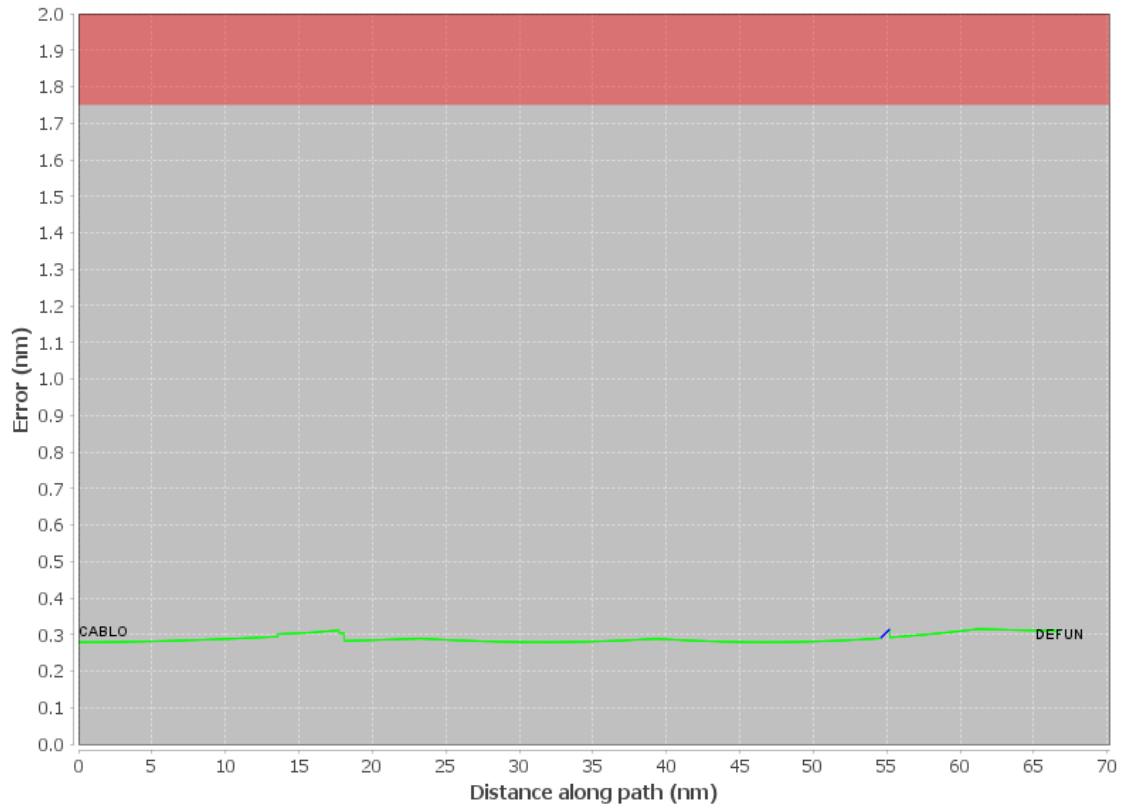
**DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN**

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°				Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft		
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°				Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft		
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°				Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft		
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°				Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft		
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°				Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft		
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°				Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft		
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°				Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft		
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°				Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft		
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°				Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft		
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft		
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°				Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft		
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft		
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°				Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft		
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°				Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft		



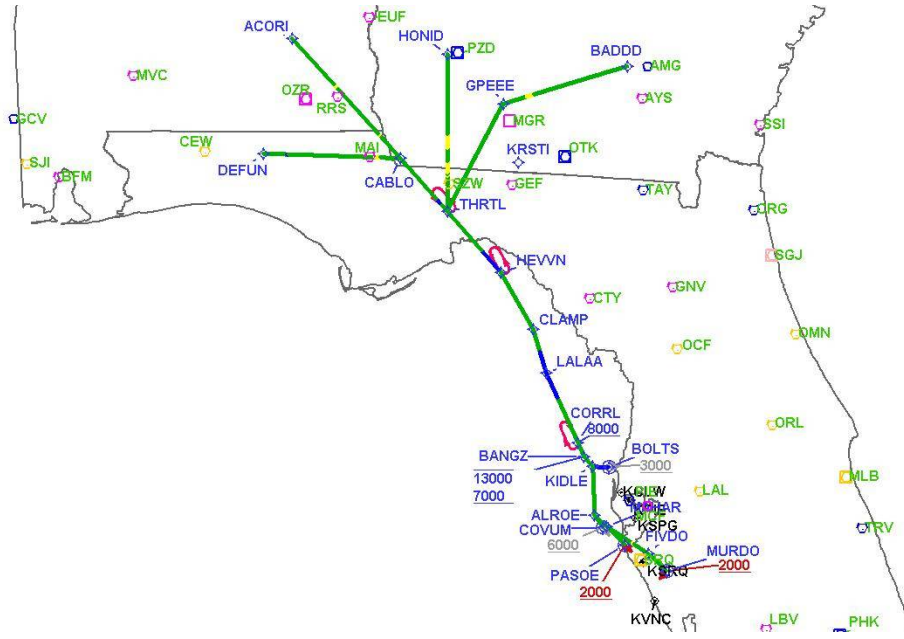
# DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN

## DME Error



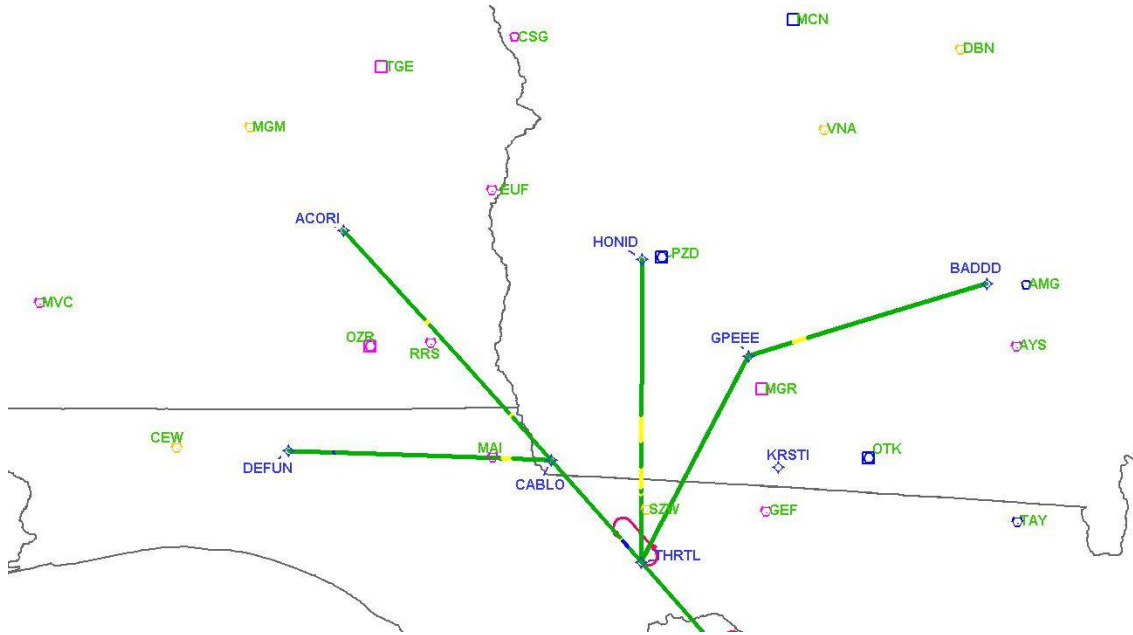
# DME DME Assessment Results for BANGZ path CABLO\_DEFUN

Graphic Depiction 1



# DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN

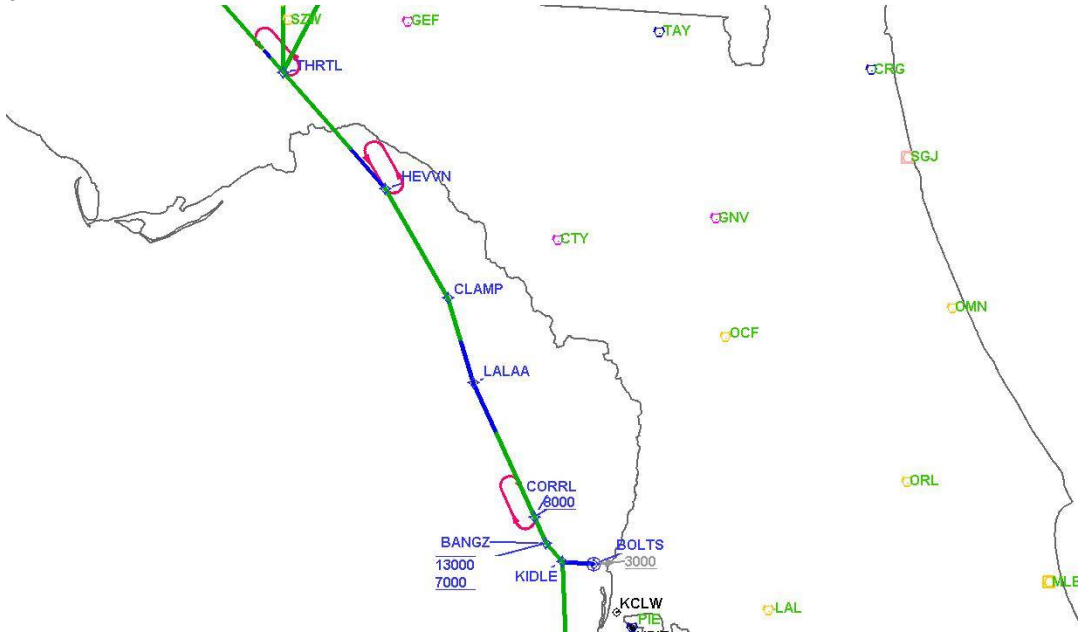
Graphic Depiction 2





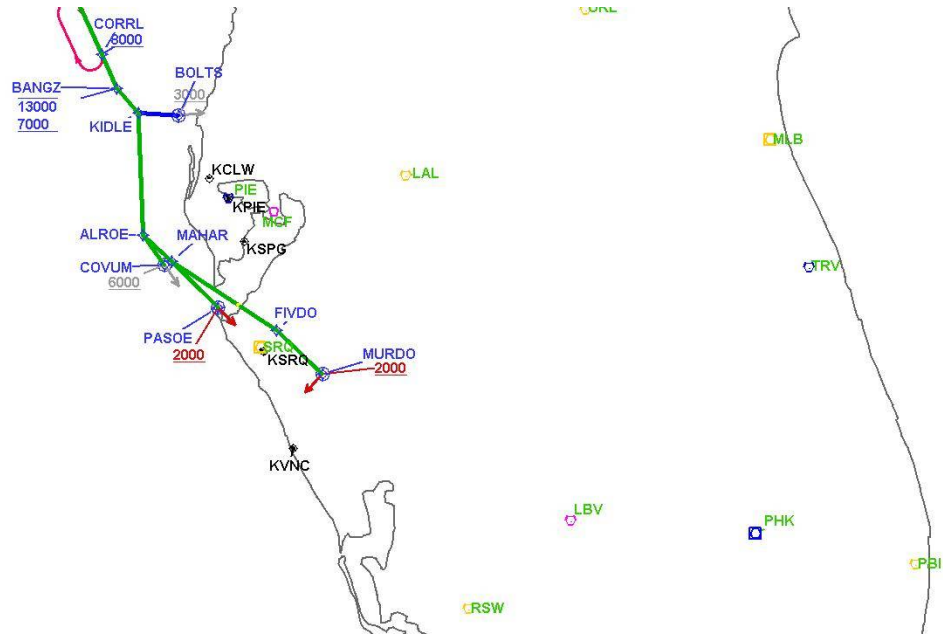
# DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path CABLO\_DEFUN

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path CORRL\_ACORI

Results Summary	
Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\CORRL_ACORI\KSRQ BANGZ2 RNAV STAR CORRL ACORI 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

Failures
No Failures

Warnings
No Warnings

Informational
No Informational

Notes For Flight Check
None

Flight Plan							
Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
CORRL	WP	N28° 23' 37.04", W083° 09' 51.57"	8000	VNAV	200	FLY_BY	TF
LALAA	WP	N28° 58' 35.08", W083° 27' 51.69"	8000	VNAV	200	FLY_BY	TF
CLAMP	WP	N29° 20' 45.84", W083° 35' 21.61"	8000	VNAV	200	FLY_BY	TF
HEVVN	WP	N29° 49' 19.11", W083° 53' 42.89"	8000	VNAV	200	FLY_BY	TF
THRTL	WP	N30° 19' 49.99", W084° 23' 49.07"	8000	VNAV	200	FLY_BY	TF
CABLO	WP	N30° 46' 29.00", W084° 50' 24.00"	8000	VNAV	200	FLY_BY	TF
ACORI	WP	N31° 46' 23.36", W085° 51' 29.51"	8000	VNAV	200	FLY_BY	TF

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path CORRL\_ACORI**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path CORRL\_ACORI**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled		
2	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled		
3	OZR	N31° 16' 08.22", W085° 43' 34.73"	3.0 W	40	L	IFPA	NO	Enabled		
4	MGM	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	H	IFPA	NO	Enabled		
5	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled		
6	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled		
7	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled		
8	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
9	EUF	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	L	IFPA	NO	Enabled		
10	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled		
11	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
12	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled		
13	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
14	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
15	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
16	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
17	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
18	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
19	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
20	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
21	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
22	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
23	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
24	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
25	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
26	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
27	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
28	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
29	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
30	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
31	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
32	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
33	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path CORRL\_ACORI**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
34	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
35	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
36	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path CORRL\_ACORI**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	CTY [IFPA]	PIE [IFPA]				
5.9	CTY [IFPA]	LAL [IFPA]	PIE [IFPA]	SRQ [IFPA]		
16.9	CTY [IFPA]	LAL [IFPA]	SRQ [IFPA]			
16.9	CTY [IFPA]	SRQ [IFPA]				
24.4						
49.4	SZW [IFPA]	CTY [IFPA]				
49.6	SZW [IFPA]	CTY [IFPA]	OTK [IFPA]			
78.3	OTK [IFPA]	SZW [IFPA]				
94.1						
94.1	OTK [IFPA]	SZW [IFPA]				
94.8						
107.9	SZW [IFPA]	GEF [IFPA]				
113.3	SZW [IFPA]	GEF [IFPA]	PZD [IFPA]			
122.3	MAI [IFPA]	GEF [IFPA]	SZW [IFPA]	PZD [IFPA]		
136.8	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]			
139.4						
142.2	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]	GEF [IFPA]		
142.3	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]			
165.1	PZD [IFPA]	SZW [IFPA]	MAI [IFPA]	MGR [IFPA]		
173.0	PZD [IFPA]	SZW [IFPA]	RRS [IFPA]	MAI [IFPA]		
181.3	RRS [IFPA]	PZD [IFPA]	MAI [IFPA]	MGR [IFPA]		
184.7	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]	MAI [IFPA]		
185.6	RRS [IFPA]	PZD [IFPA]	MAI [IFPA]			
186.3	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]	MAI [IFPA]		
205.3	PZD [IFPA]	MAI [IFPA]	OZR [IFPA]			
215.2	OZR [IFPA]	MAI [IFPA]	PZD [IFPA]	RRS [IFPA]		
216.7	OZR [IFPA]	MAI [IFPA]	RRS [IFPA]	PZD [IFPA]	EUF [IFPA]	
218.0	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]			
223.1	RRS [IFPA]	PZD [IFPA]	OZR [IFPA]	EUF [IFPA]		
244.7	EUF [IFPA]	OZR [IFPA]	RRS [IFPA]	MGM [IFPA]	PZD [IFPA]	

<b>Inertial Drift Segments</b>				
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>	
1	N28° 45' 52.18", W083° 21' 17.39"	N29° 09' 14.93", W083° 31' 27.60"	25.0529	
2	N29° 49' 19.11", W083° 53' 42.89"	N29° 49' 19.11", W083° 53' 42.89"	0	
3	N29° 49' 52.14", W083° 54' 15.25"	N29° 59' 53.87", W084° 04' 06.21"	13.1665	
4	N30° 23' 50.32", W084° 27' 47.51"	N30° 25' 56.76", W084° 29' 53.13"	2.7745	

**DME DME Assessment Results for BANGZ2 path CORRL\_ACORI**

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
CORRL	LALAA	LAL [IFPA], SRQ [IFPA], PIE [IFPA], CTY [IFPA]	
LALAA	CLAMP	OTK [IFPA], CTY [IFPA], SZW [IFPA]	
CLAMP	HEVVN	OTK [IFPA], CTY [IFPA], SZW [IFPA]	
HEVVN	THRTL	OTK [IFPA], PZD [IFPA], GEF [IFPA], MAI [IFPA], SZW [IFPA]	
THRTL	CABLO	PZD [IFPA], GEF [IFPA], MGR [IFPA], MAI [IFPA], SZW [IFPA]	
CABLO	ACORI	PZD [IFPA], OZR [IFPA], EUF [IFPA], MGM [IFPA], MGR [IFPA], RRS [IFPA], MAI [IFPA], SZW [IFPA]	



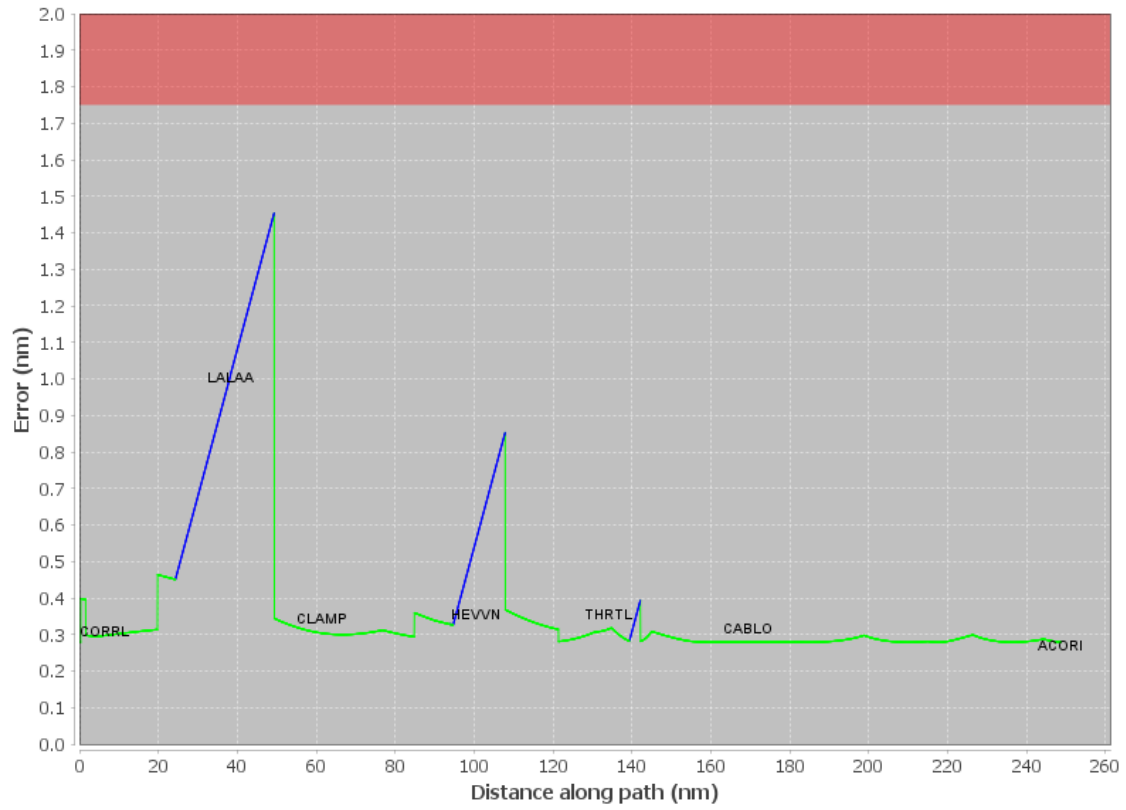
**DME DME Assessment Results for BANGZ2 path CORRL\_ACORI**

<b>User Data Files</b>								
#	File Name							
None								
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°			Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft			
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°			Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft			
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°			Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft			
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°			Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft			
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°			Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft			
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°			Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft			
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°			Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft			
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°			Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft			
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°			Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft			
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°			Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft			
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°			Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft			
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°			Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft			
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°			Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft			
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°			Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft			
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft			
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°			Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft			



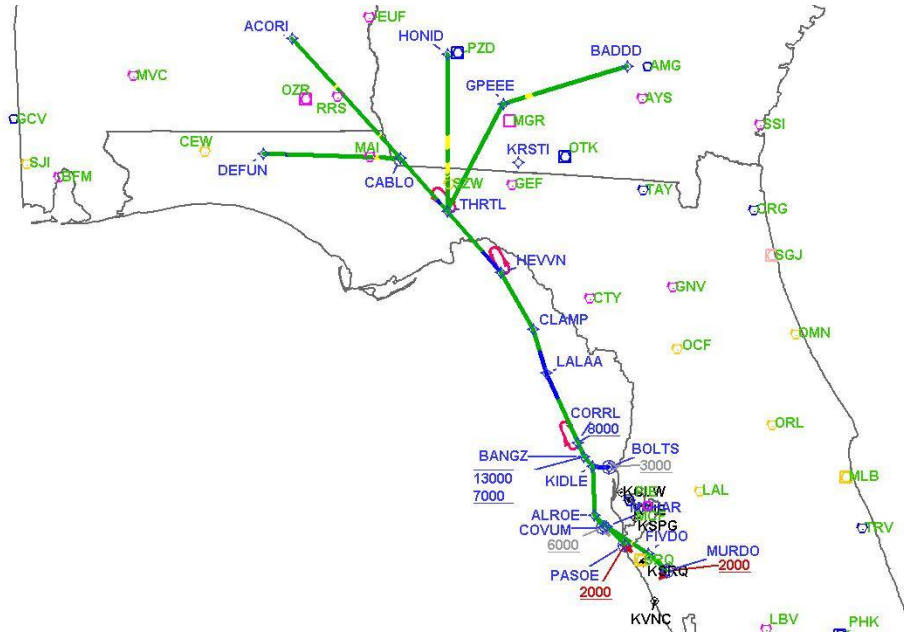
# DME DME Assessment Results for BANGZ2 path CORRL\_ACORI

## DME Error



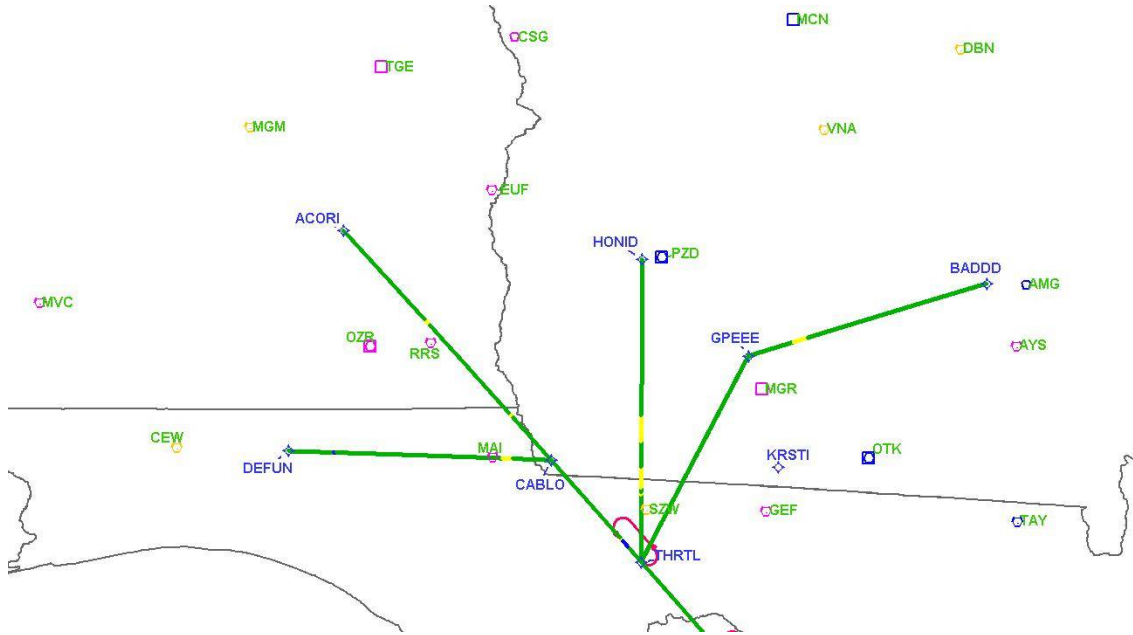
# DME DME Assessment Results for BANGZ2 path CORRL\_ACORI

Graphic Depiction 1



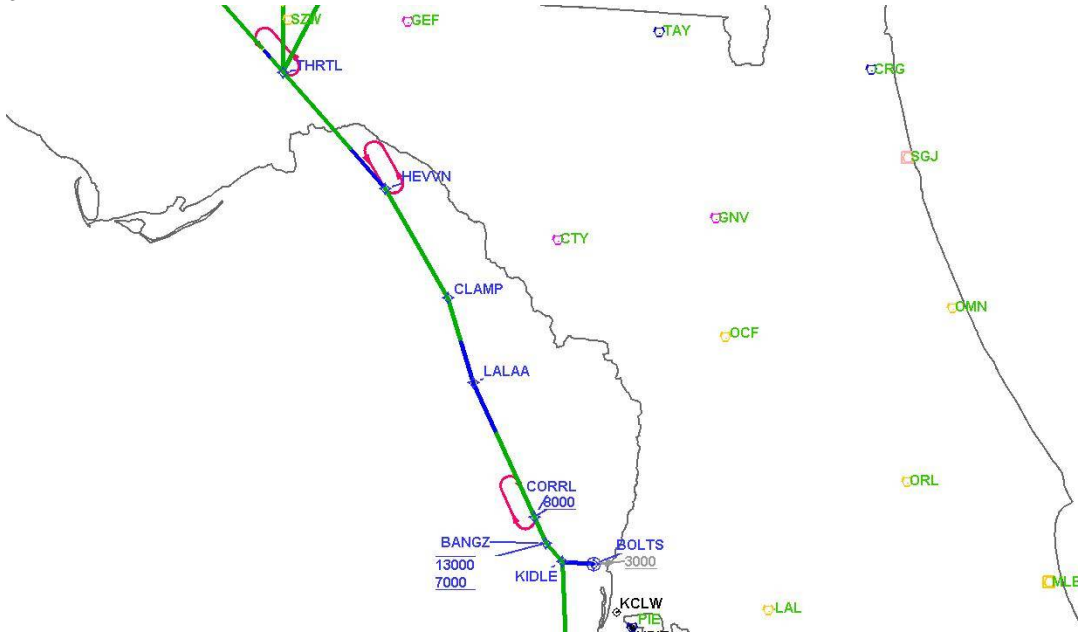
# DME DME Assessment Results for BANGZ2 path CORRL\_ACORI

Graphic Depiction 2



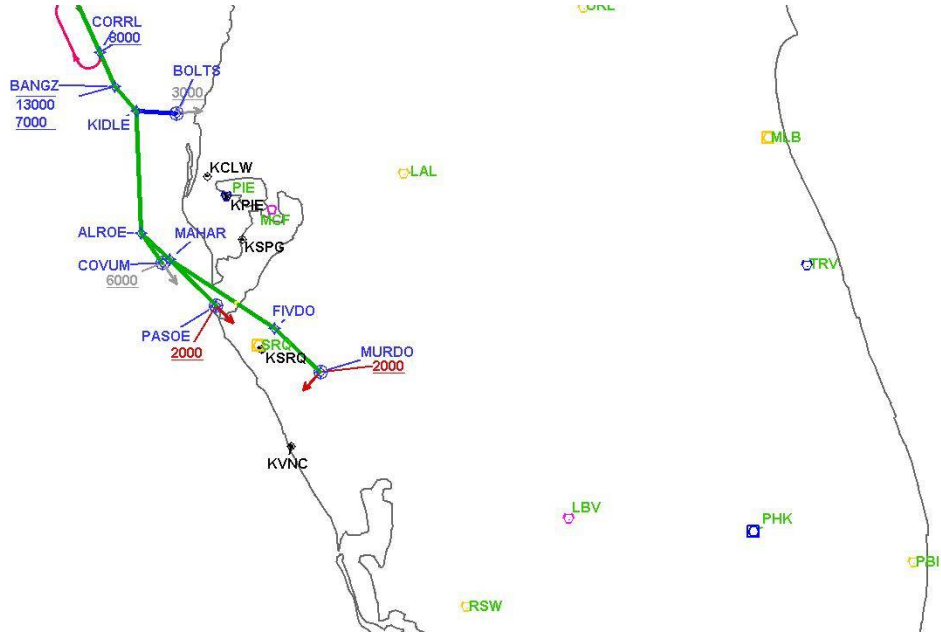
# DME DME Assessment Results for BANGZ2 path CORRL\_ACORI

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path CORRL\_ACORI

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path THRTL\_BADDD

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\THRTL_BADDD\KSRQ BANGZ2 RNAV STAR THRTL BADDD 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
THRTL	WP	N30° 19' 49.99", W084° 23' 49.07"	8000	VNAV	200	FLY_BY	TF
GPEEE	WP	N31° 13' 40.41", W083° 52' 15.08"	8000	VNAV	200	FLY_BY	TF
BADDD	WP	N31° 32' 37.68", W082° 42' 05.34"	8000	VNAV	200	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path THRTL\_BADDD**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path THRTL\_BADDD**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
2	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled		
3	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled		
4	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
5	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
6	AMG	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	H	IFPA	NO	Enabled		
7	AYS	N31° 16' 09.93", W082° 33' 23.20"	0.0 E	40	L	IFPA	NO	Enabled		
8	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
9	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
10	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
11	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
12	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
13	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
14	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
15	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
16	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
17	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
18	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
19	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
20	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
21	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
22	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
23	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
24	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
25	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
26	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
27	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
28	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
29	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
30	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

**DME DME Assessment Results for BANGZ2 path THRTL\_BADDD**

<b>Flight Check DME Selection</b>						
<b>Distance [NM]</b>	<b>Selected DMEs</b>					<b>Alternate</b>
0.0	SZW [IFPA]	GEF [IFPA]	MAI [IFPA]	PZD [IFPA]		
4.4	SZW [IFPA]	GEF [IFPA]	PZD [IFPA]			
9.8	PZD [IFPA]	GEF [IFPA]				
15.4	PZD [IFPA]	SZW [IFPA]	GEF [IFPA]			
15.6	PZD [IFPA]	SZW [IFPA]	GEF [IFPA]	MGR [IFPA]		
51.6	MAI [IFPA]	GEF [IFPA]	PZD [IFPA]	MGR [IFPA]		
51.7	MAI [IFPA]	GEF [IFPA]	PZD [IFPA]	AMG [IFPA]	MGR [IFPA]	
56.2	MAI [IFPA]	PZD [IFPA]	AMG [IFPA]	MGR [IFPA]		
63.2	AMG [IFPA]	MGR [IFPA]	PZD [IFPA]			
63.7	MGR [IFPA]	PZD [IFPA]				
71.4	MGR [IFPA]	PZD [IFPA]	OTK [IFPA]			
72.3	MGR [IFPA]	PZD [IFPA]	AMG [IFPA]	OTK [IFPA]		
74.3	MGR [IFPA]	PZD [IFPA]	OTK [IFPA]			
90.7	MGR [IFPA]	PZD [IFPA]				
91.2	OTK [IFPA]	PZD [IFPA]	MGR [IFPA]			
91.9	OTK [IFPA]	AYS [IFPA]	PZD [IFPA]	MGR [IFPA]		
93.1	OTK [IFPA]	AYS [IFPA]	AMG [IFPA]	PZD [IFPA]	MGR [IFPA]	
98.6	OTK [IFPA]	PZD [IFPA]	AYS [IFPA]	AMG [IFPA]		

<b>Inertial Drift Segments</b>			
<b>#</b>	<b>Start Location</b>	<b>End Location</b>	<b>Length [NM]</b>

<b>Available DMEs by Waypoints</b>			
<b>Waypoint Before</b>	<b>Waypoint After</b>	<b>DME List</b>	<b>Suggested DMEs</b>
THRTL	GPEEE	PZD [IFPA], GEF [IFPA], MGR [IFPA], MAI [IFPA], AMG [IFPA], SZW [IFPA]	
GPEEE	BADDD	PZD [IFPA], OTK [IFPA], MGR [IFPA], MAI [IFPA], AMG [IFPA], AYS [IFPA]	

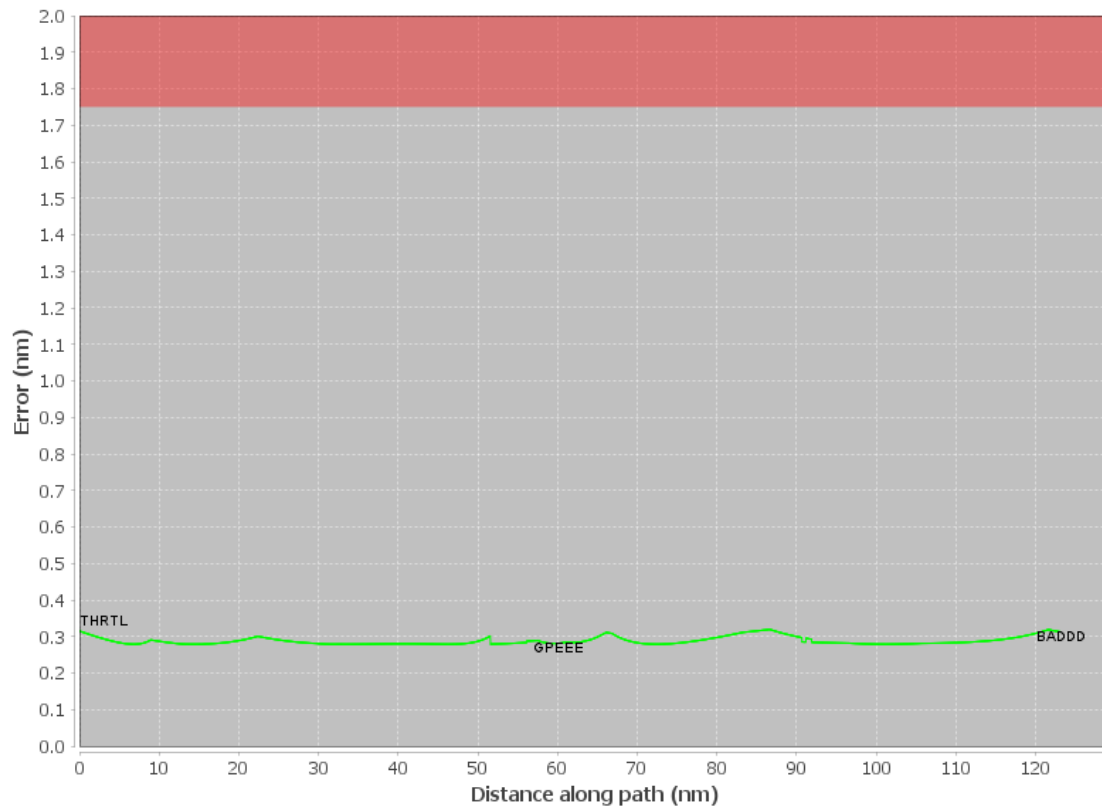
**DME DME Assessment Results for BANGZ2 path THRTL\_BADDD**

<b>User Data Files</b>								
#	File Name							
None								
<b>User DMEs</b>								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°			Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft			
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°			Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft			
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°			Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft			
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°			Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft			
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°			Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft			
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°			Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft			
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°			Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft			
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°			Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft			
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°			Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft			
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°			Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft			
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°			Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft			
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°			Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft			
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°			Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft			
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°			Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft			
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft			
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°			Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft			

**DME DME Assessment Results for BANGZ2 path THRTL\_BADDD**

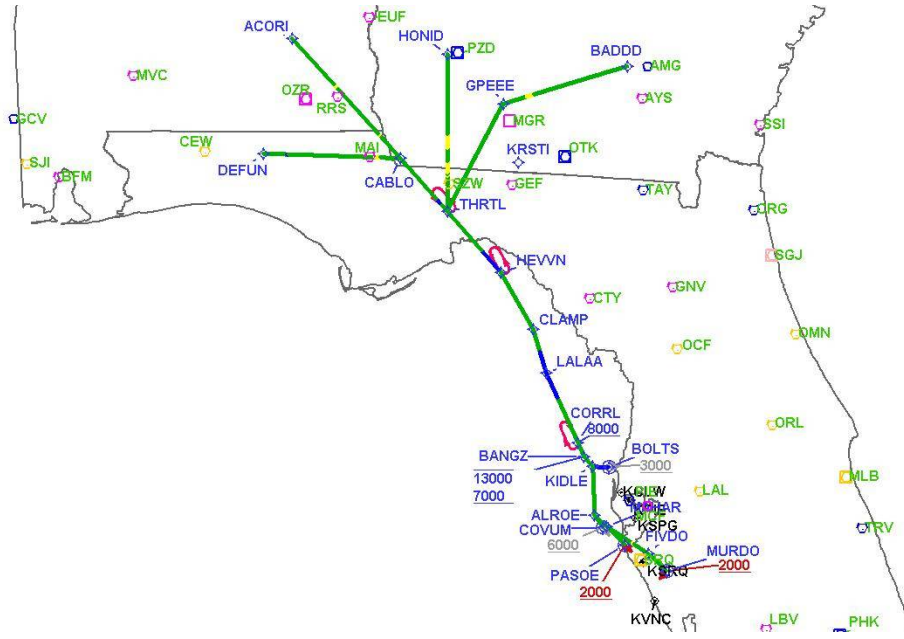
# DME DME Assessment Results for BANGZ2 path THRTL\_BADDD

## DME Error



# DME DME Assessment Results for BANGZ2 path THRTL\_BADDD

Graphic Depiction 1

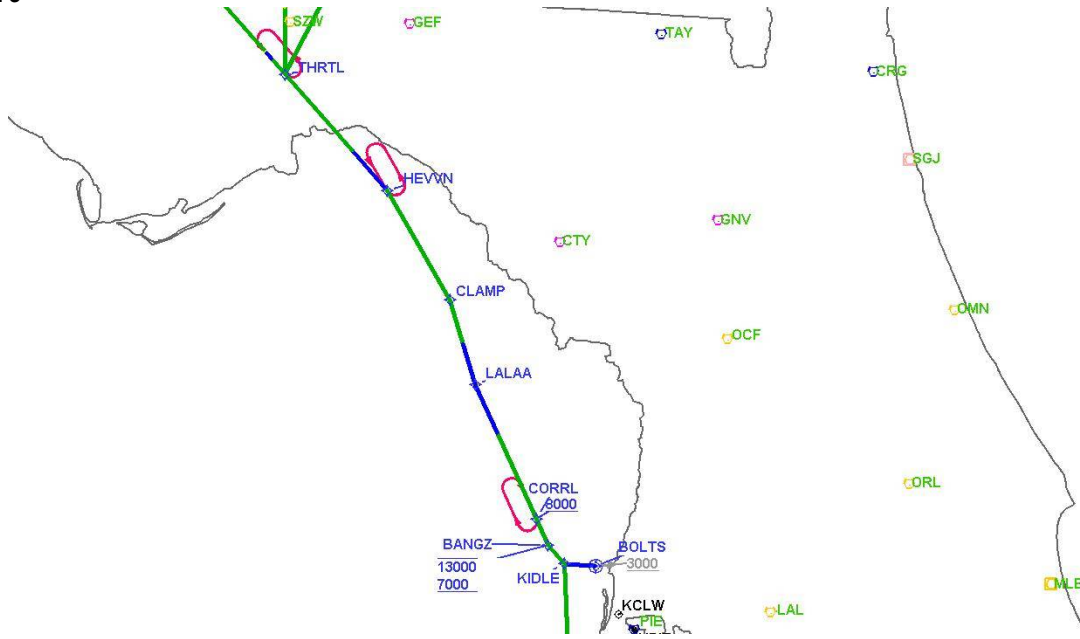






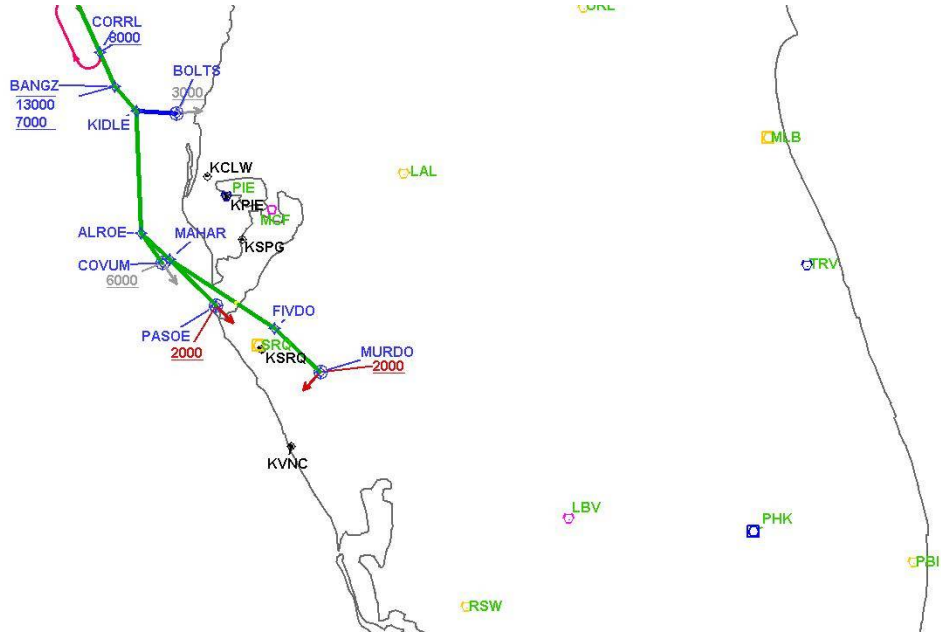
# DME DME Assessment Results for BANGZ2 path THRTL\_BADDD

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path THRTL\_BADDD

Graphic Depiction 4



## DME DME Assessment Results for BANGZ2 path THRTL\_HONID

### Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark CTR Thompson
Project File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ BANGZ2 STAR.DME_240813.tgs
Output File:	C:\Users\Mark CTR Thompson\OneDrive - Federal Aviation Administration\Desktop\RNAV Projects\RNAV Projects 2025\TPA.SRQ STARS_250417\KSRQ BANGZ2 (RNAV) STAR\DME\KSRQ [IFPA] BANGZ2 20240828_1507 EDT\THRTL_HONID\KSRQ BANGZ2 RNAV STAR THRTL HONID 20240828_1507 EDT.pdf
Procedure Name:	BANGZ2
Software: DmeDmePlugin:	7.3.3
Date/Time:	08/28/2024 15:07 EDT
Databases:	MITRE 3DEP 3 arcsec

### Failures

No Failures

### Warnings

No Warnings

### Informational

No Informational

### Notes For Flight Check

None

### Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
THRTL	WP	N30° 19' 49.99", W084° 23' 49.07"	8000	VNAV	200	FLY_BY	TF
HONID	WP	N31° 38' 50.31", W084° 23' 42.60"	8000	VNAV	200	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 BANGZ2 path THRTL\_HONID**

<b>DME/DME</b>	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	Not included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	BIX,COF,DOB,DWG,HRT,HST,LSF,M XF,NBC,NBJ,NGS,NIP,NMM,NPA,NR B,NSE,PAM,SBSO1,SBSO3,SVN,VAD ,WRB

**DME DME Assessment Results for BANGZ2 path THRTL\_HONID**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	PZD	N31° 39' 18.74", W084° 17' 35.16"	2.0 W	130	DH	IFPA	NO	Enabled		
2	EUF	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	L	IFPA	NO	Enabled		
3	GEF	N30° 33' 04.83", W083° 46' 59.28"	1.0 E	40	L	IFPA	NO	Enabled		
4	MGR	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	L	IFPA	NO	Enabled		
5	RRS	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	L	IFPA	NO	Enabled		
6	MAI	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	L	IFPA	NO	Enabled		
7	SZW	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	H	IFPA	NO	Enabled		
8	BIX	N30° 24' 25.51", W088° 55' 46.97"	2.0 W	25	T	IFPA	NO	Disabled		
9	COF	N28° 14' 15.66", W080° 36' 42.33"	7.0 W	40	L	IFPA	NO	Disabled		
10	DOB	N33° 54' 52.75", W084° 30' 26.32"	3.0 W	25	T	IFPA	NO	Disabled		
11	DWG	N30° 28' 41.65", W086° 31' 15.12"	3.0 W	25	T	IFPA	NO	Disabled		
12	HRT	N30° 25' 40.92", W086° 41' 25.07"	3.0 W	25	T	IFPA	NO	Disabled		
13	HST	N25° 29' 23.93", W080° 22' 45.89"	6.0 W	25	T	IFPA	NO	Disabled		
14	LSF	N32° 19' 56.26", W084° 59' 35.22"	5.0 W	25	T	IFPA	NO	Disabled		
15	MXF	N32° 22' 45.72", W086° 22' 06.08"	2.0 W	40	L	IFPA	NO	Disabled		
16	NBC	N32° 28' 44.52", W080° 43' 02.39"	5.0 W	40	L	IFPA	NO	Disabled		
17	NBJ	N30° 43' 22.32", W087° 32' 37.44"	-0.0 E	25	T	IFPA	NO	Disabled		
18	NGS	N30° 36' 54.56", W086° 56' 14.52"	2.0 W	40	L	IFPA	NO	Disabled		
19	NIP	N30° 14' 05.46", W081° 40' 30.20"	6.0 W	40	L	IFPA	NO	Disabled		
20	NMM	N32° 34' 42.02", W088° 32' 42.83"	2.0 W	40	L	IFPA	NO	Disabled		
21	NPA	N30° 21' 28.59", W087° 18' 59.41"	3.0 W	40	L	IFPA	NO	Disabled		
22	NRB	N30° 23' 19.01", W081° 25' 23.08"	6.0 W	40	L	IFPA	NO	Disabled		
23	NSE	N30° 43' 26.42", W087° 01' 05.00"	2.0 W	40	L	IFPA	NO	Disabled		
24	PAM	N30° 04' 26.43", W085° 34' 20.67"	4.0 W	130	H	IFPA	NO	Disabled		
25	SBSO1	N29° 45' 00.00", W087° 45' 00.00"	2.0 W	40	L	IFPA	NO	Disabled		
26	SBSO3	N29° 38' 36.00", W088° 30' 30.00"	2.0 W	25	T	IFPA	NO	Disabled		
27	SVN	N32° 00' 43.00", W081° 08' 27.11"	2.0 W	25	T	IFPA	NO	Disabled		
28	VAD	N30° 57' 36.30", W083° 11' 36.43"	3.0 W	130	H	IFPA	NO	Disabled		
29	WRB	N32° 38' 27.60", W083° 35' 26.07"	2.0 W	25	T	IFPA	NO	Disabled		

## DME DME Assessment Results for BANGZ2 path THRTL\_HONID

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SZW [IFPA]	GEF [IFPA]	MAI [IFPA]	PZD [IFPA]		
3.1	SZW [IFPA]	GEF [IFPA]	PZD [IFPA]			
9.8	PZD [IFPA]	GEF [IFPA]				
17.4	PZD [IFPA]	GEF [IFPA]	MAI [IFPA]	SZW [IFPA]		
18.2	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]			
19.2	PZD [IFPA]	GEF [IFPA]	MAI [IFPA]	SZW [IFPA]	MGR [IFPA]	
24.8	PZD [IFPA]	GEF [IFPA]	SZW [IFPA]	MGR [IFPA]		
31.3	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]	MGR [IFPA]	GEF [IFPA]	
37.7	MGR [IFPA]	SZW [IFPA]	MAI [IFPA]	PZD [IFPA]		
38.9	MGR [IFPA]	SZW [IFPA]	RRS [IFPA]	PZD [IFPA]	MAI [IFPA]	
53.1	MGR [IFPA]	PZD [IFPA]	MAI [IFPA]	EUF [IFPA]	RRS [IFPA]	
65.5	MAI [IFPA]	EUF [IFPA]	PZD [IFPA]	RRS [IFPA]		
76.6	MAI [IFPA]	EUF [IFPA]	RRS [IFPA]			

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
THRTL	HONID	PZD [IFPA], EUF [IFPA], GEF [IFPA], MGR [IFPA], RRS [IFPA], MAI [IFPA], SZW [IFPA]	

**DME DME Assessment Results for BANGZ2 path THRTL\_HONID**

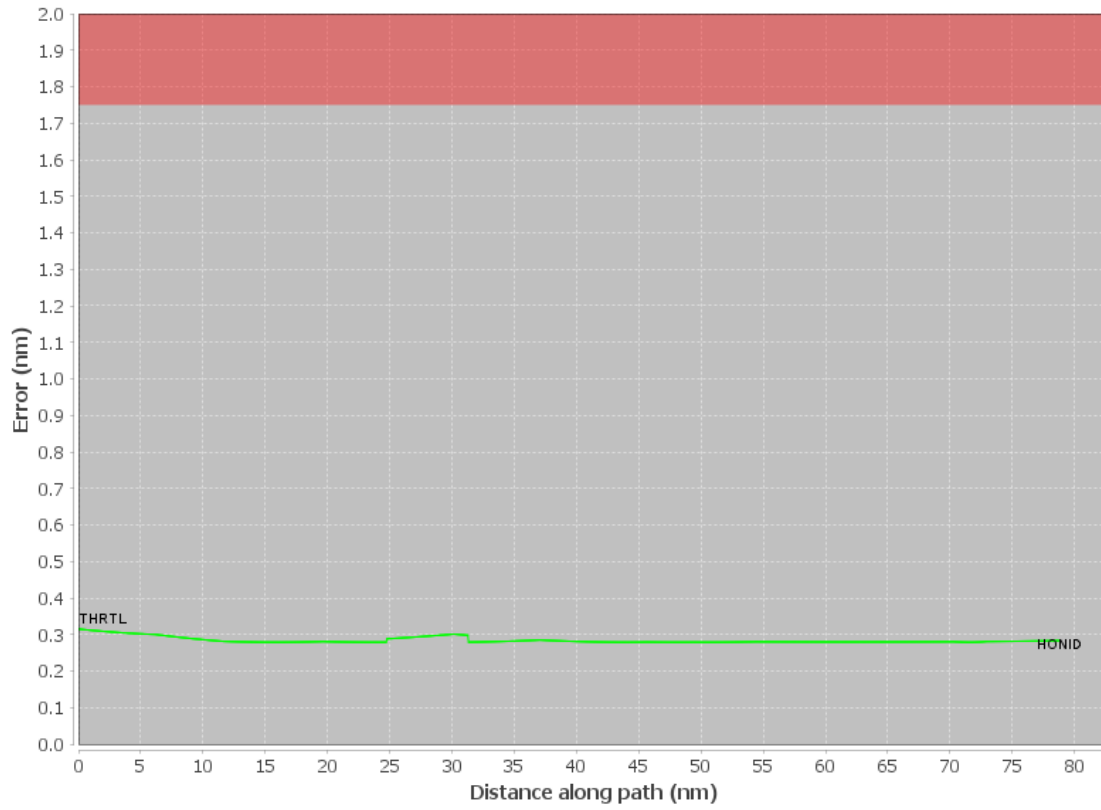
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	ESV LAL [IFPA] LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	ESV LAL [IFPA]	
ESV:		Bearing [True]: 211.0° to 251.0° Bearing [Mag]: 210.0° to 250.0°				Arc Distance: Out to 51.0 NM Altitude: 2900.0 to 6100.0 ft		
2	MGR FAA 815728-6 MGR [IFPA]	N31° 04' 56.17", W083° 48' 15.18"	-0.0 E	40	285.5	108.8	MGR FAA 815728-6	
ESV:		Bearing [True]: 246.0° to 267.0° Bearing [Mag]: 246.0° to 267.0°				Arc Distance: Out to 67.0 NM Altitude: 4900.0 to 15000.0 ft		
3	OCF FAA 714002-17 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-17	
ESV:		Bearing [True]: 205.0° to 227.0° Bearing [Mag]: 205.0° to 227.0°				Arc Distance: Out to 105.0 NM Altitude: 6000.0 to 18000.0 ft		
4	CTY FAA 704013-32 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-32	
ESV:		Bearing [True]: 165.0° to 201.0° Bearing [Mag]: 167.0° to 203.0°				Arc Distance: Out to 82.0 NM Altitude: 4200.0 to 24000.0 ft		
5	AMG FAA 704195-23 AMG [IFPA]	N31° 32' 11.60", W082° 30' 29.12"	0.0 E	130	193.5	null	AMG FAA 704195-23	
ESV:		Bearing [True]: 248.0° to 259.0° Bearing [Mag]: 248.0° to 259.0°				Arc Distance: Out to 81.0 NM Altitude: 7900.0 to 14700.0 ft		
6	LAL FAA 704224-106 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-106	
ESV:		Bearing [True]: 293.0° to 311.0° Bearing [Mag]: 292.0° to 310.0°				Arc Distance: Out to 81.0 NM Altitude: 4900.0 to 14700.0 ft		
7	OTK FAA 872007-16 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-16	
ESV:		Bearing [True]: 184.0° to 211.0° Bearing [Mag]: 186.0° to 213.0°				Arc Distance: Out to 100.0 NM Altitude: 7900.0 to 14700.0 ft		
8	EUF FAA 713551-19 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-19	
ESV:		Bearing [True]: 241.0° to 259.0° Bearing [Mag]: 239.0° to 257.0°				Arc Distance: Out to 43.0 NM Altitude: 4900.0 to 18300.0 ft		
9	RRS FAA 704003-4 RRS [IFPA]	N31° 17' 04.51", W085° 25' 52.35"	2.0 E	40	344.8	111.6	RRS FAA 704003-4	
ESV:		Bearing [True]: 64.0° to 110.0° Bearing [Mag]: 62.0° to 108.0°				Arc Distance: Out to 62.0 NM Altitude: 5900.0 to 18400.0 ft		
10	OTK FAA 872007-14 OTK [IFPA]	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	199.4	114.8	OTK FAA 872007-14	
ESV:		Bearing [True]: 357.0° to 38.0° Bearing [Mag]: 359.0° to 40.0°				Arc Distance: Out to 58.0 NM Altitude: 5900.0 to 14700.0 ft		
11	SZW FAA 672131-21 SZW [IFPA]	N30° 33' 22.42", W084° 22' 26.19"	2.0 E	130	177.9	117.5	SZW FAA 672131-21	
ESV:		Bearing [True]: 145.0° to 156.0° Bearing [Mag]: 143.0° to 154.0°				Arc Distance: Out to 96.0 NM Altitude: 7900.0 to 14700.0 ft		
12	MAI FAA 755482-30 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-30	
ESV:		Bearing [True]: 31.0° to 75.0° Bearing [Mag]: 31.0° to 75.0°				Arc Distance: Out to 73.0 NM Altitude: 5900.0 to 18200.0 ft		
13	PIE FAA 698212-45 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-45	
ESV:		Bearing [True]: 312.0° to 330.0° Bearing [Mag]: 317.0° to 335.0°				Arc Distance: Out to 56.0 NM Altitude: 6900.0 to 14600.0 ft		
14	EUF FAA 713551-18 EUF [IFPA]	N31° 57' 00.90", W085° 07' 49.73"	2.0 E	40	283.7	109.2	EUF FAA 713551-18	
ESV:		Bearing [True]: 112.0° to 151.0° Bearing [Mag]: 110.0° to 149.0°				Arc Distance: Out to 71.0 NM Altitude: 5900.0 to 18300.0 ft		
15	MAI FAA 755482-31 MAI [IFPA]	N30° 47' 10.30", W085° 07' 28.08"	0.0 E	40	127.9	114.0	MAI FAA 755482-31	
ESV:		Bearing [True]: 120.0° to 134.0° Bearing [Mag]: 120.0° to 134.0°				Arc Distance: Out to 59.0 NM Altitude: 4900.0 to 18200.0 ft		
16	MGM FAA 704019-49 MGM [IFPA]	N32° 13' 20.21", W086° 19' 11.02"	3.0 E	130	271	112.1	MGM FAA 704019-49	
ESV:		Bearing [True]: 164.0° to 175.0° Bearing [Mag]: 161.0° to 172.0°				Arc Distance: Out to 92.0 NM Altitude: 7900.0 to 14800.0 ft		

**DME DME Assessment Results for BANGZ2 path THRTL\_HONID**



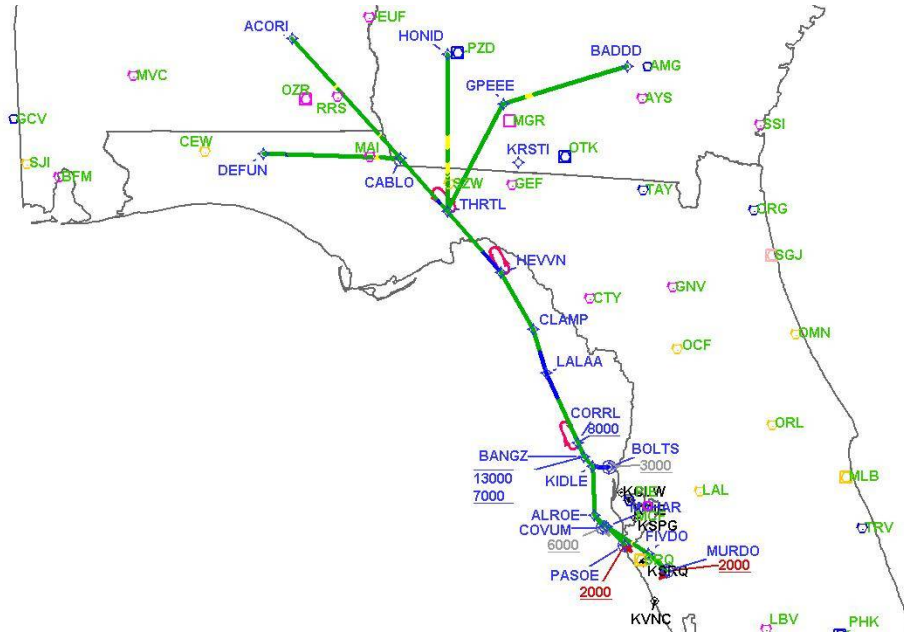
# DME DME Assessment Results for BANGZ2 path THRTL\_HONID

## DME Error



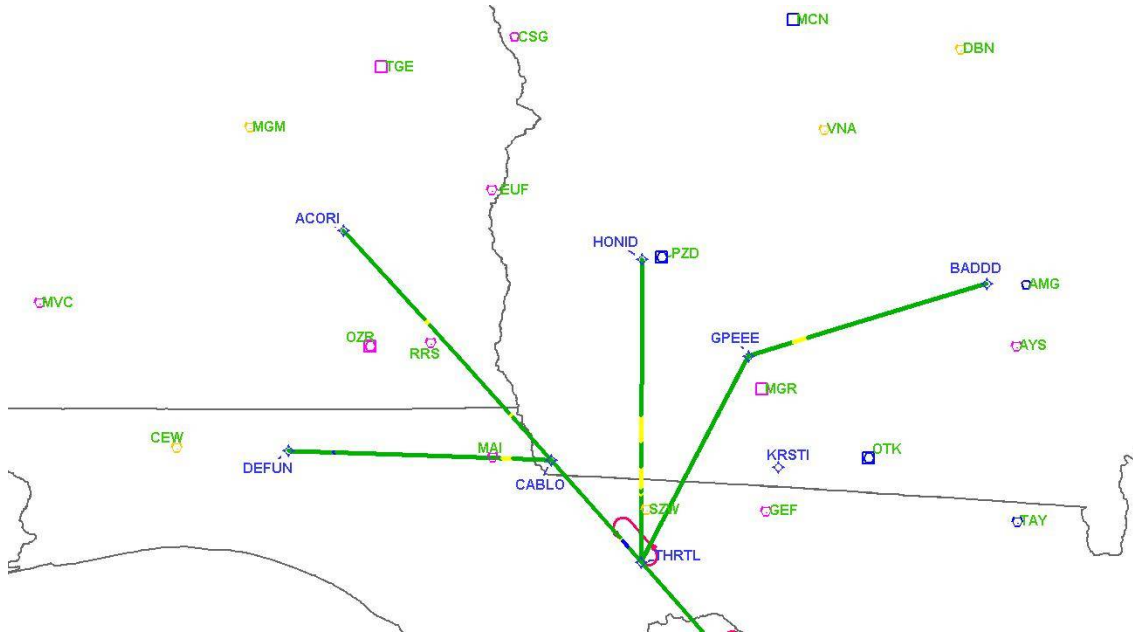
# DME DME Assessment Results for BANGZ2 path THRTL\_HONID

Graphic Depiction 1



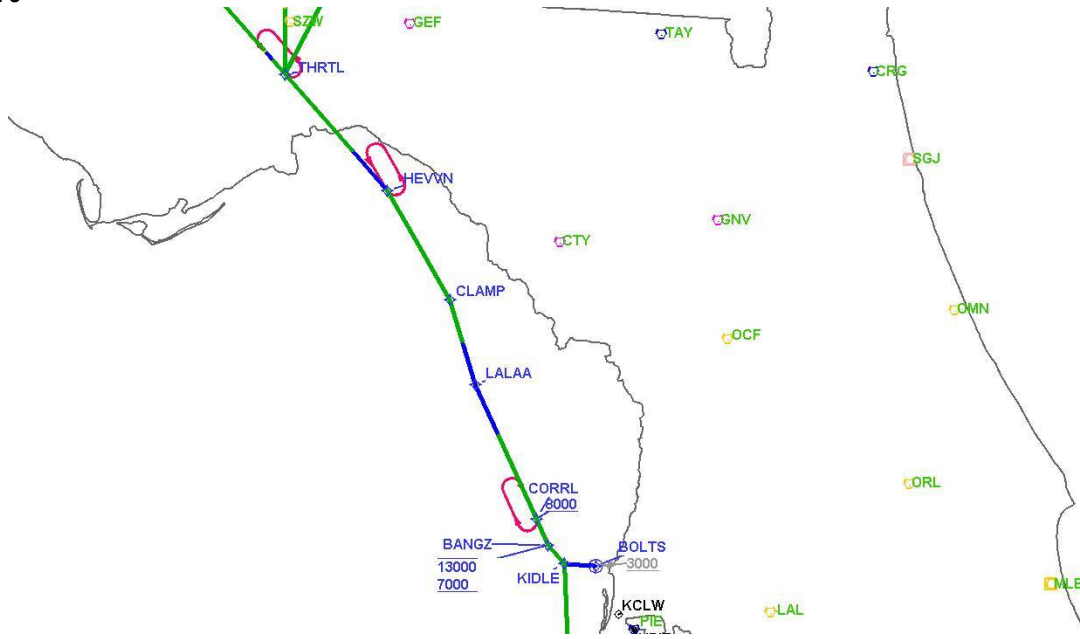
# DME DME Assessment Results for BANGZ2 path THRTL\_HONID

Graphic Depiction 2



# DME DME Assessment Results for BANGZ2 path THRTL\_HONID

Graphic Depiction 3



# DME DME Assessment Results for BANGZ2 path THRTL\_HONID

Graphic Depiction 4

