

DME DME Assessment Results for REGAE1 path KFL:RW10L:DER_PASTL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KFL SIDs DME\KFL REGAE SID DME\KFL REGAE1 SID DME_03.22.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KFL SIDs DME\KFL REGAE SID DME\KFL [IFPA] REGAE1 20210322_1457 EDT\KFL-RW10L-DER_PASTL\KFL REGAE1 SID KFL RW10L PASTL 20210322_1457 EDT.pdf
Procedure Name:	REGAE1
Software: DmeDmePlugin:	6.2.0
Date/Time:	03/22/2021 14:57 EDT
Databases:	DTED 0max

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
KFL:RW10L:DER	WP	N26° 04' 36.451", W080° 08' 20.835"	5.5	VNAV	130	FLY_OVER	TF
MRLEE	WP	N26° 04' 42.120", W080° 00' 25.430"	1800	VNAV	200	FLY_BY	TF
REELZ	WP	N26° 04' 35.600", W079° 49' 53.760"	3000	VNAV	200	FLY_BY	TF
PASTL	WP	N25° 59' 52.260", W079° 29' 05.410"	7000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 580.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KFL [IFPA]
Climb Gradient:	500.0 ft/NM up to 580.0 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 REGAE1 path KLL:RW10L:DER_PASTL

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	11.6 %	9.9 %
2	ZBV	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	H	IFPA	NO	Enabled	45.3 %	48.2 %
3	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	48.8 %	49.4 %
4	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	53.7 %	54.7 %
5	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	48.8 %	49.4 %
6	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
7	ZQA	N25° 01' 31.860", W077° 26' 47.140"	6.0 W	130	H	IFPA	NO	Disabled		
8	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						
2.4	FLL	PBI	VKZ	DHP		
4.8						
15.5	ZBV	DHP				
20.5	PBI	DHP	ZBV	FLL		
23.2	PBI	FLL				
26.3	PBI	DHP	ZBV	FLL		
32.6	PBI	VKZ	ZBV	DHP	FLL	
33.9	DHP	ZBV	PBI	FLL		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 04' 36.437", W080° 08' 18.442"	N26° 04' 37.339", W080° 05' 38.616"	2.3961
2	N26° 04' 39.774", W080° 03' 00.685"	N26° 04' 36.402", W079° 51' 07.639"	10.6958

DME DME Assessment Results for REGAE1 path KFL:RW10L:DER_PASTL

Available DMEs by Waypoints

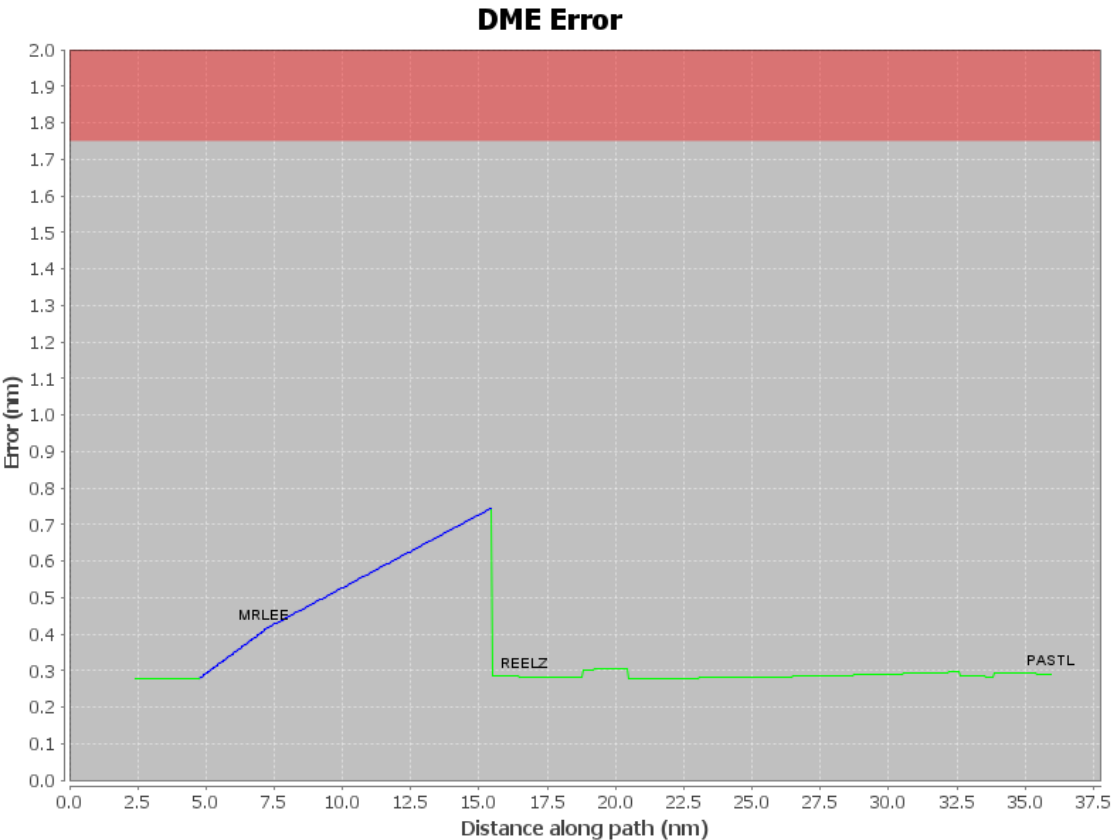
Waypoint Before	Waypoint After	DME List
KFL:RW10L:DER	MRLEE	VKZ, PBI, FLL, DHP
MRLEE	REELZ	DHP, ZBV
REELZ	PASTL	VKZ, PBI, FLL, DHP, ZBV

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] REGAE1 SID_20210101_1003 EST.udt

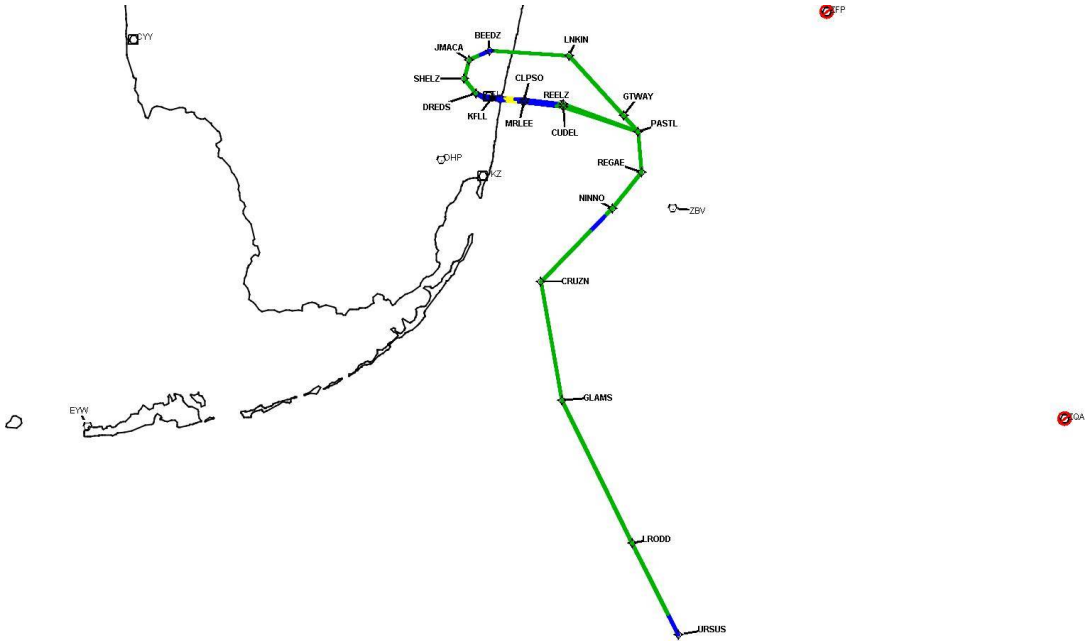
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EYW FAA 701364-13 EYW [IFPA]	N24° 35' 09.162", W081° 48' 01.715"	1.0 E	130	10	113.5	EYW FAA 701364-13	
ESV:		Bearing [True]: 77.0° to 105.0° Bearing [Mag]: 76.0° to 104.0°				Arc Distance: Out to 158.0 NM Altitude: 17100.0 to 45000.0 ft		
2	PBI FAA 882483-45 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-45	
ESV:		Bearing [True]: 125.0° to 164.0° Bearing [Mag]: 128.0° to 167.0°				Arc Distance: Out to 71.0 NM Altitude: 3800.0 to 16000.0 ft		
3	ZBV FAA 051542-34 ZBV [IFPA]	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	10	116.7	ZBV FAA 051542-34	
ESV:		Bearing [True]: 286.0° to 26.0° Bearing [Mag]: 290.0° to 30.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 18000.0 ft		
4	DHP FAA 955265-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955265-047	
ESV:		Bearing [True]: 351.0° to 96.0° Bearing [Mag]: 355.0° to 100.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 13000.0 ft		



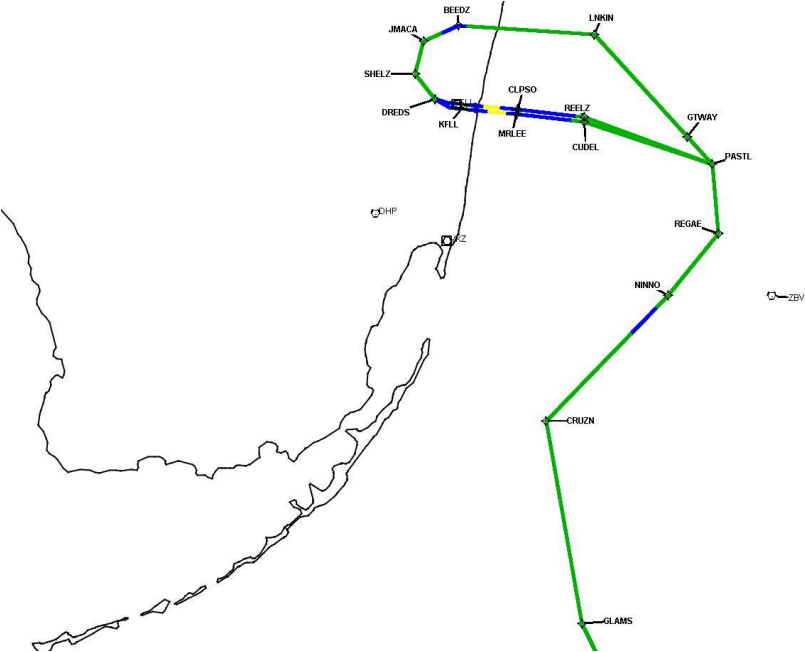
DME DME Assessment Results for REGAE1 path KFL:RW10L:DER_PASTL

Graphic Depiction 1



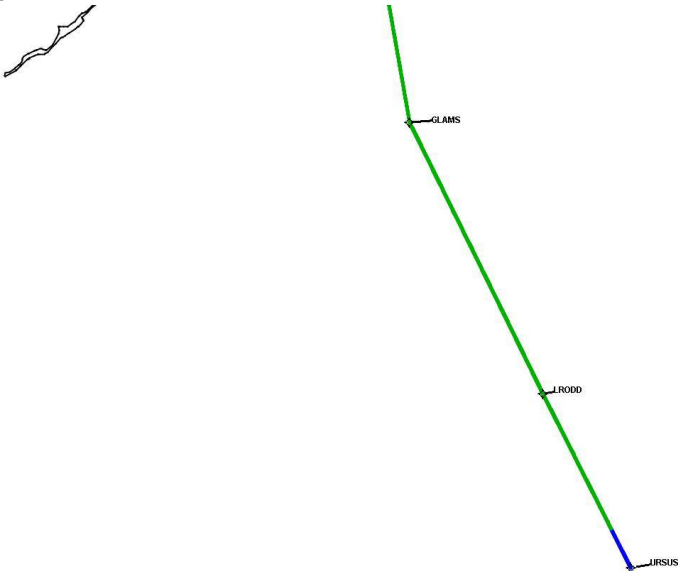
DME DME Assessment Results for REGAE1 path KFL:RW10L:DER_PASTL

Graphic Depiction 2



DME DME Assessment Results for REGAE1 path KFL:RW10L:DER_PASTL

Graphic Depiction 3



DME DME Assessment Results for REGAE1 path KFL:RW10R:DER_PASTL

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KFL:RW10R:DER_PASTL\KFL:RW10R:DER_PASTL REGAE1 SID DME_03.22.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KFL:RW10R:DER_PASTL\KFL:RW10R:DER_PASTL REGAE1 SID DME_03.22.2021.tgs [IFPA] REGAE1 20210322_1457 EDT\KFL:RW10R:DER_PASTL\KFL:RW10R:DER_PASTL REGAE1 SID KFL:RW10R:DER_PASTL 20210322_1457 EDT.pdf
Procedure Name:	REGAE1
Software: DmeDmePlugin:	6.2.0
Date/Time:	03/22/2021 14:57 EDT
Databases:	DTED 0max

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
KFL:RW10R:DER	WP	N26° 03' 56.672", W080° 08' 02.339"	65	VNAV	130	FLY_OVER	TF
CLPSO	WP	N26° 04' 02.180", W080° 00' 29.660"	1800	VNAV	200	FLY_BY	TF
CUDEL	WP	N26° 03' 56.027", W079° 49' 51.842"	3000	VNAV	200	FLY_BY	TF
PASTL	WP	N25° 59' 52.260", W079° 29' 05.410"	7000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 580.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KFL [IFPA]
Climb Gradient:	500.0 ft/NM up to 580.0 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 REGAE1 path KLL:RW10R:DER_PASTL

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	12.8 %	11.2 %
2	ZBV	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	H	IFPA	NO	Enabled	48.2 %	51.1 %
3	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	49.8 %	50.5 %
4	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	57.3 %	58.4 %
5	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	49.8 %	50.5 %
6	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
7	ZQA	N25° 01' 31.860", W077° 26' 47.140"	6.0 W	130	H	IFPA	NO	Disabled		
8	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						
2.8	VKZ	FLL	PBI	DHP		
5.5						
14.7	ZBV	DHP				
20.2	PBI	DHP	ZBV	FLL		
23.3	PBI	FLL				
26.0	PBI	DHP	ZBV	FLL		
32.2	PBI	VKZ	ZBV	DHP	FLL	
33.7	DHP	ZBV	PBI	FLL		

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 03' 56.658", W080° 07' 59.972"	N26° 03' 58.138", W080° 04' 53.697"	2.7936
2	N26° 04' 00.848", W080° 01' 57.673"	N26° 03' 57.187", W079° 51' 46.131"	9.1756

DME DME Assessment Results for REGAE1 path KFL:RW10R:DER_PASTL

Available DMEs by Waypoints

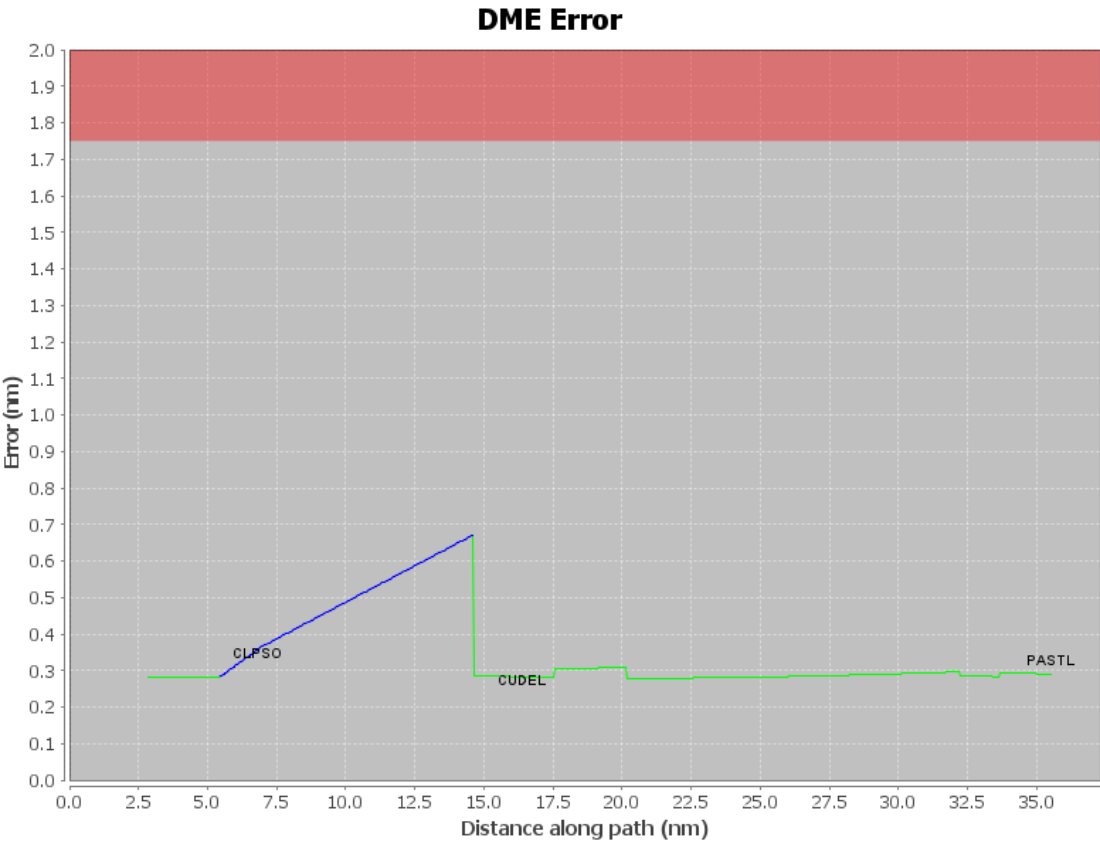
Waypoint Before	Waypoint After	DME List
KFL:RW10R:DER	CLPSO	VKZ, PBI, FLL, DHP
CLPSO	CUDEL	DHP, ZBV
CUDEL	PASTL	VKZ, PBI, FLL, DHP, ZBV

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] REGAE1 SID_20210101_1003 EST.udt

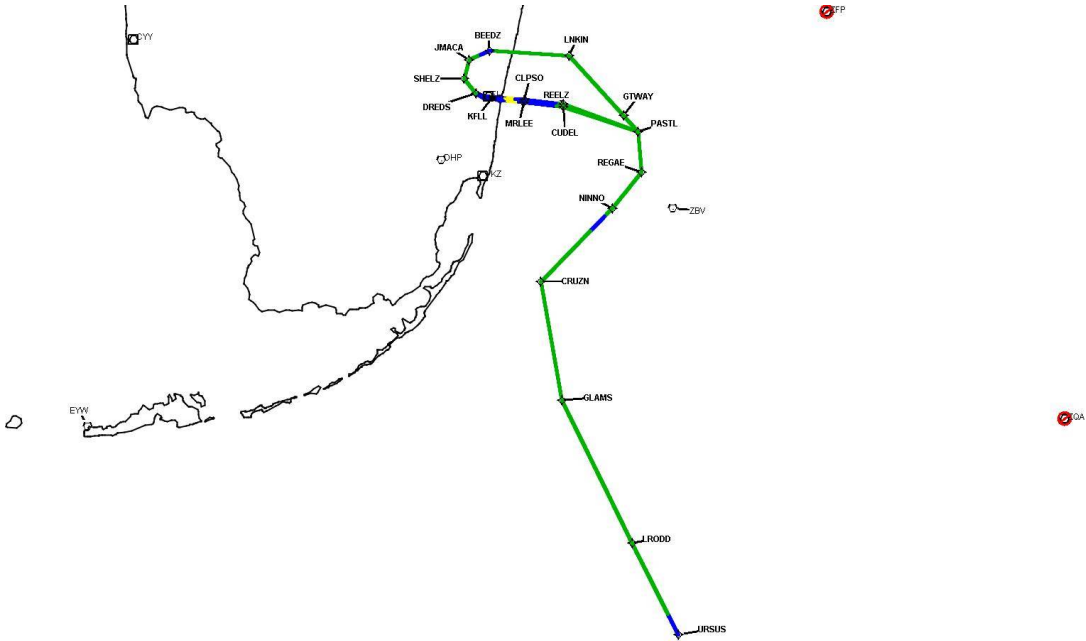
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EYW FAA 701364-13 EYW [IFPA]	N24° 35' 09.162", W081° 48' 01.715"	1.0 E	130	10	113.5	EYW FAA 701364-13	
ESV:		Bearing [True]: 77.0° to 105.0° Bearing [Mag]: 76.0° to 104.0°				Arc Distance: Out to 158.0 NM Altitude: 17100.0 to 45000.0 ft		
2	PBI FAA 882483-45 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-45	
ESV:		Bearing [True]: 125.0° to 164.0° Bearing [Mag]: 128.0° to 167.0°				Arc Distance: Out to 71.0 NM Altitude: 3800.0 to 16000.0 ft		
3	ZBV FAA 051542-34 ZBV [IFPA]	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	10	116.7	ZBV FAA 051542-34	
ESV:		Bearing [True]: 286.0° to 26.0° Bearing [Mag]: 290.0° to 30.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 18000.0 ft		
4	DHP FAA 955265-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955265-047	
ESV:		Bearing [True]: 351.0° to 96.0° Bearing [Mag]: 355.0° to 100.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 13000.0 ft		



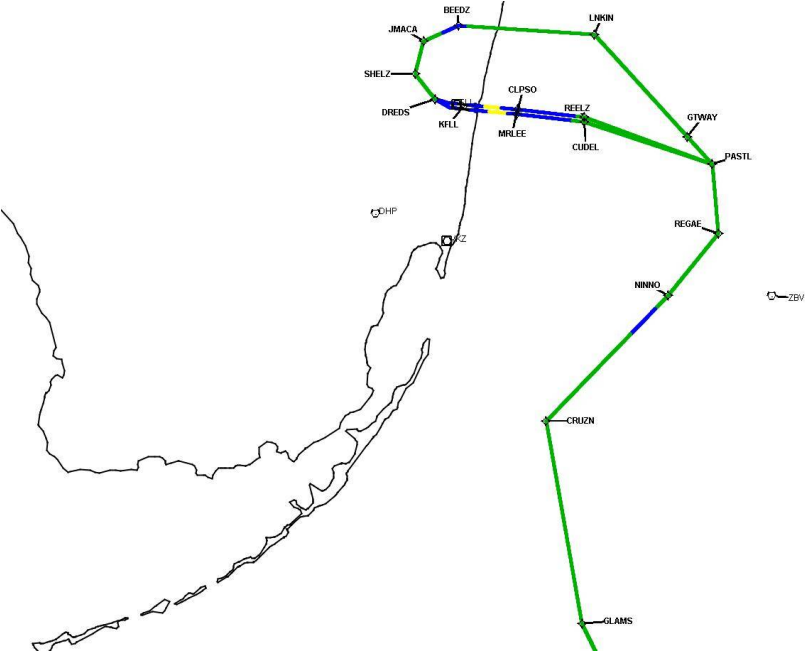
DME DME Assessment Results for REGAE1 path KFL:RW10R:DER_PASTL

Graphic Depiction 1



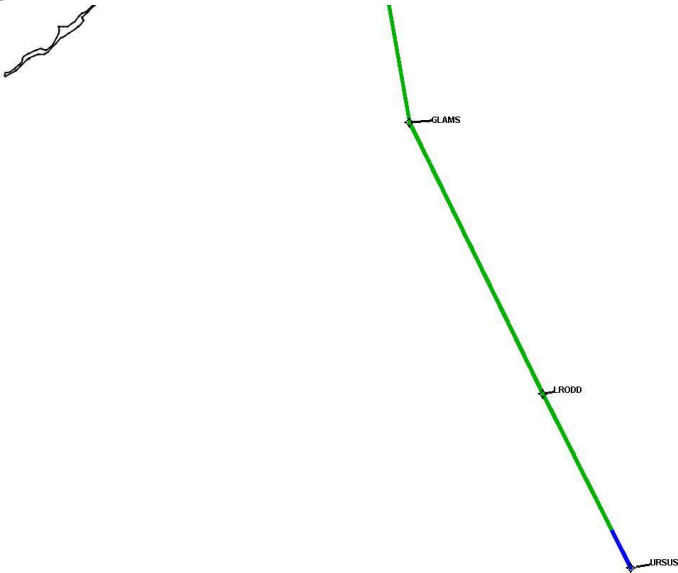
DME DME Assessment Results for REGAE1 path KFL:RW10R:DER_PASTL

Graphic Depiction 2



DME DME Assessment Results for REGAE1 path KFL:RW10R:DER_PASTL

Graphic Depiction 3



DME DME Assessment Results for REGAE1 path KFL:RW28L:DER_URSUS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KFL SIDs DME\KFL REGAE SID DME\KFL REGAE1 SID DME_03.22.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KFL SIDs DME\KFL REGAE SID DME\KFL [IFPA] REGAE1 20210322_1457 EDT\KFL-RW28L-DER_URSUS\KFL REGAE1 SID KFL RW28L URSUS 20210322_1457 EDT.pdf
Procedure Name:	REGAE1
Software: DmeDmePlugin:	6.2.0
Date/Time:	03/22/2021 14:57 EDT
Databases:	DTED 0max

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
KFL:RW28L:DER	WP	N26° 03' 57.192", W080° 09' 30.056"	10.1	VNAV	130	FLY_BY	TF
DREDS	WP	N26° 04' 56.670", W080° 13' 34.420"	1000	VNAV	200	FLY_BY	TF
SHELZ	WP	N26° 08' 10.810", W080° 17' 05.350"	2000	VNAV	200	FLY_BY	TF
JMACA	WP	N26° 12' 53.350", W080° 16' 18.650"	3000	VNAV	200	FLY_BY	TF
BEEDZ	WP	N26° 15' 35.812", W080° 11' 04.495"	4000	VNAV	200	FLY_BY	TF
LNKIN	WP	N26° 16' 21.298", W079° 49' 40.000"	5000	VNAV	200	FLY_BY	TF
GTWAY	WP	N26° 03' 22.689", W079° 33' 27.289"	7000	VNAV	200	FLY_BY	TF
PASTL	WP	N25° 59' 52.260", W079° 29' 05.410"	7000	VNAV	200	FLY_BY	TF
REGAE	WP	N25° 50' 13.350", W079° 27' 01.270"	9000	VNAV	200	FLY_BY	TF
NINNO	WP	N25° 40' 45.160", W079° 33' 52.830"	11000	VNAV	200	FLY_BY	TF
CRUZN	WP	N25° 21' 20.234", W079° 50' 51.402"	15000	VNAV	240	FLY_BY	TF
GLAMS	WP	N24° 53' 24.596", W079° 41' 56.562"	18000	VNAV	240	FLY_BY	TF
LRODD	WP	N24° 20' 51.330", W079° 19' 08.730"	18000	VNAV	240	FLY_BY	TF
URSUS	WP	N24° 00' 00.190", W079° 04' 11.280"	18000	VNAV	240	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 580.0 ft MSL 200.0 ft/NM							

DME DME Assessment Results for REGAE1 path KLL:RW28L:DER_URSUS

Flyability	
Flight Type:	SID
Selected Airport:	KLL [IFPA]
Climb Gradient:	500.0 ft/NM up to 580.0 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 (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	1.6 %	1.7 %
2	EYW	N24° 35' 09.162", W081° 48' 01.715"	1.0 E	130	H	IFPA	NO	Enabled	29 %	32.3 %
3	ZBV	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	H	IFPA	NO	Enabled	83.1 %	84.4 %
4	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	51.3 %	53.6 %
5	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	54.9 %	55.4 %
6	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	66 %	66.7 %
7	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	49.6 %	47.7 %
8	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
9	ZQA	N25° 01' 31.860", W077° 26' 47.140"	6.0 W	130	H	IFPA	NO	Disabled		
10	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for REGAE1 path KFL:RW28L:DER_URSUS

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
3.6	FLL	DHP				
5.7	FLL	DHP	PBI			
11.3	FLL	DHP				
13.2	FLL	PBI	DHP			
15.1	FLL	DHP				
16.1						
19.8	ZBV	DHP	PBI	FLL	VKZ	
27.8	ZBV	FLL	DHP	PBI		
33.7	ZBV	FLL	PBI			
37.8	FLL	PBI	ZBV	DHP		
62.6	DHP	ZBV	PBI			
74.6	PBI	DHP				
75.0	PBI	VKZ	DHP			
75.4	PBI	VKZ	DHP	ZBV		
78.7	PBI	VKZ	ZBV			
86.2						
91.2	VKZ	ZBV				
105.4	VKZ	ZBV	FLL	DHP		
105.5	VKZ	ZBV	FLL	DHP	PBI	PHK
106.8	VKZ	ZBV	FLL	DHP	PBI	
127.5	ZBV	DHP	VKZ	FLL		
130.4	ZBV	DHP	VKZ	EYW	FLL	
161.6	EYW	ZBV	VKZ	DHP		
172.3	EYW	ZBV	VKZ			
179.8	EYW	ZBV				
195.3						

Inertial Drift Segments				
#	Start Location	End Location	Length [NM]	
1	N26° 03' 57.206", W080° 09' 32.429"	N26° 04' 50.876", W080° 13' 19.769"	3.5935	
2	N26° 14' 21.236", W080° 13' 28.780"	N26° 15' 38.925", W080° 09' 39.364"	3.7661	
3	N25° 38' 47.450", W079° 35' 36.081"	N25° 34' 51.969", W079° 39' 02.413"	4.9972	
4	N24° 04' 37.981", W079° 07' 30.028"	N24° 00' 00.190", W079° 04' 11.280"	5.5219	

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KFL:RW28L:DER	DREDS	FLL, DHP
DREDS	SHELZ	PBI, FLL, DHP
SHELZ	JMACA	PBI, FLL, DHP
JMACA	BEEDZ	PBI, FLL, DHP
BEEDZ	LNKIN	VKZ, PBI, FLL, DHP, ZBV
LNKIN	GTWAY	PBI, FLL, DHP, ZBV
GTWAY	PASTL	PBI, FLL, DHP, ZBV
PASTL	REGAE	PBI, DHP, ZBV
REGAE	NINNO	VKZ, PBI, DHP, ZBV
NINNO	CRUZN	PHK, VKZ, PBI, FLL, DHP, ZBV
CRUZN	GLAMS	PHK, EYW, VKZ, PBI, FLL, DHP, ZBV
GLAMS	LRODD	EYW, VKZ, FLL, DHP, ZBV
LRODD	URSUS	EYW, VKZ, ZBV

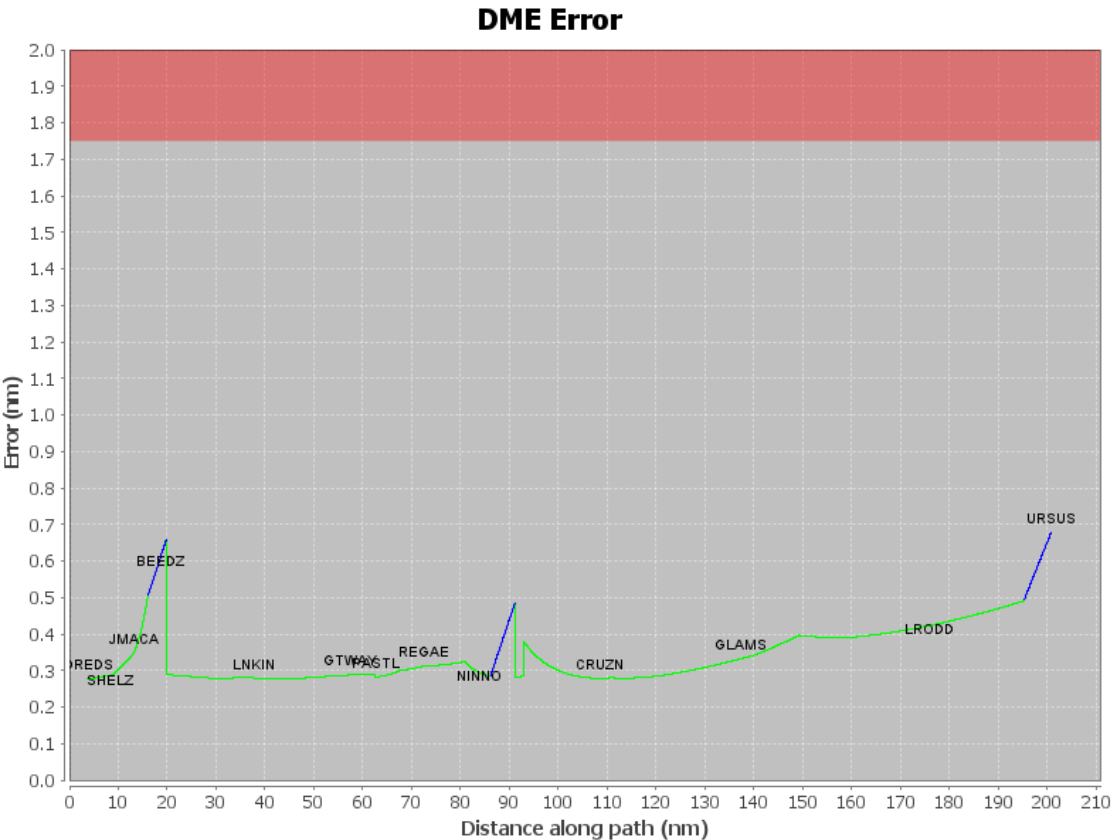
DME DME Assessment Results for REGAE1 path KFL:RW28L:DER_URSUS

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] REGAE1 SID_20210101_1003 EST.udt

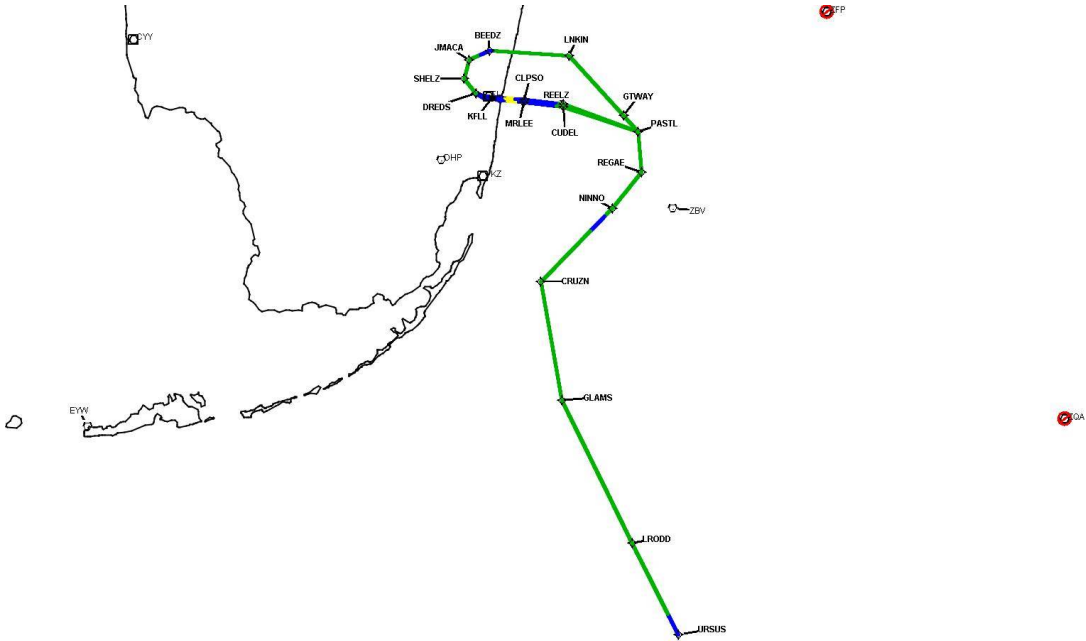
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	EYW FAA 701364-13 EYW [IFPA]	N24° 35' 09.162", W081° 48' 01.715"	1.0 E	130	10	113.5	EYW FAA 701364-13	
ESV:		Bearing [True]: 77.0° to 105.0° Bearing [Mag]: 76.0° to 104.0°				Arc Distance: Out to 158.0 NM Altitude: 17100.0 to 45000.0 ft		
2	PBI FAA 882483-45 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-45	
ESV:		Bearing [True]: 125.0° to 164.0° Bearing [Mag]: 128.0° to 167.0°				Arc Distance: Out to 71.0 NM Altitude: 3800.0 to 16000.0 ft		
3	ZBV FAA 051542-34 ZBV [IFPA]	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	10	116.7	ZBV FAA 051542-34	
ESV:		Bearing [True]: 286.0° to 26.0° Bearing [Mag]: 290.0° to 30.0°				Arc Distance: Out to 60.0 NM Altitude: 4000.0 to 18000.0 ft		
4	DHP FAA 955265-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955265-047	
ESV:		Bearing [True]: 351.0° to 96.0° Bearing [Mag]: 355.0° to 100.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 13000.0 ft		

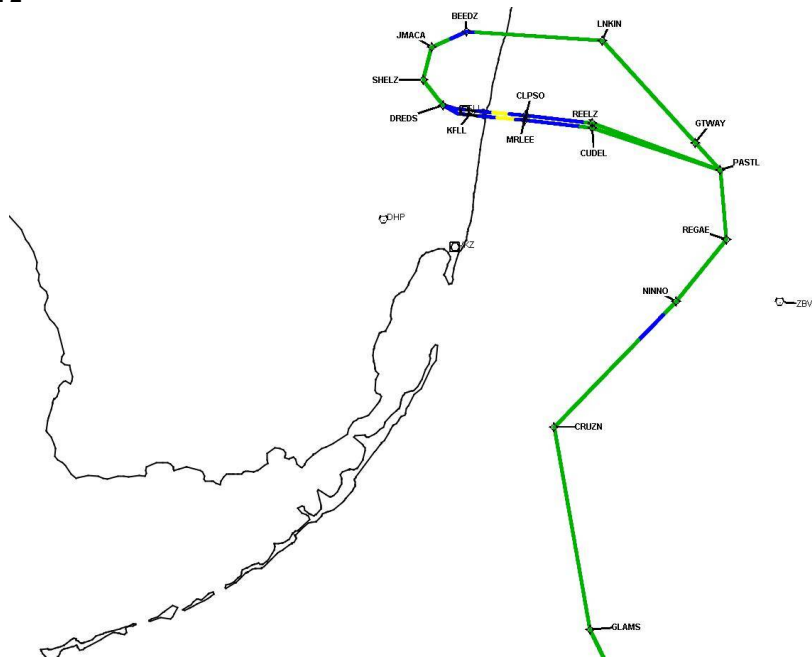


DME DME Assessment Results for REGAE1 path KFL:RW28L:DER_URSUS

Graphic Depiction 1

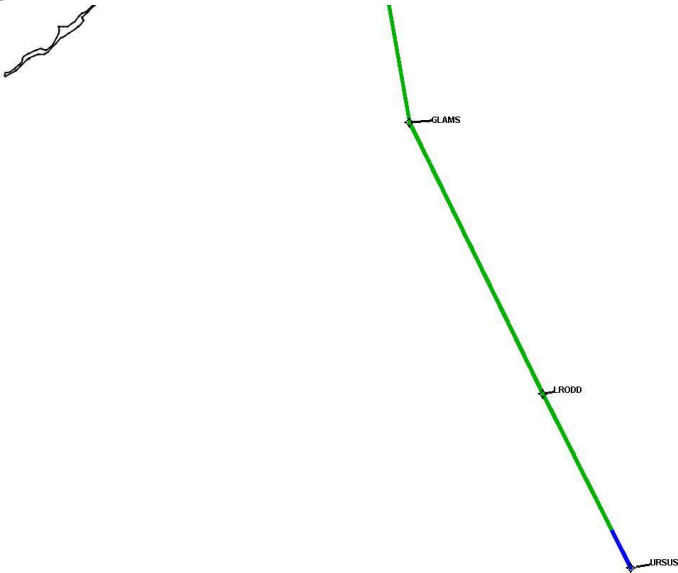


Graphic Depiction 2



DME DME Assessment Results for REGAE1 path KFL:RW28L:DER_URSUS

Graphic Depiction 3



DME DME Assessment Results for REGAE1 path KFL:RW28R:DER_DREDS

Results Summary

Flyability:	Completed
DME/DME:	Completed - No Critical DMEs
Name:	Miles CTR Carpenter
Project File:	C:\Users\Miles CTR Carpenter\Desktop\KFL SIDs DME\KFL REGAE SID DME\KFL REGAE1 SID DME_03.22.2021.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\KFL SIDs DME\KFL REGAE SID DME\KFL [IFPA] REGAE1 20210322_1457 EDT\KFL-RW28R-DER_DREDS\KFL REGAE1 SID KFL RW28R DREDS 20210322_1457 EDT.pdf
Procedure Name:	REGAE1
Software: DmeDmePlugin:	6.2.0
Date/Time:	03/22/2021 14:57 EDT
Databases:	DTED 0max

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
KFL:RW28R:DER	WP	N26° 04' 37.017", W080° 09' 59.538"	6	VNAV	130	FLY_BY	TF
DREDS	WP	N26° 04' 56.670", W080° 13' 34.420"	1000	VNAV	200	FLY_BY	TF
Climb Gradient: 500.0 ft/NM up to 580.0 ft MSL 200.0 ft/NM							

Flyability

Flight Type:	SID
Selected Airport:	KFL [IFPA]
Climb Gradient:	500.0 ft/NM up to 580.0 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 REGAE1 path KFL:RW28R:DER_DREDS

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	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
2	ZQA	N25° 01' 31.860", W077° 26' 47.140"	6.0 W	130	H	IFPA	NO	Disabled		
3	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						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N26° 04' 37.030", W080° 10' 01.929"	N26° 04' 56.670", W080° 13' 34.420"	3.2146

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KFL:RW28R:DER	DREDS	

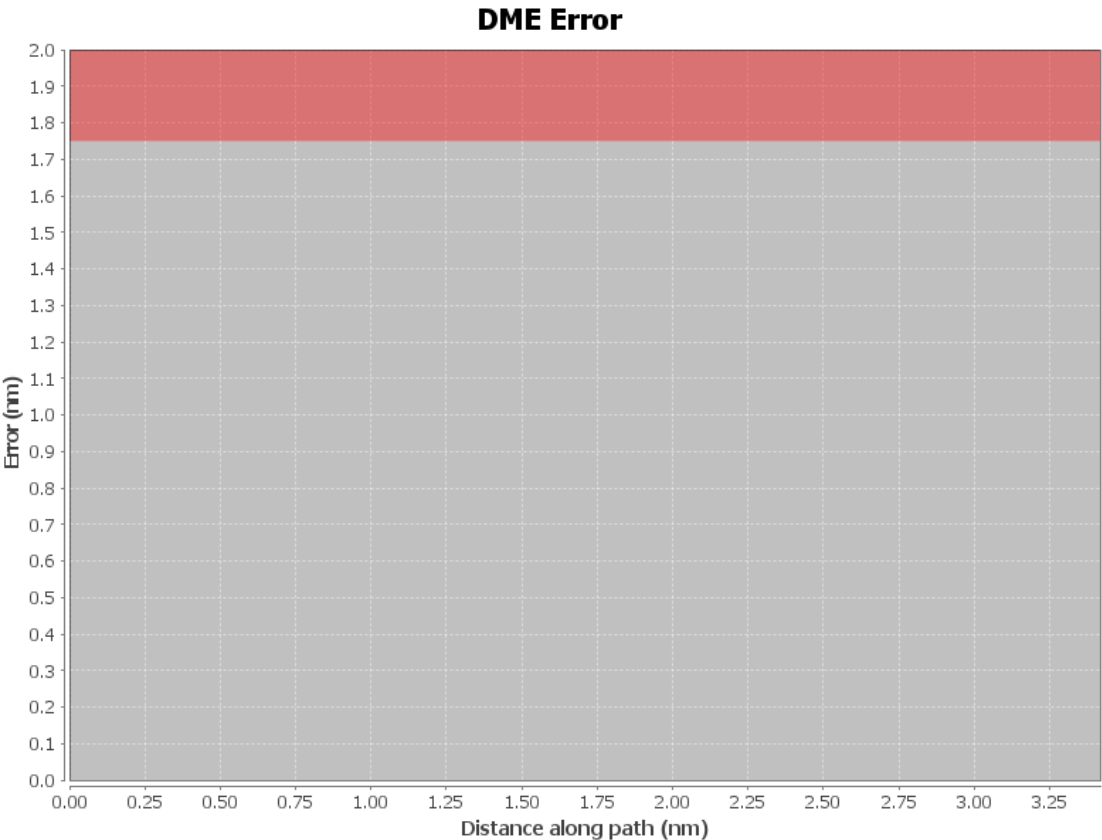
DME DME Assessment Results for REGAE1 path KFL:RW28R:DER_DREDS

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] REGAE1 SID_20210101_1003 EST.udt

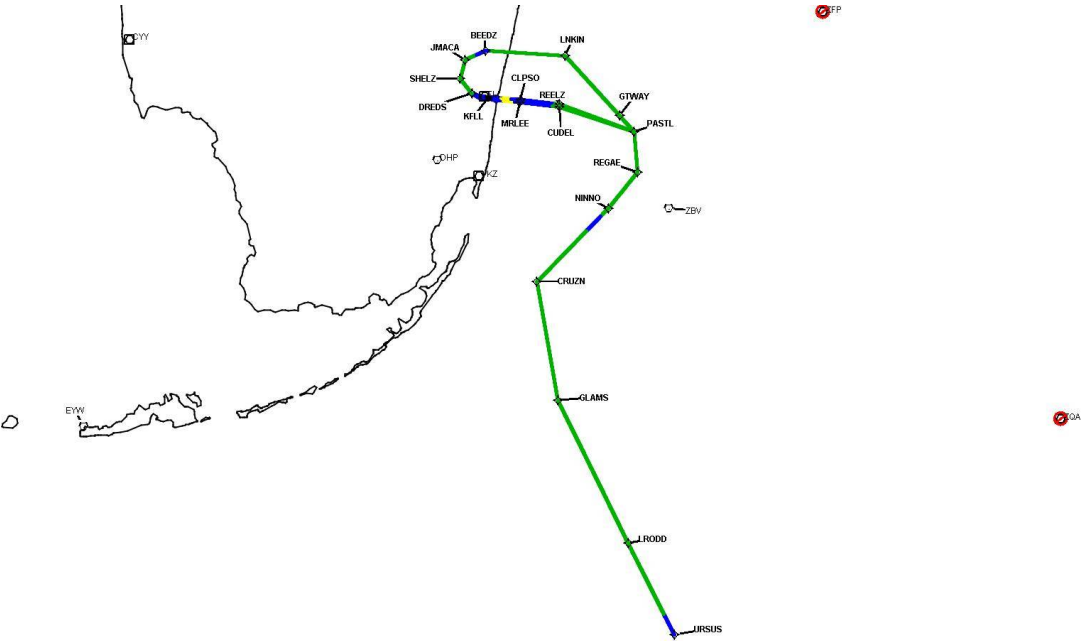
User DMEs

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ESV:		Bearing [True]: 351.0° to 96.0° Bearing [Mag]: 355.0° to 100.0°				Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 13000.0 ft		



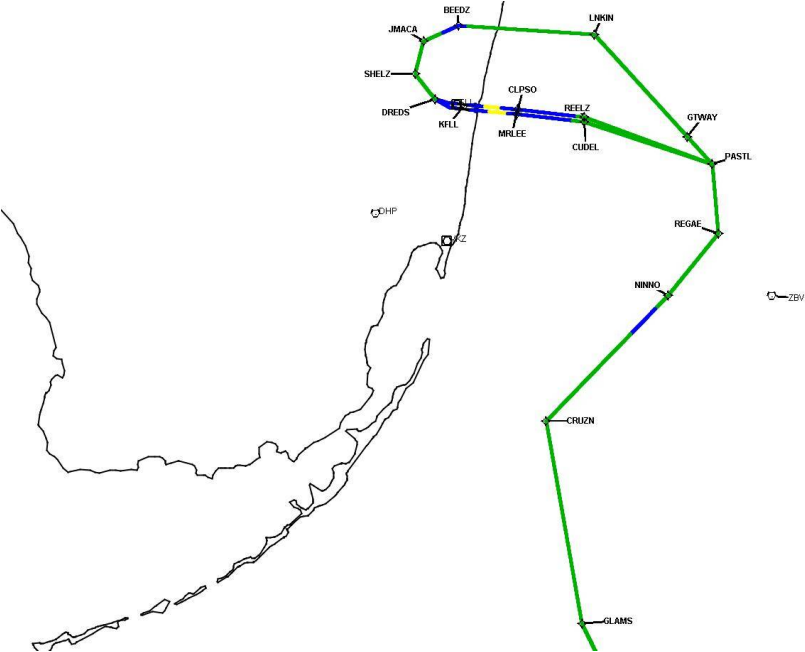
DME DME Assessment Results for REGAE1 path KFL:RW28R:DER_DREDS

Graphic Depiction 1



DME DME Assessment Results for REGAE1 path KFL:RW28R:DER_DREDS

Graphic Depiction 2



DME DME Assessment Results for REGAE1 path KFL:RW28R:DER_DREDS

Graphic Depiction 3

