

DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\KSRQ TIDES1 (RNAV) SID 230605.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\DME\KSRQ [IFPA] TIDES1 20230605_1402 EDT\KSRQ-RW14-DER_CAMJO\KSRQ TIDES1 SID RW14 CAMJO 20230605_1402 EDT.pdf
Procedure Name:	TIDES1
Software: DmeDmePlugin:	7.1.0
Date/Time:	06/05/2023 14:02 EDT
Databases:	DTED 0 MAX

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
KSRQ:RW14:DER	WP	N27° 23' 10.84", W082° 32' 40.99"	29.9	VNAV	130	FLY_OVER	TF
URCHN	WP	N27° 17' 51.31", W082° 26' 35.62"	4000	VNAV	200	FLY_BY	TF
SNAGS	WP	N27° 15' 20.63", W082° 29' 18.00"	4000	VNAV	220	FLY_BY	TF
THONG	WP	N27° 14' 29.65", W082° 34' 45.48"	4000	VNAV	220	FLY_BY	TF
PHINS	WP	N27° 23' 08.18", W082° 45' 15.44"	4000	VNAV	200	FLY_BY	TF
TIDES	WP	N27° 28' 05.61", W082° 47' 36.90"	5000	VNAV	250	FLY_BY	TF
HYRON	WP	N27° 34' 56.59", W082° 47' 22.82"	5000	VNAV	250	FLY_BY	TF
BRUNG	WP	N27° 54' 01.45", W082° 47' 15.58"	6000	VNAV	250	FLY_BY	TF
ENDED	WP	N28° 24' 35.14", W082° 47' 03.97"	7000	VNAV	250	FLY_BY	TF
WILON	WP	N29° 25' 04.24", W082° 41' 35.61"	10000	VNAV	250	FLY_BY	TF
SPRNG	WP	N30° 00' 12.73", W082° 41' 22.40"	10000	VNAV	250	FLY_BY	TF
CAMJO	WP	N30° 30' 32.00", W082° 41' 11.00"	10000	VNAV	250	FLY_BY	TF
Climb Gradient: 0.0 ft/NM up to 530.0 ft MSL 200.0 ft/NM							

DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Flyability	
Flight Type:	SID
Selected Airport:	KSRQ [IFPA]
Climb Gradient:	0.0 ft/NM up to 530.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME/DME	
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:	Enabled
Disabled DMEs:	None

DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	24.9 %	25.7 %
2	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	28.7 %	29.9 %
3	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	IFPA	NO	Enabled	24.2 %	25.3 %
4	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	51.2 %	52.4 %
5	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	1.6 %	1.7 %
6	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	33.3 %	33.8 %
7	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	32.2 %	33.6 %
8	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	34.7 %	36.2 %
9	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	23.5 %	24.5 %
10	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	29.7 %	30.1 %
11	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	20.5 %	21.4 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
7.6	MCF	SRQ				
8.8						
20.7	SRQ	PIE				
23.3	SRQ	PIE	MCF			
30.3	SRQ	PIE	MCF	LAL		
49.4	MCF	SRQ	PIE			
52.6	MCF	SRQ	PIE	ORL		
57.9	MCF	SRQ	ORL			
63.1	ORL	SRQ	MCF	PIE		
69.5	ORL	SRQ	LAL	PIE	MCF	
87.3	ORL	PIE	SRQ	LAL		
99.0	LAL	PIE	SRQ			
99.1	LAL	SRQ				
106.1						
111.7	SRQ	OCF				
128.0	CTY	OCF	SRQ			
137.6	CTY	GNV	OCF	SRQ		
138.5	CTY	GNV	OCF			
151.0	GNV	OCF	CTY	TAY		
152.1	TAY	CTY	GNV	OCF	CRG	
164.8	TAY	GNV	CTY	CRG		
194.7	CRG	GNV	TAY			
198.0	CRG	TAY				
203.8	GNV	CRG	TAY			
204.6	CTY	CRG	GNV	TAY		
206.9	GNV	TAY	CTY			
212.6	GNV	TAY	CTY	OTK		
215.8	CTY	OTK	GNV			

DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N27° 23' 09.34", W082° 32' 39.27"	N27° 17' 51.31", W082° 26' 35.62"	7.556
2	N27° 16' 58.70", W082° 27' 32.34"	N27° 17' 40.78", W082° 38' 37.38"	11.8754
3	N28° 40' 15.78", W082° 45' 39.47"	N28° 45' 52.90", W082° 45' 09.09"	5.6217

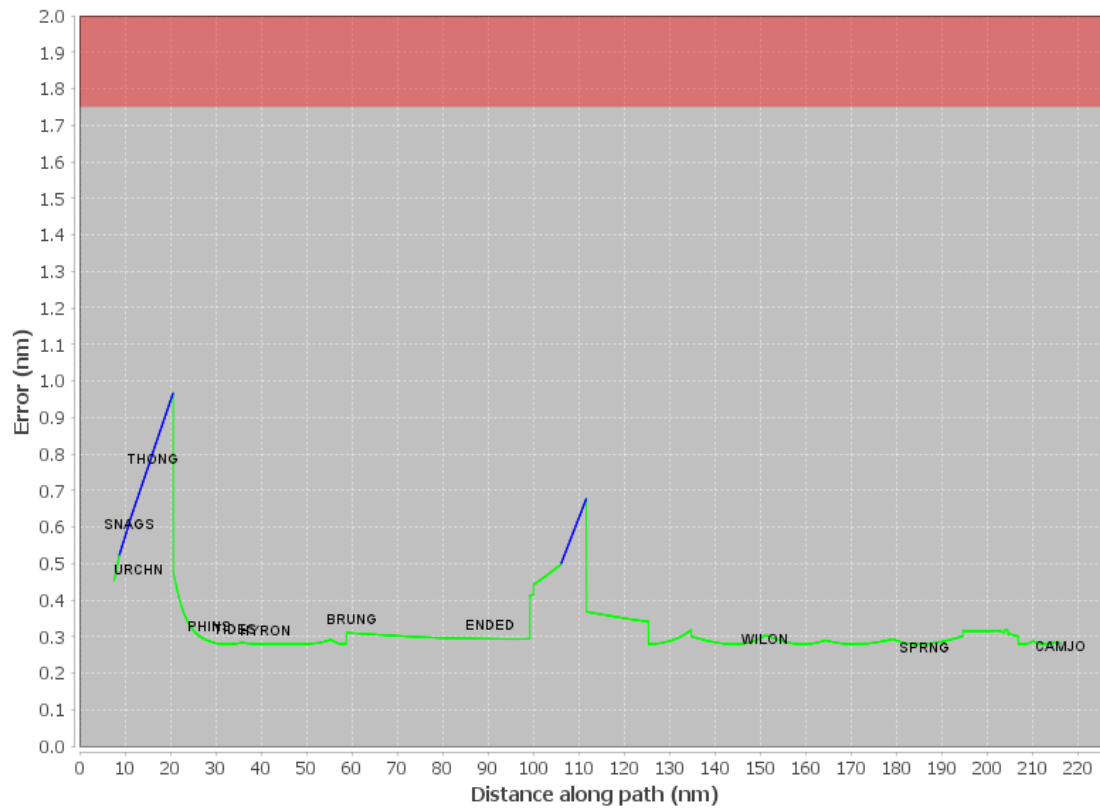
Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KSRQ:RW14:DER	URCHN		
URCHN	SNAGS	MCF, SRQ	
SNAGS	THONG		
THONG	PHINS	MCF, SRQ, PIE	
PHINS	TIDES	MCF, SRQ, LAL, PIE	
TIDES	HYRON	MCF, SRQ, LAL, PIE	
HYRON	BRUNG	MCF, SRQ, LAL, ORL, PIE	
BRUNG	ENDED	MCF, SRQ, LAL, ORL, PIE	
ENDED	WILON	SRQ, OCF, LAL, ORL, CTY, PIE, TAY, GNV	
WILON	SPRNG	OCF, CTY, CRG, TAY, GNV	
SPRNG	CAMJO	OTK, CTY, CRG, TAY, GNV	

DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

User Data Files								
#	File Name							
1	LAL.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	LAL FAA 704224-69 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-69	
ESV:		Bearing [True]: 240.0° to 260.0° Bearing [Mag]: 239.0° to 259.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 15000.0 ft		
4	ORL FAA 694096-74 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-74	
ESV:		Bearing [True]: 200.0° to 271.0° Bearing [Mag]: 200.0° to 271.0°				Arc Distance: Out to 93.0 NM Altitude: 5500.0 to 18000.0 ft		
5	LAL FAA 704224-109 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-109	
ESV:		Bearing [True]: 228.0° to 251.0° Bearing [Mag]: 227.0° to 250.0°				Arc Distance: Out to 60.0 NM Altitude: 3800.0 to 18000.0 ft		
6	OCF FAA 714002-25 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-25	
ESV:		Bearing [True]: 190.0° to 235.0° Bearing [Mag]: 190.0° to 235.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		
7	RSW FAA 191354-62 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-62	
ESV:		Bearing [True]: 305.0° to 325.0° Bearing [Mag]: 307.0° to 327.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 12500.0 ft		
8	CRG FAA 698166-36 CRG [IFPA]	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	41.9	114.5	CRG FAA 698166-36	
ESV:		Bearing [True]: 198.0° to 271.0° Bearing [Mag]: 201.0° to 274.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 14600.0 ft		
9	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
10	LAL FAA 704224-100 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-100	
ESV:		Bearing [True]: 276.0° to 326.0° Bearing [Mag]: 275.0° to 325.0°				Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 ft		
11	RSW FAA 191354-37 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-37	
ESV:		Bearing [True]: 298.0° to 318.0° Bearing [Mag]: 300.0° to 320.0°				Arc Distance: Out to 125.0 NM Altitude: 11000.0 to 18000.0 ft		
12	PIE FAA 698212-33 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-33	
ESV:		Bearing [True]: 242.0° to 268.0° Bearing [Mag]: 247.0° to 273.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 21000.0 ft		

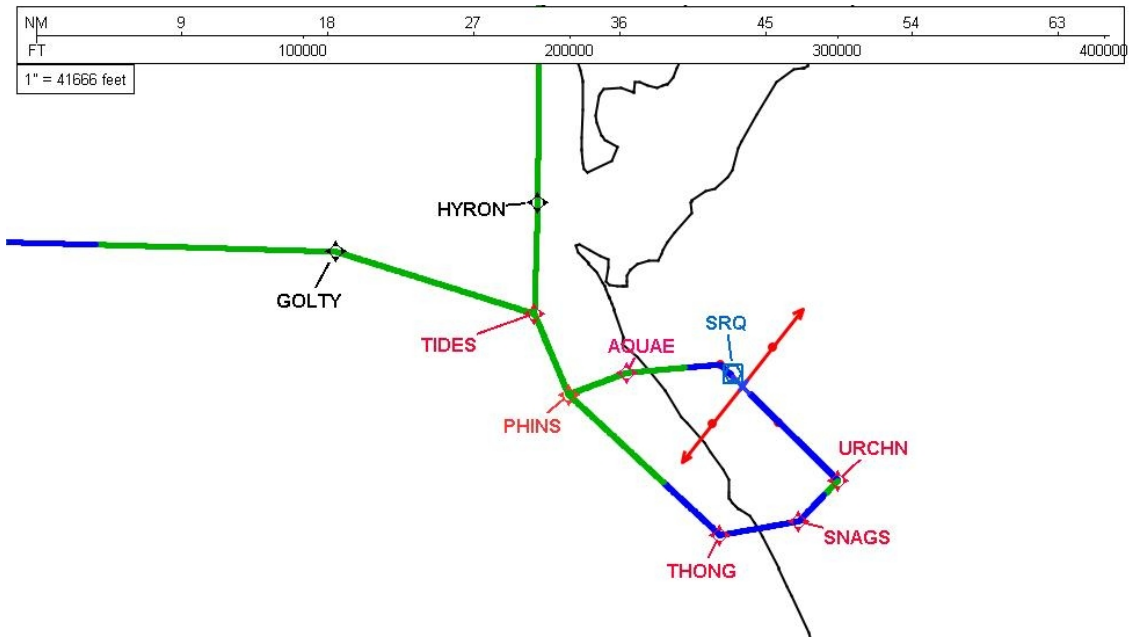
DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

DME Error



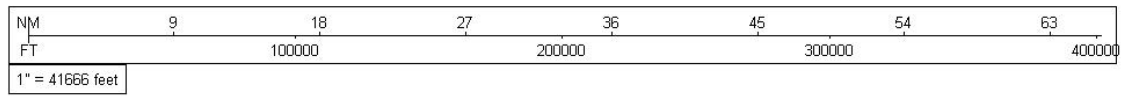
DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Graphic Depiction 1



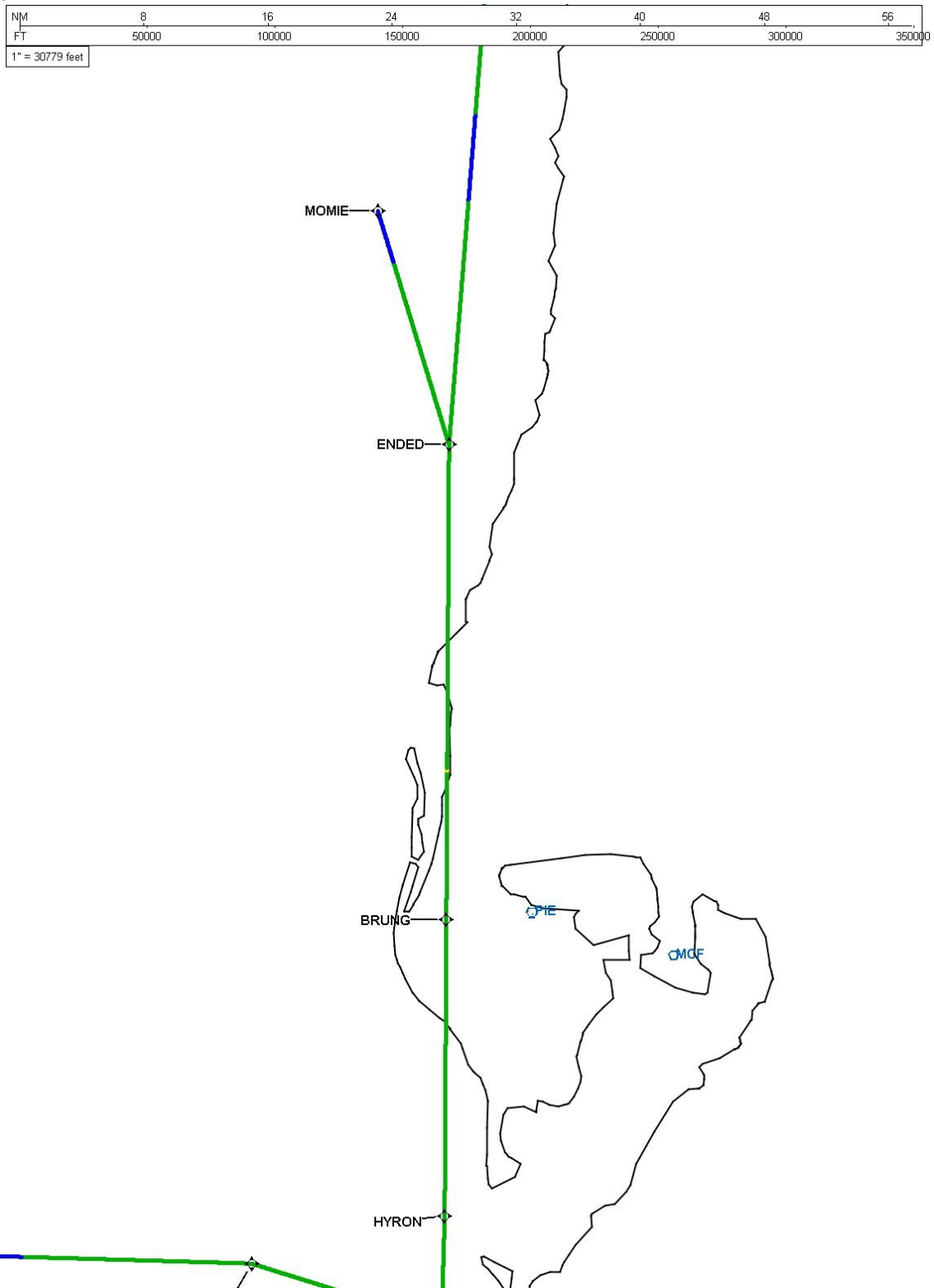
DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Graphic Depiction 2



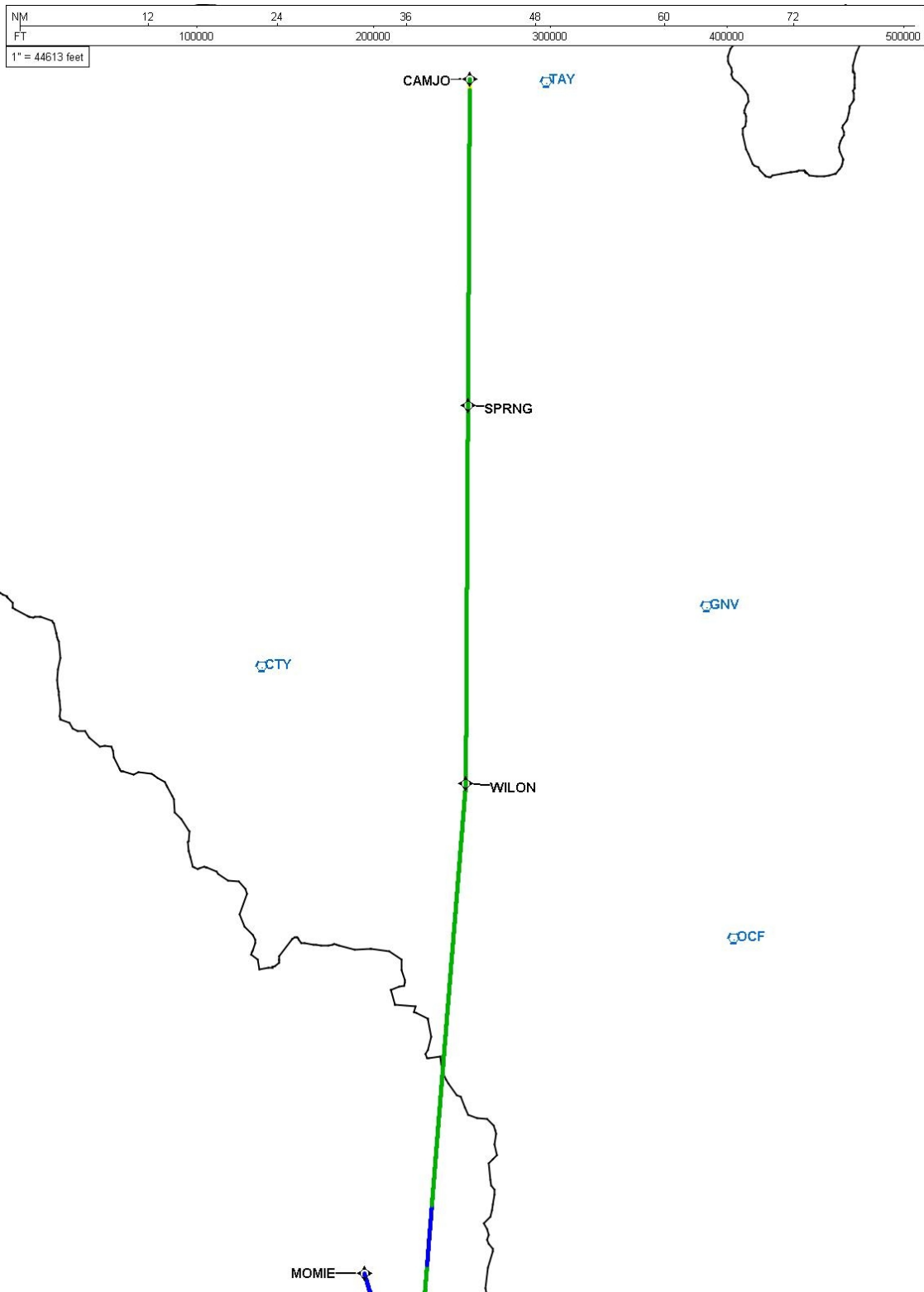
DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Graphic Depiction 3



DME DME Assessment Results for TIDES1 path KSRQ:RW14:DER_CAMJO

Graphic Depiction 4



DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\KSRQ TIDES1 (RNAV) SID 230605.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\DME\KSRQ [IFPA] TIDES1 20230605_1402 EDT\KSRQ-RW32-DER_PHINS\KSRQ TIDES1 SID RW32 PHINS 20230605_1402 EDT.pdf
Procedure Name:	TIDES1
Software: DmeDmePlugin:	7.1.0
Date/Time:	06/05/2023 14:02 EDT
Databases:	DTED 0 MAX

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
KSRQ:RW32:DER	WP	N27° 24' 16.64", W082° 33' 56.32"	26.2	VNAV	130	FLY_OVER	TF
AQUAE	WP	N27° 24' 28.38", W082° 41' 15.56"	2600	VNAV	220	FLY_BY	TF
PHINS	WP	N27° 23' 08.18", W082° 45' 15.44"	4000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 530.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KSRQ [IFPA]
Climb Gradient:	500.0 ft/NM up to 530.0 ft MSL 200.0 ft/NM
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	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	62.6 %	70.1 %
2	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	62.6 %	70.1 %
3	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	56.9 %	65.2 %

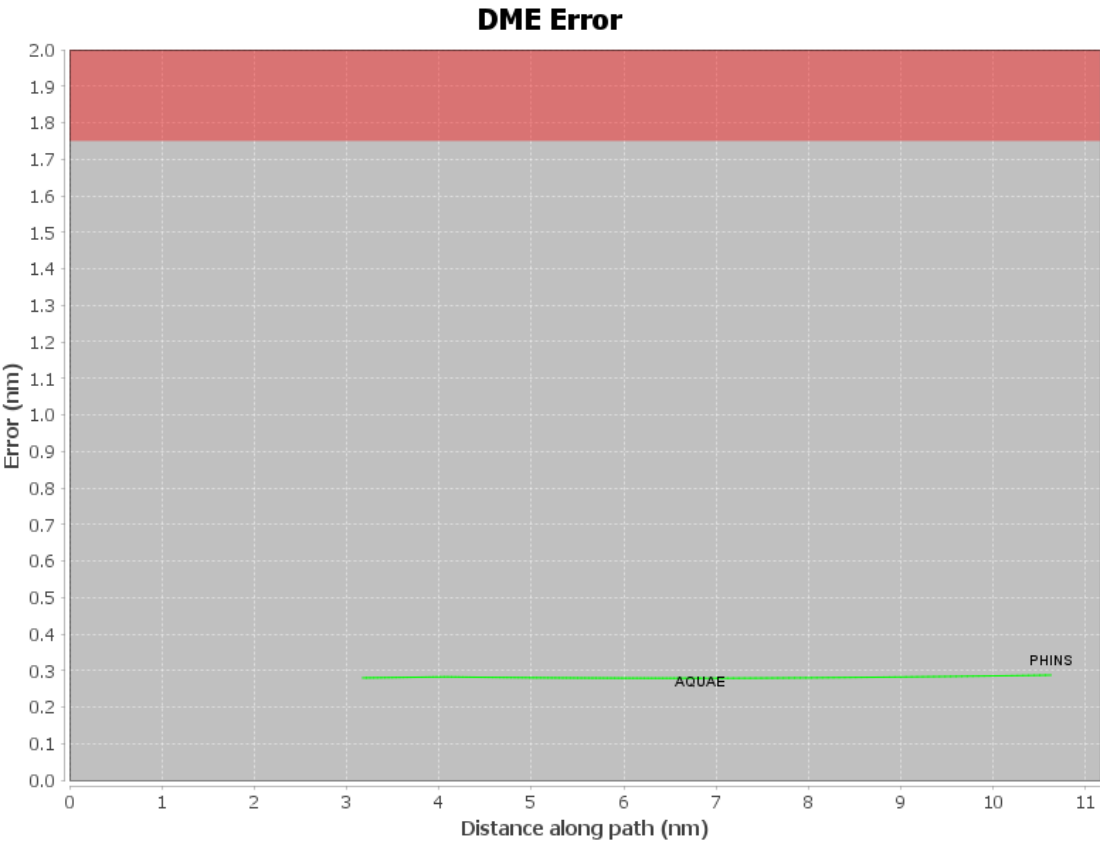
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.2	SRQ	PIE				
3.7	MCF	SRQ	PIE			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N27° 24' 18.15", W082° 33' 58.05"	N27° 24' 47.65", W082° 37' 10.38"	3.1382

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
KSRQ:RW32:DER	AQUAE	MCF, SRQ, PIE	
AQUAE	PHINS	MCF, SRQ, PIE	

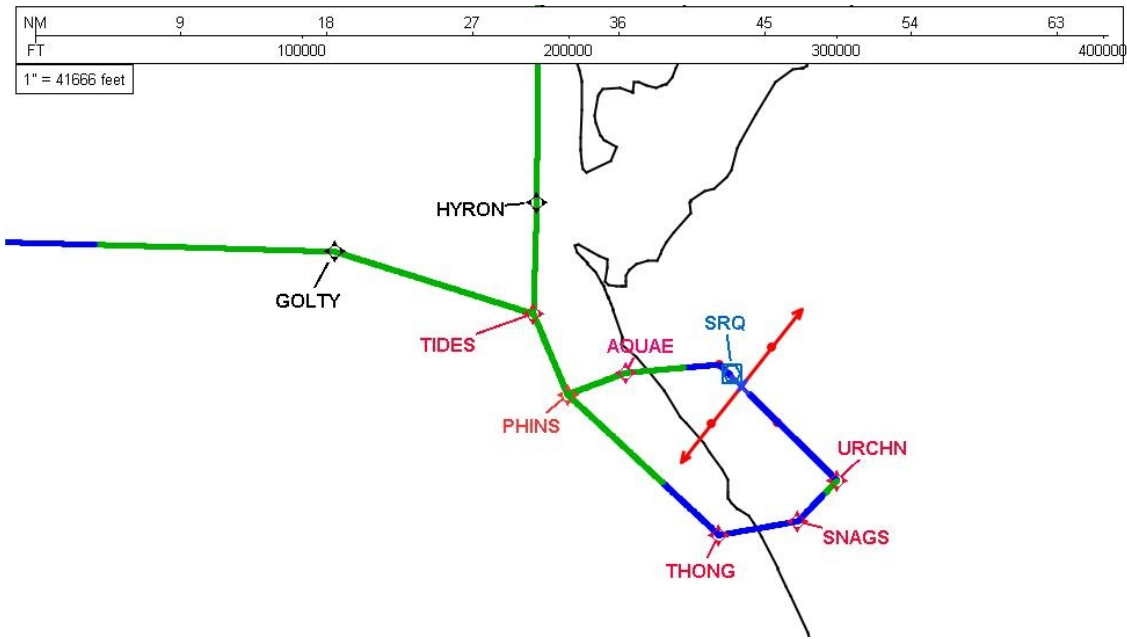
DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

User Data Files								
#	File Name							
1	LAL.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	LAL FAA 704224-69 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-69	
ESV:		Bearing [True]: 240.0° to 260.0° Bearing [Mag]: 239.0° to 259.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 15000.0 ft		
4	ORL FAA 694096-74 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-74	
ESV:		Bearing [True]: 200.0° to 271.0° Bearing [Mag]: 200.0° to 271.0°				Arc Distance: Out to 93.0 NM Altitude: 5500.0 to 18000.0 ft		
5	LAL FAA 704224-109 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-109	
ESV:		Bearing [True]: 228.0° to 251.0° Bearing [Mag]: 227.0° to 250.0°				Arc Distance: Out to 60.0 NM Altitude: 3800.0 to 18000.0 ft		
6	OCF FAA 714002-25 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-25	
ESV:		Bearing [True]: 190.0° to 235.0° Bearing [Mag]: 190.0° to 235.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		
7	RSW FAA 191354-62 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-62	
ESV:		Bearing [True]: 305.0° to 325.0° Bearing [Mag]: 307.0° to 327.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 12500.0 ft		
8	CRG FAA 698166-36 CRG [IFPA]	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	41.9	114.5	CRG FAA 698166-36	
ESV:		Bearing [True]: 198.0° to 271.0° Bearing [Mag]: 201.0° to 274.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 14600.0 ft		
9	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
10	LAL FAA 704224-100 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-100	
ESV:		Bearing [True]: 276.0° to 326.0° Bearing [Mag]: 275.0° to 325.0°				Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 ft		
11	RSW FAA 191354-37 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-37	
ESV:		Bearing [True]: 298.0° to 318.0° Bearing [Mag]: 300.0° to 320.0°				Arc Distance: Out to 125.0 NM Altitude: 11000.0 to 18000.0 ft		
12	PIE FAA 698212-33 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-33	
ESV:		Bearing [True]: 242.0° to 268.0° Bearing [Mag]: 247.0° to 273.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 21000.0 ft		



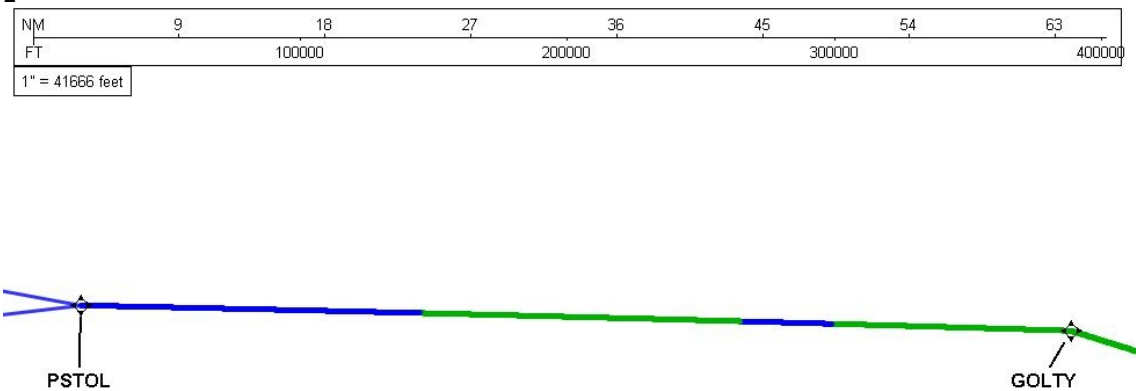
DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

Graphic Depiction 1



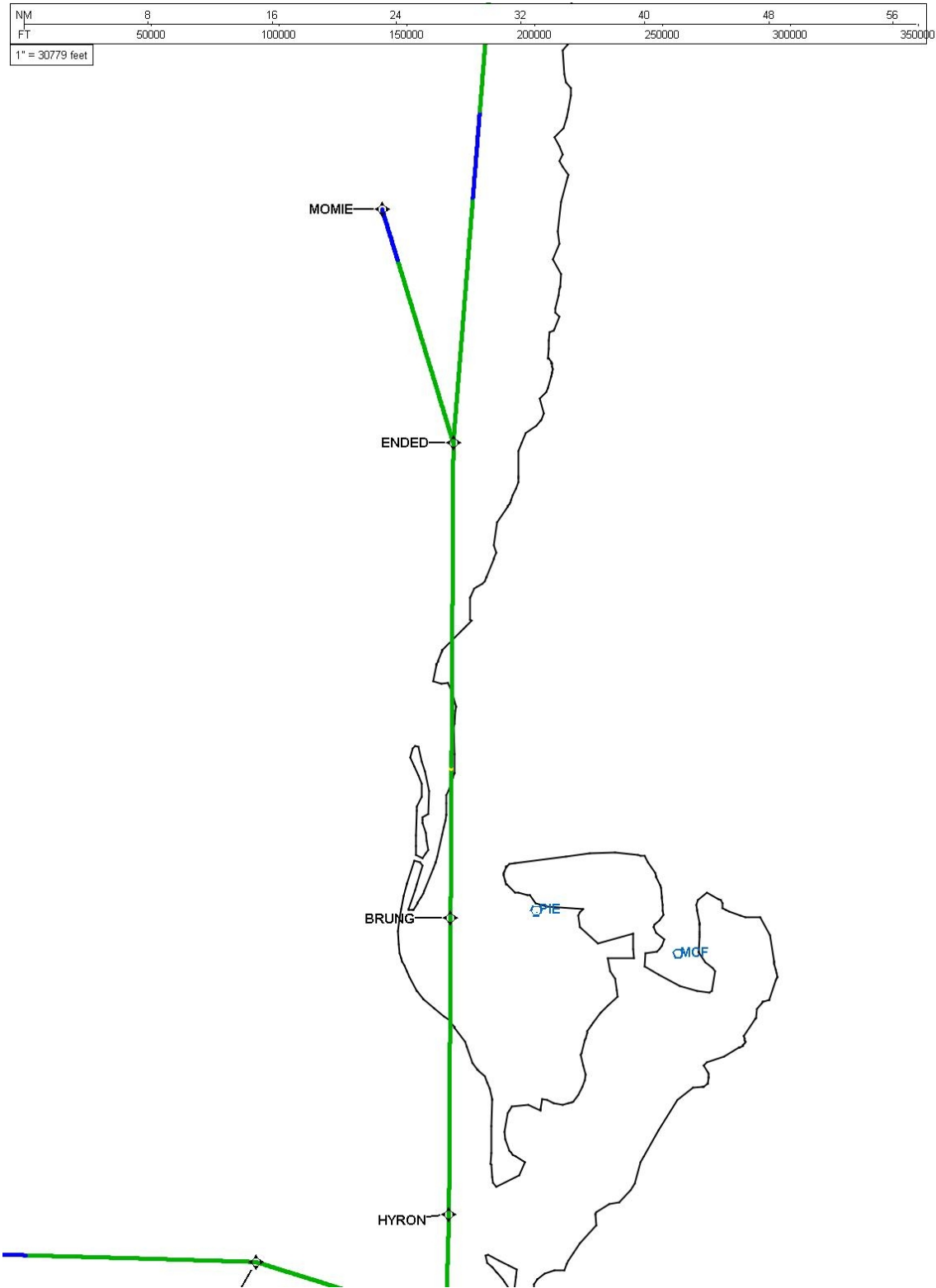
DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

Graphic Depiction 2



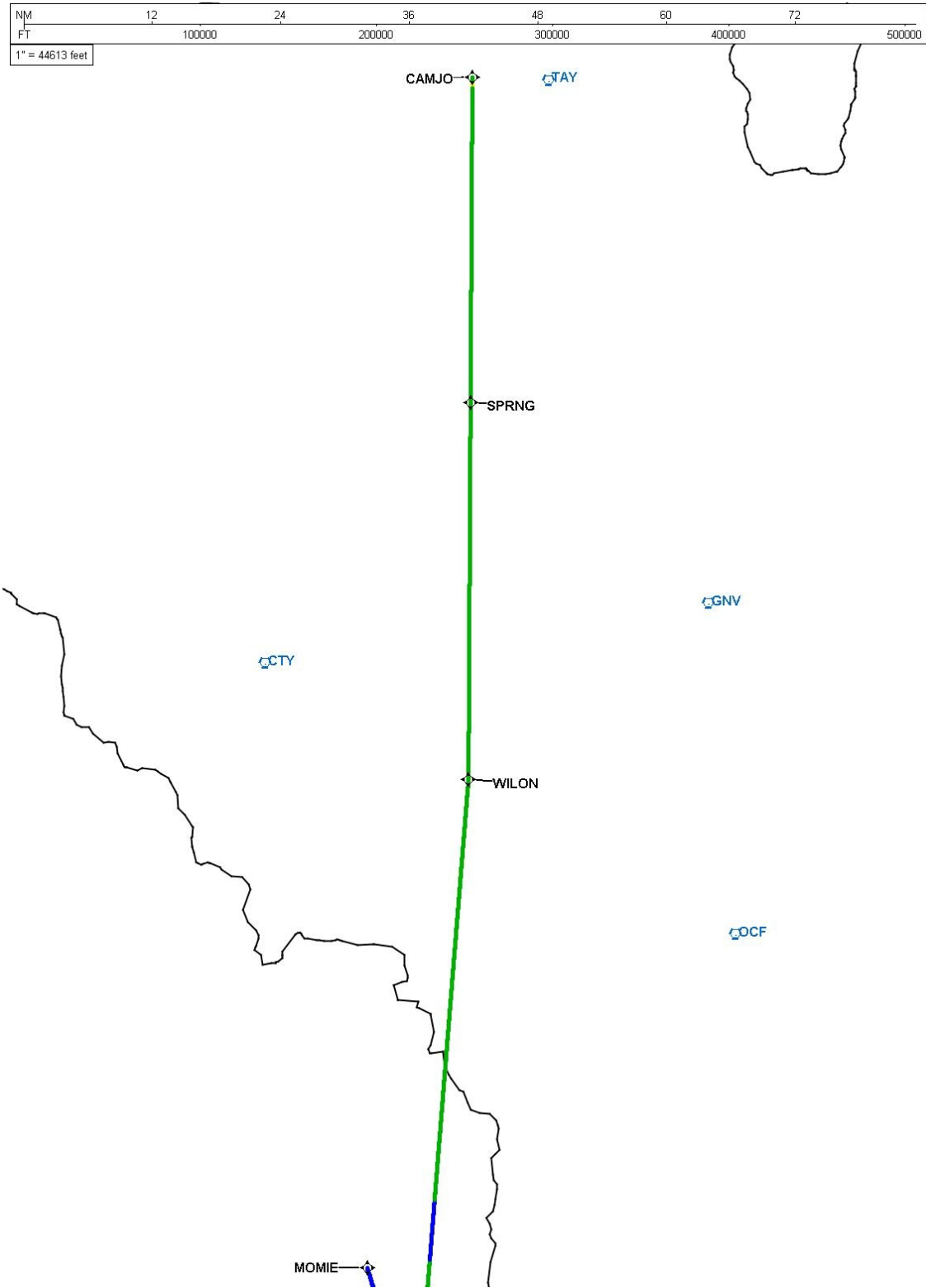
DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

Graphic Depiction 3



DME DME Assessment Results for TIDES1 path KSRQ:RW32:DER_PHINS

Graphic Depiction 4



DME DME Assessment Results for TIDES1 path CAMJO_WILON

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\KSRQ TIDES1 (RNAV) SID 230605.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\DME\KSRQ [IFPA] TIDES1 20230605_1402 EDT\CAMJO_WILON\KSRQ TIDES1 SID CAMJO WILON 20230605_1402 EDT.pdf
Procedure Name:	TIDES1
Software: DmeDmePlugin:	7.1.0
Date/Time:	06/05/2023 14:02 EDT
Databases:	DTED 0 MAX

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
CAMJO	WP	N30° 30' 32.00", W082° 41' 11.00"	10000	VNAV	250	FLY_BY	TF
SPRNG	WP	N30° 00' 12.73", W082° 41' 22.40"	10000	VNAV	250	FLY_BY	TF
WILON	WP	N29° 25' 04.24", W082° 41' 35.61"	10000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KSRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for TIDES1 path CAMJO_WILON

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	TAY	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	H	IFPA	NO	Enabled	99.2 %	99.2 %
2	CRG	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	H	IFPA	NO	Enabled	83.7 %	83.7 %
3	OTK	N30° 46' 49.60", W083° 16' 47.02"	2.0 W	130	H	IFPA	NO	Enabled	5.6 %	5.6 %
4	GNV	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	L	IFPA	NO	Enabled	91 %	91 %
5	CTY	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	L	IFPA	NO	Enabled	84.7 %	84.7 %
6	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	21 %	21 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	CTY	OTK	GNV			
0.6	CTY	OTK	GNV	TAY		
3.7	GNV	TAY	CTY			
9.4	CTY	CRG	GNV	TAY		
11.7	GNV	CRG	TAY			
12.5	CRG	TAY				
18.3	CRG	GNV	TAY			
21.6	CTY	GNV	CRG	TAY		
51.6	TAY	GNV	CRG	OCF	CTY	
64.2	TAY	CTY	GNV	OCF		

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

DME DME Assessment Results for TIDES1 path CAMJO_WILON

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
CAMJO	SPRNG	OTK, CTY, CRG, TAY, GNV	
SPRNG	WILON	OCF, CTY, CRG, TAY, GNV	

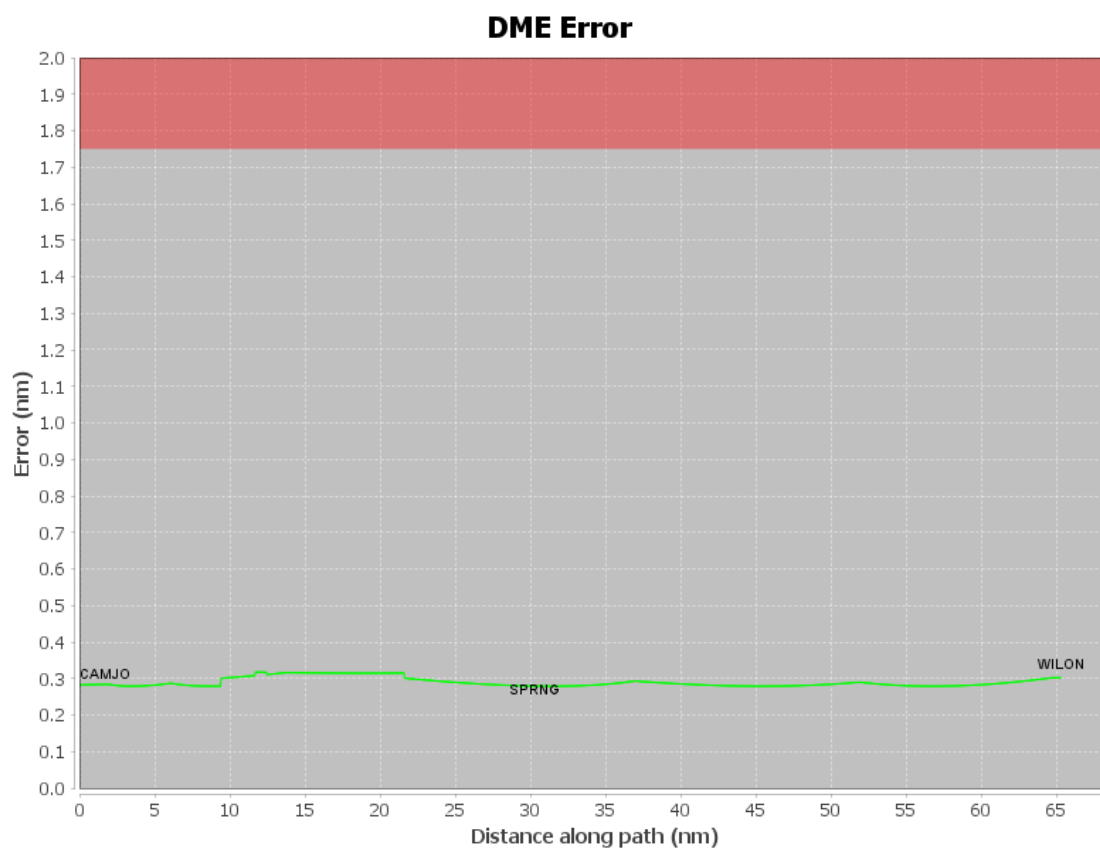
User Data Files

#	File Name
1	LAL.udt

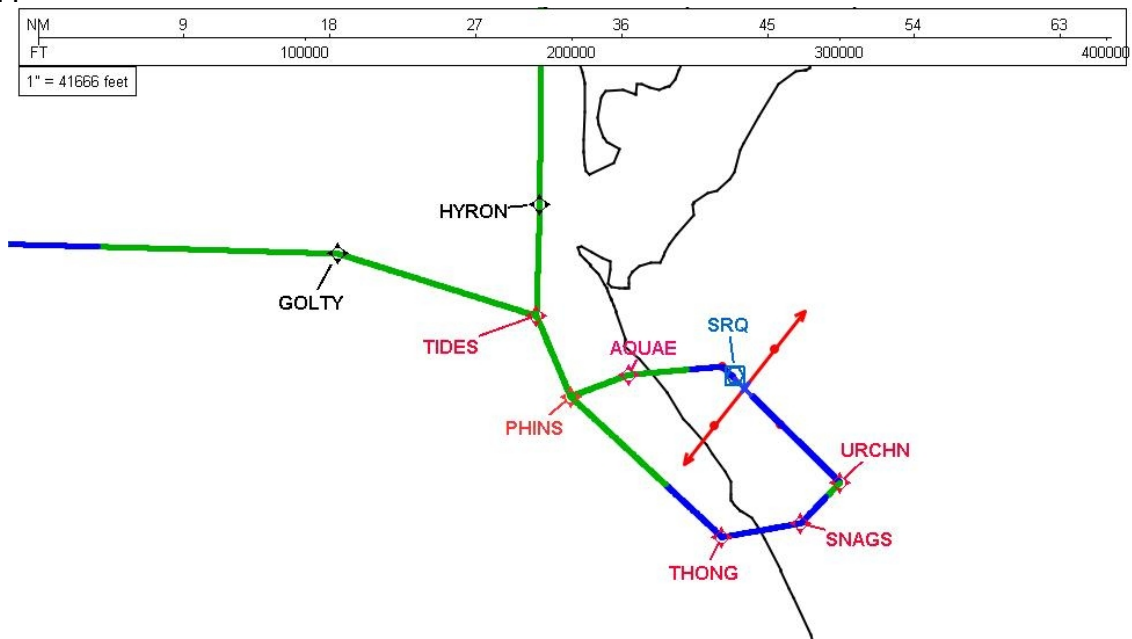
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
	ESV:	Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
	ESV:	Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	LAL FAA 704224-69 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-69	
	ESV:	Bearing [True]: 240.0° to 260.0° Bearing [Mag]: 239.0° to 259.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 15000.0 ft		
4	ORL FAA 694096-74 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-74	
	ESV:	Bearing [True]: 200.0° to 271.0° Bearing [Mag]: 200.0° to 271.0°				Arc Distance: Out to 93.0 NM Altitude: 5500.0 to 18000.0 ft		
5	LAL FAA 704224-109 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-109	
	ESV:	Bearing [True]: 228.0° to 251.0° Bearing [Mag]: 227.0° to 250.0°				Arc Distance: Out to 60.0 NM Altitude: 3800.0 to 18000.0 ft		
6	OCF FAA 714002-25 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-25	
	ESV:	Bearing [True]: 190.0° to 235.0° Bearing [Mag]: 190.0° to 235.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		
7	RSW FAA 191354-62 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-62	
	ESV:	Bearing [True]: 305.0° to 325.0° Bearing [Mag]: 307.0° to 327.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 12500.0 ft		
8	CRG FAA 698166-36 CRG [IFPA]	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	41.9	114.5	CRG FAA 698166-36	
	ESV:	Bearing [True]: 198.0° to 271.0° Bearing [Mag]: 201.0° to 274.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 14600.0 ft		
9	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
	ESV:	Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
10	LAL FAA 704224-100 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-100	
	ESV:	Bearing [True]: 276.0° to 326.0° Bearing [Mag]: 275.0° to 325.0°				Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 ft		
11	RSW FAA 191354-37 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-37	
	ESV:	Bearing [True]: 298.0° to 318.0° Bearing [Mag]: 300.0° to 320.0°				Arc Distance: Out to 125.0 NM Altitude: 11000.0 to 18000.0 ft		
12	PIE FAA 698212-33 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-33	
	ESV:	Bearing [True]: 242.0° to 268.0° Bearing [Mag]: 247.0° to 273.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 21000.0 ft		

DME DME Assessment Results for TIDES1 path CAMJO_WILON

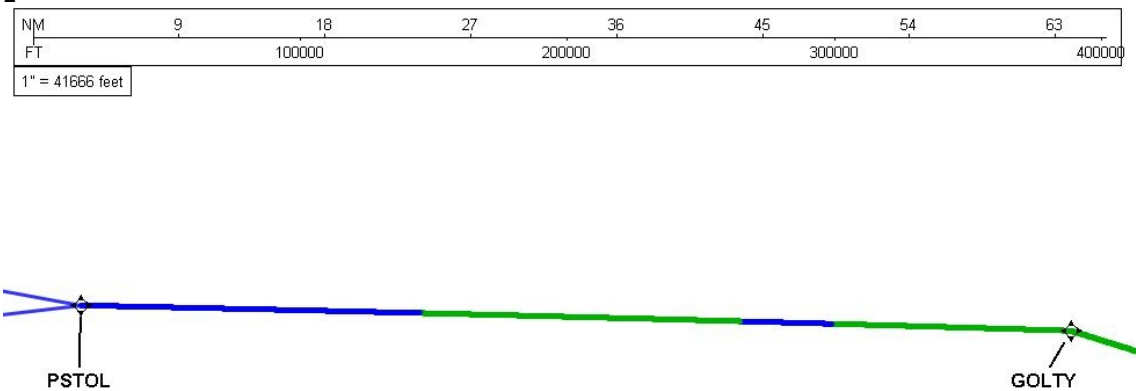


Graphic Depiction 1



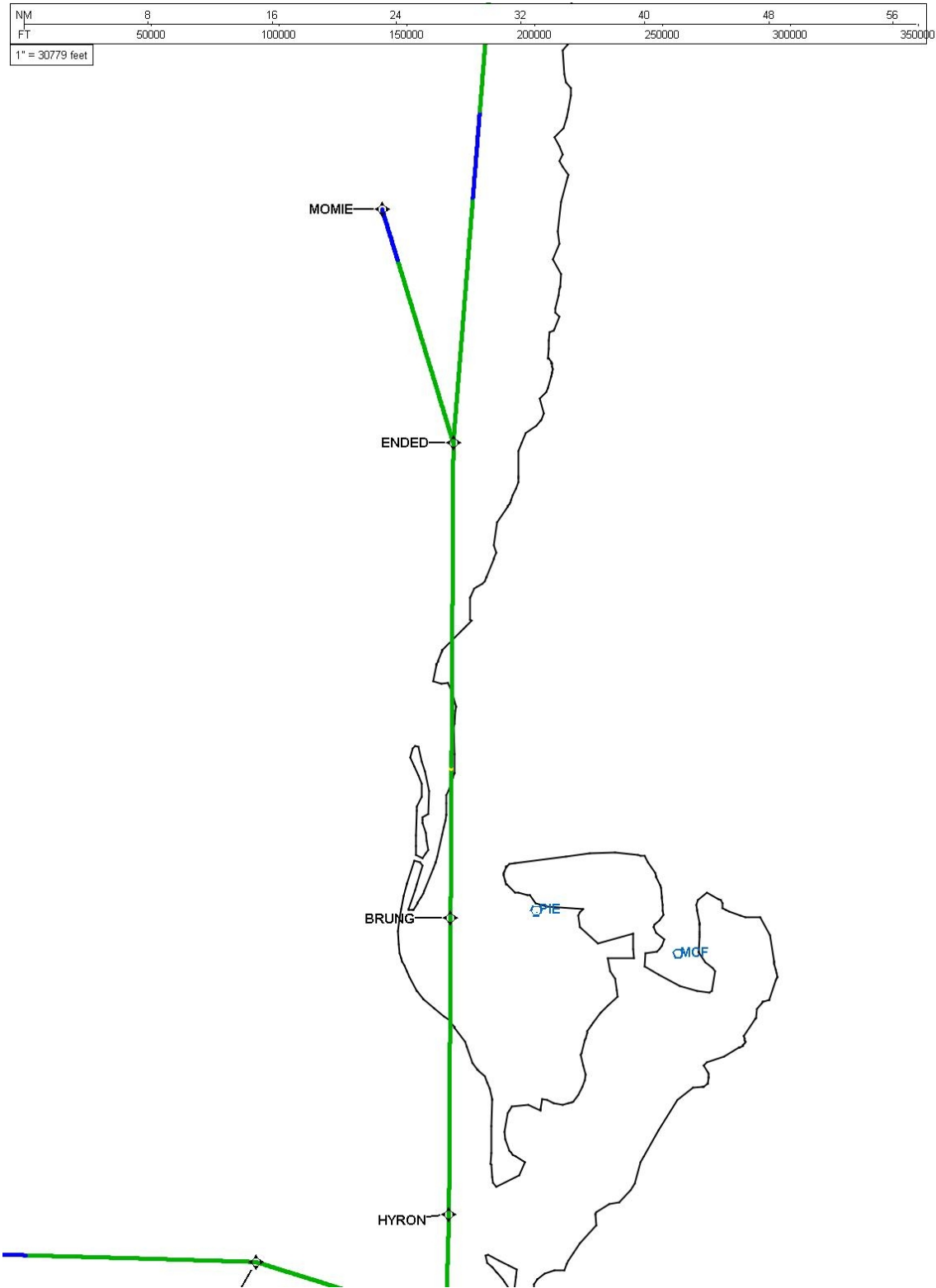
DME DME Assessment Results for TIDES1 path CAMJO_WILON

Graphic Depiction 2



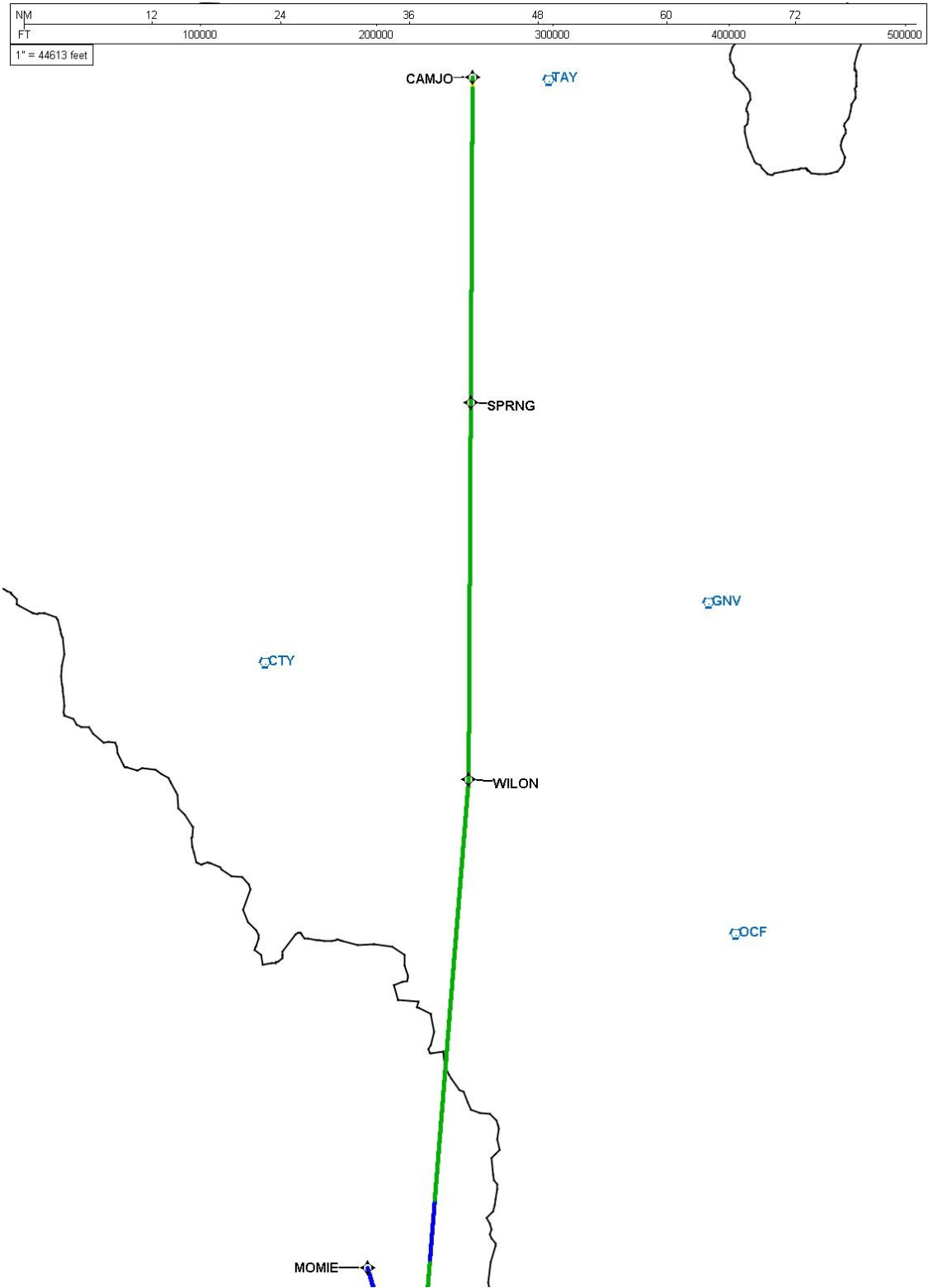
DME DME Assessment Results for TIDES1 path CAMJO_WILON

Graphic Depiction 3



DME DME Assessment Results for TIDES1 path CAMJO_WILON

Graphic Depiction 4



DME DME Assessment Results for TIDES1 path ENDED_MOMIE

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\KSRQ TIDES1 (RNAV) SID 230605.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\DME\KSRQ [IFPA] TIDES1 20230605_1402 EDT\ENDED_MOMIE\KSRQ TIDES1 SID ENDED MOMIE 20230605_1402 EDT.pdf
Procedure Name:	TIDES1
Software: DmeDmePlugin:	7.1.0
Date/Time:	06/05/2023 14:02 EDT
Databases:	DTED 0 MAX

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
ENDED	WP	N28° 24' 35.14", W082° 47' 03.97"	7000	VNAV	250	FLY_BY	TF
MOMIE	WP	N28° 39' 36.48", W082° 52' 13.33"	10000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KSRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for TIDES1 path ENDED_MOMIE

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	77.4 %	77.4 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	77.4 %	77.4 %
3	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	56.6 %	56.6 %
4	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled		
5	ORL	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	H	IFPA	NO	Enabled	50.9 %	50.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ORL	PIE	SRQ	LAL		
8.0	LAL	PIE	SRQ			
8.9	LAL	SRQ				
12.2						
15.7	OCF	SRQ				

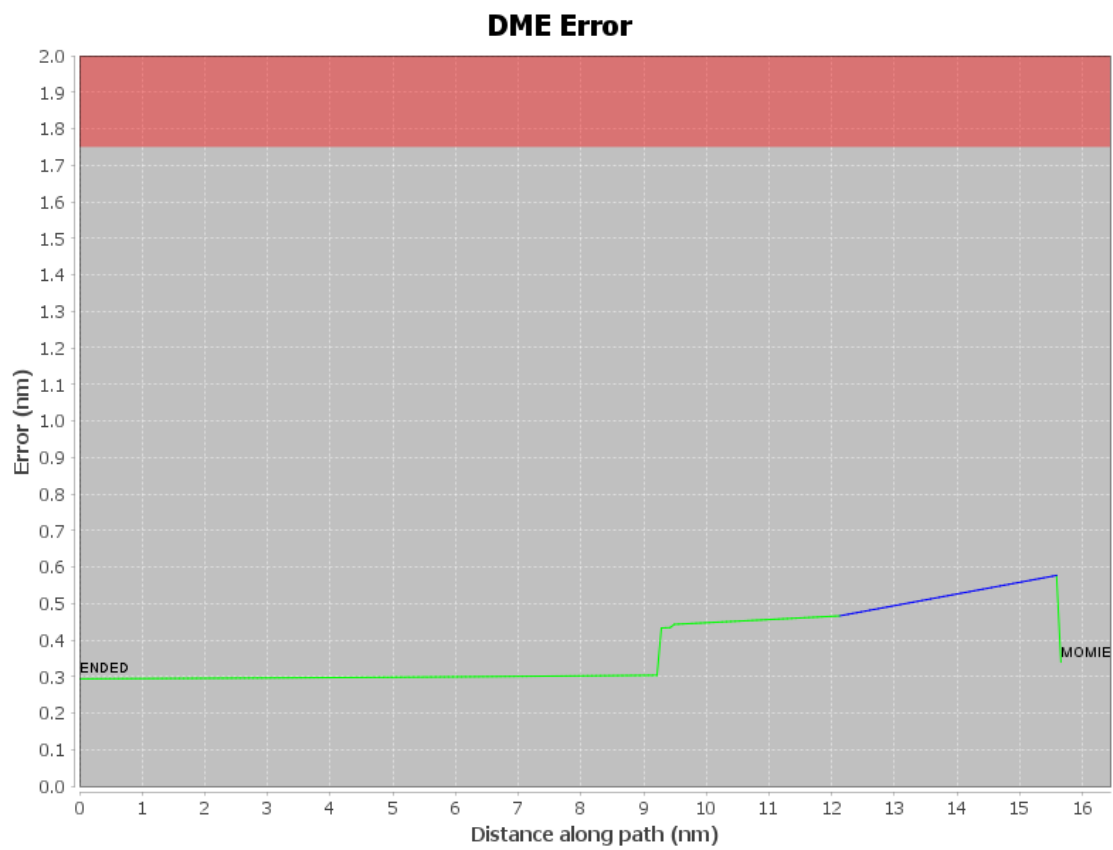
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N28° 36' 17.09", W082° 51' 04.76"	N28° 39' 36.48", W082° 52' 13.33"	3.4637

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
ENDED	MOMIE	SRQ, OCF, LAL, ORL, PIE	

DME DME Assessment Results for TIDES1 path ENDED_MOMIE

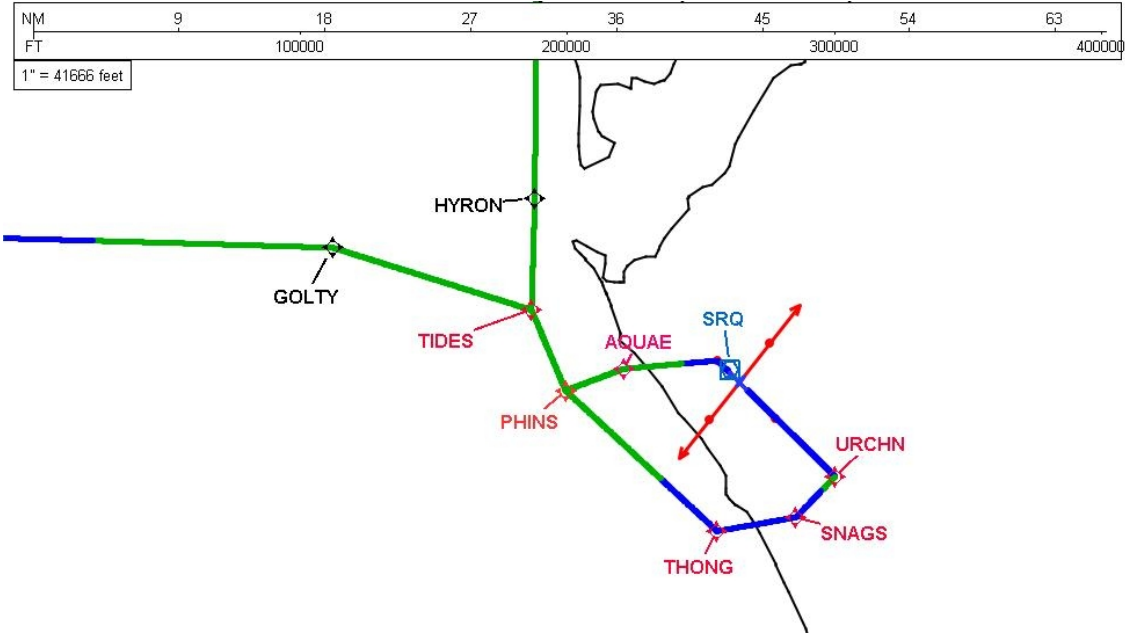
User Data Files								
#	File Name							
1	LAL.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	LAL FAA 704224-69 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-69	
ESV:		Bearing [True]: 240.0° to 260.0° Bearing [Mag]: 239.0° to 259.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 15000.0 ft		
4	ORL FAA 694096-74 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-74	
ESV:		Bearing [True]: 200.0° to 271.0° Bearing [Mag]: 200.0° to 271.0°				Arc Distance: Out to 93.0 NM Altitude: 5500.0 to 18000.0 ft		
5	LAL FAA 704224-109 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-109	
ESV:		Bearing [True]: 228.0° to 251.0° Bearing [Mag]: 227.0° to 250.0°				Arc Distance: Out to 60.0 NM Altitude: 3800.0 to 18000.0 ft		
6	OCF FAA 714002-25 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-25	
ESV:		Bearing [True]: 190.0° to 235.0° Bearing [Mag]: 190.0° to 235.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		
7	RSW FAA 191354-62 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-62	
ESV:		Bearing [True]: 305.0° to 325.0° Bearing [Mag]: 307.0° to 327.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 12500.0 ft		
8	CRG FAA 698166-36 CRG [IFPA]	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	41.9	114.5	CRG FAA 698166-36	
ESV:		Bearing [True]: 198.0° to 271.0° Bearing [Mag]: 201.0° to 274.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 14600.0 ft		
9	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
10	LAL FAA 704224-100 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-100	
ESV:		Bearing [True]: 276.0° to 326.0° Bearing [Mag]: 275.0° to 325.0°				Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 ft		
11	RSW FAA 191354-37 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-37	
ESV:		Bearing [True]: 298.0° to 318.0° Bearing [Mag]: 300.0° to 320.0°				Arc Distance: Out to 125.0 NM Altitude: 11000.0 to 18000.0 ft		
12	PIE FAA 698212-33 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-33	
ESV:		Bearing [True]: 242.0° to 268.0° Bearing [Mag]: 247.0° to 273.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 21000.0 ft		

DME DME Assessment Results for TIDES1 path ENDED_MOMIE



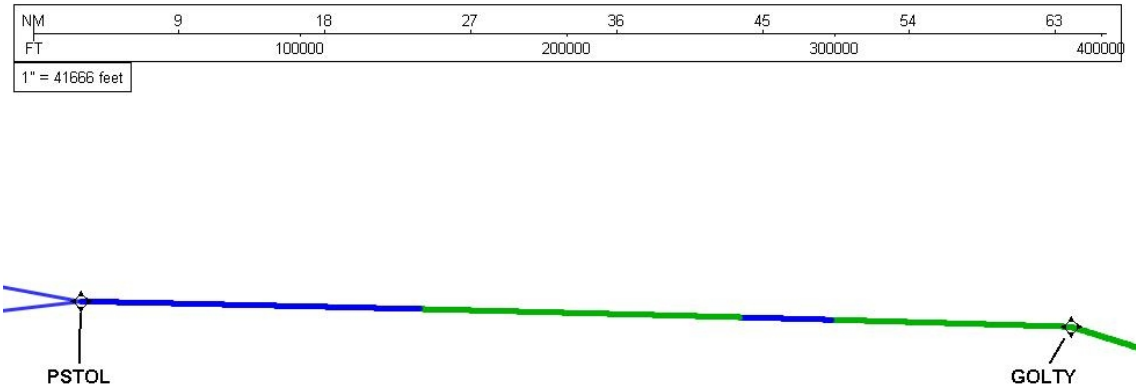
DME DME Assessment Results for TIDES1 path ENDED_MOMIE

Graphic Depiction 1



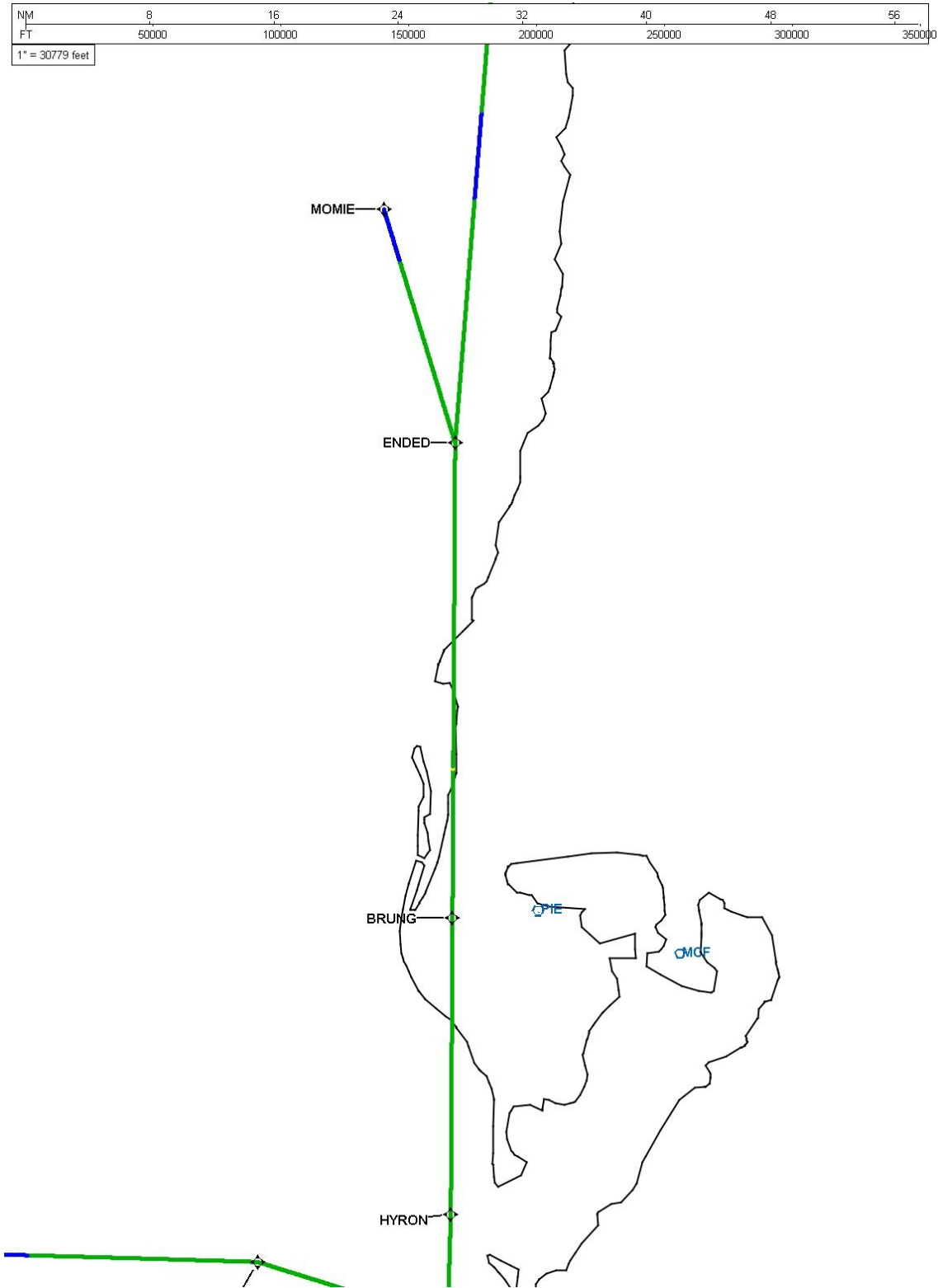
DME DME Assessment Results for TIDES1 path ENDED_MOMIE

Graphic Depiction 2



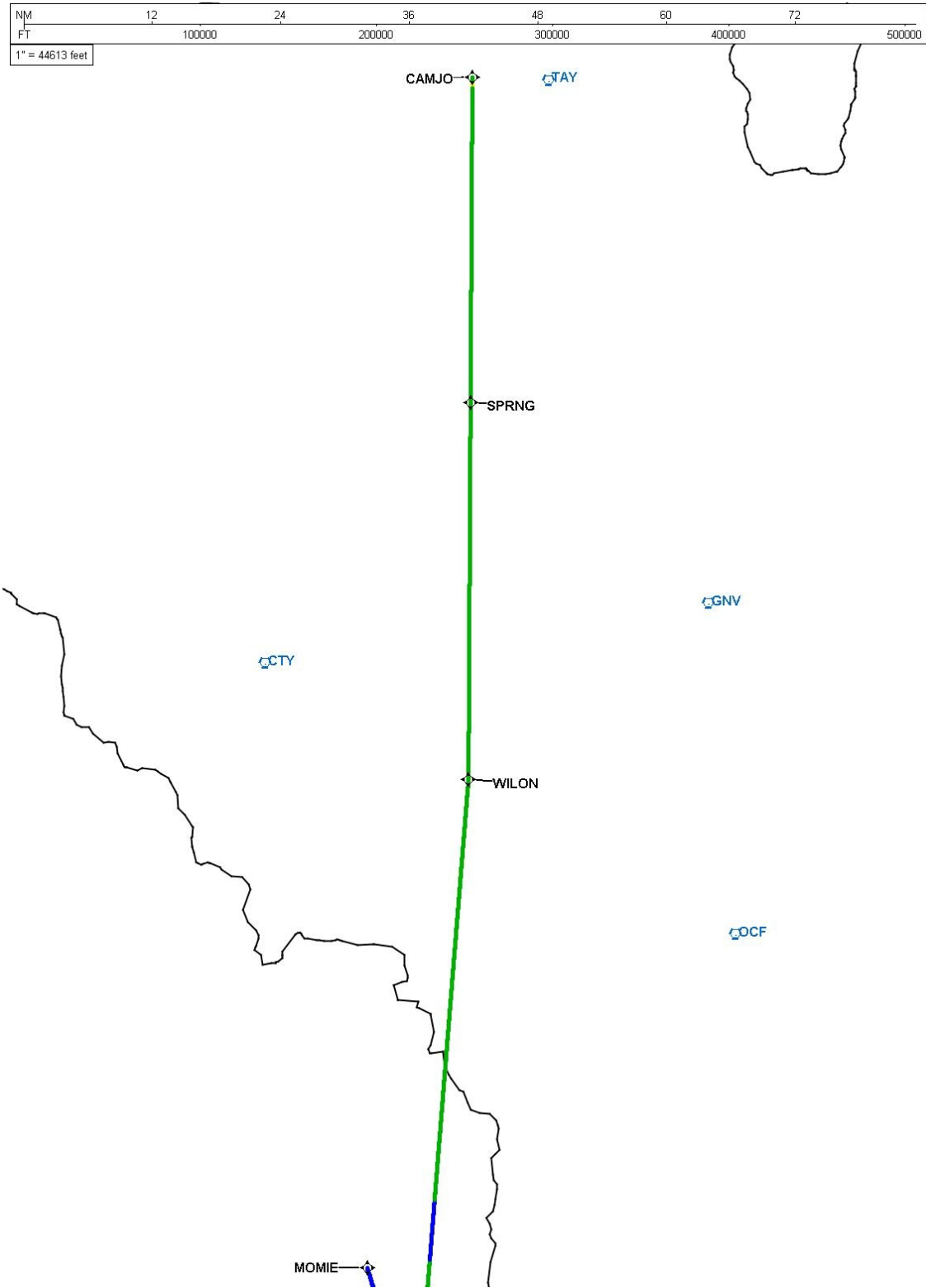
DME DME Assessment Results for TIDES1 path ENDED_MOMIE

Graphic Depiction 3



DME DME Assessment Results for TIDES1 path ENDED_MOMIE

Graphic Depiction 4



DME DME Assessment Results for TIDES1 path PSTOL_FROOT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\KSRQ TIDES1 (RNAV) SID 230605.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\DME\KSRQ [IFPA] TIDES1 20230605_1402 EDT\PSTOL_FROOT\KSRQ TIDES1 SID PSTOL FROOT 20230605_1402 EDT.pdf
Procedure Name:	TIDES1
Software: DmeDmePlugin:	7.1.0
Date/Time:	06/05/2023 14:02 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

GNSS_ONLY	PSTOL_FROOT is GNSS Only and was not evaluated
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Informational

GNSS_ONLY	PSTOL_FROOT is GNSS Only and was not evaluated
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Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
PSTOL	WP	N27° 33' 29.00", W084° 09' 55.00"	14000	VNAV	250	FLY_BY	TF
FROOT	WP	N27° 44' 21.02", W085° 18' 10.43"	18000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KSRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for TIDES1 path PSTOL_FROOT

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:	Enabled
Disabled DMEs:	None

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

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

Available DMEs by Waypoints			
Waypoint Before	Waypoint After	DME List	Suggested DMEs
PSTOL	FROOT		

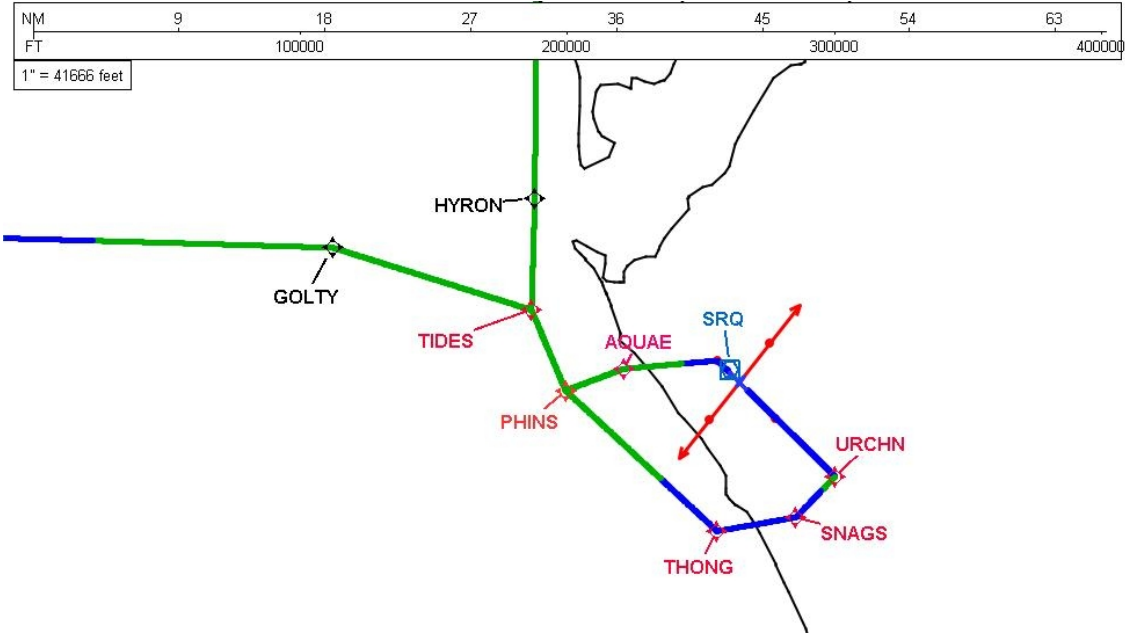
DME DME Assessment Results for TIDES1 path PSTOL_FROOT

User Data Files								
#	File Name							
1	LAL.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	GNV FAA 704230-38 GNV [IFPA]	N29° 41' 31.61", W082° 16' 22.70"	4.0 W	40	127.5	116.2	GNV FAA 704230-38	
ESV:		Bearing [True]: 325.0° to 20.0° Bearing [Mag]: 329.0° to 24.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 14500.0 ft		
2	TAY FAA 720642-33 TAY [IFPA]	N30° 30' 16.70", W082° 33' 10.45"	3.0 W	130	140	112.9	TAY FAA 720642-33	
ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
3	LAL FAA 704224-69 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-69	
ESV:		Bearing [True]: 240.0° to 260.0° Bearing [Mag]: 239.0° to 259.0°				Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 15000.0 ft		
4	ORL FAA 694096-74 ORL [IFPA]	N28° 32' 33.80", W081° 20' 06.05"	0.0 E	130	101.6	112.2	ORL FAA 694096-74	
ESV:		Bearing [True]: 200.0° to 271.0° Bearing [Mag]: 200.0° to 271.0°				Arc Distance: Out to 93.0 NM Altitude: 5500.0 to 18000.0 ft		
5	LAL FAA 704224-109 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-109	
ESV:		Bearing [True]: 228.0° to 251.0° Bearing [Mag]: 227.0° to 250.0°				Arc Distance: Out to 60.0 NM Altitude: 3800.0 to 18000.0 ft		
6	OCF FAA 714002-25 OCF [IFPA]	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	78.3	113.7	OCF FAA 714002-25	
ESV:		Bearing [True]: 190.0° to 235.0° Bearing [Mag]: 190.0° to 235.0°				Arc Distance: Out to 130.0 NM Altitude: 10000.0 to 20000.0 ft		
7	RSW FAA 191354-62 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-62	
ESV:		Bearing [True]: 305.0° to 325.0° Bearing [Mag]: 307.0° to 327.0°				Arc Distance: Out to 105.0 NM Altitude: 8000.0 to 12500.0 ft		
8	CRG FAA 698166-36 CRG [IFPA]	N30° 20' 19.97", W081° 30' 35.74"	3.0 W	130	41.9	114.5	CRG FAA 698166-36	
ESV:		Bearing [True]: 198.0° to 271.0° Bearing [Mag]: 201.0° to 274.0°				Arc Distance: Out to 85.0 NM Altitude: 5900.0 to 14600.0 ft		
9	CTY FAA 704013-24 CTY [IFPA]	N29° 35' 56.40", W083° 02' 55.65"	2.0 W	40	33.8	112.0	CTY FAA 704013-24	
ESV:		Bearing [True]: 303.0° to 28.0° Bearing [Mag]: 305.0° to 30.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 45000.0 ft		
10	LAL FAA 704224-100 LAL [IFPA]	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	133.8	116.0	LAL FAA 704224-100	
ESV:		Bearing [True]: 276.0° to 326.0° Bearing [Mag]: 275.0° to 325.0°				Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 ft		
11	RSW FAA 191354-37 RSW [IFPA]	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	24.8	114.15	RSW FAA 191354-37	
ESV:		Bearing [True]: 298.0° to 318.0° Bearing [Mag]: 300.0° to 320.0°				Arc Distance: Out to 125.0 NM Altitude: 11000.0 to 18000.0 ft		
12	PIE FAA 698212-33 PIE [IFPA]	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	4.8	116.4	PIE FAA 698212-33	
ESV:		Bearing [True]: 242.0° to 268.0° Bearing [Mag]: 247.0° to 273.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 21000.0 ft		



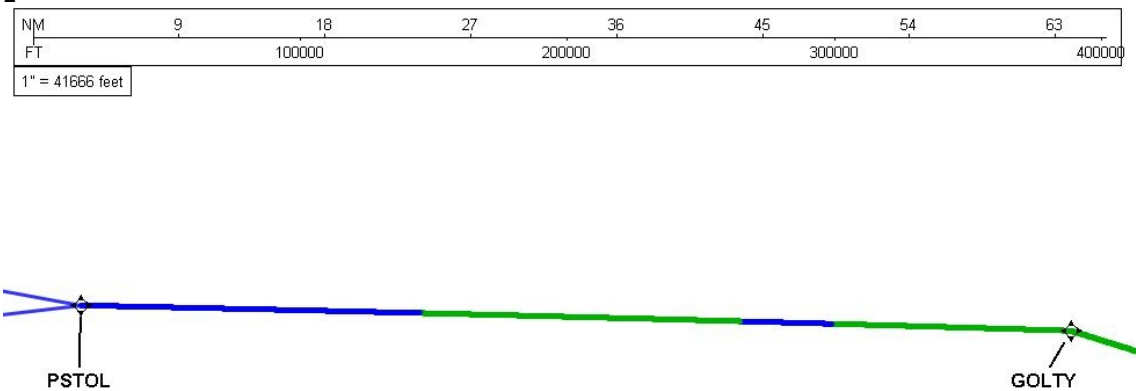
DME DME Assessment Results for TIDES1 path PSTOL_FROOT

Graphic Depiction 1



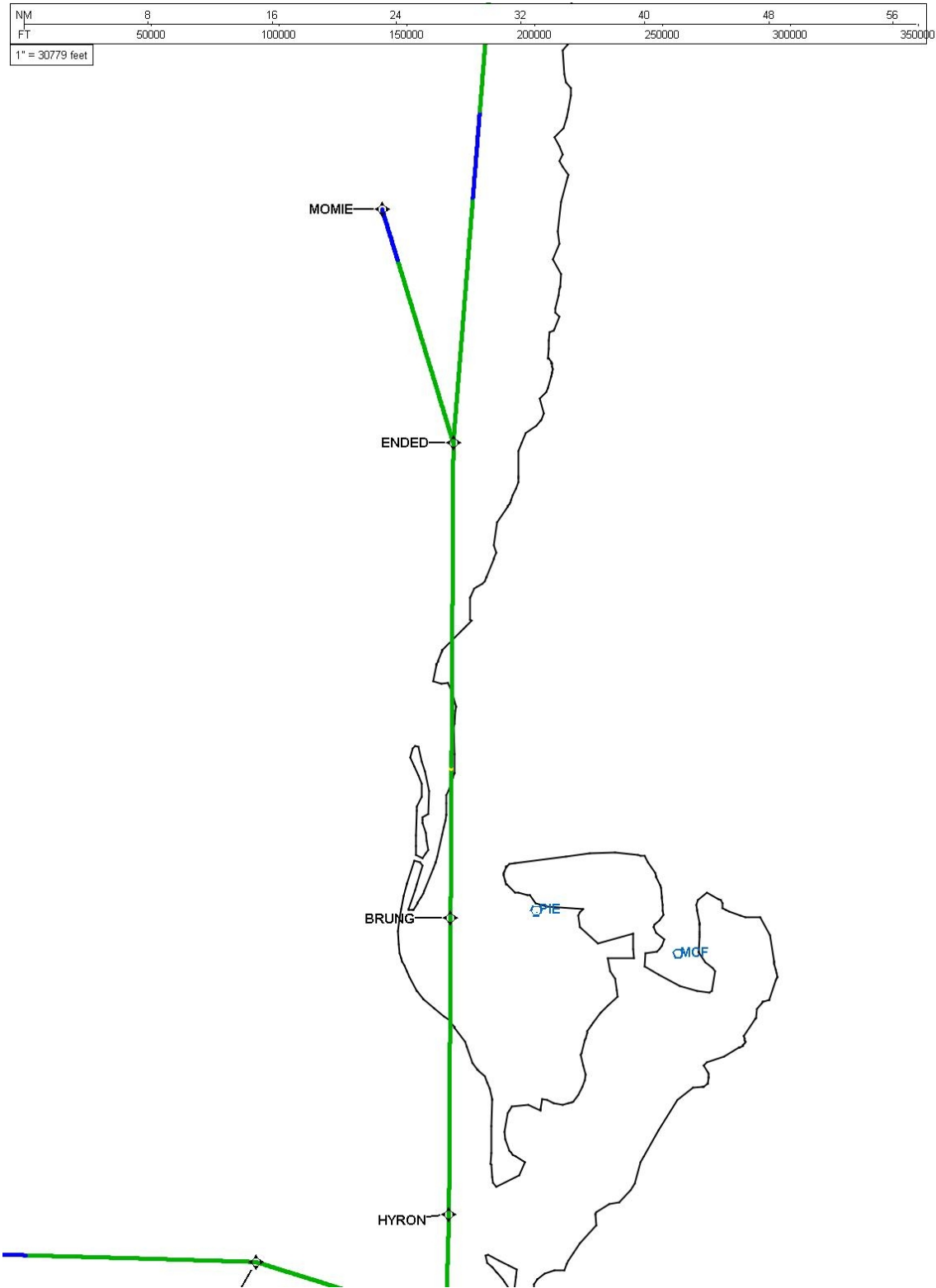
DME DME Assessment Results for TIDES1 path PSTOL_FROOT

Graphic Depiction 2



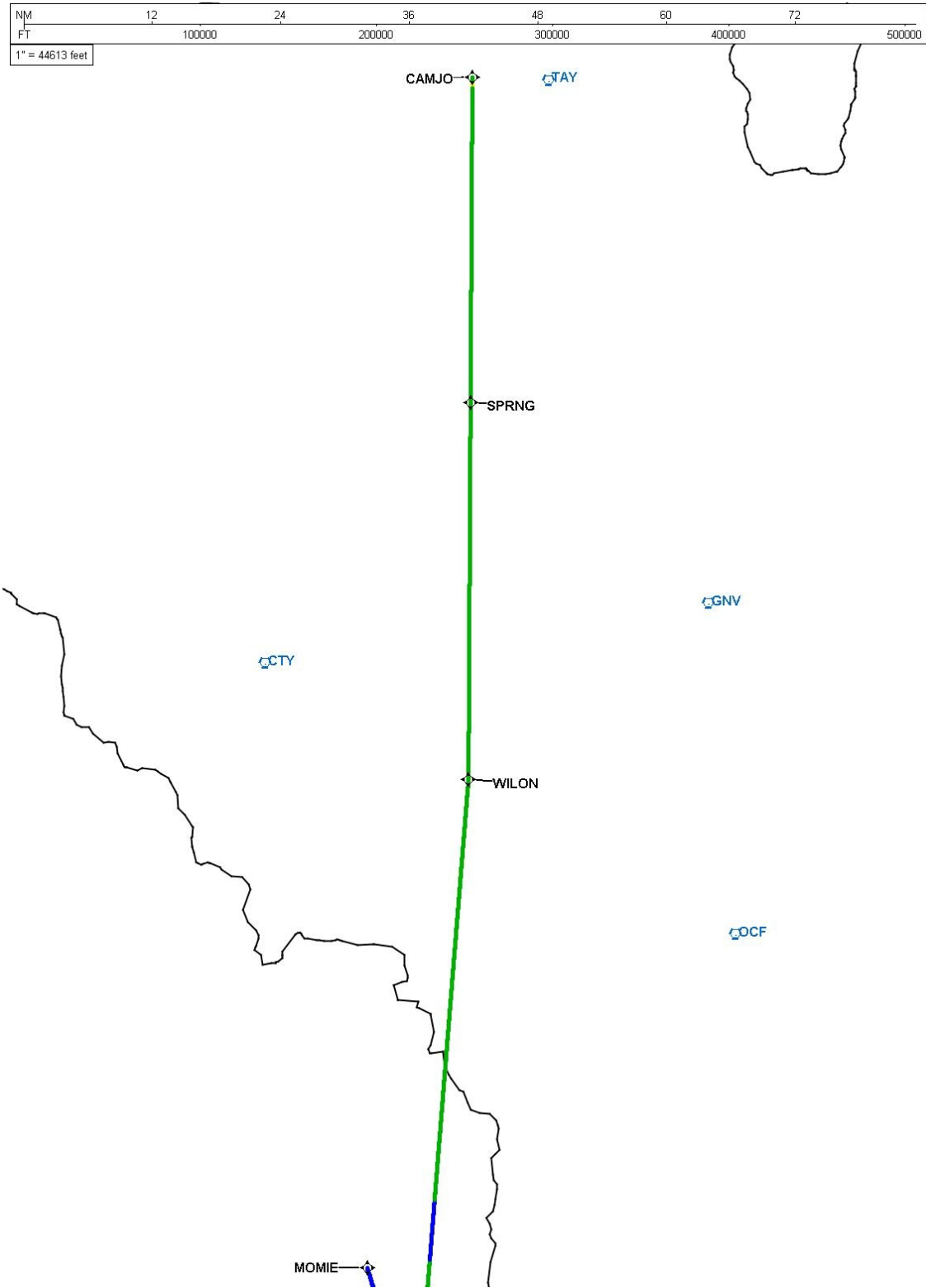
DME DME Assessment Results for TIDES1 path PSTOL_FROOT

Graphic Depiction 3



DME DME Assessment Results for TIDES1 path PSTOL_FROOT

Graphic Depiction 4



DME DME Assessment Results for TIDES1 path TIDES_CIGAR

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Mark J-CTR Dillon
Project File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\KSRQ TIDES1 (RNAV) SID 230605.tgs
Output File:	C:\Users\mark j-ctr dillon\Documents\TARGETS PROJECTS\SRQ\KSRQ KVNC TIDES1\DME\KSRQ [IFPA] TIDES1 20230605_1402 EDT\TIDES_CIGAR\KSRQ TIDES1 SID TIDES CIGAR 20230605_1402 EDT.pdf
Procedure Name:	TIDES1
Software: DmeDmePlugin:	7.1.0
Date/Time:	06/05/2023 14:02 EDT
Databases:	DTED 0 MAX

Failures

No Failures

Warnings

GNSS_ONLY PSTOL CIGAR is GNSS Only and was not evaluated

Informational

GNSS_ONLY PSTOL CIGAR is GNSS Only and was not evaluated

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
TIDES	WP	N27° 28' 05.61", W082° 47' 36.90"	5000	VNAV	250	FLY_BY	TF
GOLTY	WP	N27° 31' 55.38", W083° 01' 21.99"	8000	VNAV	250	FLY_BY	TF
PSTOL	WP	N27° 33' 29.00", W084° 09' 55.00"	14000	VNAV	250	FLY_BY	TF
CIGAR	WP	N27° 29' 36.61", W084° 46' 59.51"	18000	VNAV	250	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KSRQ [IFPA]
Climb Gradient:	None assigned
Speeds:	130 at the Runway DER
	145 at the end of the VA or VI leg
	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME DME Assessment Results for TIDES1 path TIDES_CIGAR

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:	Enabled
Disabled DMEs:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.31", W082° 00' 50.06"	1.0 E	130	H	IFPA	NO	Enabled	22.5 %	22.5 %
2	SRQ	N27° 24' 25.26", W082° 33' 49.18"	5.0 W	130	DH	IFPA	NO	Enabled	43.3 %	43.3 %
3	PIE	N27° 54' 27.95", W082° 41' 03.51"	5.0 W	130	H	IFPA	NO	Enabled	32.9 %	32.9 %
4	OCF	N29° 10' 38.92", W082° 13' 34.80"	0.0 E	40	L	IFPA	NO	Enabled	17.7 %	17.7 %
5	MCF	N27° 51' 40.18", W082° 30' 48.64"	6.0 W	40	L	IFPA	NO	Enabled	5.9 %	5.9 %
6	RSW	N26° 31' 47.59", W081° 46' 32.77"	2.0 W	40	L	IFPA	NO	Enabled	22.5 %	22.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SRQ	PIE	MCF	LAL		
6.4	SRQ	PIE	LAL			
8.3	SRQ	PIE				
11.6	SRQ	PIE	LAL			
12.8	SRQ	PIE	RSW	LAL		
25.0	LAL	RSW	SRQ			
27.4	LAL	SRQ				
27.5						
33.2	OCF	SRQ				
42.6	OCF	SRQ	PIE			
43.3	OCF	SRQ	RSW	PIE		
52.1	RSW	PIE				
52.9						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N27° 32' 21.08", W083° 17' 54.93"	N27° 32' 30.38", W083° 24' 14.34"	5.6232

DME DME Assessment Results for TIDES1 path TIDES_CIGAR

Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List	Suggested DMEs
TIDES	GOLTY	MCF, SRQ, LAL, RSW, PIE	
GOLTY	PSTOL	SRQ, OCF, LAL, RSW, PIE	
PSTOL	CIGAR		

User Data Files

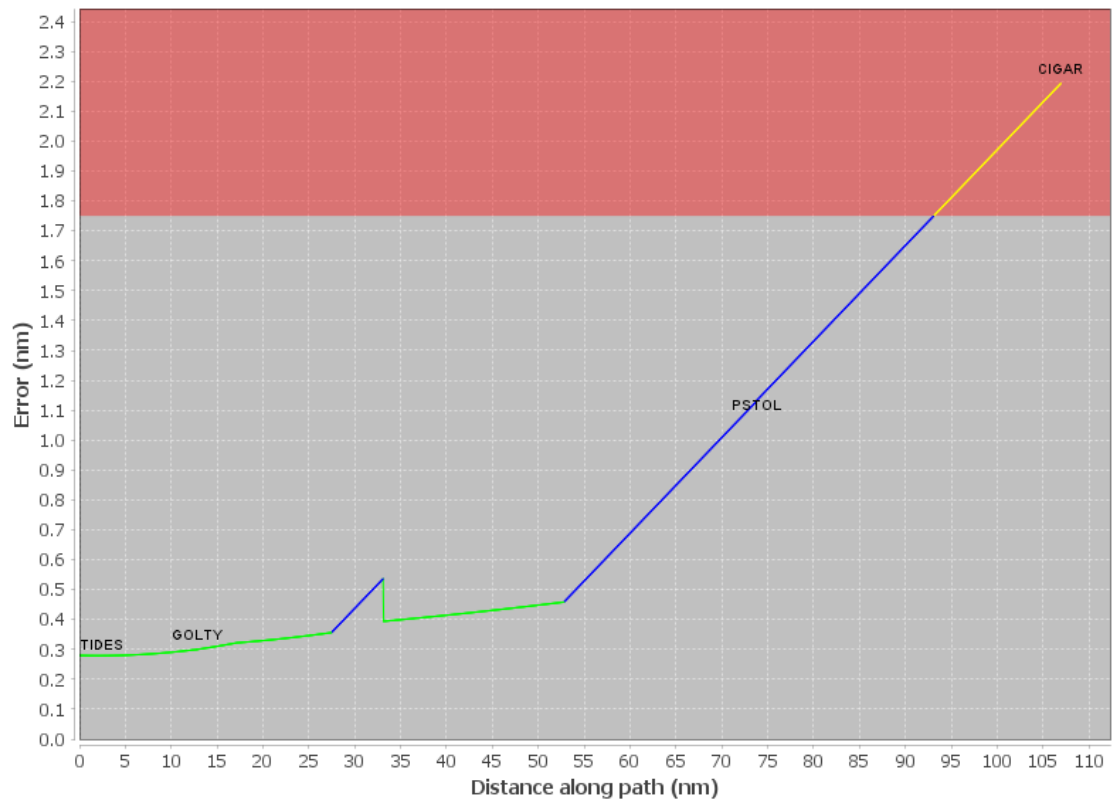
#	File Name
1	LAL.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
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ESV:		Bearing [True]: 167.0° to 227.0° Bearing [Mag]: 170.0° to 230.0°				Arc Distance: Out to 100.0 NM Altitude: 10000.0 to 18000.0 ft		
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ESV:		Bearing [True]: 200.0° to 271.0° Bearing [Mag]: 200.0° to 271.0°				Arc Distance: Out to 93.0 NM Altitude: 5500.0 to 18000.0 ft		
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ESV:		Bearing [True]: 276.0° to 326.0° Bearing [Mag]: 275.0° to 325.0°				Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 ft		
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ESV:		Bearing [True]: 298.0° to 318.0° Bearing [Mag]: 300.0° to 320.0°				Arc Distance: Out to 125.0 NM Altitude: 11000.0 to 18000.0 ft		
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ESV:		Bearing [True]: 242.0° to 268.0° Bearing [Mag]: 247.0° to 273.0°				Arc Distance: Out to 85.0 NM Altitude: 6000.0 to 21000.0 ft		

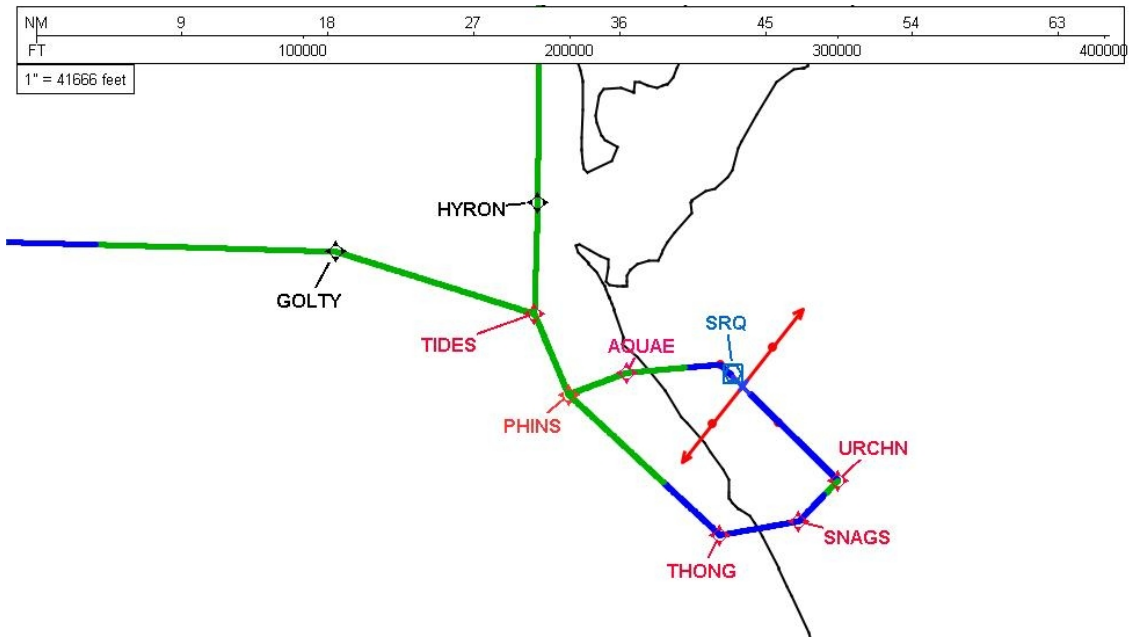
DME DME Assessment Results for TIDES1 path TIDES_CIGAR

DME Error



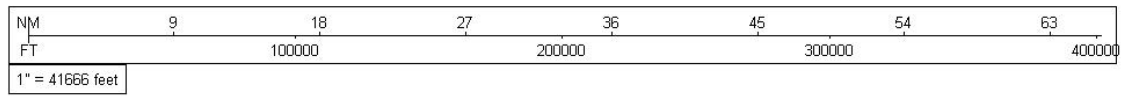
DME DME Assessment Results for TIDES1 path TIDES_CIGAR

Graphic Depiction 1



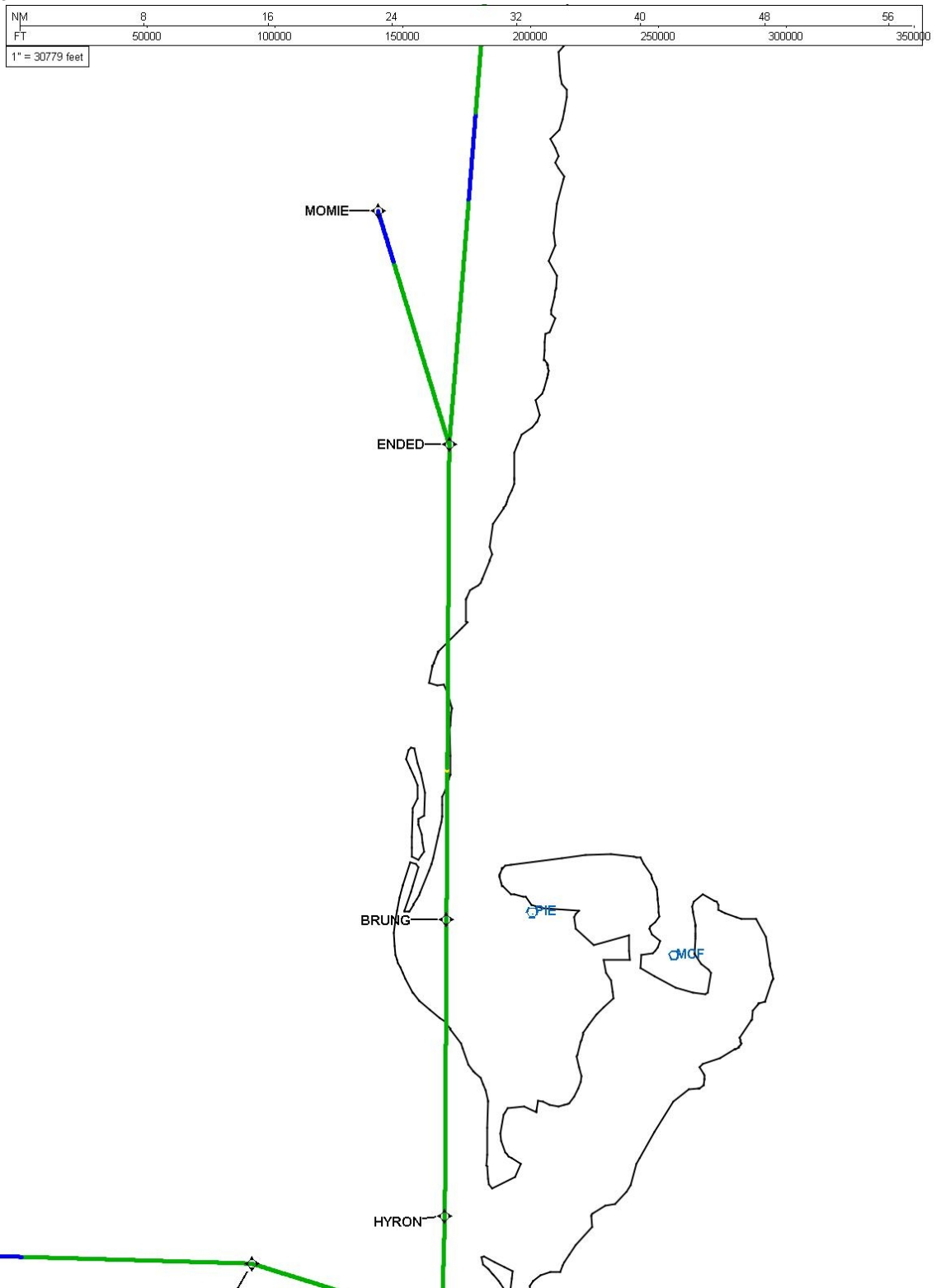
DME DME Assessment Results for TIDES1 path TIDES_CIGAR

Graphic Depiction 2



DME DME Assessment Results for TIDES1 path TIDES_CIGAR

Graphic Depiction 3



DME DME Assessment Results for TIDES1 path TIDES_CIGAR

Graphic Depiction 4

