

DME DME Assessment Results for SNAPR2 path HEYDR_SUMAC

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\KFL\KFL SNAPR2 SID DME 20211209_1234 EST\KFL SNAPR2 SID DME 20211207.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KFL\KFL [IFPA] SNAPR2 20211209_1318 EST\HEYDR_SUMAC\KFL SNAPR2 SID HEYDR SUMAC 20211209_1318 EST.pdf
Procedure Name:	SNAPR2
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/09/2021 13:18 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

GNSS_ONLY HEYDR_____SUMAC 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
HEYDR	WP	N25° 34' 37.450", W078° 26' 54.780"	17000	VNAV	240	FLY_BY	TF
SUMAC	WP	N25° 17' 33.510", W077° 21' 02.940"	17000	VNAV	240	FLY_BY	TF

Flyability

Flight Type:	SID
Selected Airport:	KFL [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 SNAPR2 path HEYDR_SUMAC

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:	ZEF,ZFP,ZGV,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ZEF	N23° 33' 20.610", W075° 51' 52.990"	5.0 W	40	L	IFPA	NO	Disabled		
2	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
3	ZGV	N25° 15' 27.000", W076° 18' 31.000"	5.0 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		

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

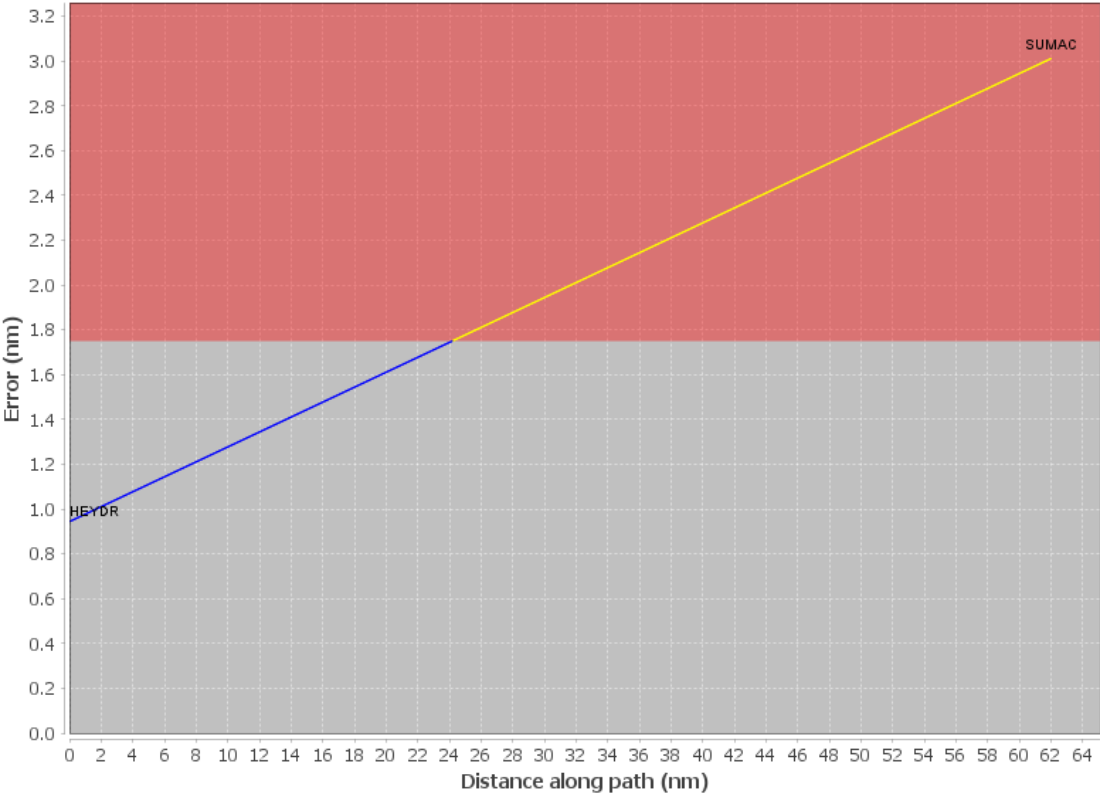
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
HEYDR	SUMAC	

DME DME Assessment Results for SNAPR2 path HEYDR_SUMAC

User Data Files								
#	File Name							
1	UserDMEsKFLL [IFPA] SNAPR1 SID_20210322_1515 EDT.udt							
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	PHK FAA 900991-44 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-44	
ESV:		Bearing [True]: 111.0° to 145.0° Bearing [Mag]: 111.0° to 145.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 16000.0 ft		
3	DHP FAA 955264-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955264-047	
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		
4	PBI FAA 882483-76 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-76	
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		
5	PHK FAA 900991-065 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-065	
ESV:		Bearing [True]: 110.0° to 130.0° Bearing [Mag]: 110.0° to 130.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		

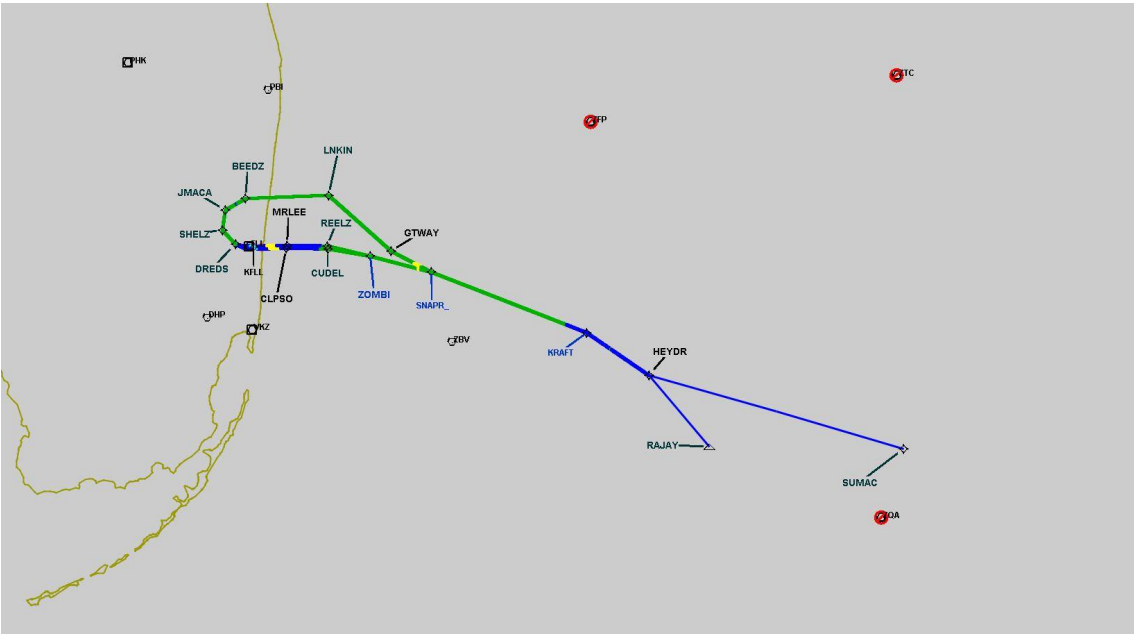
DME DME Assessment Results for SNAPR2 path HEYDR_SUMAC

DME Error



DME DME Assessment Results for SNAPR2 path HEYDR_SUMAC

Graphic Depiction 1



DME DME Assessment Results for SNAPR2 path KFL:RW10L:DER_SNAPR_

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\KFL\KFL SNAPR2 SID DME 20211209_1234 EST\KFL SNAPR2 SID DME 20211207.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KFL\KFL [IFPA] SNAPR2 20211209_1318 EST\KFL-RW10L-DER_SNAPR_KFL SNAPR2 SID KFL RW10L SNAPR 20211209_1318 EST.pdf
Procedure Name:	SNAPR2
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/09/2021 13:18 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
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"	1777.2	VNAV	200	FLY_BY	TF
REELZ	WP	N26° 04' 35.600", W079° 49' 53.760"	3673.2	VNAV	200	FLY_BY	TF
ZOMBI	WP	N26° 02' 13.572", W079° 38' 53.408"	5653.2	VNAV	200	FLY_BY	TF
SNAPR_	WP	N25° 58' 30.370", W079° 23' 03.150"	13000	VNAV	240	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 SNAPR2 path KFL:RW10L:DER_SNAPR_

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:	ZEF,ZFP,ZGV,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	14.3 %	15.5 %
2	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	9.8 %	8.1 %
3	ZBV	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	H	IFPA	NO	Enabled	58.5 %	61.9 %
4	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	57.9 %	58.7 %
5	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	65.9 %	67.5 %
6	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	62.6 %	64 %
7	ZEF	N23° 33' 20.610", W075° 51' 52.990"	5.0 W	40	L	IFPA	NO	Disabled		
8	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
9	ZGV	N25° 15' 27.000", W076° 18' 31.000"	5.0 W	130	H	IFPA	NO	Disabled		
10	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
11	ZTC	N26° 44' 05.000", W077° 22' 45.000"	5.0 W	130	H	IFPA	NO	Disabled		

DME DME Assessment Results for SNAPR2 path KFL:RW10L:DER_SNAPR_

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0						
2.4	FLL	PBI	VKZ	DHP		
4.8						
15.5	ZBV	DHP				
15.8	PHK	DHP	ZBV	FLL		
16.0	ZBV	DHP				
16.7	PHK	DHP	ZBV	FLL		
16.9	ZBV	DHP				
17.3	PBI	DHP	FLL	ZBV		
23.2	PBI	FLL				
23.5	DHP	PBI	ZBV	FLL		
32.7	VKZ	ZBV	PBI	DHP	FLL	
33.8	DHP	ZBV	PBI	FLL		
35.6	DHP	ZBV	PBI	FLL	PHK	
38.9	DHP	ZBV	PBI	PHK		

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

Available DMEs by Waypoints

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

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] SNAPR1 SID_20210322_1515 EDT.udt

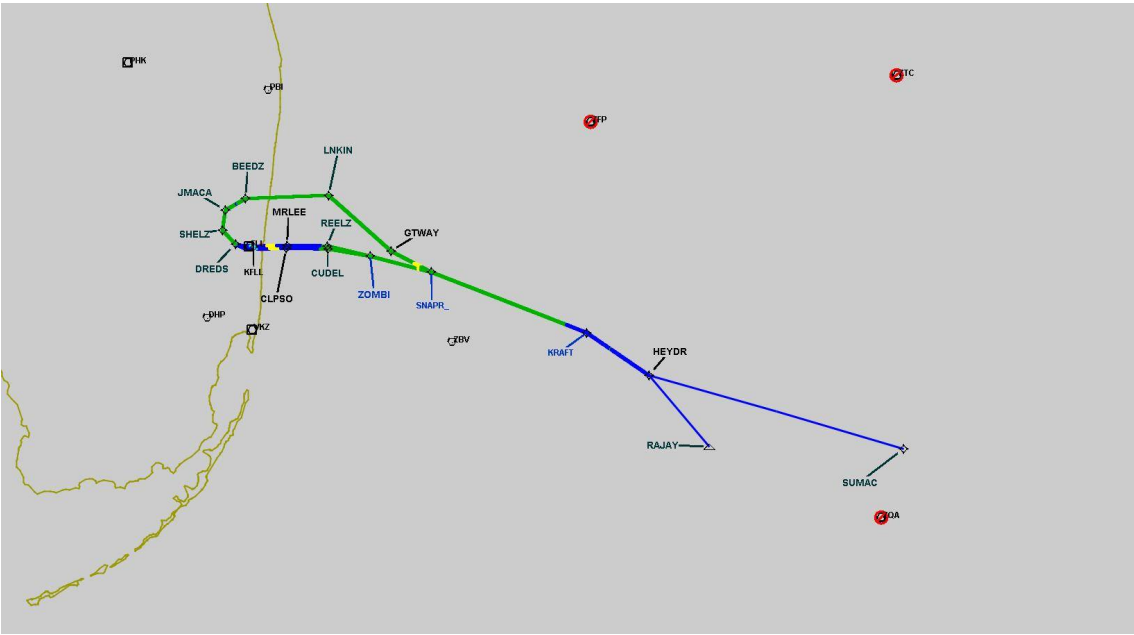
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	PHK FAA 900991-44 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-44	
ESV:		Bearing [True]: 111.0° to 145.0° Bearing [Mag]: 111.0° to 145.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 16000.0 ft		
3	DHP FAA 955264-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955264-047	
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		
4	PBI FAA 882483-76 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-76	
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		
5	PHK FAA 900991-065 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-065	
ESV:		Bearing [True]: 110.0° to 130.0° Bearing [Mag]: 110.0° to 130.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		



DME DME Assessment Results for SNAPR2 path KFL:RW10L:DER_SNAPR_

Graphic Depiction 1



DME DME Assessment Results for SNAPR2 path KFL:RW10R:DER_ZOMBI

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\KFL\KFL SNAPR2 SID DME 20211209_1234 EST\KFL SNAPR2 SID DME 20211207.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KFL\KFL [IFPA] SNAPR2 20211209_1318 EST\KFL-RW10R-DER_ZOMBI\KFL SNAPR2 SID KFL RW10R ZOMBI 20211209_1318 EST.pdf
Procedure Name:	SNAPR2
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/09/2021 13:18 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
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"	1732.9	VNAV	200	FLY_BY	TF
CUDEL	WP	N26° 03' 56.030", W079° 49' 51.840"	3647.5	VNAV	200	FLY_BY	TF
ZOMBI	WP	N26° 02' 13.572", W079° 38' 53.408"	5653.2	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 SNAPR2 path KFL:RW10R:DER_ZOMBI

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:	ZEF,ZFP,ZGV,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 %	9.9 %
2	ZBV	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	H	IFPA	NO	Enabled	41.2 %	44.5 %
3	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	44.5 %	44.9 %
4	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	53.2 %	54.4 %
5	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	44.5 %	44.9 %
6	ZEF	N23° 33' 20.610", W075° 51' 52.990"	5.0 W	40	L	IFPA	NO	Disabled		
7	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
8	ZGV	N25° 15' 27.000", W076° 18' 31.000"	5.0 W	130	H	IFPA	NO	Disabled		
9	ZQA	N25° 01' 31.800", W077° 26' 47.100"	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		

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0						
2.8	VKZ	FLL	PBI	DHP		
5.5						
14.7	ZBV	DHP				
17.1	PBI	DHP	FLL	ZBV		

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' 57.190", W079° 51' 46.130"	9.1756

DME DME Assessment Results for SNAPR2 path KFL:RW10R:DER_ZOMBI

Available DMEs by Waypoints

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

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] SNAPR1 SID_20210322_1515 EDT.udt

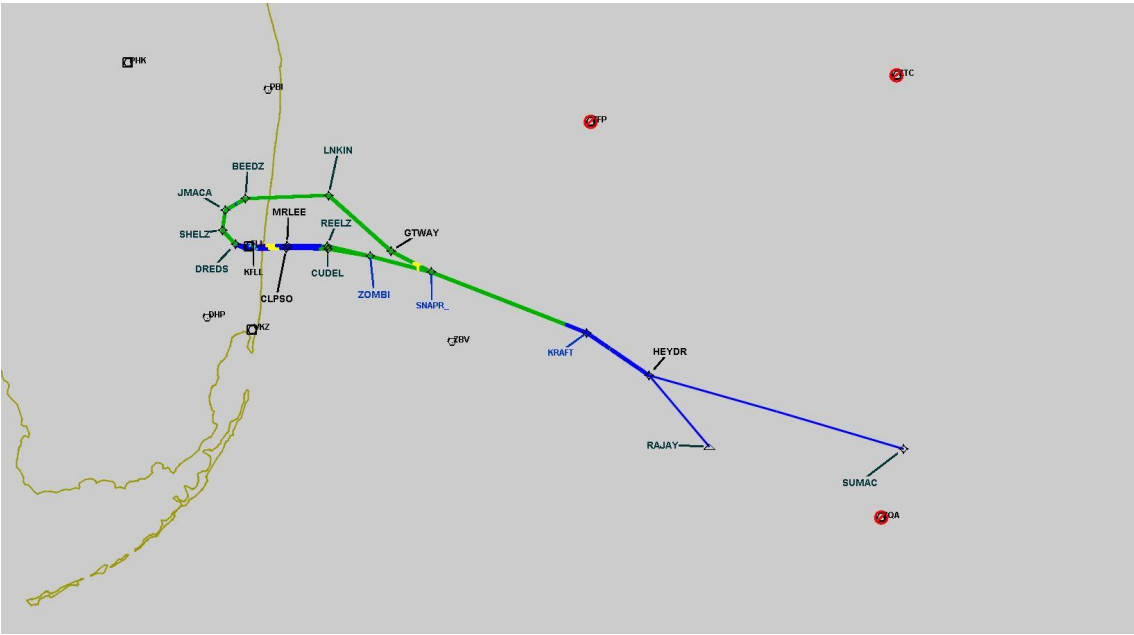
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	PHK FAA 900991-44 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-44	
ESV:		Bearing [True]: 111.0° to 145.0° Bearing [Mag]: 111.0° to 145.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 16000.0 ft		
3	DHP FAA 955264-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955264-047	
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		
4	PBI FAA 882483-76 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-76	
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		
5	PHK FAA 900991-065 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-065	
ESV:		Bearing [True]: 110.0° to 130.0° Bearing [Mag]: 110.0° to 130.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		



DME DME Assessment Results for SNAPR2 path KFL:RW10R:DER_ZOMBI

Graphic Depiction 1



DME DME Assessment Results for SNAPR2 path KFL:RW28L:DER_RAJAY

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\KFL\KFL SNAPR2 SID DME 20211209_1234 EST\KFL SNAPR2 SID DME 20211207.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KFL\KFL [IFPA] SNAPR2 20211209_1318 EST\KFL-RW28L-DER_RAJAY\KFL SNAPR2 SID KFL RW28L RAJAY 20211209_1318 EST.pdf
Procedure Name:	SNAPR2
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/09/2021 13:18 EST
Databases:	DTED MAX

Failures

No Failures

Warnings

GNSS_ONLY HEYDR_____RAJAY 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
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"	1001.2	VNAV	200	FLY_BY	TF
SHELZ	WP	N26° 08' 10.810", W080° 17' 05.350"	1905	VNAV	200	FLY_BY	TF
JMACA	WP	N26° 12' 53.350", W080° 16' 18.650"	2854.4	VNAV	200	FLY_BY	TF
BEEDZ	WP	N26° 15' 35.810", W080° 11' 04.490"	3939.8	VNAV	200	FLY_BY	TF
LNKIN	WP	N26° 16' 21.300", W079° 49' 40.000"	7791.7	VNAV	200	FLY_BY	TF
GTWAY	WP	N26° 03' 22.690", W079° 33' 27.290"	11691.3	VNAV	240	FLY_BY	TF
SNAPR_	WP	N25° 58' 30.370", W079° 23' 03.150"	13000	VNAV	240	FLY_BY	TF
KRAFT	WP	N25° 44' 28.830", W078° 42' 58.240"	13000	VNAV	240	FLY_BY	TF
HEYDR	WP	N25° 34' 37.450", W078° 26' 54.780"	17000	VNAV	240	FLY_BY	TF
RAJAY	WP	N25° 18' 02.780", W078° 11' 09.510"	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 SNAPR2 path KFL:RW28L:DER_RAJAY

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	
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:	ZEF,ZFP,ZGV,ZQA,ZTC

DME DME Assessment Results for SNAPR2 path KFL:RW28L:DER_RAJAY

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	57 %	56.7 %
2	VKZ	N25° 45' 06.846", W080° 09' 15.996"	4.0 W	130	H	IFPA	NO	Enabled	8.5 %	7.7 %
3	ZBV	N25° 42' 15.000", W079° 17' 40.000"	4.0 W	130	H	IFPA	NO	Enabled	56.1 %	56 %
4	FLL	N26° 04' 26.183", W080° 09' 59.192"	6.0 W	130	H	IFPA	NO	Enabled	43.6 %	40.4 %
5	DHP	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	H	IFPA	NO	Enabled	64.8 %	63.2 %
6	PBI	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	H	IFPA	NO	Enabled	52 %	50 %
7	ZEF	N23° 33' 20.610", W075° 51' 52.990"	5.0 W	40	L	IFPA	NO	Disabled		
8	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
9	ZGV	N25° 15' 27.000", W076° 18' 31.000"	5.0 W	130	H	IFPA	NO	Disabled		
10	ZQA	N25° 01' 31.800", W077° 26' 47.100"	6.0 W	130	H	IFPA	NO	Disabled		
11	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						
3.6	FLL	DHP				
5.7	FLL	DHP	PBI			
11.3	FLL	DHP				
13.2	FLL	PBI	DHP			
15.1	FLL	DHP				
16.1						
16.4	PHK	PBI	DHP			
16.6	PHK	DHP	PBI	VKZ		
18.5	PHK	DHP	PBI	VKZ	FLL	
27.8	PHK	FLL	ZBV	DHP	PBI	
46.8	DHP	PBI	ZBV	FLL		
48.9	DHP	PBI	ZBV	FLL	PHK	
65.2	DHP	ZBV	PBI	PHK		
81.9	PHK	ZBV	DHP			
96.2	PHK	ZBV				
101.5						
113.4	ZBV	PBI	VKZ	DHP		
113.6						

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' 21.235", W080° 13' 28.777"	N26° 14' 31.181", W080° 13' 09.542"	0.3323
3	N25° 46' 20.803", W078° 48' 15.872"	N25° 40' 41.933", W078° 36' 47.930"	11.8503

DME DME Assessment Results for SNAPR2 path KFL:RW28L:DER_RAJAY

Available DMEs by Waypoints

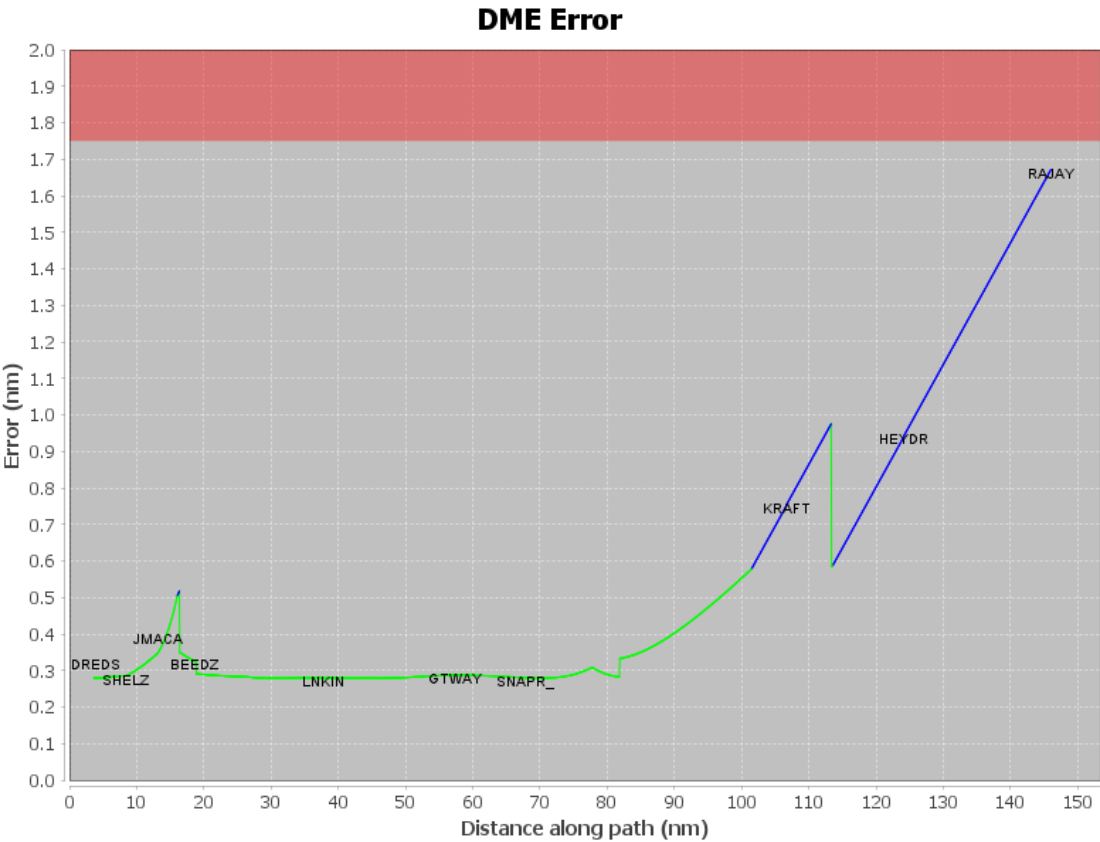
Waypoint Before	Waypoint After	DME List
KFL:RW28L:DER	DREDS	FLL, DHP
DREDS	SHELZ	PBI, FLL, DHP
SHELZ	JMACA	PBI, FLL, DHP
JMACA	BEEDZ	PHK, VKZ, PBI, FLL, DHP
BEEDZ	LNKIN	PHK, VKZ, PBI, FLL, DHP, ZBV
LNKIN	GTWAY	PHK, PBI, FLL, DHP, ZBV
GTWAY	SNAPR_	PHK, PBI, FLL, DHP, ZBV
SNAPR_	KRAFT	PHK, PBI, DHP, ZBV
KRAFT	HEYDR	VKZ, PBI, DHP, ZBV
HEYDR	RAJAY	

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] SNAPR1 SID_ 20210322_ 1515 EDT.udt

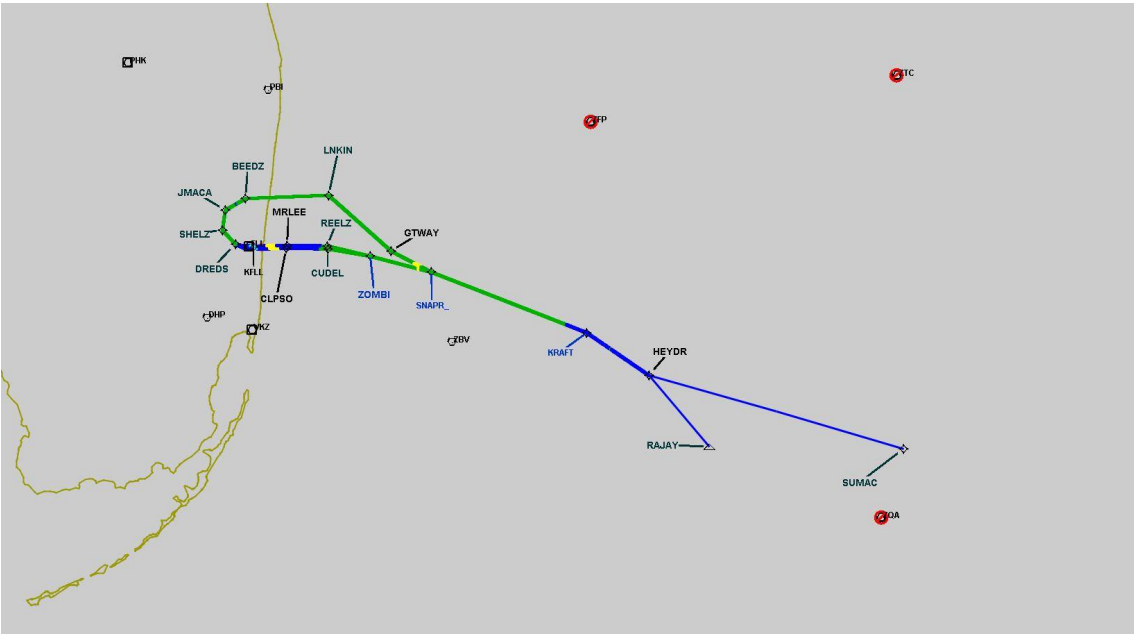
User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	PHK FAA 900991-44 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-44	
ESV:		Bearing [True]: 111.0° to 145.0° Bearing [Mag]: 111.0° to 145.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 16000.0 ft		
3	DHP FAA 955264-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955264-047	
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		
4	PBI FAA 882483-76 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-76	
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		
5	PHK FAA 900991-065 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-065	
ESV:		Bearing [True]: 110.0° to 130.0° Bearing [Mag]: 110.0° to 130.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		



DME DME Assessment Results for SNAPR2 path KFL:RW28L:DER_RAJAY

Graphic Depiction 1



DME DME Assessment Results for SNAPR2 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\FLMP May 2022 DME Evaluations\KFL\KFL SNAPR2 SID DME 20211209_1234 EST\KFL SNAPR2 SID DME 20211207.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KFL\KFL [IFPA] SNAPR2 20211209_1318 EST\KFL-RW28R-DER_DREDS\KFL SNAPR2 SID KFL RW28R DREDS 20211209_1318 EST.pdf
Procedure Name:	SNAPR2
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/09/2021 13:18 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
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"	1001.2	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 SNAPR2 path KLL: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:	ZEF,ZFP,ZGV,ZQA,ZTC

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	ZEF	N23° 33' 20.610", W075° 51' 52.990"	5.0 W	40	L	IFPA	NO	Disabled		
2	ZFP	N26° 33' 19.250", W078° 41' 52.250"	3.0 W	130	H	IFPA	NO	Disabled		
3	ZGV	N25° 15' 27.000", W076° 18' 31.000"	5.0 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						

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
KLL:RW28R:DER	DREDS	

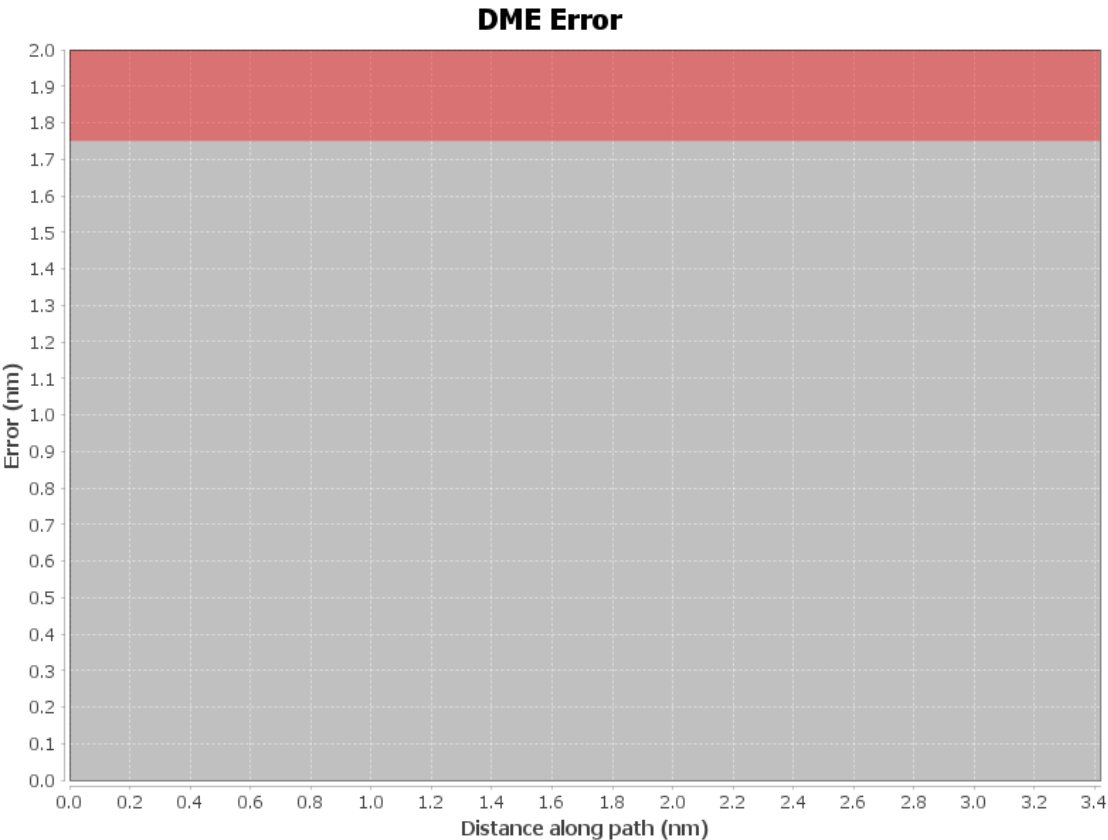
DME DME Assessment Results for SNAPR2 path KFL:RW28R:DER_DREDS

User Data Files

#	File Name
1	UserDMEsKFL [IFPA] SNAPR1 SID_20210322_1515 EDT.udt

User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	PHK FAA 900991-44 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-44	
ESV:		Bearing [True]: 111.0° to 145.0° Bearing [Mag]: 111.0° to 145.0°				Arc Distance: Out to 65.0 NM Altitude: 3500.0 to 16000.0 ft		
3	DHP FAA 955264-047 DHP [IFPA]	N25° 47' 59.866", W080° 20' 56.526"	4.0 W	130	5.9	113.9	DHP FAA 955264-047	
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		
4	PBI FAA 882483-76 PBI [IFPA]	N26° 40' 48.198", W080° 05' 11.359"	3.0 W	130	15.7	115.7	PBI FAA 882483-76	
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		
5	PHK FAA 900991-065 PHK [IFPA]	N26° 46' 57.873", W080° 41' 29.157"	0.0 E	130	15.5	115.4	PHK FAA 900991-065	
ESV:		Bearing [True]: 110.0° to 130.0° Bearing [Mag]: 110.0° to 130.0°				Arc Distance: Out to 119.0 NM Altitude: 10000.0 to 18000.0 ft		



DME DME Assessment Results for SNAPR2 path KFL:RW28R:DER_DREDS

Graphic Depiction 1

