

## DME DME Assessment Results for GRNCH3 path BLAYK\_YAGGO

### 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\KMCO\KMCO GRNCH3 STAR DME 20211110_1343 EST\KMCO GRNCH3 STAR DME_211110.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMCO\KMCO [IFPA] GRNCH3 20211210_1512 EST\BLAYK_YAGGO\KMCO GRNCH3 RNAV STAR BLAYK YAGGO 20211210_1512 EST.pdf
Procedure Name:	GRNCH3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/10/2021 15:12 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
BLAYK	WP	N28° 52' 47.100", W081° 39' 54.250"	8000	VNAV	280	FLY_BY	TF
BUNIE	WP	N28° 47' 29.000", W081° 32' 04.000"	6000	VNAV	230	FLY_BY	TF
YAGGO	WP	N28° 44' 14.280", W081° 26' 19.080"	3000	VNAV	210	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMCO [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for GRNCH3 path BLAYK\_YAGGO

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	LAL	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
2	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled		
3	OCF	N29° 10' 38.918", W082° 13' 34.802"	0.0 E	40	L	IFPA	NO	Enabled	31 %	33.8 %
4	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	OMN	ORL	LAL	OCF		
0.1	LAL	OCF	ORL			
5.0	LAL	ORL				

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
BLAYK	BUNIE	OMN, OCF, LAL, ORL
BUNIE	YAGGO	LAL, ORL

## DME DME Assessment Results for GRNCH3 path BLAYK\_YAGGO

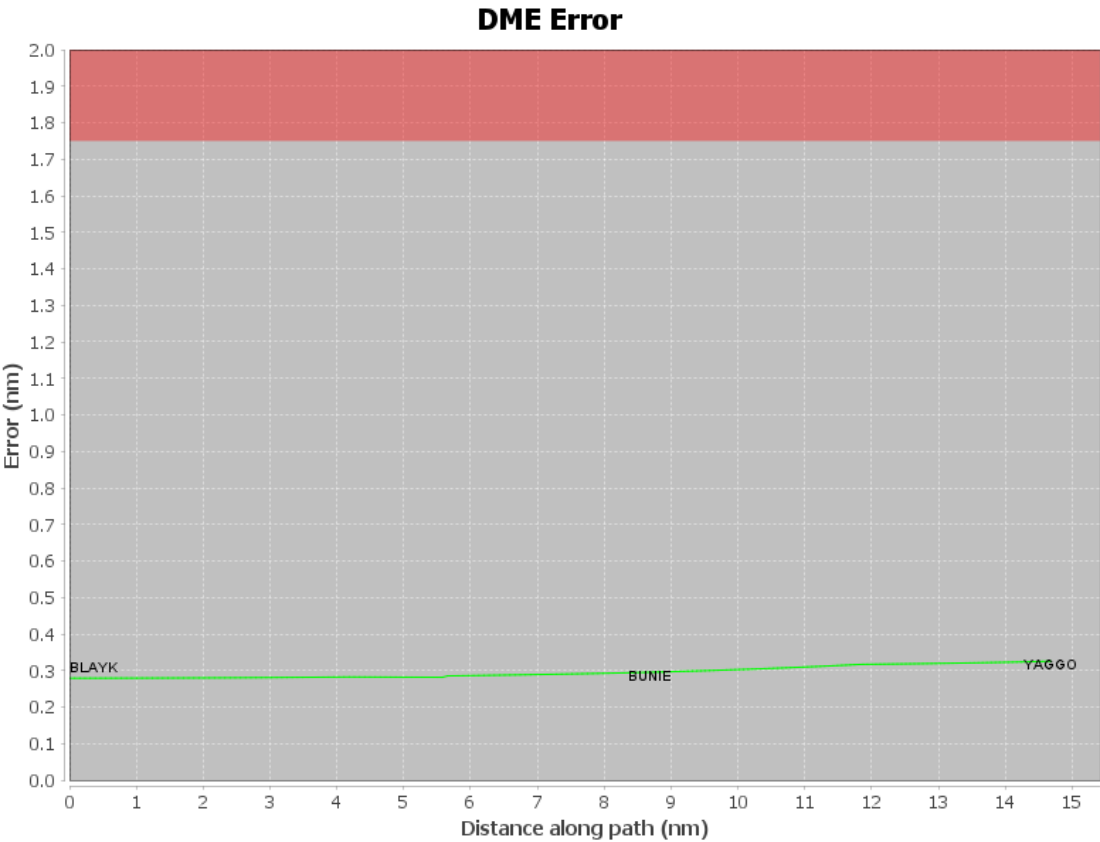
### User Data Files

#	File Name
None	

### User DMEs

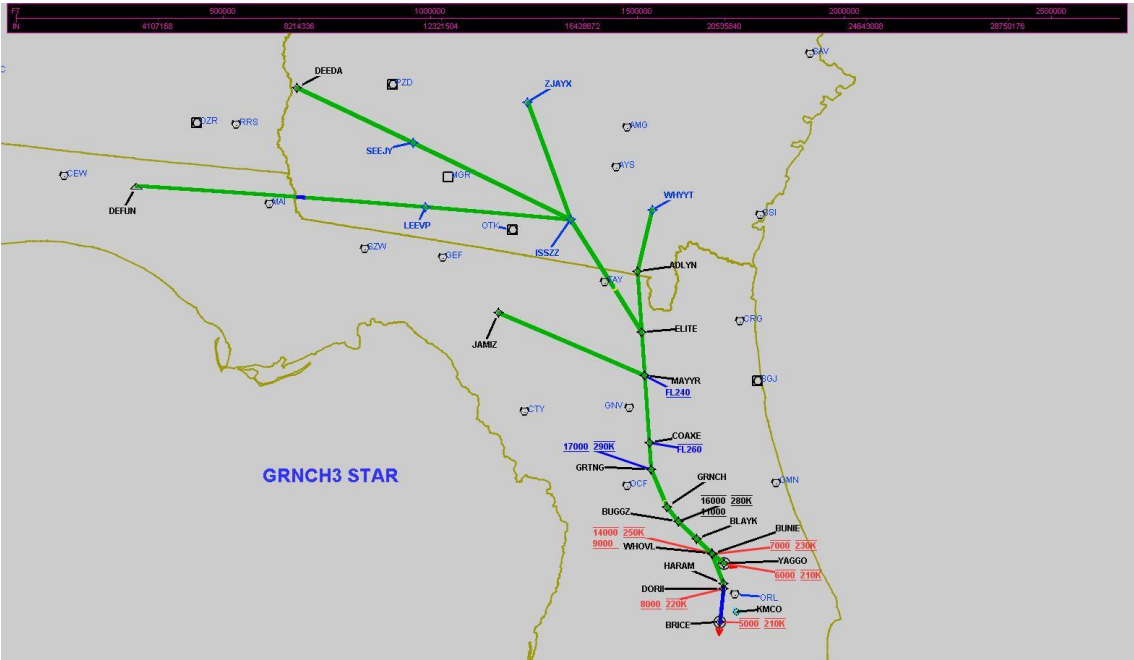
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LAL FAA 704224-41 LAL [IFPA]	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	133.8	116.0	LAL FAA 704224-41	
ESV:		Bearing [True]: 360.0° to 77.0° Bearing [Mag]: 359.0° to 76.0°				Arc Distance: Out to 70.0 NM Altitude: 3000.0 to 18000.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707", W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		

DME DME Assessment Results for GRNCH3 path BLAYK\_YAGGO

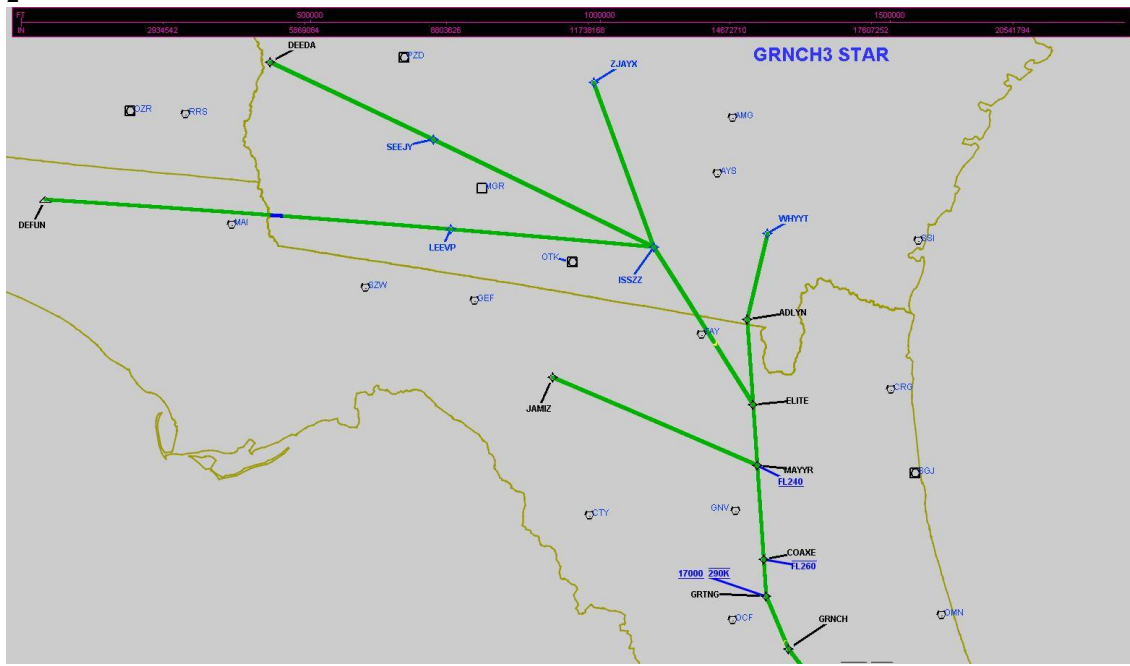


DME DME Assessment Results for GRNCH3 path BLAYK\_YAGGO

Graphic Depiction 1

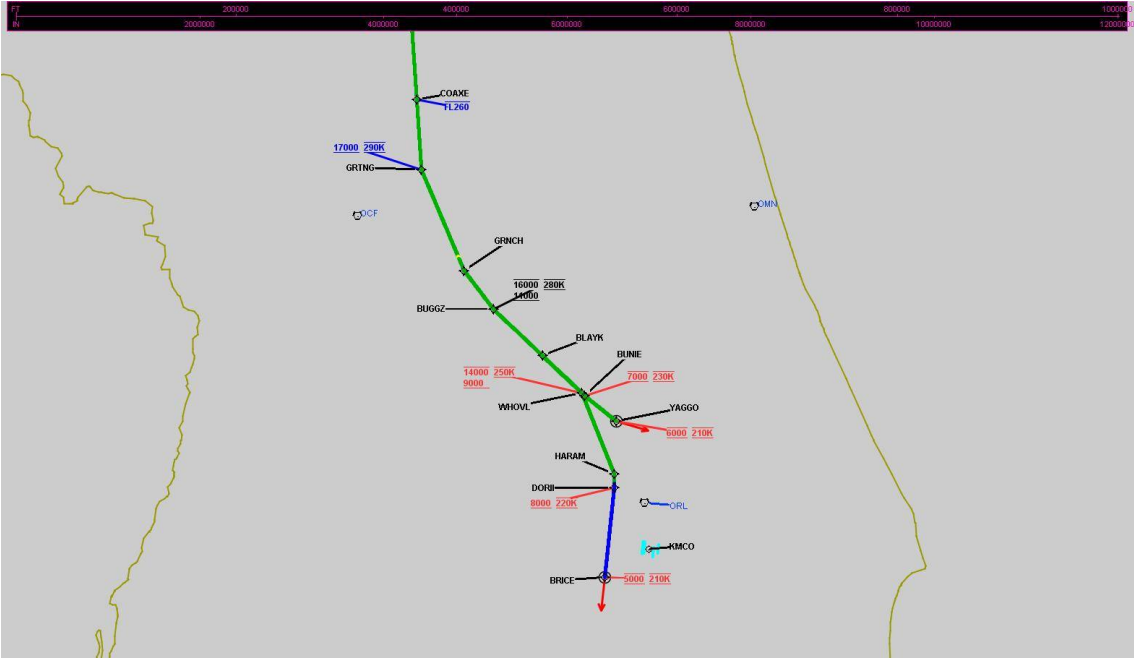


### Graphic Depiction 2



DME DME Assessment Results for GRNCH3 path BLAYK\_YAGGO

Graphic Depiction 3



## DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE

### 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\KMCO\KMCO GRNCH3 STAR DME 20211110_1343 EST\KMCO GRNCH3 STAR DME_211110.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMCO\KMCO [IFPA] GRNCH3 20211210_1512 EST\DEEDA_BRICE\KMCO GRNCH3 RNAV STAR DEEDA BRICE 20211210_1512 EST.pdf
Procedure Name:	GRNCH3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/10/2021 15:12 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
DEEDA	WP	N31° 34' 13.550", W085° 00' 31.100"	18000	VNAV	290	FLY_BY	TF
SEEJY	WP	N31° 17' 13.543", W084° 05' 32.720"	18000	VNAV	290	FLY_BY	TF
ISSZZ	WP	N30° 53' 30.714", W082° 51' 24.692"	18000	VNAV	290	FLY_BY	TF
ELITE	WP	N30° 12' 02.600", W082° 14' 12.510"	18000	VNAV	290	FLY_BY	TF
MAYYR	WP	N29° 55' 03.100", W082° 10' 50.900"	18000	VNAV	290	FLY_BY	TF
COAXE	WP	N29° 28' 45.800", W082° 05' 37.250"	16000	VNAV	290	FLY_BY	TF
GRTNG	WP	N29° 18' 25.970", W082° 03' 34.870"	16000	VNAV	290	FLY_BY	TF
GRNCH	WP	N29° 04' 09.000", W081° 54' 36.000"	11000	VNAV	290	FLY_BY	TF
BUGGZ	WP	N28° 58' 53.000", W081° 48' 57.000"	10000	VNAV	280	FLY_BY	TF
BLAYK	WP	N28° 52' 47.100", W081° 39' 54.250"	8000	VNAV	280	FLY_BY	TF
WHOVL	WP	N28° 47' 48.910", W081° 32' 33.400"	8000	VNAV	250	FLY_BY	TF
HARAM	WP	N28° 36' 19.440", W081° 25' 40.100"	7000	VNAV	250	FLY_BY	TF
DORII	WP	N28° 34' 16.140", W081° 25' 26.980"	6000	VNAV	220	FLY_BY	TF
BRICE	WP	N28° 20' 53.000", W081° 25' 27.000"	3000	VNAV	210	FLY_OVER	TF



## DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE

Flyability	
Flight Type:	RNAV_STAR
Selected Airport:	KMCO [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

DME/DME	
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:	None

**DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE**

<b>DME/DME (Continued)</b>										
<b>DMEs Used</b>										
<b>#</b>	<b>Name</b>	<b>Lat/Lon</b>	<b>MAGVAR</b>	<b>Range</b>	<b>Type</b>	<b>Source</b>	<b>Critical</b>	<b>Status</b>	<b>Time</b>	<b>Distance</b>
1	LAL	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	H	IFPA	NO	Enabled	22.7 %	22.2 %
2	LGC	N33° 02' 56.828", W085° 12' 22.397"	1.0 E	130	H	IFPA	NO	Enabled	4.9 %	5 %
3	OTK	N30° 46' 49.599", W083° 16' 47.024"	2.0 W	130	H	IFPA	NO	Enabled	69.9 %	71.6 %
4	MGM	N32° 13' 20.214", W086° 19' 11.018"	3.0 E	130	H	IFPA	NO	Enabled	7.4 %	7.5 %
5	RRS	N31° 17' 04.514", W085° 25' 52.355"	2.0 E	40	L	IFPA	NO	Enabled	4.8 %	4.9 %
6	MCN	N32° 41' 28.266", W083° 38' 49.860"	1.0 E	130	H	IFPA	NO	Enabled	27.7 %	28.3 %
7	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	27.7 %	27.4 %
8	TAY	N30° 30' 16.696", W082° 33' 10.452"	3.0 W	130	H	IFPA	NO	Enabled	54.4 %	55.7 %
9	CRG	N30° 20' 19.965", W081° 30' 35.738"	3.0 W	130	H	IFPA	NO	Enabled	43.8 %	44.9 %
10	PZD	N31° 39' 18.741", W084° 17' 35.162"	2.0 W	40	L	IFPA	NO	Enabled	22.1 %	22.6 %
11	EUF	N31° 57' 00.903", W085° 07' 49.726"	2.0 E	40	L	IFPA	NO	Enabled	6.3 %	6.4 %
12	MGR	N31° 04' 56.166", W083° 48' 15.176"	0.0 E	40	L	IFPA	NO	Enabled	24.4 %	24.9 %
13	GEF	N30° 33' 04.830", W083° 46' 59.278"	1.0 E	40	L	IFPA	NO	Enabled	1.7 %	1.7 %
14	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled	38.8 %	39.6 %
15	GNV	N29° 41' 31.613", W082° 16' 22.701"	4.0 W	40	L	IFPA	NO	Enabled	25.6 %	26.3 %
16	PIE	N27° 54' 27.952", W082° 41' 03.513"	5.0 W	130	H	IFPA	NO	Enabled	3.9 %	4.1 %
17	CEW	N30° 49' 34.225", W086° 40' 44.916"	3.0 E	130	H	IFPA	NO	Enabled	0.2 %	0.2 %
18	OCF	N29° 10' 38.918", W082° 13' 34.802"	0.0 E	40	L	IFPA	NO	Enabled	23.3 %	23.7 %
19	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	51.9 %	53.1 %
20	AYS	N31° 16' 09.931", W082° 33' 23.204"	0.0 E	40	L	IFPA	NO	Enabled	12.3 %	12.6 %
21	SZW	N30° 33' 22.418", W084° 22' 26.192"	2.0 E	130	H	IFPA	NO	Enabled	49.2 %	50.3 %

# DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PZD	EUF	RRS	SZW	LGC	MGM
14.6	PZD	SZW	EUF	MCN	LGC	OTK
14.7	PZD	SZW	EUF	MCN	OTK	MGM
19.0	PZD	SZW	MCN	OTK	MGM	
22.3	PZD	SZW	OTK	MCN		
29.5	MGR	PZD	OTK	MCN	SZW	
66.4	SZW	OTK	PZD	TAY	AMG	MCN
66.7	SZW	OTK	TAY	AMG	MCN	
83.9	AMG	OTK	SZW	TAY	MGR	
106.9	TAY	OTK	AMG	AYS	SZW	CRG
135.9	AMG	OTK	CRG	SZW	TAY	
140.6	AMG	CRG	OTK	SZW		
148.0	AMG	CRG	OTK			
149.6	AMG	CRG	OTK	TAY	SZW	OMN
150.3	AMG	CRG	OTK	OMN		
161.4	GNV	CRG	AMG	OTK	TAY	OMN
188.9	TAY	CRG	OMN	GNV	OTK	ORL
212.6	OCF	OMN	CRG	GNV	ORL	LAL
227.3	OCF	GNV	ORL	OMN	CRG	PIE
227.4	OCF	GNV	OMN	CRG	PIE	
227.5	OCF	GNV	OMN	PIE		
227.5	OCF	GNV	OMN			
237.9	LAL	OCF	OMN	GNV		
238.9	LAL	OCF	OMN			
244.8	LAL	OCF	OMN	ORL		
263.1	OMN	ORL	LAL			
266.3	LAL	ORL				
280.5						

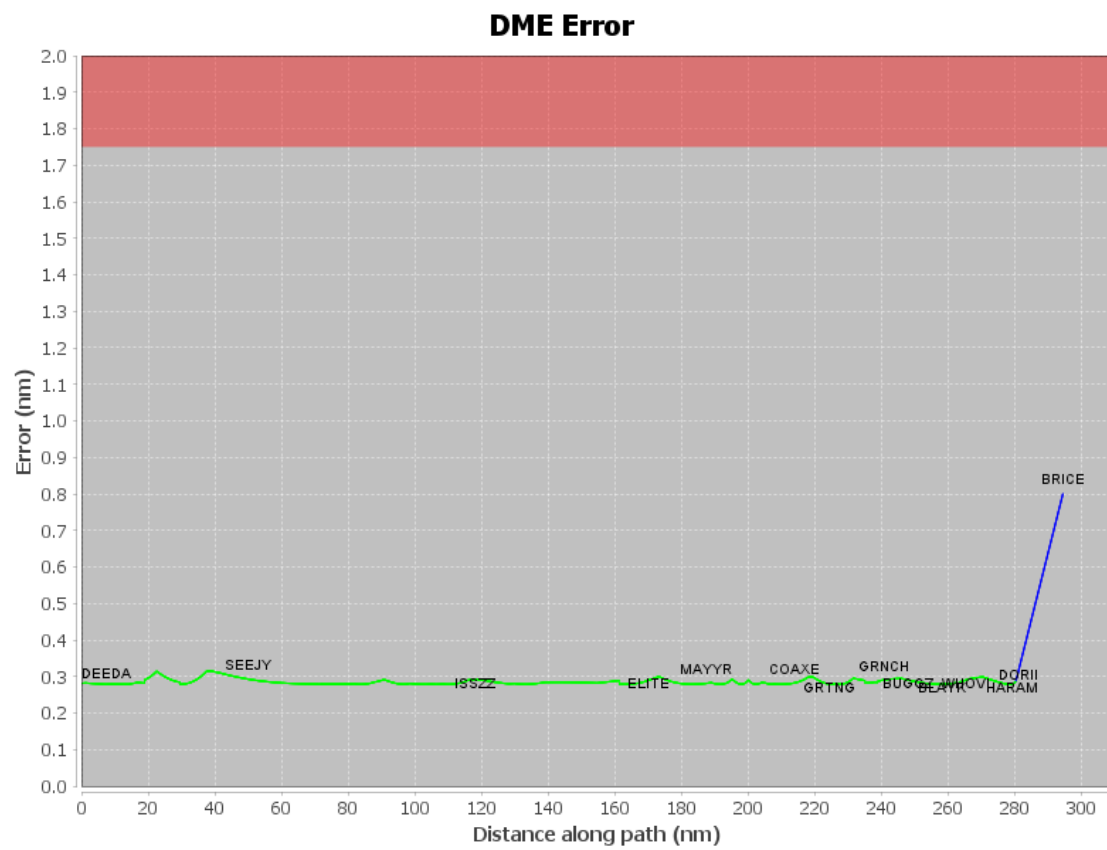
Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N28° 35' 01.350", W081° 25' 31.790"	N28° 20' 53.000", W081° 25' 27.000"	14.1072

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
DEEDA	SEEJY	SZW, MGM, RRS, CEW, EUF, OTK, LGC, MCN, MGR, PZD, AMG, TAY
SEEJY	ISSZZ	SZW, OTK, MCN, MGR, GEF, CRG, AMG, PZD, AYS, TAY
ISSZZ	ELITE	SZW, OMN, OTK, CRG, AMG, AYS, TAY, GNV
ELITE	MAYYR	OMN, OTK, ORL, CRG, AMG, TAY, GNV
MAYYR	COAXE	OMN, OCF, LAL, OTK, ORL, CRG, AMG, TAY, GNV
COAXE	GRTNG	OMN, OCF, LAL, ORL, CRG, TAY, PIE, GNV
GRTNG	GRNCH	OMN, OCF, LAL, ORL, CRG, TAY, PIE, GNV
GRNCH	BUGGZ	OMN, OCF, LAL, ORL
BUGGZ	BLAYK	OMN, OCF, LAL, ORL
BLAYK	WHOVL	OMN, OCF, LAL, ORL
WHOVL	HARAM	LAL, ORL
HARAM	DORII	LAL, ORL
DORII	BRICE	

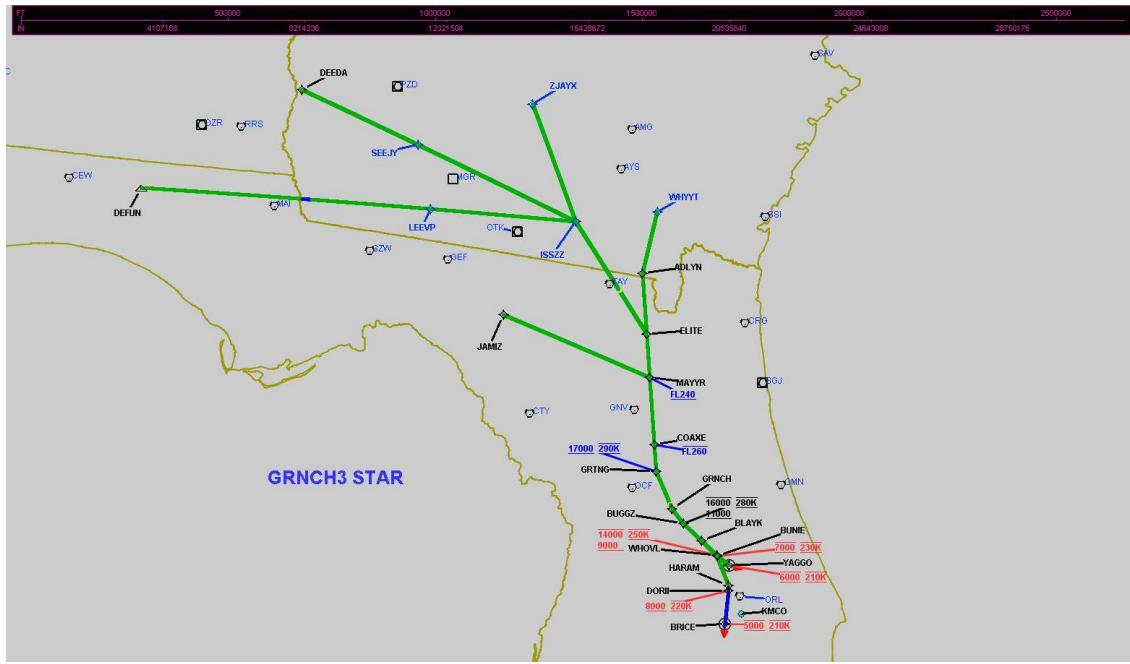
# DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LAL FAA 704224-41 LAL [IFPA]	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	133.8	116.0	LAL FAA 704224-41	
ESV:		Bearing [True]: 360.0° to 77.0° Bearing [Mag]: 359.0° to 76.0°				Arc Distance: Out to 70.0 NM Altitude: 3000.0 to 18000.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707", W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		

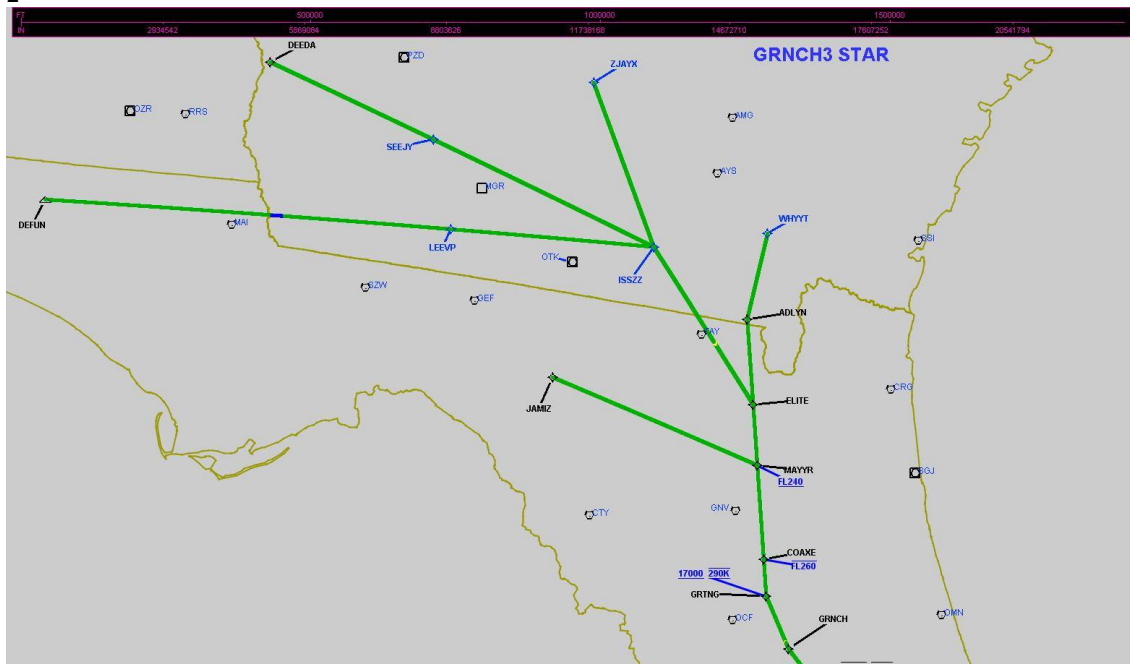
## DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE



### Graphic Depiction 1

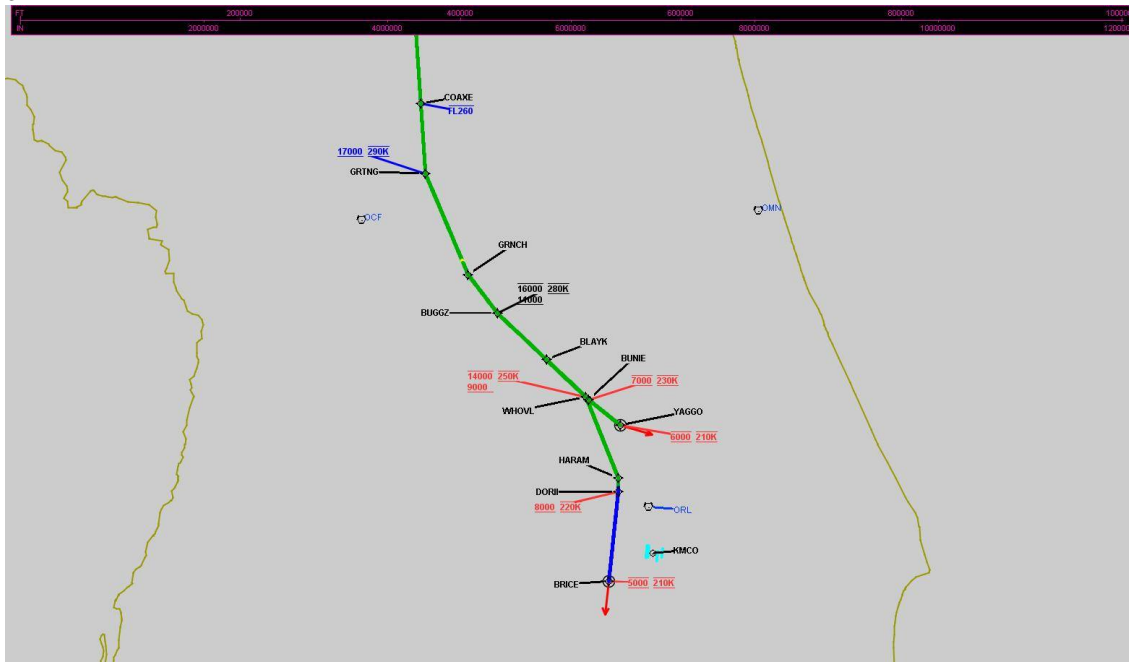


### Graphic Depiction 2



## DME DME Assessment Results for GRNCH3 path DEEDA\_BRICE

Graphic Depiction 3





## DME DME Assessment Results for GRNCH3 path DEFUN\_ISSZZ

### 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\KMCO\KMCO GRNCH3 STAR DME 20211110_1343 EST\KMCO GRNCH3 STAR DME_211110.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMCO\KMCO [IFPA] GRNCH3 20211210_1512 EST\DEFUN_ISSZZ\KMCO GRNCH3 RNAV STAR DEFUN ISSZZ 20211210_1512 EST.pdf
Procedure Name:	GRNCH3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/10/2021 15:12 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
DEFUN	WP	N30° 48' 51.270", W086° 07' 53.090"	18000	VNAV	290	FLY_BY	TF
LEEVP	WP	N30° 52' 30.119", W083° 57' 03.464"	18000	VNAV	290	FLY_BY	TF
ISSZZ	WP	N30° 53' 30.714", W082° 51' 24.692"	18000	VNAV	290	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMCO [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for GRNCH3 path DEFUN\_ISSZZ

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	OZR	N31° 16' 08.215", W085° 43' 34.725"	3.0 W	40	L	IFPA	NO	Enabled	28.4 %	28.4 %
2	OTK	N30° 46' 49.599", W083° 16' 47.024"	2.0 W	130	H	IFPA	NO	Enabled	67.2 %	67.2 %
3	MGM	N32° 13' 20.214", W086° 19' 11.018"	3.0 E	130	H	IFPA	NO	Enabled	23.7 %	23.7 %
4	RRS	N31° 17' 04.514", W085° 25' 52.355"	2.0 E	40	L	IFPA	NO	Enabled	30.2 %	30.2 %
5	TAY	N30° 30' 16.696", W082° 33' 10.452"	3.0 W	130	H	IFPA	NO	Enabled	47.8 %	47.8 %
6	CRG	N30° 20' 19.965", W081° 30' 35.738"	3.0 W	130	H	IFPA	NO	Enabled	13.8 %	13.8 %
7	MGR	N31° 04' 56.166", W083° 48' 15.176"	0.0 E	40	L	IFPA	NO	Enabled	43.3 %	43.3 %
8	GEF	N30° 33' 04.830", W083° 46' 59.278"	1.0 E	40	L	IFPA	NO	Enabled	38.2 %	38.2 %
9	CEW	N30° 49' 34.225", W086° 40' 44.916"	3.0 E	130	H	IFPA	NO	Enabled	39.4 %	39.4 %
10	MAI	N30° 47' 10.305", W085° 07' 28.081"	0.0 E	40	L	IFPA	NO	Enabled	37.8 %	37.8 %
11	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	42.8 %	42.8 %
12	AYS	N31° 16' 09.931", W082° 33' 23.204"	0.0 E	40	L	IFPA	NO	Enabled	8.4 %	8.4 %
13	SZW	N30° 33' 22.418", W084° 22' 26.192"	2.0 E	130	H	IFPA	NO	Enabled	90.6 %	90.6 %

## DME DME Assessment Results for GRNCH3 path DEFUN\_ISSZZ

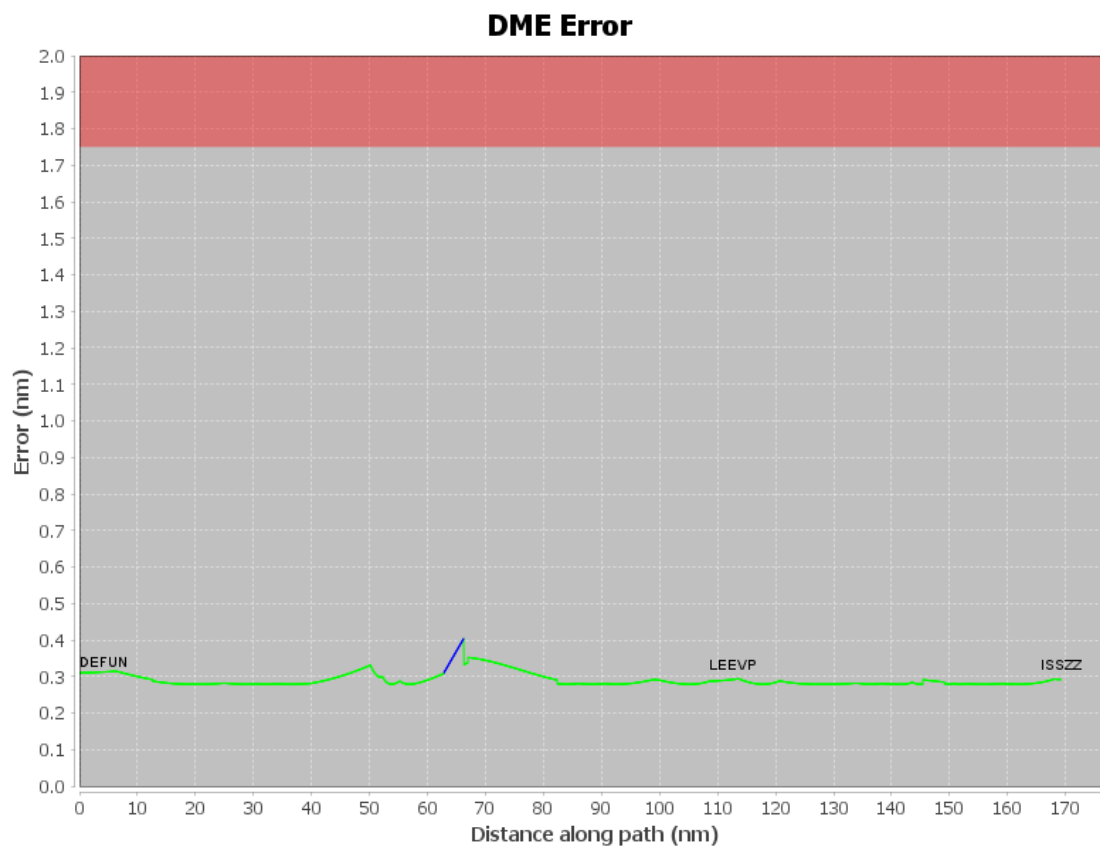
Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	MGM	CEW	OZR	SZW		
11.6	OZR	CEW	SZW	MGM	RRS	
40.1	RRS	CEW	MAI	SZW	OZR	
43.9	RRS	CEW	SZW	OZR		
47.5	RRS	CEW	OTK	SZW	OZR	
48.1	RRS	CEW	OTK	SZW		
50.5	RRS	CEW	OTK			
54.9	RRS	MAI	CEW	OTK		
62.8						
66.3	SZW	MAI				
66.9	SZW	MAI	OTK			
67.8	SZW	MAI	CEW	OTK		
71.8	SZW	MAI	OTK			
83.9	MGR	SZW	MAI	OTK		
88.3	SZW	MAI	OTK	MGR	TAY	
91.3	SZW	OTK	MGR	GEF	TAY	
145.4	TAY	AMG	GEF	MGR	SZW	
153.3	TAY	AMG	OTK	MGR	CRG	SZW
157.2	TAY	AMG	AYS	OTK	CRG	SZW

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N30° 51' 09.590", W084° 54' 57.808"	N30° 51' 16.021", W084° 50' 56.510"	3.4634

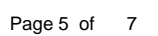
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
DEFUN	LEEVP	SZW, MGM, RRS, CEW, MAI, OZR, OTK, MGR, GEF, AMG, TAY
LEEVP	ISSZZ	SZW, OTK, MGR, GEF, CRG, AMG, AYS, TAY

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LAL FAA 704224-41 LAL [IFPA]	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	133.8	116.0	LAL FAA 704224-41	
ESV:		Bearing [True]: 360.0° to 77.0° Bearing [Mag]: 359.0° to 76.0°				Arc Distance: Out to 70.0 NM Altitude: 3000.0 to 18000.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707", W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		

## DME DME Assessment Results for GRNCH3 path DEFUN\_ISSZZ

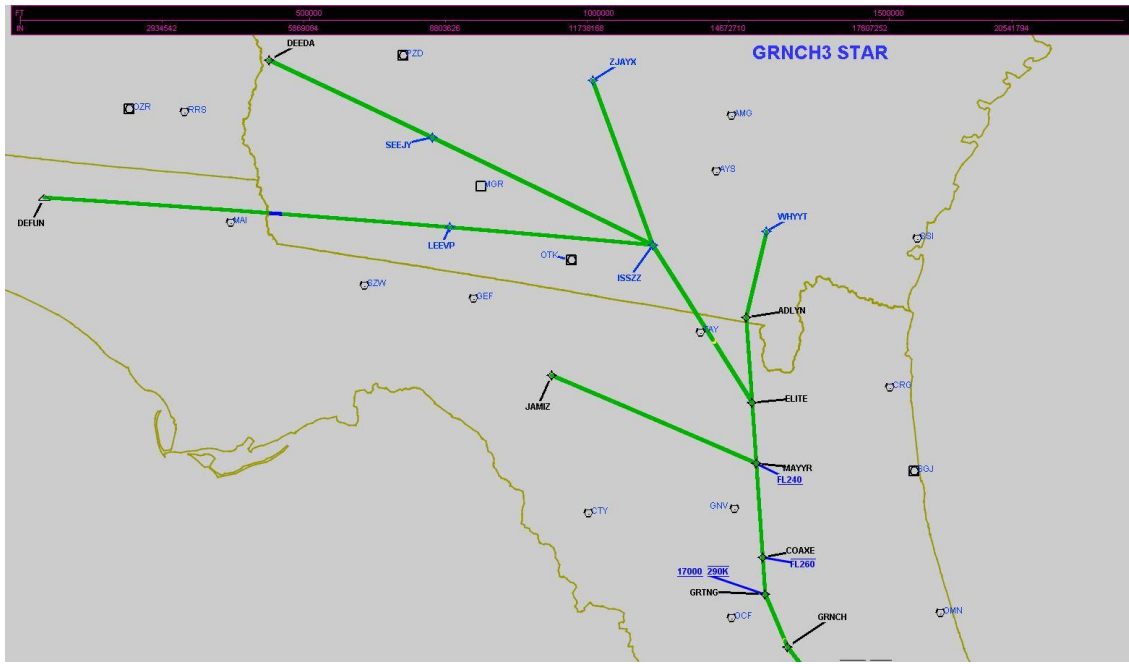


### Graphic Depiction 1



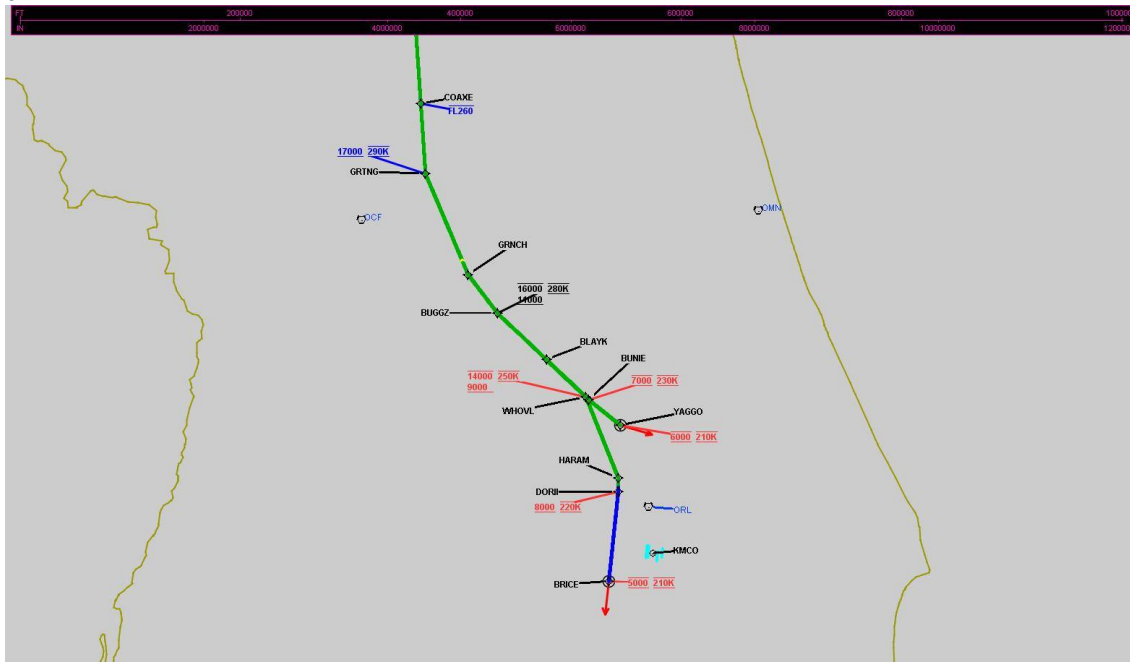
## DME DME Assessment Results for GRNCH3 path DEFUN\_ISSZZ

Graphic Depiction 2



# DME DME Assessment Results for GRNCH3 path DEFUN\_ISSZZ

Graphic Depiction 3



## DME DME Assessment Results for GRNCH3 path JAMIZ\_MAYYR

### 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\KMCO\KMCO GRNCH3 STAR DME 20211110_1343 EST\KMCO GRNCH3 STAR DME_211110.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMCO\KMCO [IFPA] GRNCH3 20211210_1512 EST\JAMIZ_MAYYR\KMCO GRNCH3 RNAV STAR JAMIZ MAYYR 20211210_1512 EST.pdf
Procedure Name:	GRNCH3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/10/2021 15:12 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
JAMIZ	WP	N30° 13' 46.910", W083° 19' 27.780"	18000	VNAV	290	FLY_BY	TF
MAYYR	WP	N29° 55' 03.100", W082° 10' 50.900"	18000	VNAV	290	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMCO [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan



## DME DME Assessment Results for GRNCH3 path JAMIZ\_MAYYR

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	TAY	N30° 30' 16.696", W082° 33' 10.452"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	CRG	N30° 20' 19.965", W081° 30' 35.738"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
3	OTK	N30° 46' 49.599", W083° 16' 47.024"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
4	GEF	N30° 33' 04.830", W083° 46' 59.278"	1.0 E	40	L	IFPA	NO	Enabled	13.5 %	13.5 %
5	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled	53.3 %	53.3 %
6	GNV	N29° 41' 31.613", W082° 16' 22.701"	4.0 W	40	L	IFPA	NO	Enabled	57.7 %	57.7 %
7	CTY	N29° 35' 56.403", W083° 02' 55.651"	2.0 W	40	L	IFPA	NO	Enabled	56.6 %	56.6 %
8	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	91.7 %	91.7 %
9	SZW	N30° 33' 22.418", W084° 22' 26.192"	2.0 E	130	H	IFPA	NO	Enabled	67.5 %	67.5 %
10	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	7.9 %	7.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	SZW	OTK	TAY	AMG	GEF	CRG
8.5	TAY	CTY	OTK	CRG	AMG	SZW
42.2	CTY	OTK	GNV	CRG	TAY	OMN
42.8	GNV	CRG	TAY	OTK	AMG	OMN
57.3	TAY	CRG	OTK	OMN	GNV	

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

## DME DME Assessment Results for GRNCH3 path JAMIZ\_MAYYR

### Available DMEs by Waypoints

Waypoint Before	Waypoint After	DME List
JAMIZ	MAYYR	SZW, OMN, OTK, ORL, GEF, CRG, CTY, AMG, TAY, GNV

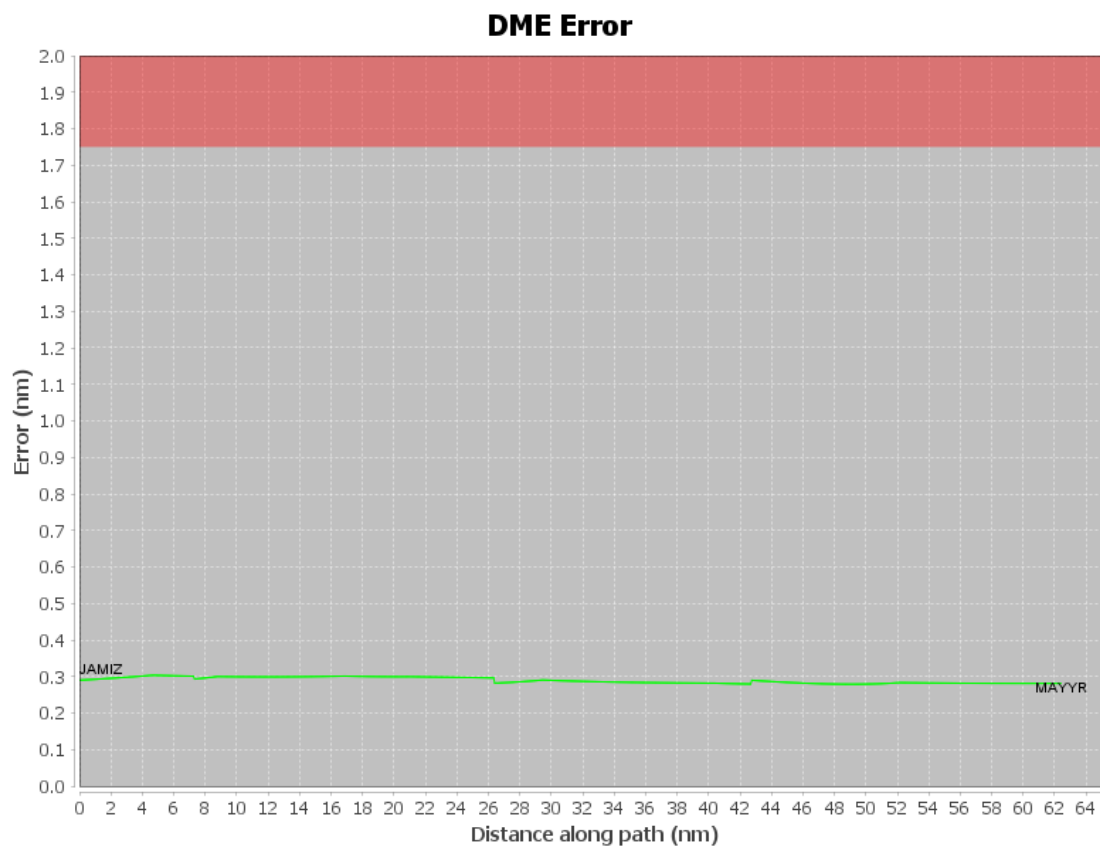
### User Data Files

#	File Name
None	

### User DMEs

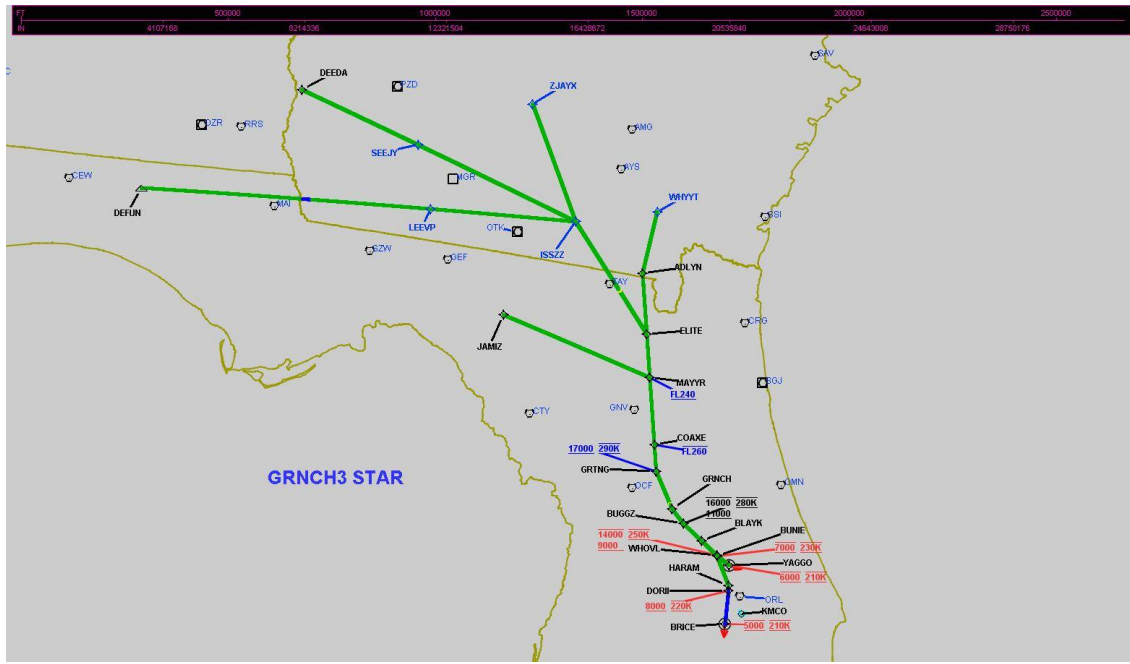
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LAL FAA 704224-41 LAL [IFPA]	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	133.8	116.0	LAL FAA 704224-41	
ESV:		Bearing [True]: 360.0° to 77.0° Bearing [Mag]: 359.0° to 76.0°				Arc Distance: Out to 70.0 NM Altitude: 3000.0 to 18000.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707", W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		

## DME DME Assessment Results for GRNCH3 path JAMIZ\_MAYYR

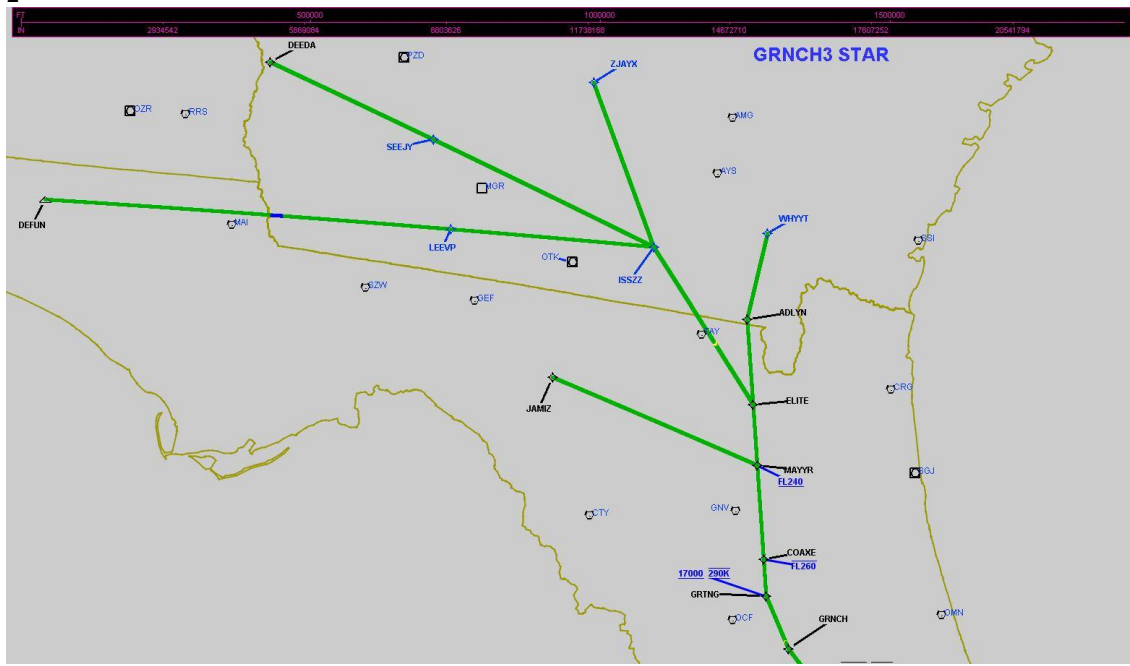


# DME DME Assessment Results for GRNCH3 path JAMIZ\_MAYYR

Graphic Depiction 1

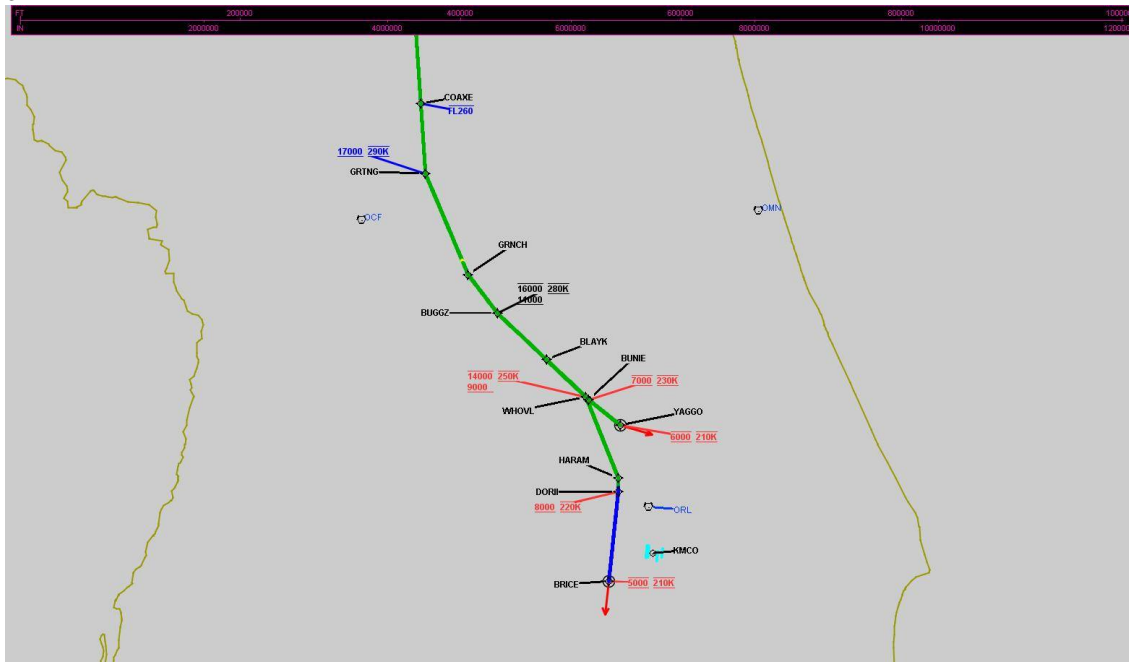


### Graphic Depiction 2



## DME DME Assessment Results for GRNCH3 path JAMIZ\_MAYYR

Graphic Depiction 3



## DME DME Assessment Results for GRNCH3 path WHYYT\_ELITE

### 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\KMCO\KMCO GRNCH3 STAR DME 20211110_1343 EST\KMCO GRNCH3 STAR DME_211110.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMCO\KMCO [IFPA] GRNCH3 20211210_1512 EST\WHYYT_ELITE\KMCO GRNCH3 RNAV STAR WHYYT ELITE 20211210_1512 EST.pdf
Procedure Name:	GRNCH3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/10/2021 15:12 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
WHYYT	WP	N31° 00' 45.370", W082° 15' 20.166"	18000	VNAV	290	FLY_BY	TF
ADLYN	WP	N30° 35' 53.970", W082° 19' 00.110"	18000	VNAV	290	FLY_BY	TF
ELITE	WP	N30° 12' 02.600", W082° 14' 12.510"	18000	VNAV	290	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMCO [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for GRNCH3 path WHYTYT\_ELITE

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	TAY	N30° 30' 16.696", W082° 33' 10.452"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	CRG	N30° 20' 19.965", W081° 30' 35.738"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
3	OTK	N30° 46' 49.599", W083° 16' 47.024"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
4	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled	44.7 %	44.7 %
5	GNV	N29° 41' 31.613", W082° 16' 22.701"	4.0 W	40	L	IFPA	NO	Enabled	17.5 %	17.5 %
6	SAV	N32° 08' 46.563", W081° 11' 56.780"	6.0 W	130	H	IFPA	NO	Enabled	26 %	26 %
7	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
8	AYS	N31° 16' 09.931", W082° 33' 23.204"	0.0 E	40	L	IFPA	NO	Enabled	41.5 %	41.5 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AMG	OTK	TAY	AYS	CRG	SAV
12.9	TAY	CRG	AMG	OTK	AYS	
20.5	AMG	OTK	TAY	CRG		
27.2	TAY	AMG	OTK	CRG	OMN	

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

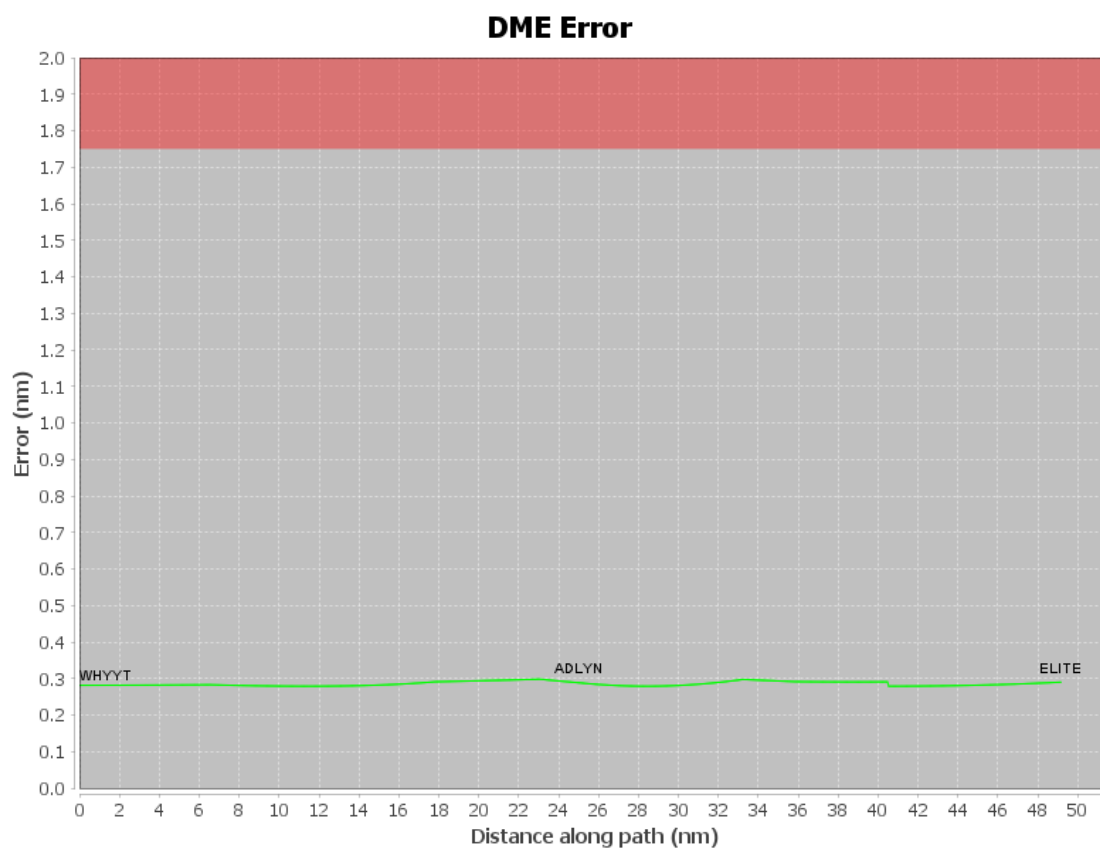
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
WHYYT	ADLYN	OTK, CRG, SAV, AMG, AYS, TAY
ADLYN	ELITE	OMN, OTK, CRG, AMG, TAY, GNV



# DME DME Assessment Results for GRNCH3 path WHYYT\_ELITE

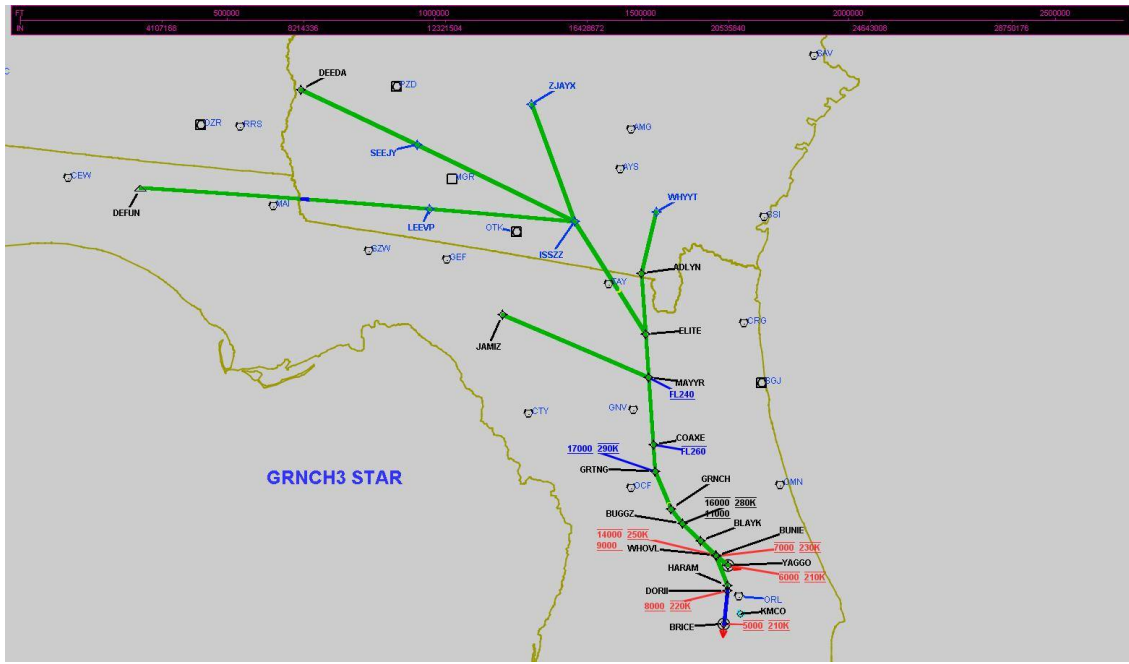
User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LAL FAA 704224-41 LAL [IFPA]	N27° 59' 10.310" W082° 00' 50.056"	1.0 E	130	133.8	116.0	LAL FAA 704224-41	
ESV:		Bearing [True]: 360.0° to 77.0° Bearing [Mag]: 359.0° to 76.0°				Arc Distance: Out to 70.0 NM Altitude: 3000.0 to 18000.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707" W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		

# DME DME Assessment Results for GRNCH3 path WHYYT\_ELITE

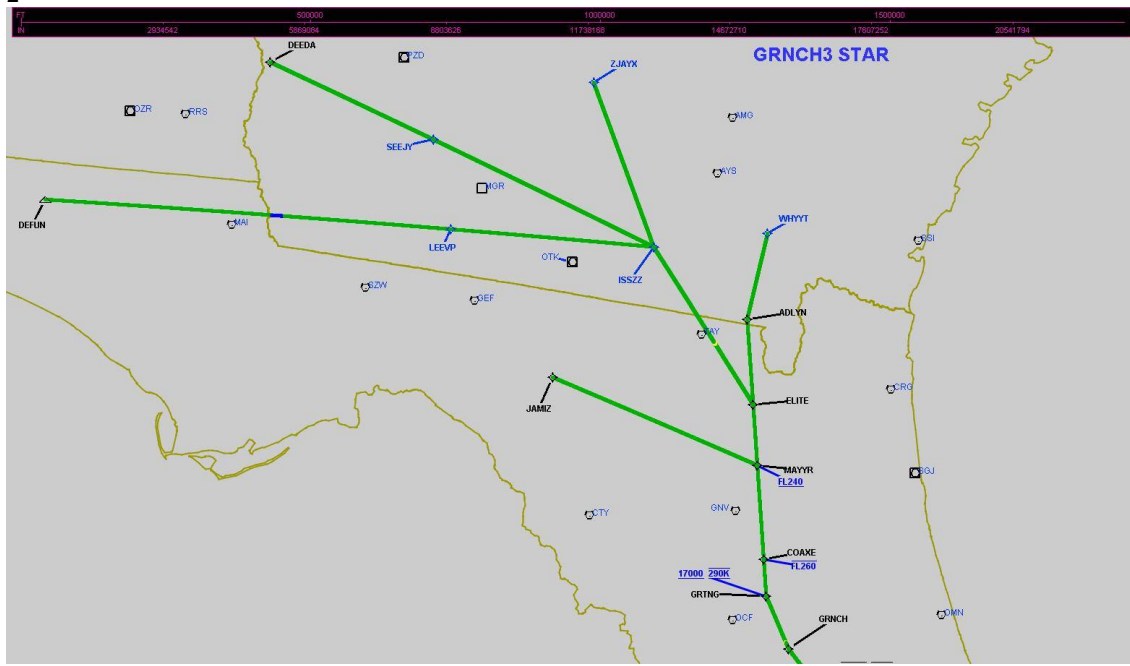


## DME DME Assessment Results for GRNCH3 path WHYYT\_ELITE

Graphic Depiction 1

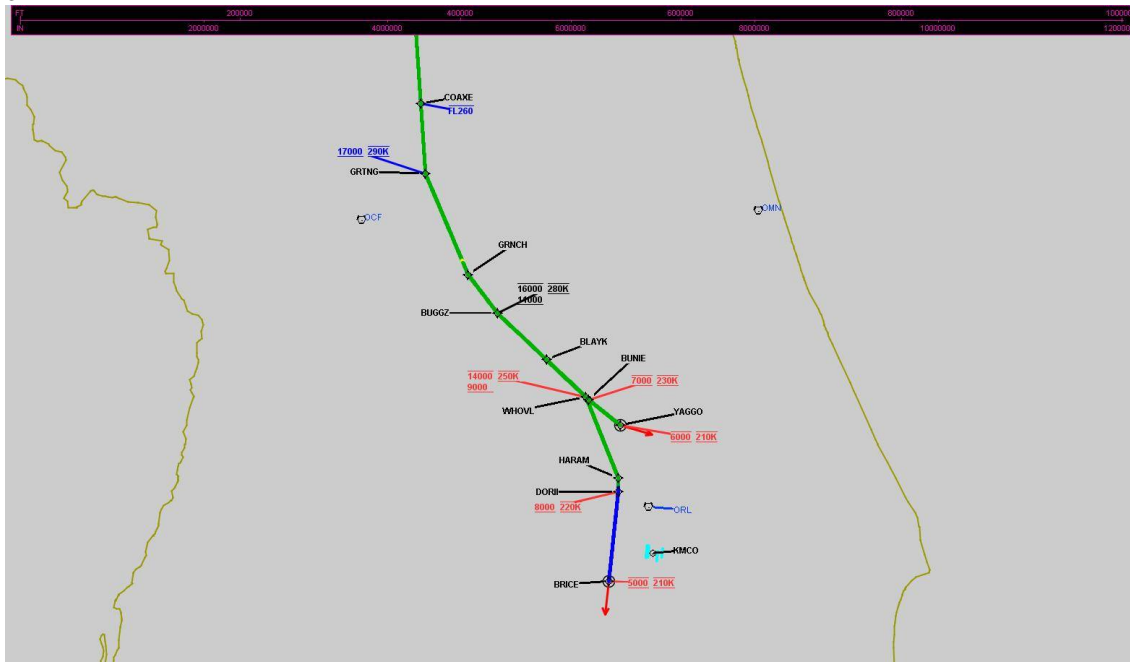


### Graphic Depiction 2



# DME DME Assessment Results for GRNCH3 path WHYYT\_ELITE

Graphic Depiction 3



## DME DME Assessment Results for GRNCH3 path ZJAYX\_ISSZZ

### 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\KMCO\KMCO GRNCH3 STAR DME 20211110_1343 EST\KMCO GRNCH3 STAR DME_211110.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KMCO\KMCO [IFPA] GRNCH3 20211210_1512 EST\ZJAYX_ISSZZ\KMCO GRNCH3 RNAV STAR ZJAYX ISSZZ 20211210_1512 EST.pdf
Procedure Name:	GRNCH3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/10/2021 15:12 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
ZJAYX	WP	N31° 38' 04.623", W083° 16' 12.790"	18000	VNAV	290	FLY_BY	TF
ISSZZ	WP	N30° 53' 30.714", W082° 51' 24.692"	18000	VNAV	290	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KMCO [IFPA]
Climb Gradient:	None assigned
Speeds:	200 Ground Speed to 11000 FT
	240 Ground Speed to 18000 FT
	260 Ground Speed to 24000 FT
	340 Ground Speed above 24000 FT
Descent During a Turn:	Allowed
VNAV Mode:	Flight Plan

## DME DME Assessment Results for GRNCH3 path ZJAYX\_ISSZZ

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:	None

DME/DME (Continued)										
DMEs Used										
#	Name	Lat/Lon	MAGVAR	Range	Type	Source	Critical	Status	Time	Distance
1	TAY	N30° 30' 16.696", W082° 33' 10.452"	3.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
2	CRG	N30° 20' 19.965", W081° 30' 35.738"	3.0 W	130	H	IFPA	NO	Enabled	51.3 %	51.3 %
3	OTK	N30° 46' 49.599", W083° 16' 47.024"	2.0 W	130	H	IFPA	NO	Enabled	100 %	100 %
4	VNA	N32° 12' 48.394", W083° 29' 50.123"	1.0 E	40	L	IFPA	NO	Enabled	5.4 %	5.4 %
5	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
6	MCN	N32° 41' 28.266", W083° 38' 49.860"	1.0 E	130	H	IFPA	NO	Enabled	67.8 %	67.8 %
7	AYS	N31° 16' 09.931", W082° 33' 23.204"	0.0 E	40	L	IFPA	NO	Enabled	86.8 %	86.8 %
8	SZW	N30° 33' 22.418", W084° 22' 26.192"	2.0 E	130	H	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	AMG	OTK	MCN	VNA	TAY	SZW
2.7	AMG	OTK	MCN	TAY	SZW	
33.5	TAY	AYS	AMG	SZW	OTK	CRG

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
ZJAYX	ISSZZ	SZW, OTK, VNA, MCN, CRG, AMG, AYS, TAY

## DME DME Assessment Results for GRNCH3 path ZJAYX\_ISSZZ

### User Data Files

#	File Name
	None

### User DMEs

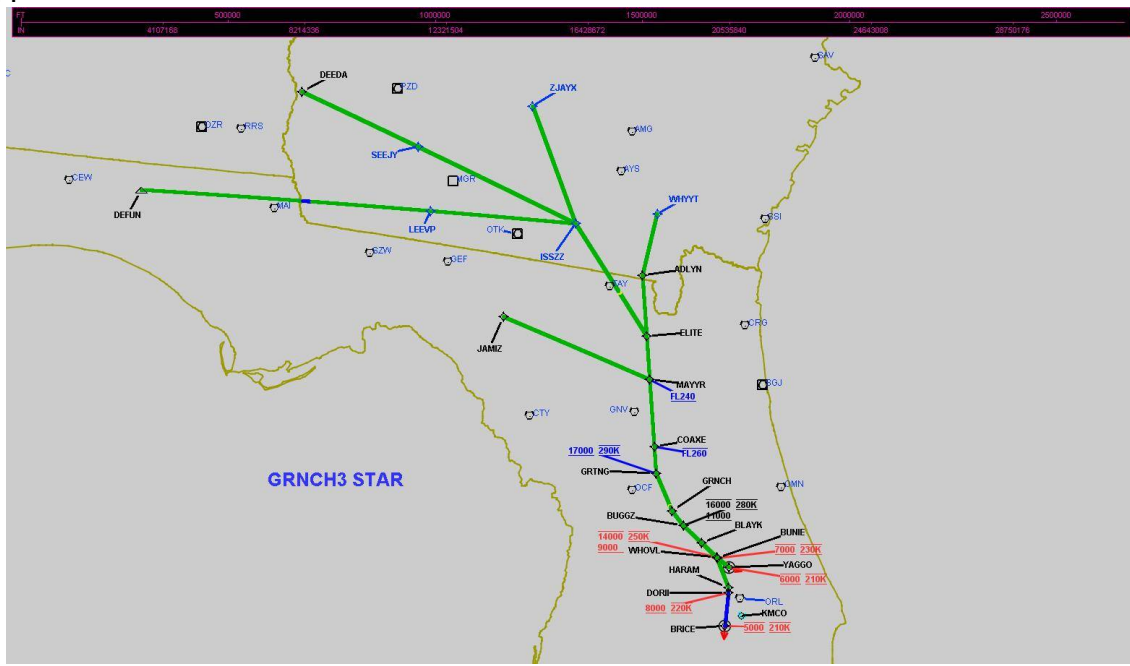
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	LAL FAA 704224-41 LAL [IFPA]	N27° 59' 10.310", W082° 00' 50.056"	1.0 E	130	133.8	116.0	LAL FAA 704224-41	
ESV:		Bearing [True]: 360.0° to 77.0° Bearing [Mag]: 359.0° to 76.0°				Arc Distance: Out to 70.0 NM Altitude: 3000.0 to 18000.0 ft		
2	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707", W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		



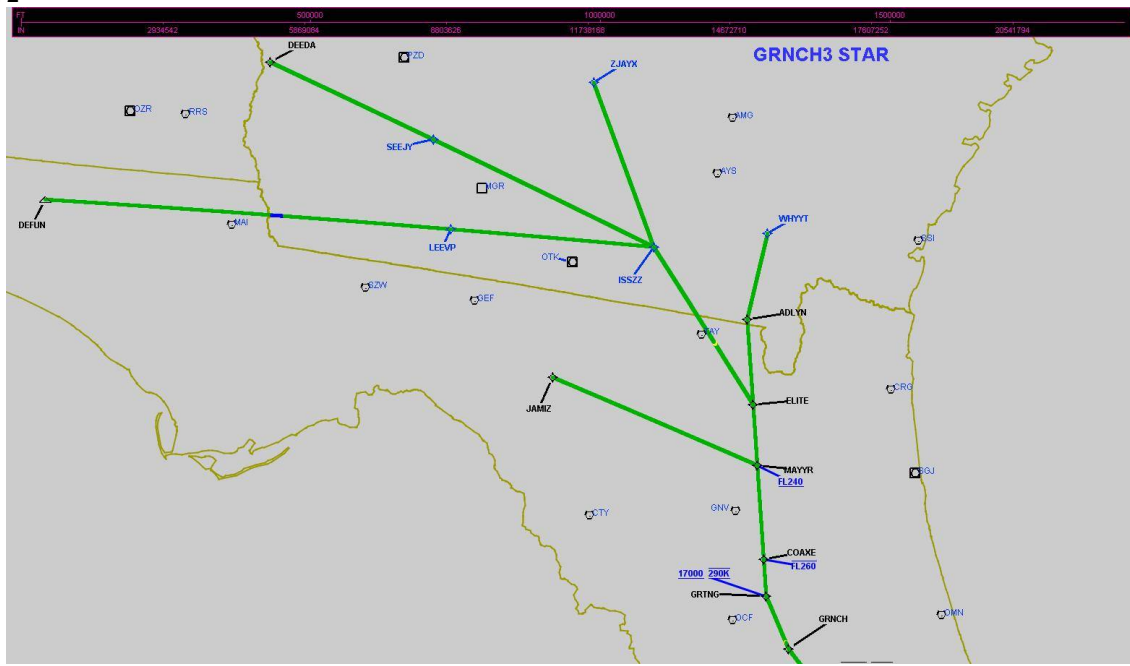
DME DME Assessment Results for GRNCH3 path ZJAYX\_ISSZZ



### Graphic Depiction 1



### Graphic Depiction 2



DME DME Assessment Results for GRNCH3 path ZJAYX\_ISSZZ

Graphic Depiction 3

