

DME DME Assessment Results for ALTNN1 path KMIA:RW08L:DER_CSALT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW08L-DER_CSALT\KMIA ALTNN1 SID KMIA RW08L CSALT 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW08L:DER	WP	N25° 48' 14.320", W080° 16' 31.550"	8.8	VNAV	130	FLY_OVER	TF
CSALT	WP	N25° 48' 23.360", W080° 09' 38.320"	1496	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW08L:DER_CSALT

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	56.5 %	52.7 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	55.8 %	52.4 %
3	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	58.5 %	54.7 %
4	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
5	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
6	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.3	VKZ	DHP				
0.4	VKZ	FLL	DHP			
3.6	FLL	DHP				
3.7						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 48' 14.417", W080° 16' 29.208"	N25° 48' 15.093", W080° 16' 12.818"	0.2468
2	N25° 48' 20.389", W080° 12' 24.293"	N25° 48' 23.360", W080° 09' 38.320"	2.4969

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW08L:DER	CSALT	VKZ, FLL, DHP

DME DME Assessment Results for ALTNN1 path KMIA:RW08L:DER_CSALT

User Data Files

#	File Name
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None

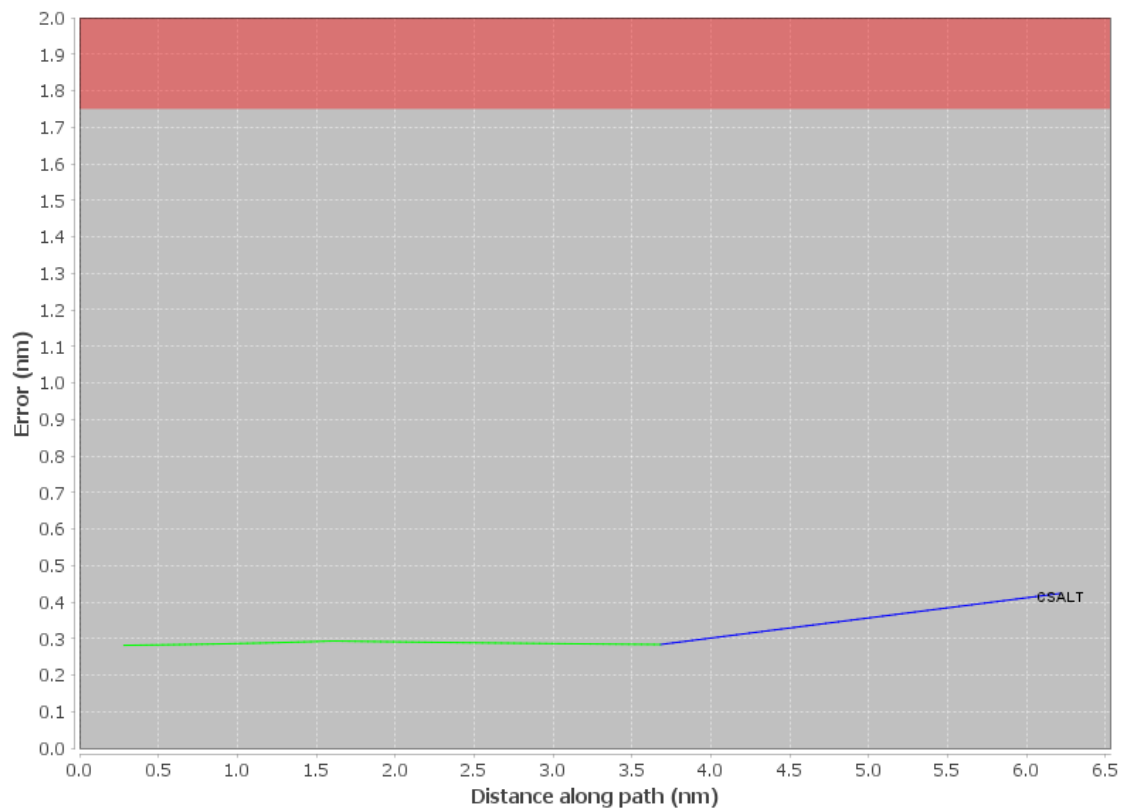
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
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None

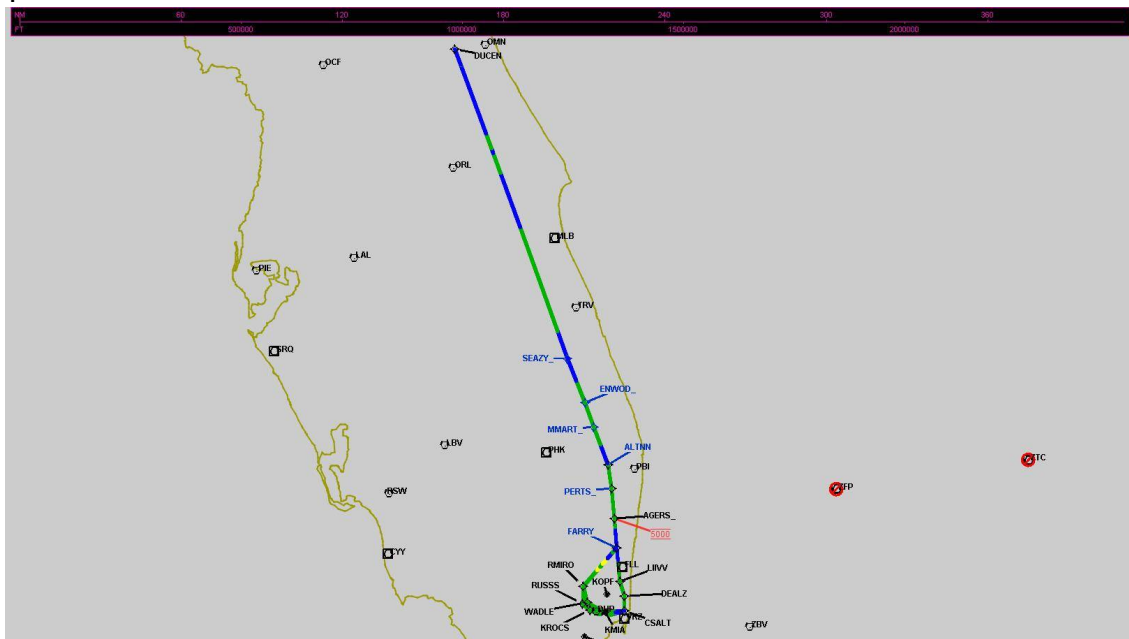
DME DME Assessment Results for ALTNN1 path KMIA:RW08L:DER_CSALT

DME Error



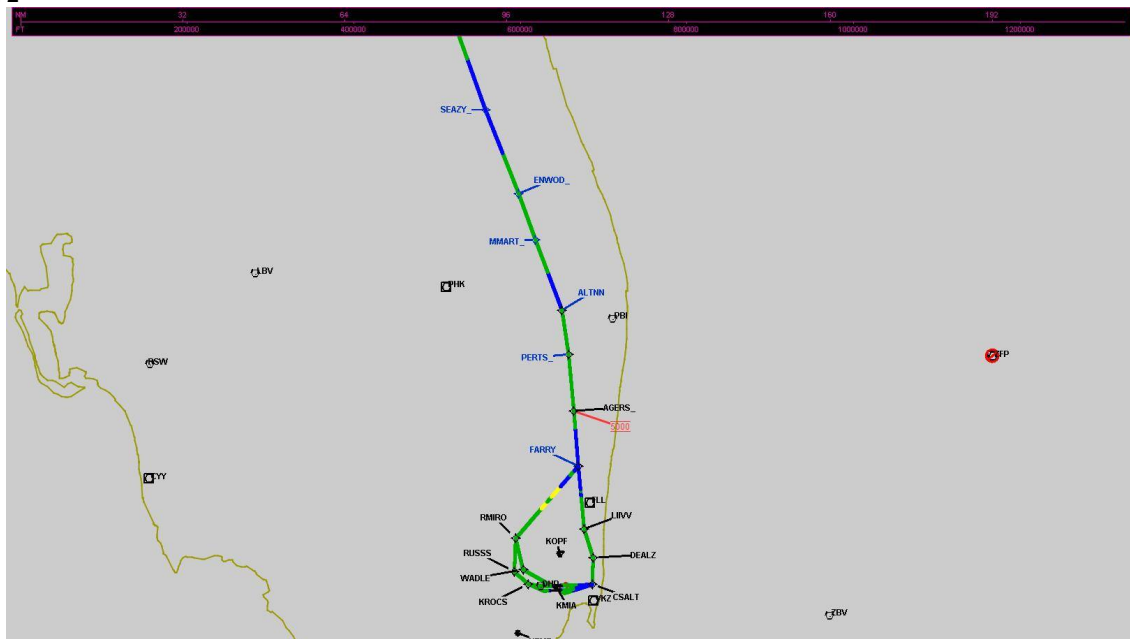
DME DME Assessment Results for ALTNN1 path KMIA:RW08L:DER_CSALT

Graphic Depiction 1



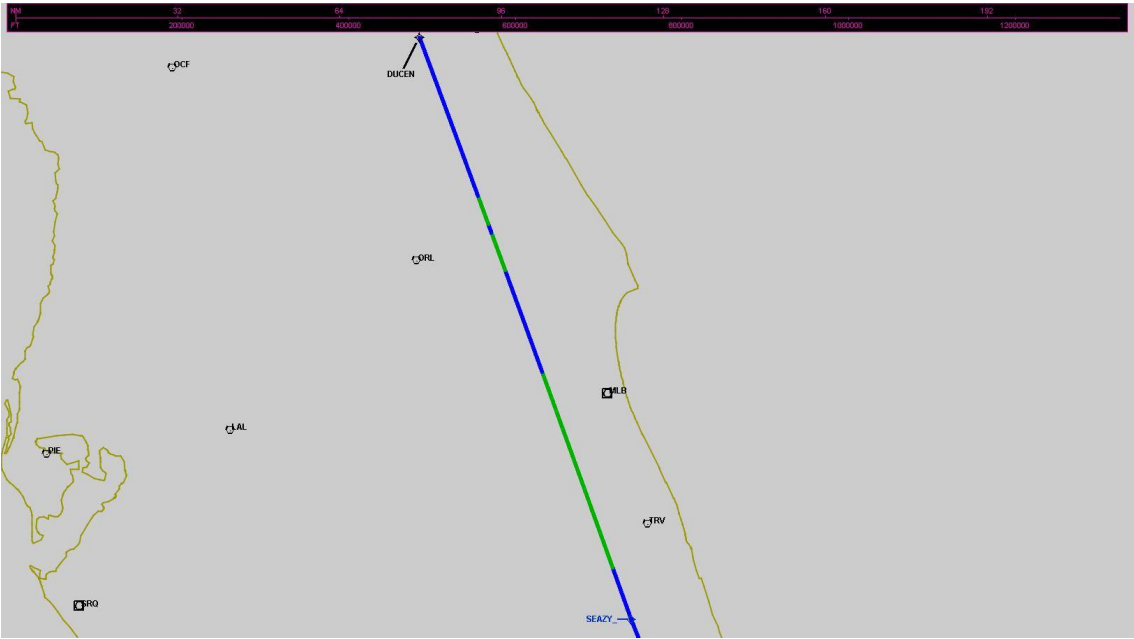
DME DME Assessment Results for ALTNN1 path KMIA:RW08L:DER_CSALT

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW08L:DER_CSALT

Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW08R:DER_CSALT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW08R-DER_CSALT\KMIA ALTNN1 SID KMIA RW08R CSALT 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW08R:DER	WP	N25° 48' 07.265", W080° 16' 10.328"	8.9	VNAV	130	FLY_OVER	TF
CSALT	WP	N25° 48' 23.360", W080° 09' 38.320"	1496	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW08R:DER_CSALT

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	49.4 %	46.1 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	51.5 %	48.1 %
3	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	48.1 %	45.1 %
4	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
5	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
6	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

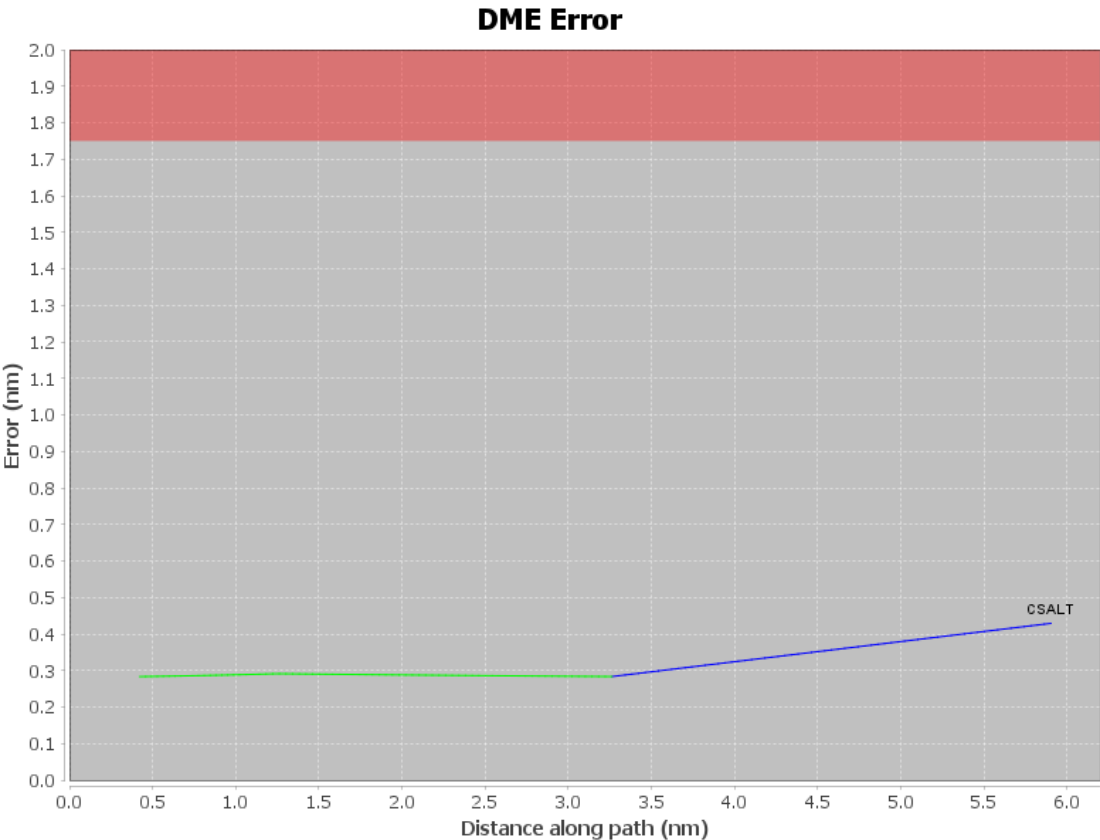
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.4	VKZ	FLL				
0.6	VKZ	FLL	DHP			
3.2	FLL	DHP				
3.3						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 48' 07.362", W080° 16' 07.987"	N25° 48' 08.423", W080° 15' 42.237"	0.3877
2	N25° 48' 16.299", W080° 12' 31.010"	N25° 48' 23.360", W080° 09' 38.320"	2.6001

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW08R:DER	CSALT	VKZ, FLL, DHP

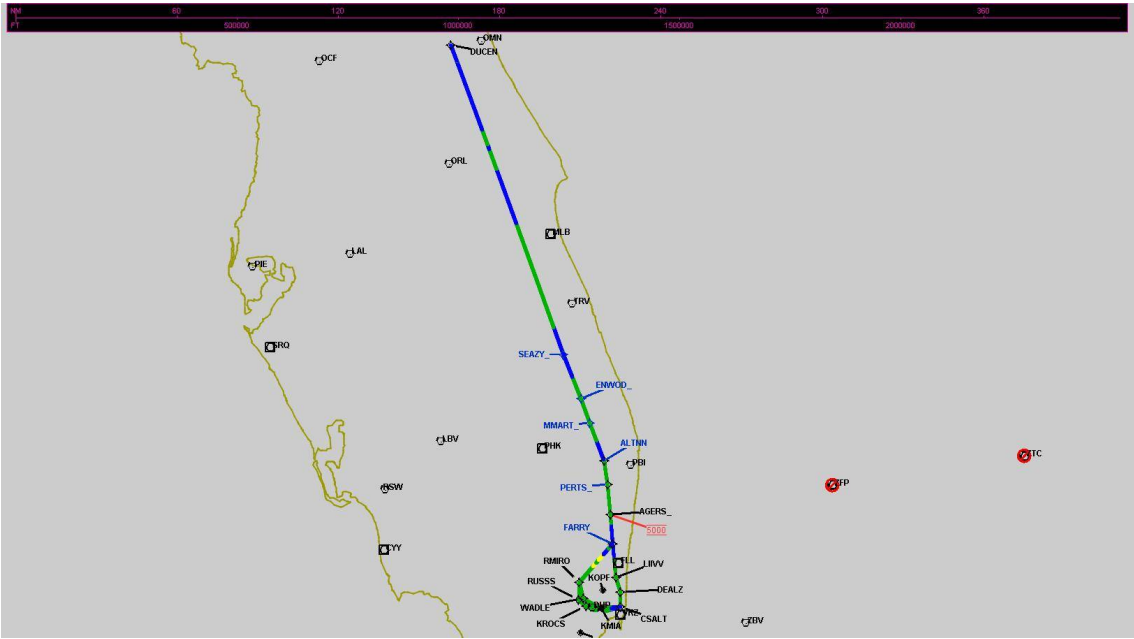
DME DME Assessment Results for ALTNN1 path KMIA:RW08R:DER_CSALT

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								



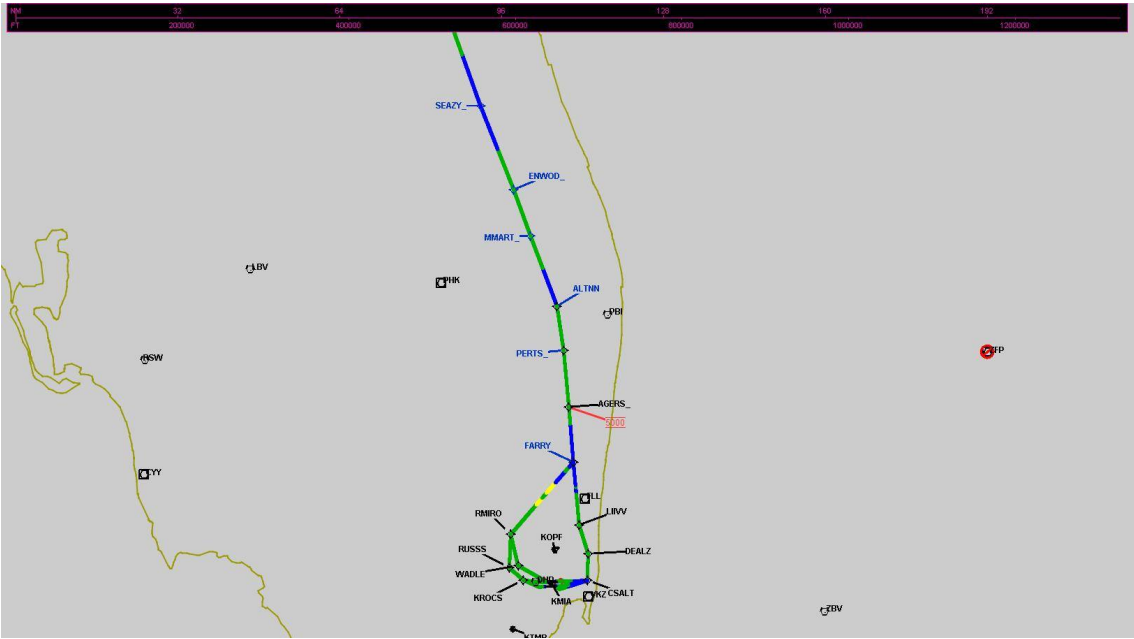
DME DME Assessment Results for ALTNN1 path KMIA:RW08R:DER_CSALT

Graphic Depiction 1



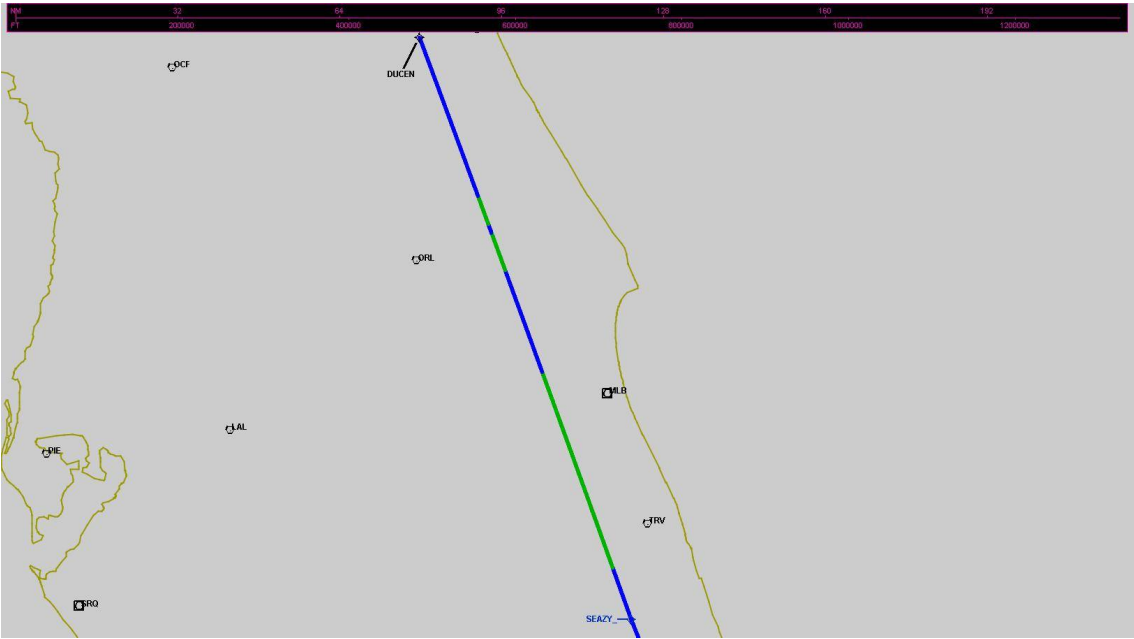
DME DME Assessment Results for ALTNN1 path KMIA:RW08R:DER_CSALT

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW08R:DER_CSALT

Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW12:DER_CSALT

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW12-DER_CSALT\KMIA ALTNN1 SID KMIA RW12 CSALT 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW12:DER	WP	N25° 47' 11.822", W080° 16' 39.081"	8.8	VNAV	130	FLY_BY	TF
CSALT	WP	N25° 48' 23.360", W080° 09' 38.320"	1496	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW12:DER_CSALT

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	36.3 %	34.2 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	36.3 %	34.2 %
3	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	36.3 %	34.2 %
4	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
5	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
6	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.5	VKZ	FLL	DHP			
2.8						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 47' 10.779", W080° 16' 37.040"	N25° 46' 57.209", W080° 16' 10.517"	0.4583
2	N25° 47' 13.825", W080° 13' 45.314"	N25° 48' 23.360", W080° 09' 38.320"	3.8908

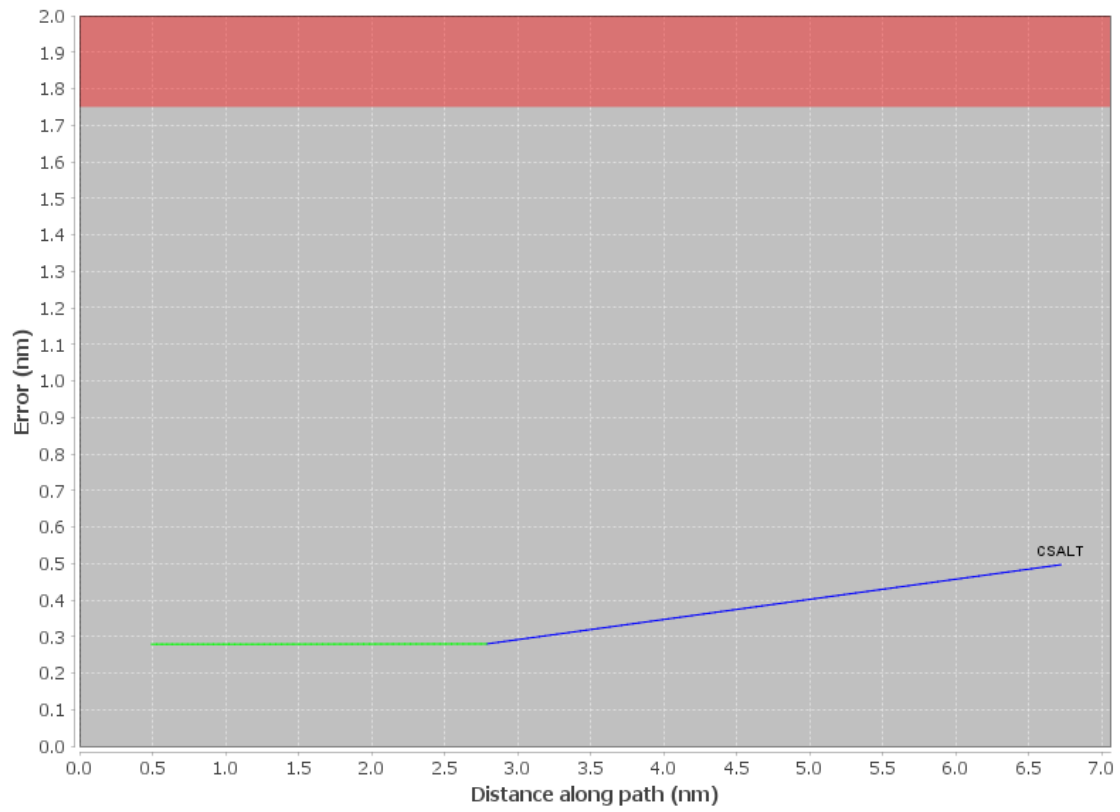
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW12:DER	CSALT	VKZ, FLL, DHP

DME DME Assessment Results for ALTNN1 path KMIA:RW12:DER_CSALT

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

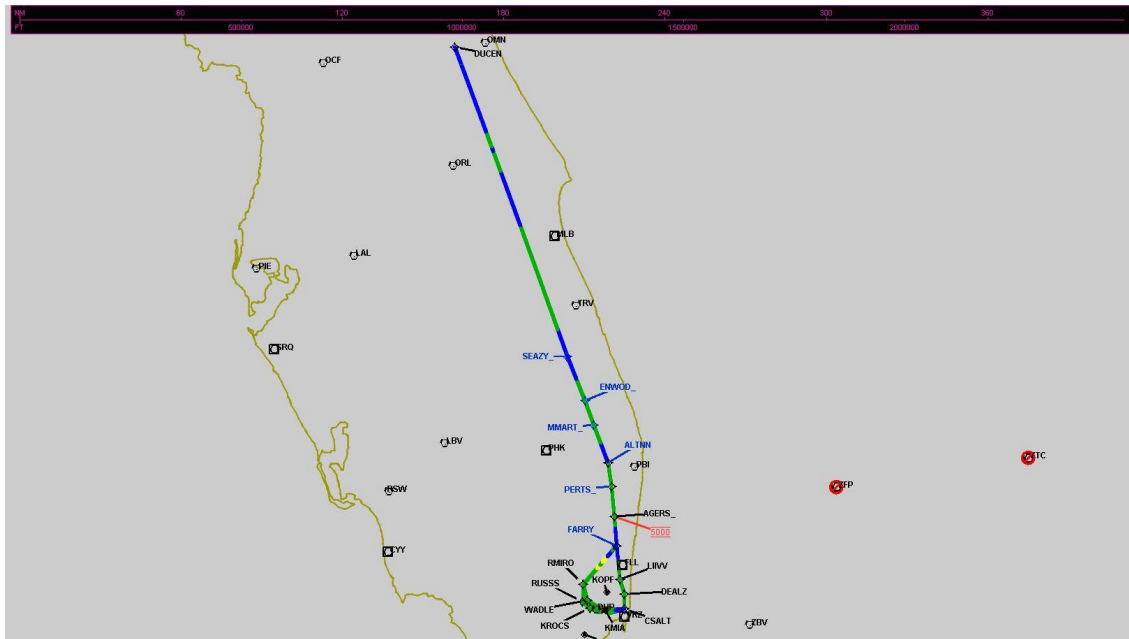
DME DME Assessment Results for ALTNN1 path KMIA:RW12:DER_CSALT

DME Error



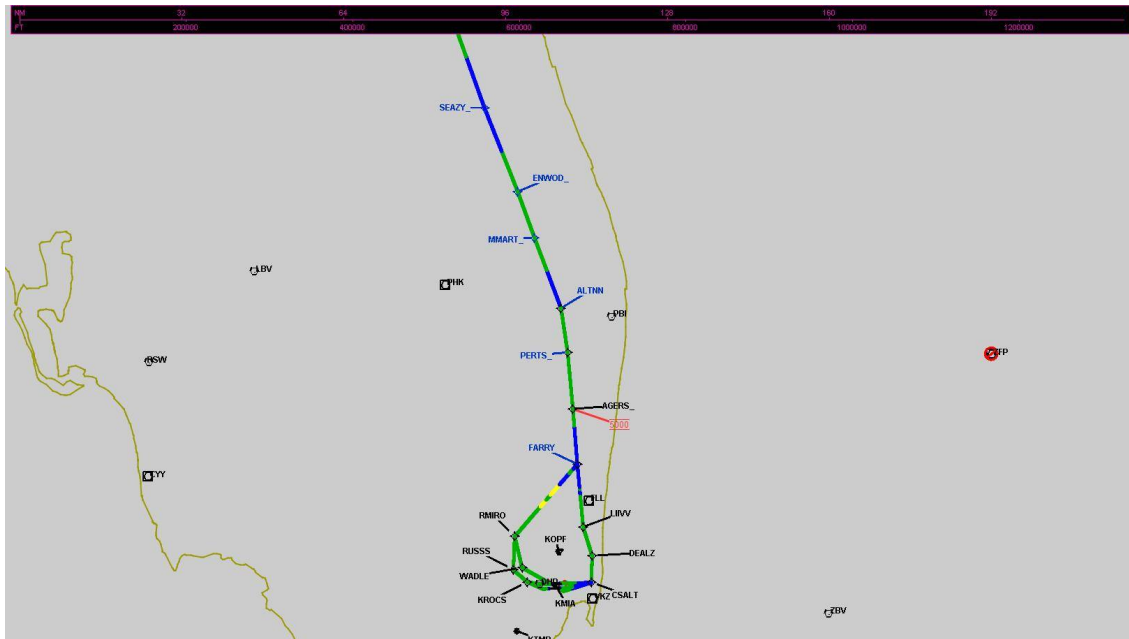
DME DME Assessment Results for ALTNN1 path KMIA:RW12:DER_CSALT

Graphic Depiction 1

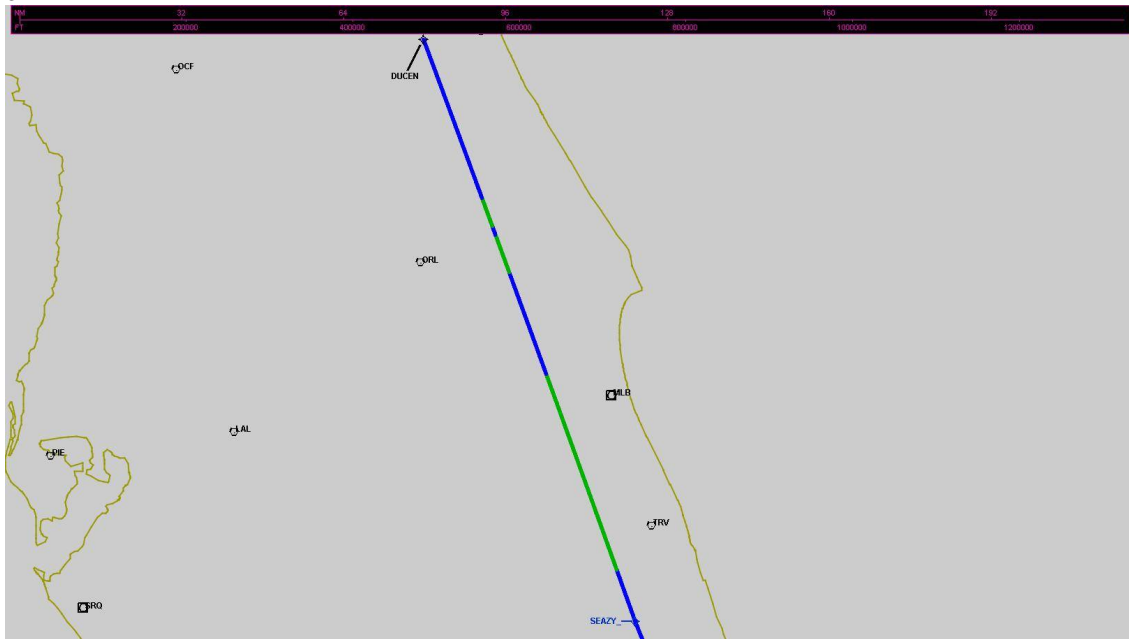


DME DME Assessment Results for ALTNN1 path KMIA:RW12:DER_CSALT

Graphic Depiction 2



Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW09-DER_DUCEN\KMIA ALTNN1 SID KMIA RW09 DUCEN 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW09:DER	WP	N25° 47' 15.833", W080° 16' 31.171"	8.9	VNAV	130	FLY_BY	TF
CSALT	WP	N25° 48' 23.360", W080° 09' 38.320"	1496	VNAV	200	FLY_BY	TF
DEALZ	WP	N25° 53' 38.460", W080° 09' 26.380"	2543.8	VNAV	200	FLY_BY	TF
LIIVV	WP	N25° 59' 17.910", W080° 11' 24.520"	3726.5	VNAV	200	FLY_BY	TF
FARRY	WP	N26° 11' 44.110", W080° 12' 41.496"	5000	VNAV	200	FLY_BY	TF
AGERS_	WP	N26° 22' 36.231", W080° 13' 39.927"	5000	VNAV	200	FLY_BY	TF
PERTS_	WP	N26° 33' 42.484", W080° 14' 48.441"	5000	VNAV	200	FLY_BY	TF
ALTNN	WP	N26° 42' 24.340", W080° 16' 15.270"	5000	VNAV	200	FLY_BY	TF
MMART_	WP	N26° 56' 21.716", W080° 22' 05.623"	5000	VNAV	200	FLY_BY	TF
ENWOD_	WP	N27° 05' 27.185", W080° 25' 45.638"	5000	VNAV	200	FLY_BY	TF
SEAZY_	WP	N27° 21' 53.918", W080° 33' 01.701"	5000	VNAV	200	FLY_BY	TF
DUCEN	WP	N29° 16' 33.830", W081° 19' 23.240"	5000	VNAV	200	FLY_BY	TF

Climb Gradient:
500.0 ft/NM up to 520.0 ft MSL
200.0 ft/NM

DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Flyability	
Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	PHK	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	H	IFPA	NO	Enabled	21.6 %	21.8 %
2	TRV	N27° 40' 42.326", W080° 29' 23.012"	7.0 W	130	H	IFPA	NO	Enabled	19.7 %	19.8 %
3	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled	2.6 %	2.6 %
4	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	9.5 %	9.1 %
5	MLB	N28° 06' 19.120", W080° 38' 06.460"	7.0 W	130	H	IFPA	NO	Enabled	21.5 %	21.7 %
6	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	9.7 %	9.4 %
7	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	12.2 %	11.9 %
8	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	21.7 %	21.9 %
9	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	6.7 %	6.7 %
10	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
11	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
12	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.5	VKZ	FLL				
0.6	VKZ	FLL	DHP			
2.9	VKZ	DHP				
3.0						
6.4	VKZ	DHP				
8.9	VKZ	DHP	FLL			
11.5	VKZ	DHP				
11.6	FLL	DHP	VKZ			
12.7	VKZ	DHP				
19.2	VKZ	DHP	FLL			
20.0	VKZ	DHP				
23.5						
24.9	FLL	PBI	VKZ			
25.2	VKZ	FLL				
25.3						
37.5	PHK	PBI	DHP			
42.4	PHK	PBI	DHP	VKZ		
42.9	PHK	PBI	DHP			
44.6	PHK	PBI				
47.3	PHK	PBI	FLL			
61.3						
68.6	PHK	PBI				
81.7	PHK	PBI	TRV			
85.4	PHK	PBI				
93.7						
113.4	TRV	MLB				
148.3	TRV	MLB	ORL			
149.9	TRV	MLB				
154.3						
175.5	ORL	MLB				
183.4						
185.1	OMN	ORL				
191.0						
218.0	OMN	ORL				
218.1						

Inertial Drift Segments				
#	Start Location	End Location	Length [NM]	
1	N25° 47' 15.929", W080° 16' 28.830"	N25° 47' 17.088", W080° 16' 00.742"	0.423	
2	N25° 47' 40.059", W080° 13' 11.915"	N25° 48' 23.360", W080° 09' 38.320"	3.2857	
3	N26° 05' 20.589", W080° 12' 01.899"	N26° 06' 43.246", W080° 12' 10.427"	1.3795	
4	N26° 07' 06.389", W080° 12' 12.815"	N26° 19' 16.605", W080° 13' 22.021"	12.1929	
5	N26° 42' 58.715", W080° 16' 29.622"	N26° 49' 51.182", W080° 19' 22.034"	7.3212	
6	N27° 13' 21.986", W080° 29' 15.175"	N27° 31' 55.464", W080° 37' 00.721"	19.7766	
7	N28° 10' 32.247", W080° 52' 28.594"	N28° 30' 33.929", W081° 00' 34.557"	21.2149	
8	N28° 37' 57.345", W081° 03' 34.703"	N28° 39' 37.968", W081° 04' 15.645"	1.7772	
9	N28° 45' 11.254", W081° 06' 31.423"	N29° 10' 38.792", W081° 16' 57.042"	26.9906	
10	N29° 10' 41.934", W081° 16' 58.334"	N29° 16' 33.830", W081° 19' 23.240"	6.2201	

DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Available DMEs by Waypoints

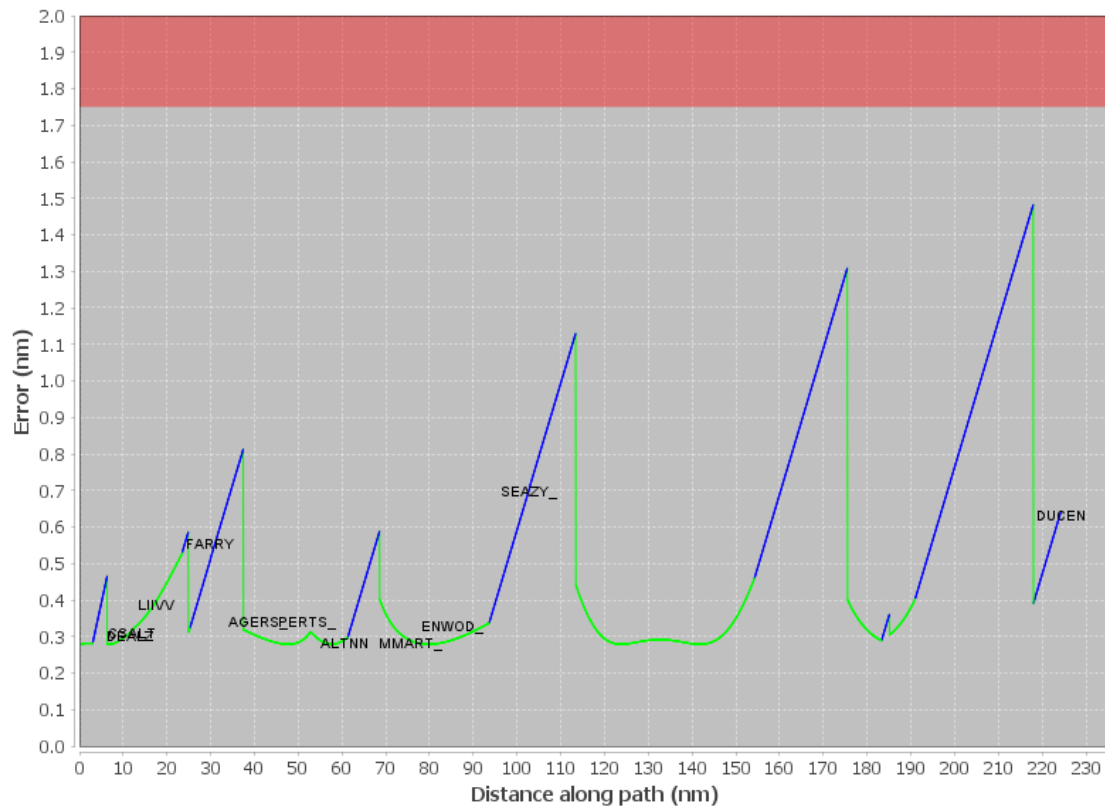
Waypoint Before	Waypoint After	DME List
KMIA:RW09:DER	CSALT	VKZ, FLL, DHP
CSALT	DEALZ	VKZ, FLL, DHP
DEALZ	LIIVV	VKZ, FLL, DHP
LIIVV	FARRY	VKZ, PBI, FLL, DHP
FARRY	AGERS_	PHK, PBI, DHP
AGERS_	PERTS_	PHK, VKZ, PBI, FLL, DHP
PERTS_	ALTNN	PHK, PBI, FLL
ALTNN	MMART_	PHK, PBI, FLL
MMART_	ENWOD_	PHK, PBI, TRV
ENWOD_	SEAZY_	PHK, PBI, TRV
SEAZY_	DUCEN	OMN, MLB, ORL, TRV

User Data Files

#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

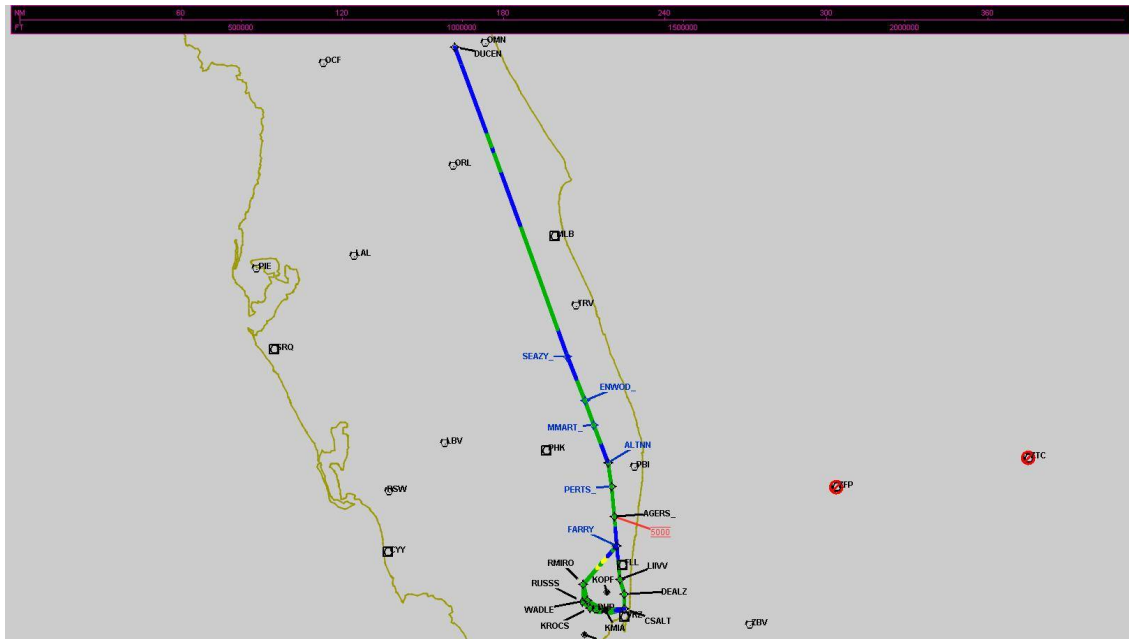
DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

DME Error



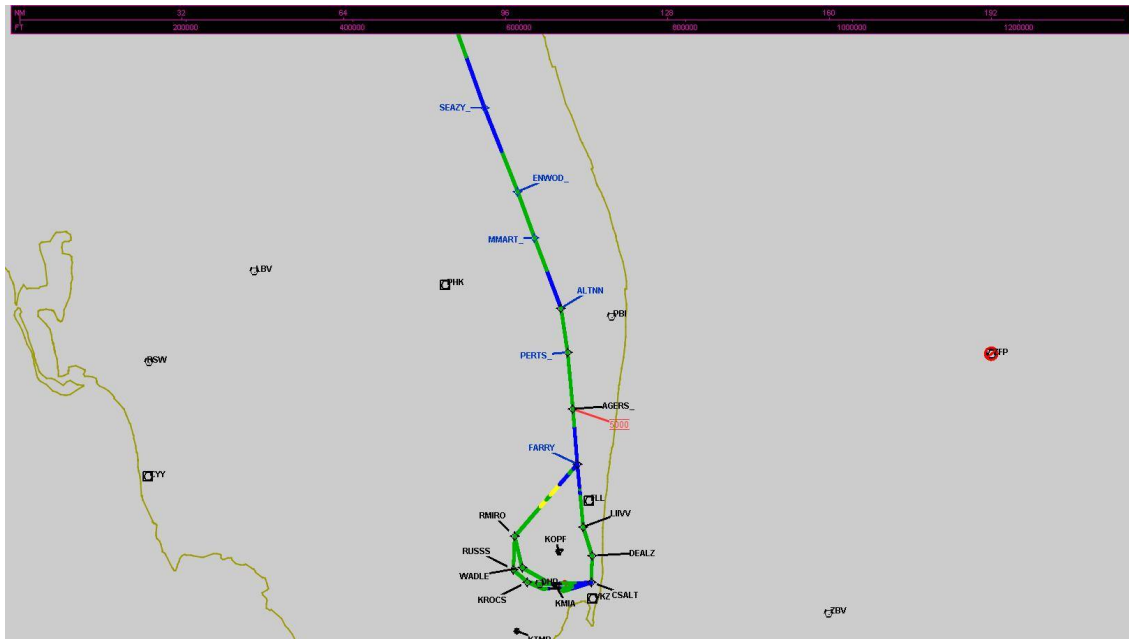
DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Graphic Depiction 1



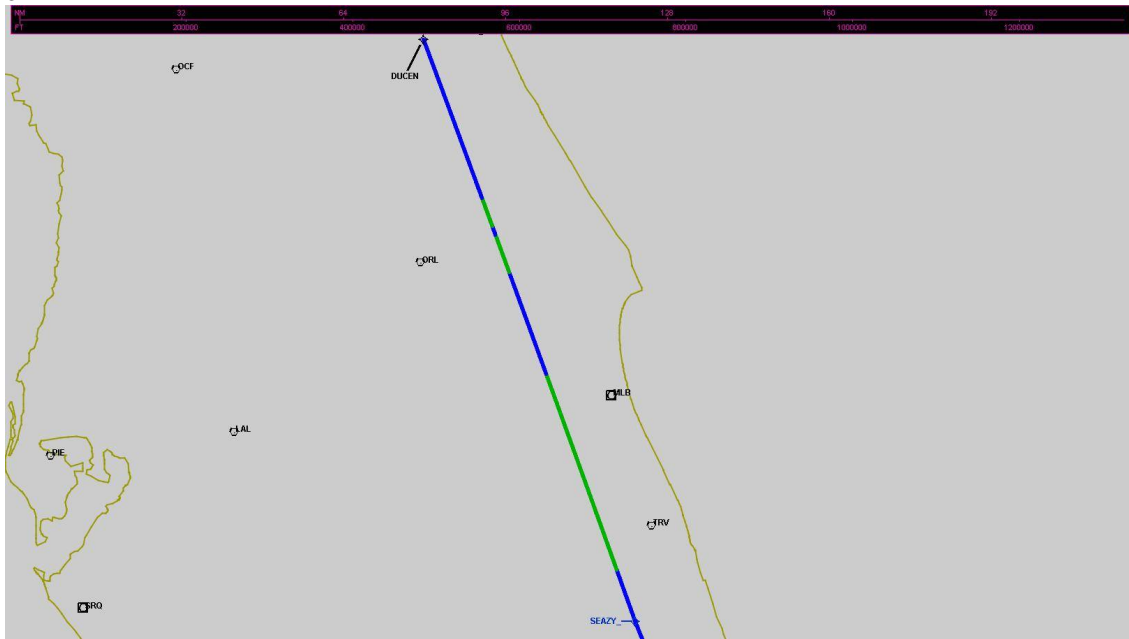
DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW09:DER_DUCEN

Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW26L:DER_FARRY

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW26L-DER_FARRY\KMIA ALTNN1 SID KMIA RW26L FARRY 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW26L:DER	WP	N25° 48' 02.518", W080° 18' 05.159"	8.5	VNAV	130	FLY_BY	TF
KROCS	WP	N25° 48' 28.480", W080° 23' 34.650"	1218.9	VNAV	200	FLY_BY	TF
RUSSS	WP	N25° 50' 51.860", W080° 26' 42.600"	1958.3	VNAV	200	FLY_BY	TF
RMIRO	WP	N25° 57' 28.320", W080° 26' 25.020"	2952.4	VNAV	200	FLY_BY	TF
FARRY	WP	N26° 11' 44.110", W080° 12' 41.496"	5000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW26L:DER_FARRY

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	82.8 %	82.8 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	85.7 %	85.9 %
3	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	67.2 %	70 %
4	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	15.9 %	16.5 %
5	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
6	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
7	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

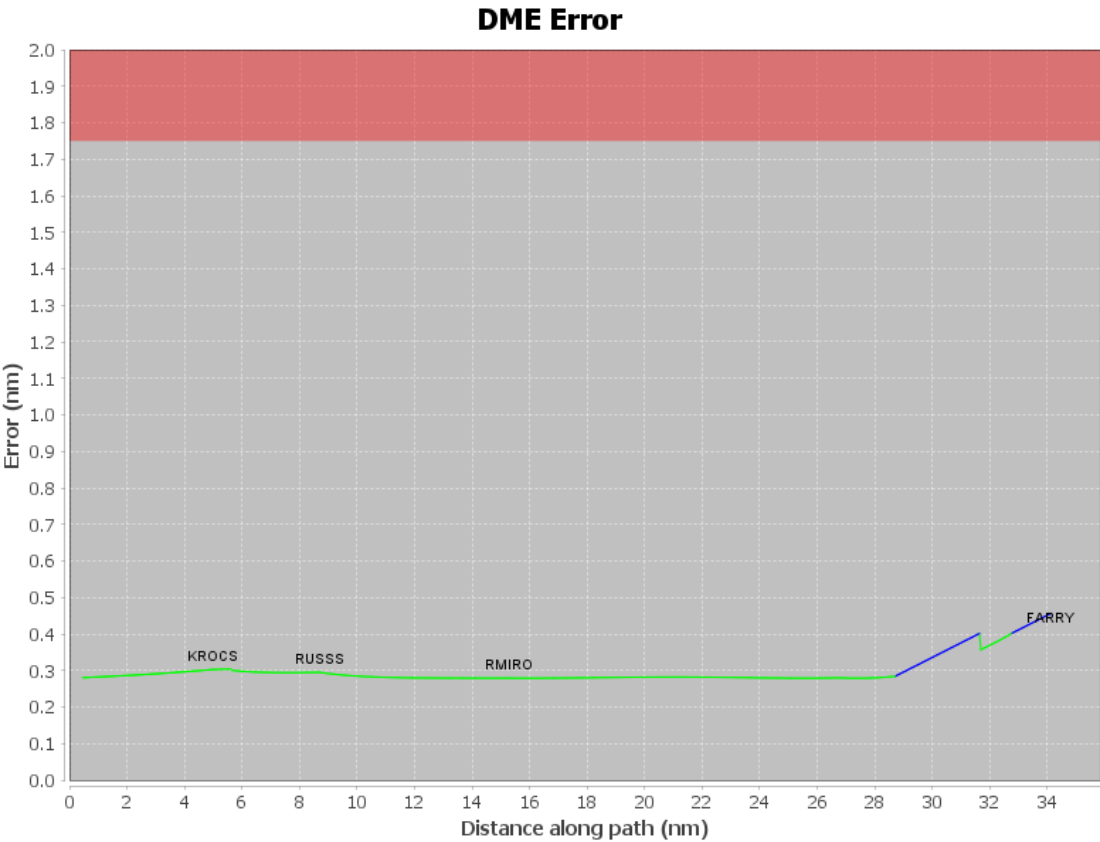
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.5	VKZ	FLL				
5.8	FLL	DHP	VKZ			
23.1	FLL	DHP	VKZ	PBI		
28.8						
31.7	FLL	DHP				
32.8						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 48' 02.421", W080° 18' 07.502"	N25° 48' 01.254", W080° 18' 35.614"	0.4233
2	N26° 07' 40.727", W080° 16' 36.172"	N26° 09' 53.723", W080° 14' 27.981"	2.9293
3	N26° 10' 43.902", W080° 13' 39.585"	N26° 11' 44.110", W080° 12' 41.496"	1.3265

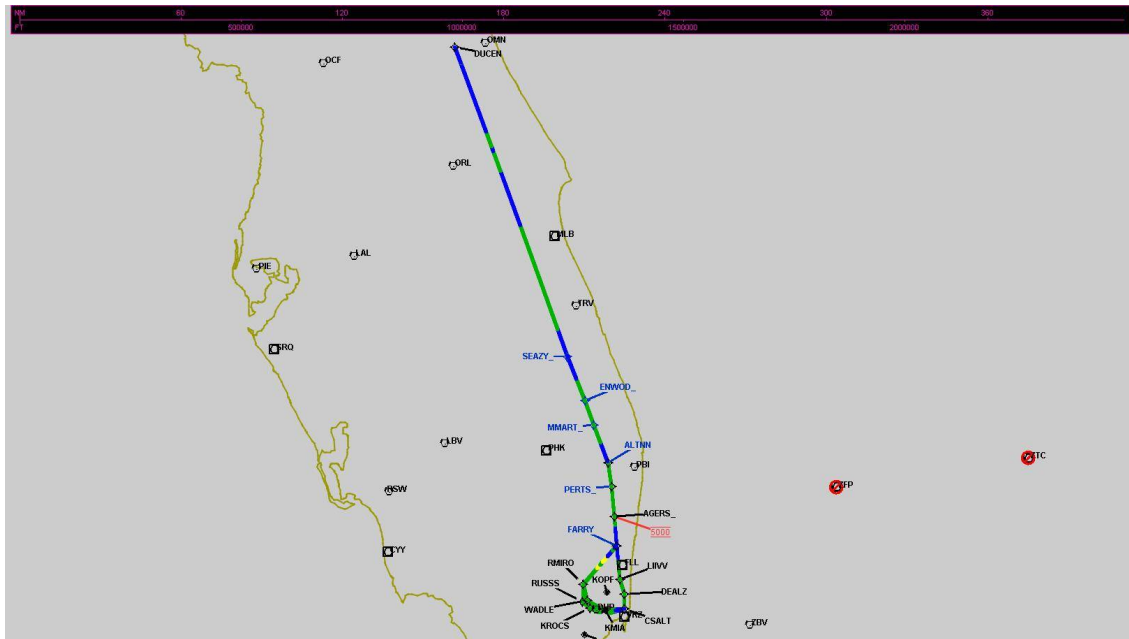
DME DME Assessment Results for ALTNN1 path KMIA:RW26L:DER_FARRY

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW26L:DER	KROCS	VKZ, FLL
KROCS	RUSSS	VKZ, FLL, DHP
RUSSS	RMIRO	VKZ, FLL, DHP
RMIRO	FARRY	VKZ, PBI, FLL, DHP

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

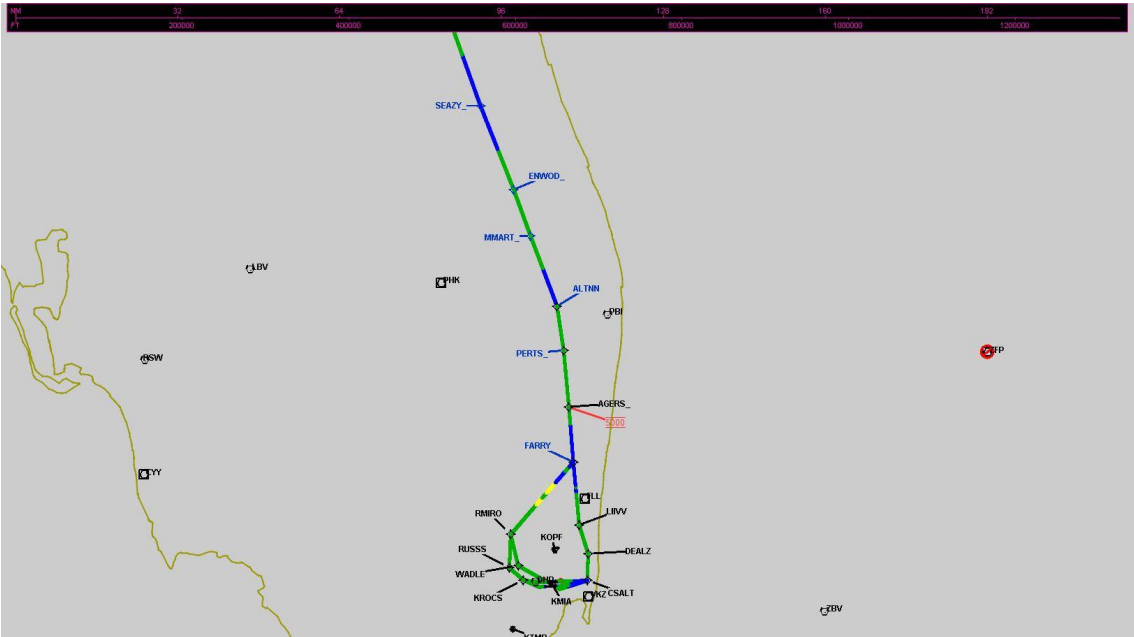


Graphic Depiction 1



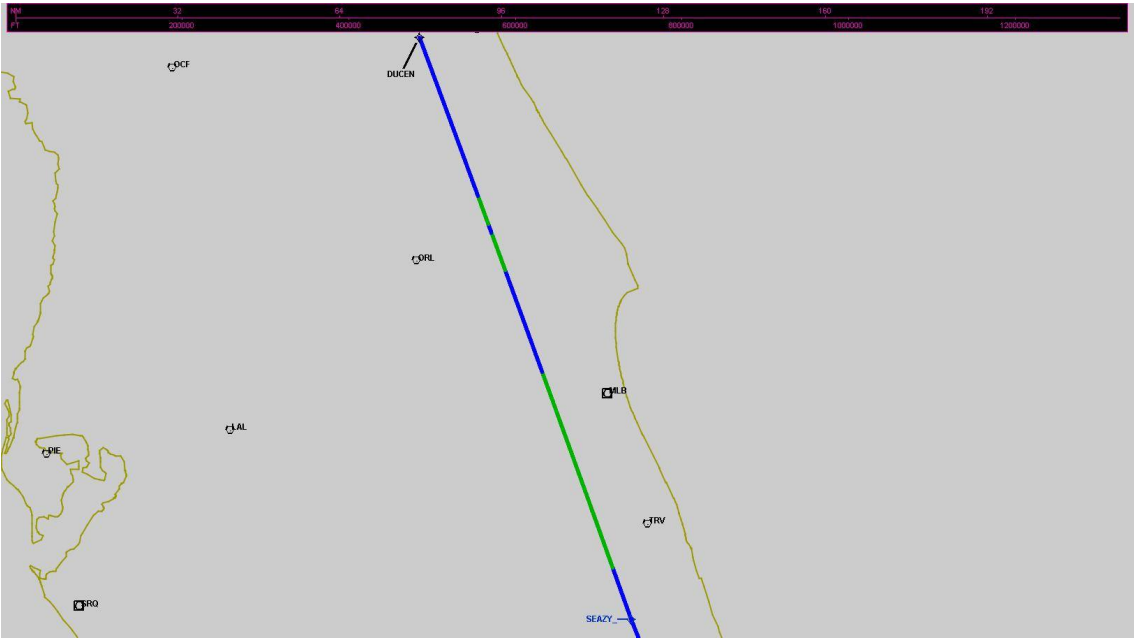
DME DME Assessment Results for ALTNN1 path KMIA:RW26L:DER_FARRY

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW26L:DER_FARRY

Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW26R:DER_KROCS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW26R-DER_KROCS\KMIA ALTNN1 SID KMIA RW26R KROCS 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW26R:DER	WP	N25° 48' 10.432", W080° 18' 05.551"	8.9	VNAV	130	FLY_BY	TF
KROCS	WP	N25° 48' 28.480", W080° 23' 34.650"	1218.9	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW26R:DER_KROCS

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

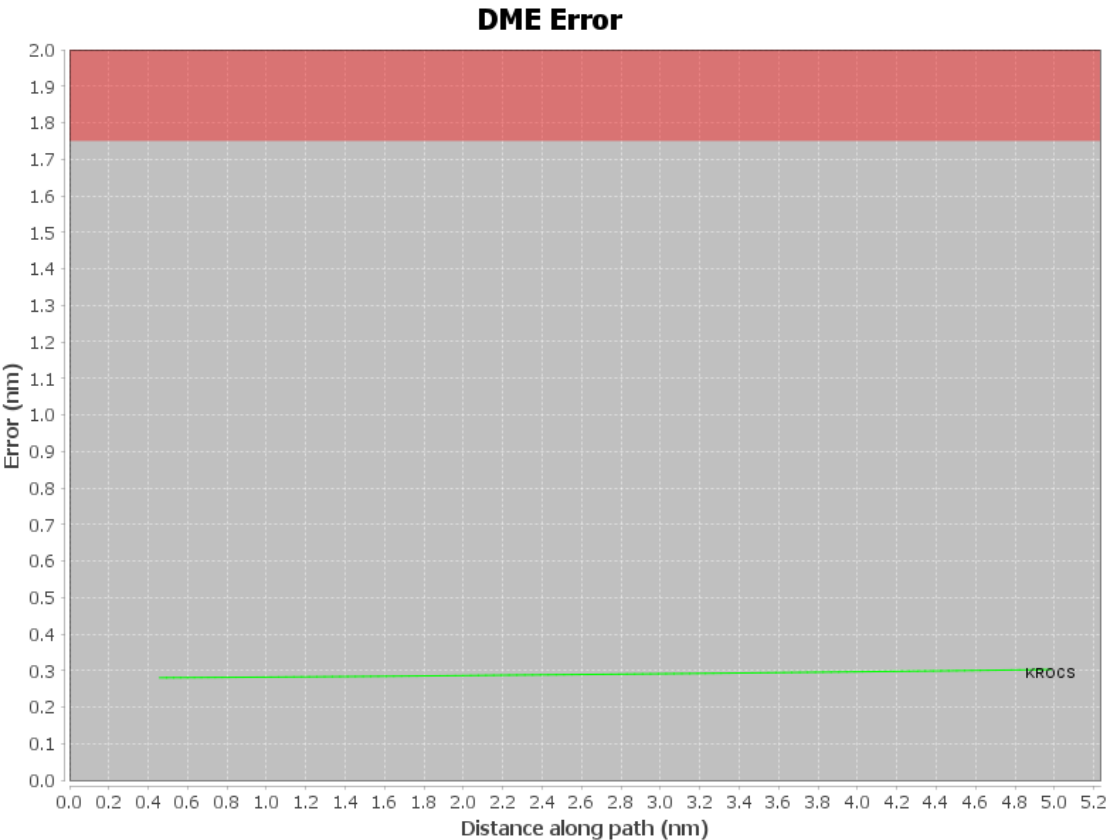
DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	89 %	90.8 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	89 %	90.8 %
3	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
4	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
5	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

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

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 48' 10.335", W080° 18' 07.892"	N25° 48' 09.170", W080° 18' 35.983"	0.423

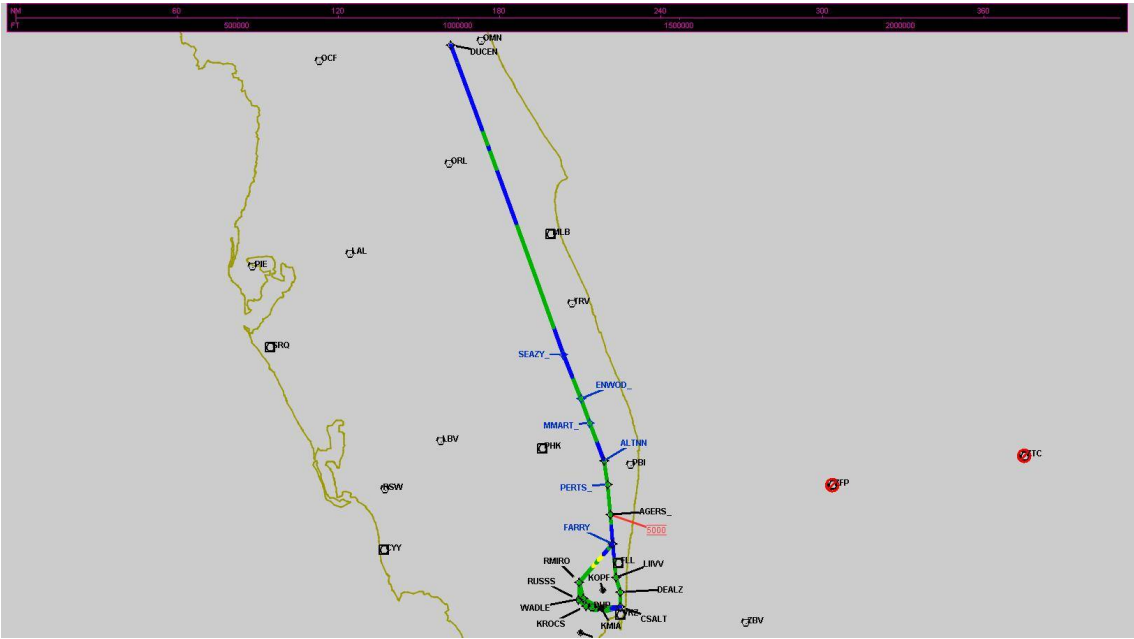
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW26R:DER	KROCS	VKZ, FLL

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								



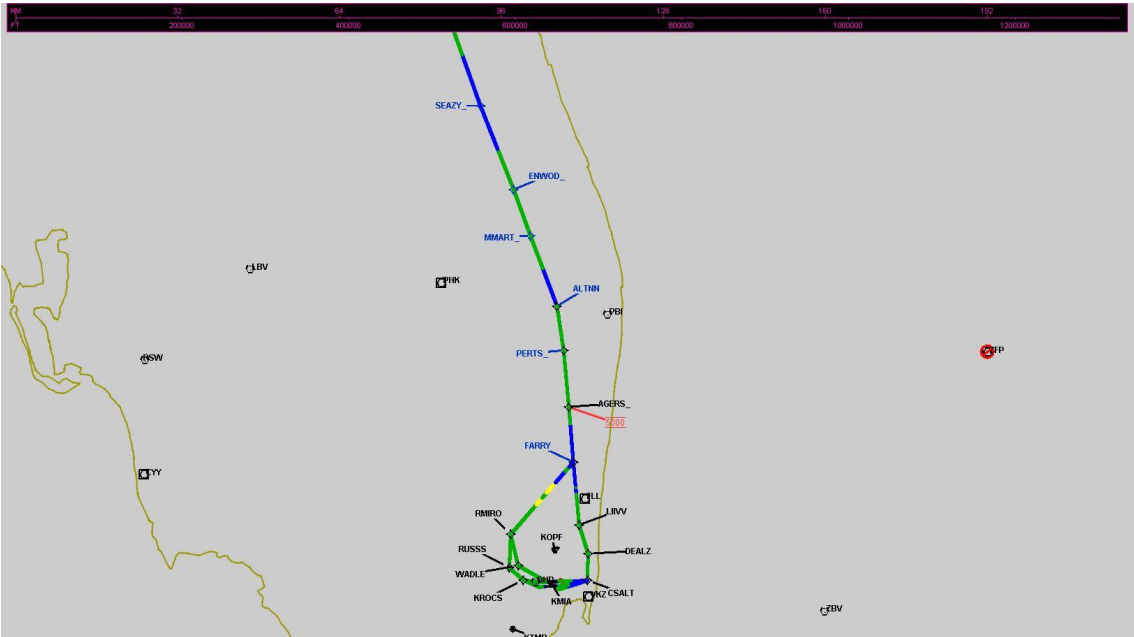
DME DME Assessment Results for ALTNN1 path KMIA:RW26R:DER_KROCS

Graphic Depiction 1



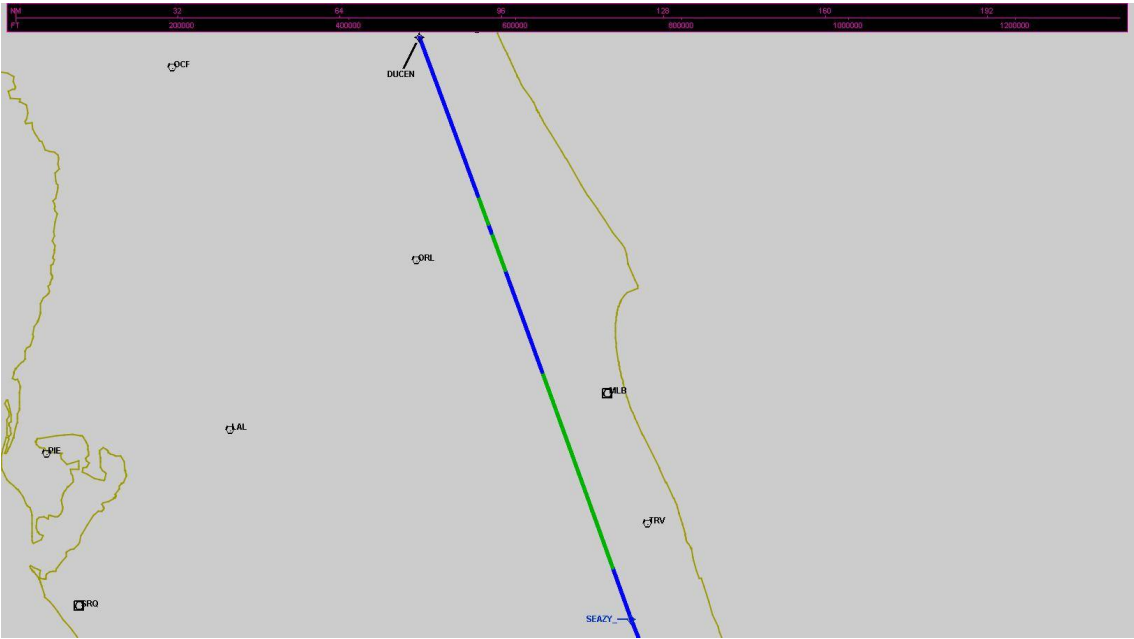
DME DME Assessment Results for ALTNN1 path KMIA:RW26R:DER_KROCS

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW26R:DER_KROCS

Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW27:DER_KROCS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW27-DER_KROCS\KMIA ALTNN1 SID KMIA RW27 KROCS 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW27:DER	WP	N25° 47' 09.942", W080° 18' 53.417"	8	VNAV	130	FLY_BY	TF
KROCS	WP	N25° 48' 28.480", W080° 23' 34.650"	1218.9	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW27:DER_KROCS

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	86 %	88.3 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	86 %	88.3 %
3	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
4	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
5	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

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

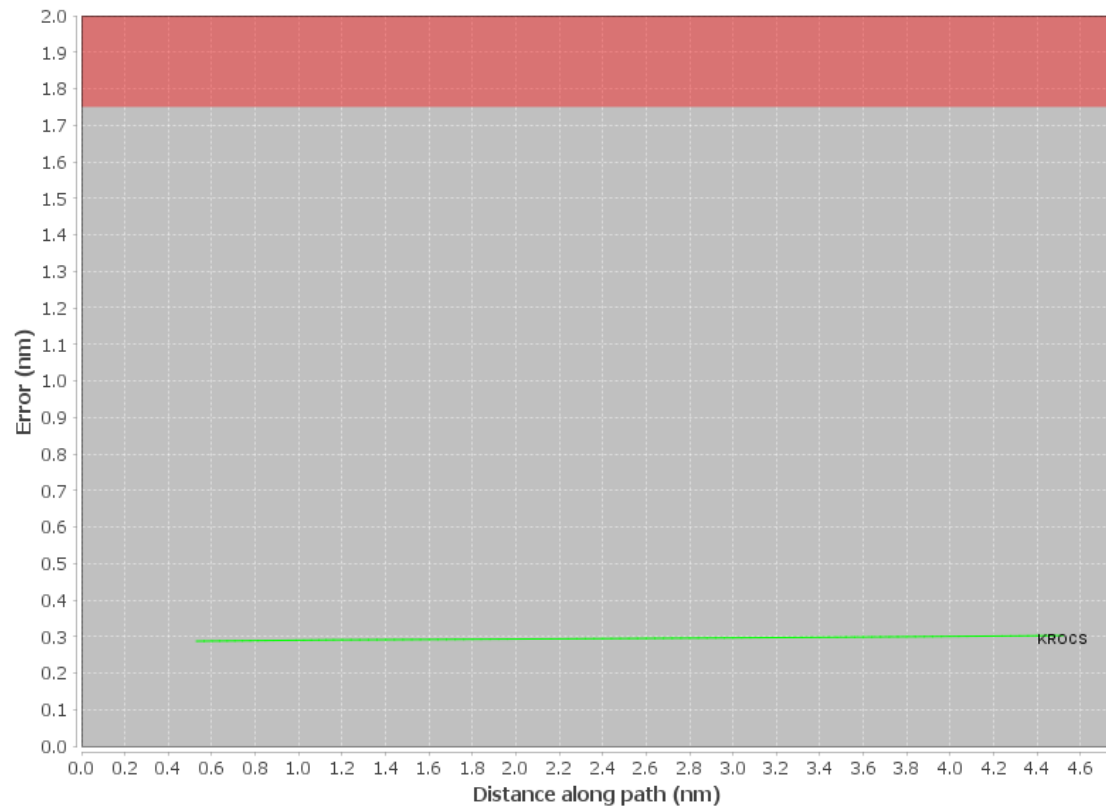
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 47' 09.845", W080° 18' 55.762"	N25° 47' 08.480", W080° 19' 28.588"	0.4943

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW27:DER	KROCS	VKZ, FLL

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

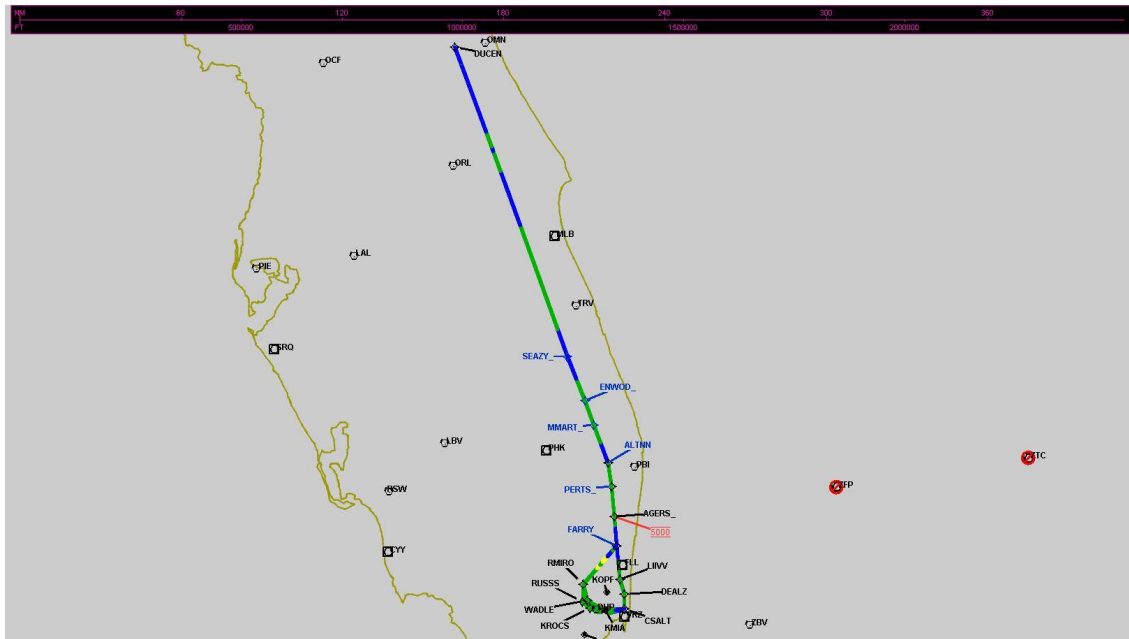
DME DME Assessment Results for ALTNN1 path KMIA:RW27:DER_KROCS

DME Error



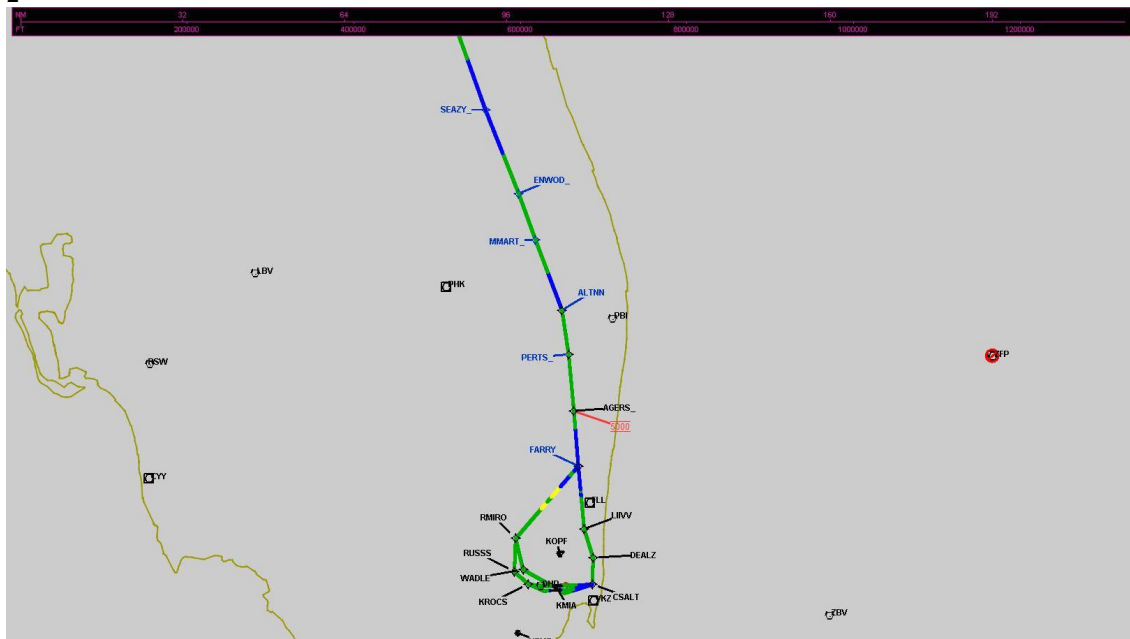
DME DME Assessment Results for ALTNN1 path KMIA:RW27:DER_KROCS

Graphic Depiction 1



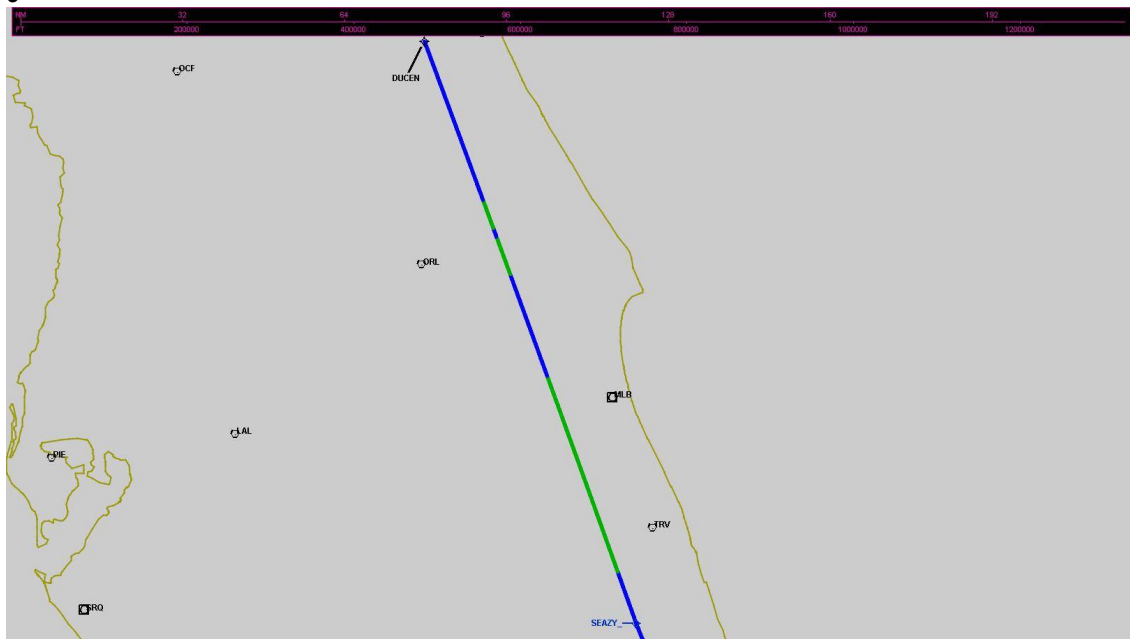
DME DME Assessment Results for ALTNN1 path KMIA:RW27:DER_KROCS

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW27:DER_KROCS

Graphic Depiction 3



DME DME Assessment Results for ALTNN1 path KMIA:RW30:DER_RMIRO

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA ALTNN1 SID DME 20211202_1505 EST\KMIA ALTNN1 SID DME 20211202.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMIA\KMIA [IFPA] ALTNN1 20211211_0948 EST\KMIA-RW30-DER_RMIRO\KMIA ALTNN1 SID KMIA RW30 RMIRO 20211211_0948 EST.pdf
Procedure Name:	ALTNN1
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/11/2021 09:48 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

No Warnings

Notes For Flight Check

None

Flight Plan

Name	Type	Lat/Lon	Altitude (ft)	VNAV Mode	Ground Speed (kts)	Turn Type	Leg Type
KMIA:RW30:DER	WP	N25° 47' 57.426", W080° 18' 08.244"	9.1	VNAV	130	FLY_OVER	TF
WADLE	WP	N25° 51' 19.270", W080° 24' 47.660"	1691.5	VNAV	200	FLY_BY	TF
RMIRO	WP	N25° 57' 28.320", W080° 26' 25.020"	2952.4	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 520.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KMIA [IFPA]
Climb Gradient:	500.0 ft/NM up to 520.0 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 ALTNN1 path KMIA:RW30:DER_RMIRO

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
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Not included
Foreign Facilities:	Included
High DMEs:	Included
Low DMEs:	Included
Terminal DMEs:	Included
Flight Check DMEs:	Not selected
Higher Altitudes:	Not Evaluated
Near Maximum Altitude:	Not Evaluated
Automatic ESVs:	Not enabled
Disabled DMEs:	ZFP,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	95.4 %	96.5 %
2	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	95.4 %	96.5 %
3	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	54.8 %	62.2 %
4	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
5	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
6	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
0.5	VKZ	FLL				
5.0	FLL	DHP	VKZ			

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N25° 47' 58.469", W080° 18' 10.283"	N25° 48' 10.983", W080° 18' 34.759"	0.4228

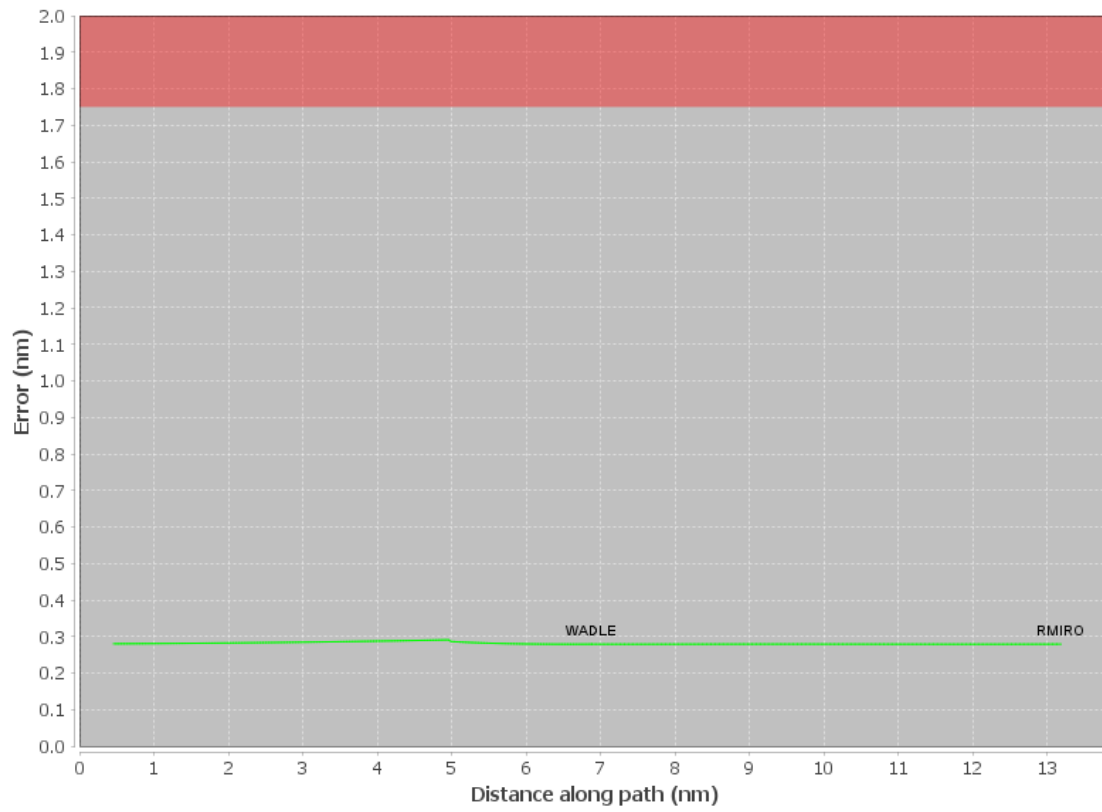
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KMIA:RW30:DER	WADLE	VKZ, FLL, DHP
WADLE	RMIRO	VKZ, FLL, DHP

DME DME Assessment Results for ALTNN1 path KMIA:RW30:DER_RMIRO

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
None								

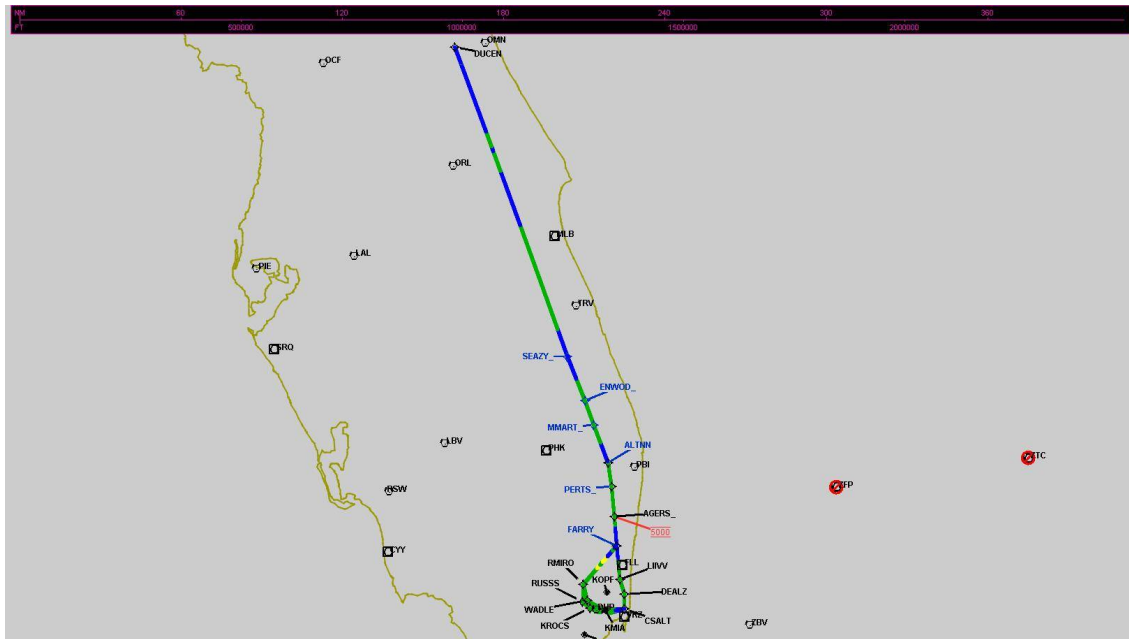
DME DME Assessment Results for ALTNN1 path KMIA:RW30:DER_RMIRO

DME Error



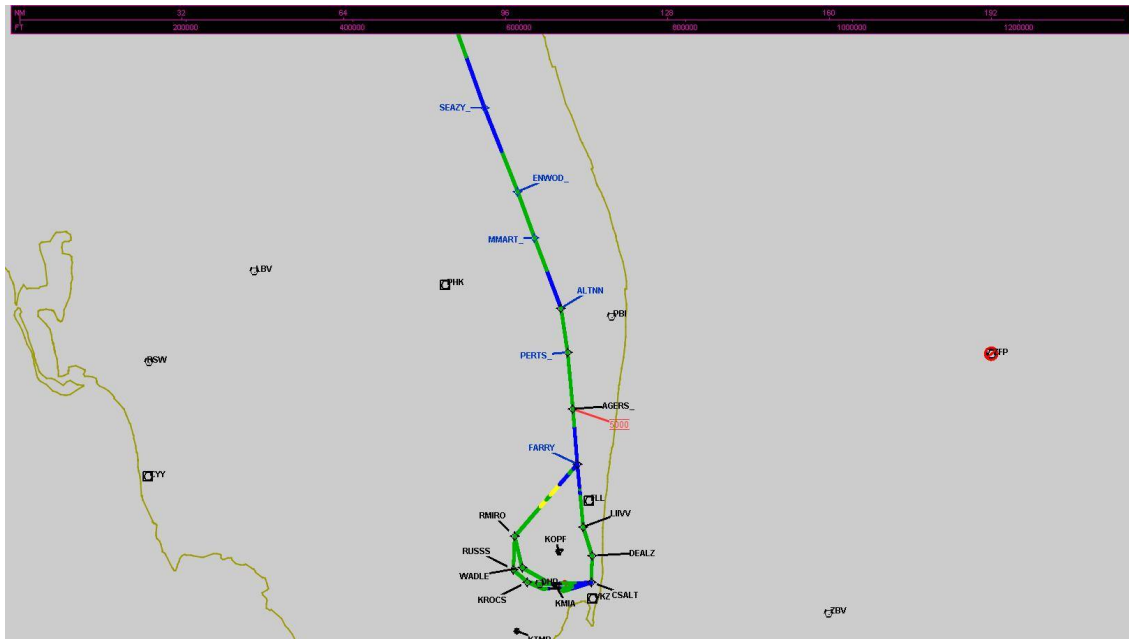
DME DME Assessment Results for ALTNN1 path KMIA:RW30:DER_RMIRO

Graphic Depiction 1



DME DME Assessment Results for ALTNN1 path KMIA:RW30:DER_RMIRO

Graphic Depiction 2



DME DME Assessment Results for ALTNN1 path KMIA:RW30:DER_RMIRO

Graphic Depiction 3

