

## DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO

### 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\KSRQ\KSRQ LUBBR3 STAR DME 20211208_1011 EST\KSRQ LUBBR3 STAR DME 20211208.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KSRQ\KSRQ [IFPA] LUBBR3 20211214_0828 EST\KRVUR_MURDO\KSRQ LUBBR3 RNAV STAR KRVUR MURDO 20211214_0828 EST.pdf
Procedure Name:	LUBBR3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/14/2021 08:28 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
KRVUR	WP	N30° 44' 32.150", W082° 56' 30.391"	18000	VNAV	240	FLY_BY	TF
WNWUD	WP	N30° 09' 28.111", W082° 15' 10.742"	18000	VNAV	240	FLY_BY	TF
SSPAZ	WP	N29° 35' 31.696", W082° 10' 48.791"	18000	VNAV	240	FLY_BY	TF
BATTN	WP	N29° 10' 18.320", W082° 07' 38.490"	13000	VNAV	240	FLY_BY	TF
LUBBR	WP	N28° 40' 44.370", W082° 07' 01.410"	11000	VNAV	240	FLY_BY	TF
ZEBON	WP	N28° 29' 14.360", W082° 05' 22.650"	10000	VNAV	240	FLY_BY	TF
RUNNE	WP	N28° 19' 27.950", W082° 03' 51.940"	10000	VNAV	240	FLY_BY	TF
BREKR	WP	N28° 07' 11.360", W082° 02' 02.160"	8000	VNAV	240	FLY_BY	TF
WUDDY	WP	N27° 46' 19.740", W082° 13' 33.090"	6000	VNAV	240	FLY_BY	TF
LYFIE	WP	N27° 36' 37.180", W082° 23' 06.800"	6000	VNAV	240	FLY_BY	TF
MURDO	WP	N27° 19' 07.450", W082° 19' 45.910"	3000	VNAV	240	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 LUBBR3 path KRVUR\_MURDO

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	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	34.2 %	34.3 %
2	OTK	N30° 46' 49.599", W083° 16' 47.024"	2.0 W	130	H	IFPA	NO	Enabled	40 %	40 %
3	CTY	N29° 35' 56.403", W083° 02' 55.651"	2.0 W	40	L	IFPA	NO	Enabled	6.1 %	6.2 %
4	MCF	N27° 51' 40.180", W082° 30' 48.640"	6.0 W	40	L	IFPA	NO	Enabled	25.7 %	25.7 %
5	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	26 %	26 %
6	TAY	N30° 30' 16.696", W082° 33' 10.452"	3.0 W	130	H	IFPA	NO	Enabled	37.4 %	37.4 %
7	CRG	N30° 20' 19.965", W081° 30' 35.738"	3.0 W	130	H	IFPA	NO	Enabled	40.2 %	40.1 %
8	SRQ	N27° 24' 25.256", W082° 33' 49.185"	5.0 W	130	H	IFPA	NO	Enabled	18.4 %	18.4 %
9	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled	61.3 %	61.3 %
10	GNV	N29° 41' 31.613", W082° 16' 22.701"	4.0 W	40	L	IFPA	NO	Enabled	32.2 %	32.2 %
11	PIE	N27° 54' 27.952", W082° 41' 03.513"	5.0 W	130	H	IFPA	NO	Enabled	19.4 %	19.4 %
12	OCF	N29° 10' 38.918", W082° 13' 34.802"	0.0 E	40	L	IFPA	NO	Enabled	31.3 %	31.3 %
13	LBV	N26° 49' 41.466", W081° 23' 29.178"	1.0 E	40	L	IFPA	NO	Enabled	1.7 %	1.7 %
14	MLB	N28° 06' 19.120", W080° 38' 06.460"	7.0 W	130	H	IFPA	NO	Enabled	15.7 %	15.7 %
15	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	29.1 %	29.1 %
16	SZW	N30° 33' 22.418", W084° 22' 26.192"	2.0 E	130	H	IFPA	NO	Enabled	14.1 %	14.1 %

# DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	TAY	AMG	OTK	CRG	SZW	
21.4	AMG	CRG	OTK	SZW		
27.4	TAY	CRG	AMG	OTK	SZW	
32.0	AMG	CRG	TAY	OTK	OMN	
66.0	TAY	CRG	OMN	GNV	OTK	ORL
74.6	OMN	CRG	TAY	OCF	OTK	ORL
90.7	OMN	OCF	ORL	CRG	TAY	LAL
90.8	OMN	OCF	ORL	CRG	GNV	PIE
90.9	OMN	OCF	CRG	PIE	GNV	
91.0	OMN	OCF	PIE	GNV		
91.1	OMN	OCF	GNV			
104.1	OMN	GNV				
106.6	OMN	GNV	OCF	CTY		
107.3	OMN	GNV	CTY			
112.1	OMN	GNV	CTY	OCF		
116.5	OMN	OCF	CTY			
120.6	OMN	OCF				
125.6	OMN	OCF	ORL			
140.9	ORL	OCF	OMN	MLB		
141.1	ORL	LAL	OCF	OMN	MLB	
148.0	ORL	LAL	MLB	OMN		
154.1	MLB	LAL	OMN			
159.7	MLB	LAL	MCF	OMN		
167.5	MLB	LAL	MCF			
172.7	PIE	LAL	MLB	MCF		
176.4						
184.8	SRQ	PIE	MCF			
186.5	LBV	LAL	SRQ	MCF	PIE	
190.3	SRQ	PIE	MCF	LAL		
219.1	MCF	SRQ	PIE			
224.8	MCF	SRQ				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N28° 03' 46.424", W082° 03' 55.633"	N27° 56' 13.308", W082° 08' 06.045"	8.3888

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KRVUR	WNVUD	SZW, OMN, OTK, CRG, AMG, TAY, GNV
WNVUD	SSPAZ	OMN, OCF, LAL, OTK, ORL, CRG, AMG, TAY, GNV
SSPAZ	BATTN	OMN, OCF, LAL, OTK, ORL, CRG, CTY, TAY, PIE, GNV
BATTN	LUBBR	OMN, OCF, ORL, CTY, GNV
LUBBR	ZEBON	OMN, MLB, OCF, LAL, ORL
ZEBON	RUNNE	OMN, MCF, MLB, LAL, ORL
RUNNE	BREKR	MCF, OMN, MLB, LAL
BREKR	WUDDY	MCF, LBV, MLB, SRQ, LAL, PIE
WUDDY	LYFIE	MCF, SRQ, LAL, PIE
LYFIE	MURDO	MCF, SRQ, LAL, PIE

# DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO

## User Data Files

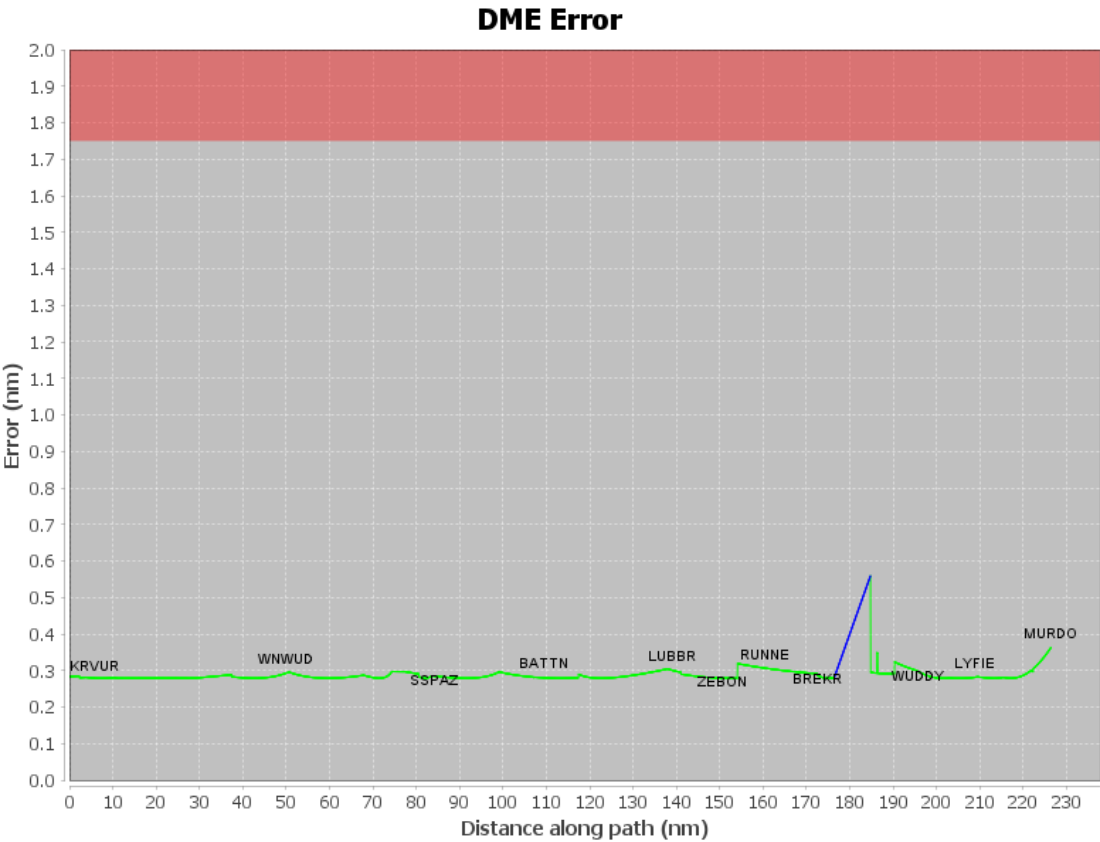
# File Name

None

## User DMEs

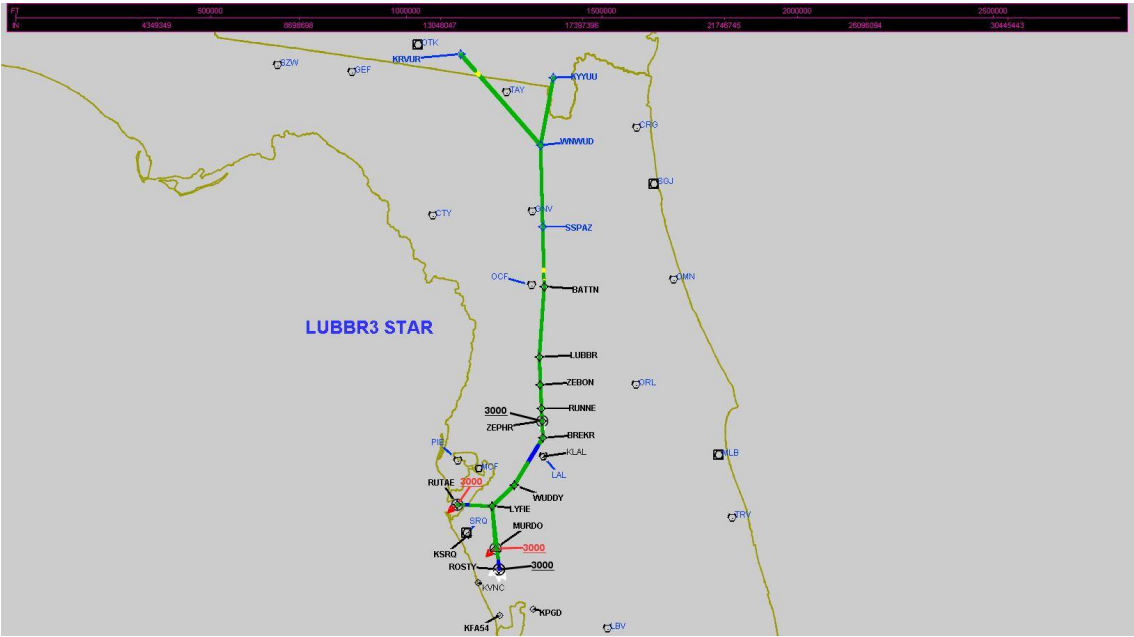
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707" W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
2	MLB FAA 815809-25 MLB [IFPA]	N28° 06' 19.120" W080° 38' 06.460"	7.0 W	40	34	110.0	MLB FAA 815809-25	
ESV:		Bearing [True]: 265.0° to 327.0° Bearing [Mag]: 272.0° to 334.0°				Arc Distance: Out to 88.0 NM Altitude: 5000.0 to 18000.0 ft		
3	LBV FAA 755486-19 LBV [IFPA]	N26° 49' 41.466" W081° 23' 29.178"	1.0 E	40	30	110.4	LBV FAA 755486-19	
ESV:		Bearing [True]: 305.0° to 335.0° Bearing [Mag]: 304.0° to 334.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 14500.0 ft		
4	ORL FAA 694096-20 ORL [IFPA]	N28° 32' 33.802" W081° 20' 06.053"	0.0 E	130	101.6	112.2	ORL FAA 694096-20	
ESV:		Bearing [True]: 260.0° to 300.0° Bearing [Mag]: 260.0° to 300.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 18100.0 ft		
5	CTY FAA 704013-35 CTY [IFPA]	N29° 35' 56.403" W083° 02' 55.651"	2.0 W	40	33.8	112.0	CTY FAA 704013-35	
ESV:		Bearing [True]: 113.0° to 137.0° Bearing [Mag]: 115.0° to 139.0°				Arc Distance: Out to 64.0 NM Altitude: 8000.0 to 18000.0 ft		

DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO



DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO

Graphic Depiction 1



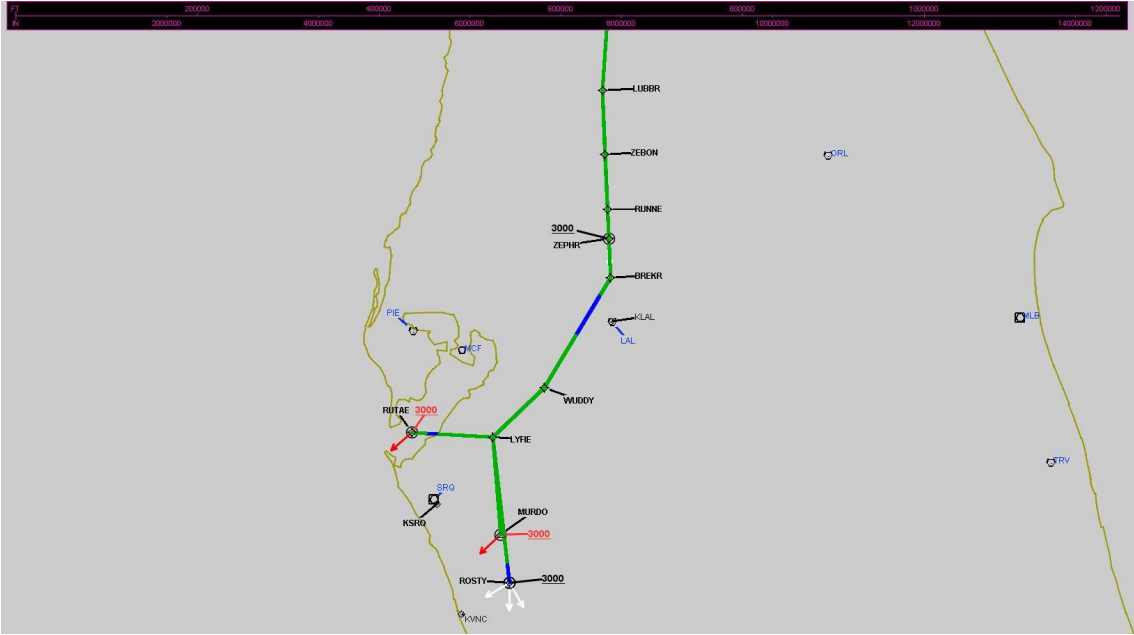
DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO

Graphic Depiction 2



DME DME Assessment Results for LUBBR3 path KRVUR\_MURDO

Graphic Depiction 3





## DME DME Assessment Results for LUBBR3 path KYYUU\_WNWUD

### 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\KSRQ\KSRQ LUBBR3 STAR DME 20211208_1011 EST\KSRQ LUBBR3 STAR DME 20211208.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KSRQ\KSRQ [IFPA] LUBBR3 20211214_0828 EST\KYYUU_WNWUD\KSRQ LUBBR3 RNAV STAR KYYUU WNWUD 20211214_0828 EST.pdf
Procedure Name:	LUBBR3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/14/2021 08:28 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
KYYUU	WP	N30° 38' 13.827", W082° 11' 55.758"	18000	VNAV	240	FLY_BY	TF
WNWUD	WP	N30° 09' 28.111", W082° 15' 10.742"	18000	VNAV	240	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 LUBBR3 path KYYUU\_WNWUD

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	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	97 %	97 %
5	GNV	N29° 41' 31.613", W082° 16' 22.701"	4.0 W	40	L	IFPA	NO	Enabled	40.2 %	40.2 %
6	AMG	N31° 32' 11.598", W082° 30' 29.120"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	TAY	AMG	OTK	CRG		
0.9	TAY	AMG	OTK	OMN	CRG	

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

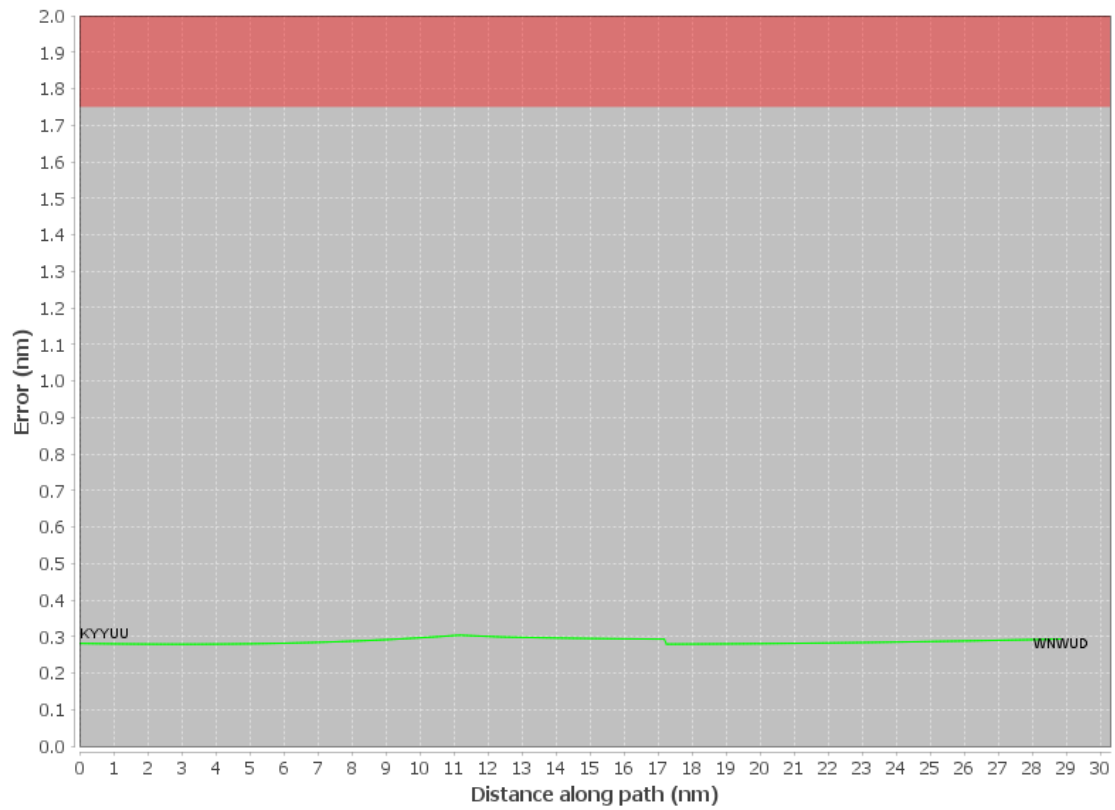
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
KYYUU	WNWUD	OMN, OTK, CRG, AMG, TAY, GNV

# DME DME Assessment Results for LUBBR3 path KYYUU\_WNWUD

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	MLB FAA 815809-25 MLB [IFPA]	N28° 06' 19.120", W080° 38' 06.460"	7.0 W	40	34	110.0	MLB FAA 815809-25	
ESV:		Bearing [True]: 265.0° to 327.0° Bearing [Mag]: 272.0° to 334.0°				Arc Distance: Out to 88.0 NM Altitude: 5000.0 to 18000.0 ft		
3	LBV FAA 755486-19 LBV [IFPA]	N26° 49' 41.466", W081° 23' 29.178"	1.0 E	40	30	110.4	LBV FAA 755486-19	
ESV:		Bearing [True]: 305.0° to 335.0° Bearing [Mag]: 304.0° to 334.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 14500.0 ft		
4	ORL FAA 694096-20 ORL [IFPA]	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	101.6	112.2	ORL FAA 694096-20	
ESV:		Bearing [True]: 260.0° to 300.0° Bearing [Mag]: 260.0° to 300.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 18100.0 ft		
5	CTY FAA 704013-35 CTY [IFPA]	N29° 35' 56.403", W083° 02' 55.651"	2.0 W	40	33.8	112.0	CTY FAA 704013-35	
ESV:		Bearing [True]: 113.0° to 137.0° Bearing [Mag]: 115.0° to 139.0°				Arc Distance: Out to 64.0 NM Altitude: 8000.0 to 18000.0 ft		

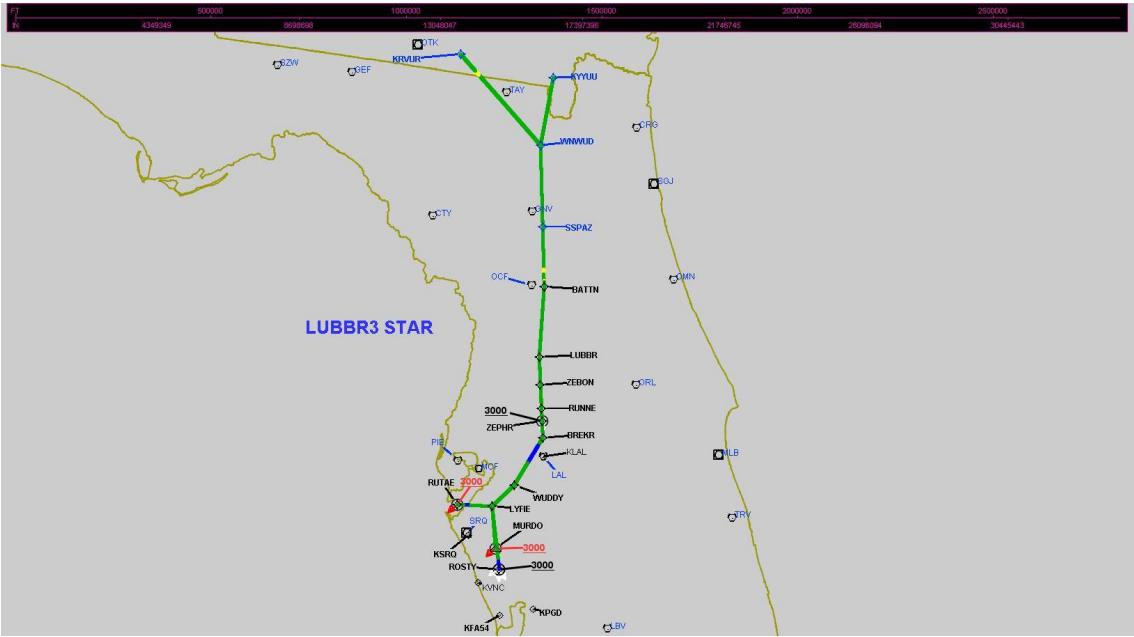
# DME DME Assessment Results for LUBBR3 path KYYUU\_WNWUD

## DME Error



DME DME Assessment Results for LUBBR3 path KYYUU\_WNWUD

Graphic Depiction 1



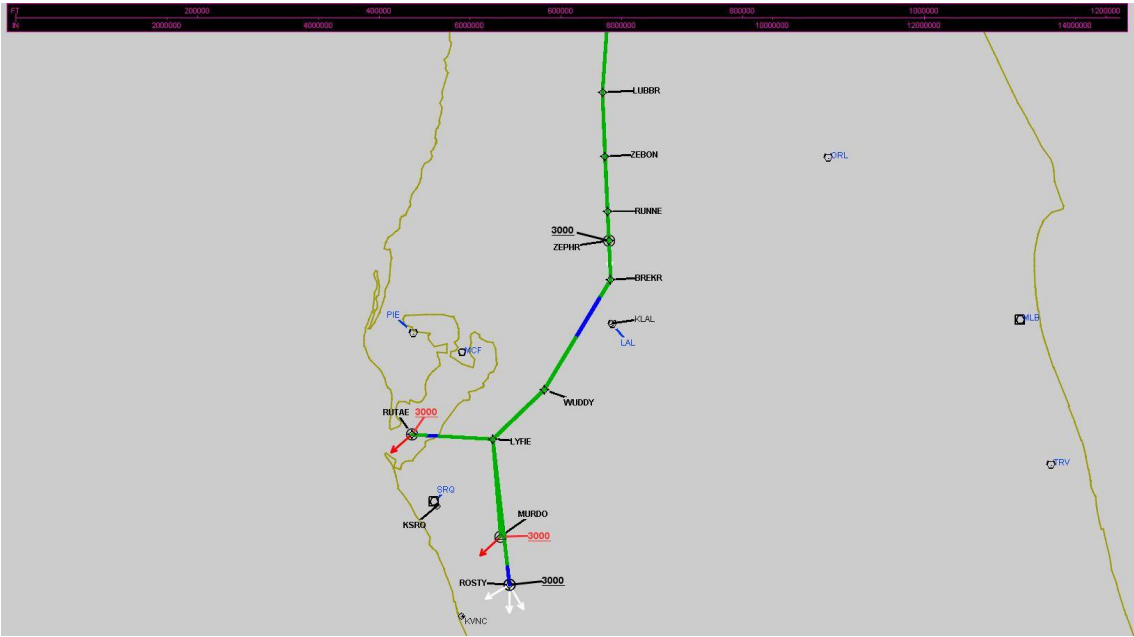
DME DME Assessment Results for LUBBR3 path KYYUU\_WNWUD

Graphic Depiction 2



DME DME Assessment Results for LUBBR3 path KYYUU\_WNWUD

Graphic Depiction 3



## DME DME Assessment Results for LUBBR3 path LUBBR\_RUNNE

### 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\KSRQ\KSRQ LUBBR3 STAR DME 20211208_1011 EST\KSRQ LUBBR3 STAR DME 20211208.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KSRQ\KSRQ [IFPA] LUBBR3 20211214_0828 EST\LUBBR_RUNNE\KSRQ LUBBR3 RNAV STAR LUBBR RUNNE 20211214_0828 EST.pdf
Procedure Name:	LUBBR3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/14/2021 08:28 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
LUBBR	WP	N28° 40' 44.370", W082° 07' 01.410"	11000	VNAV	240	FLY_BY	TF
RUNNE	WP	N28° 19' 27.950", W082° 03' 51.940"	10000	VNAV	240	FLY_BY	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 LUBBR3 path LUBBR\_RUNNE

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	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	90 %	90 %
2	OMN	N29° 18' 11.702", W081° 06' 45.714"	0.0 E	130	H	IFPA	NO	Enabled	100 %	100 %
3	OCF	N29° 10' 38.918", W082° 13' 34.802"	0.0 E	40	L	IFPA	NO	Enabled	42.7 %	42.7 %
4	MLB	N28° 06' 19.120", W080° 38' 06.460"	7.0 W	130	H	IFPA	NO	Enabled	91 %	91 %
5	MCF	N27° 51' 40.180", W082° 30' 48.640"	6.0 W	40	L	IFPA	NO	Enabled	2.5 %	2.5 %
6	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	70.7 %	70.7 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ORL	OCF	OMN			
1.9	ORL	OCF	OMN	MLB		
2.1	ORL	LAL	OCF	OMN	MLB	
9.2	ORL	LAL	MLB	OMN		
15.2	MLB	LAL	OMN			
20.9	MLB	LAL	MCF	OMN		

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
LUBBR	RUNNE	OMN, MCF, MLB, OCF, LAL, ORL

# DME DME Assessment Results for LUBBR3 path LUBBR\_RUNNE

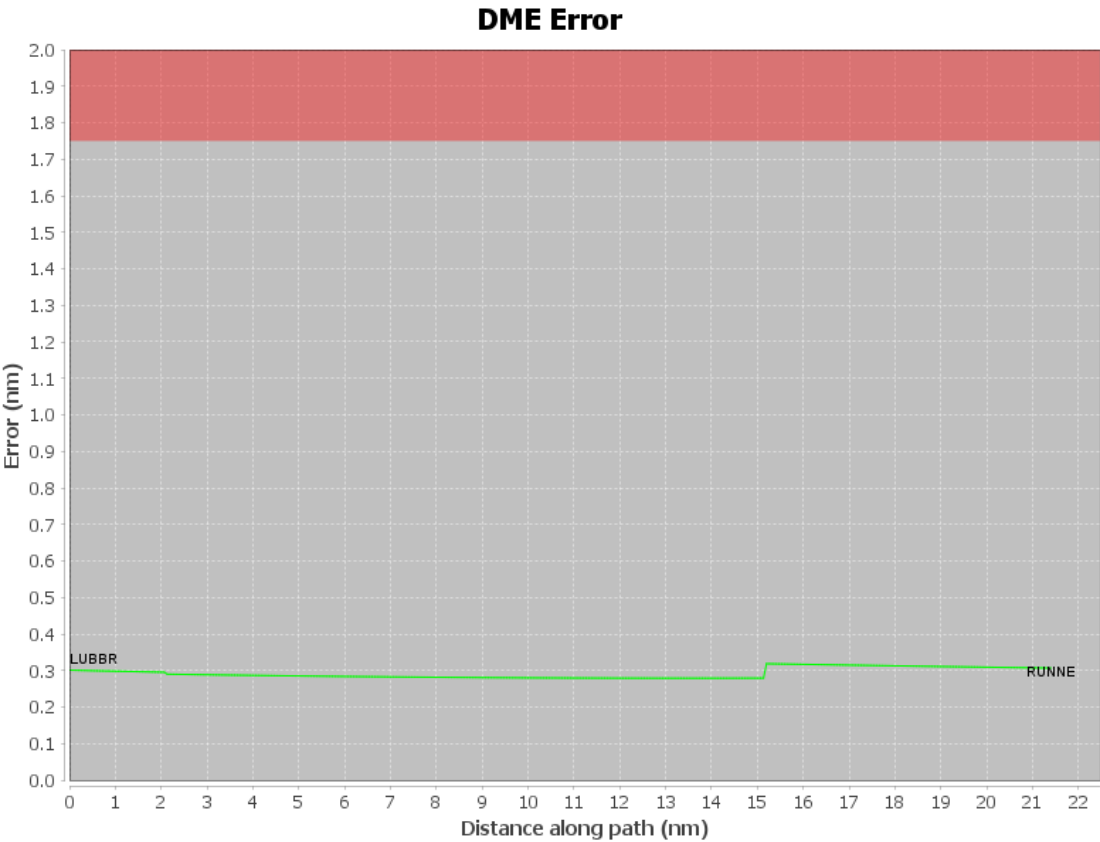
## User Data Files

# File Name

None

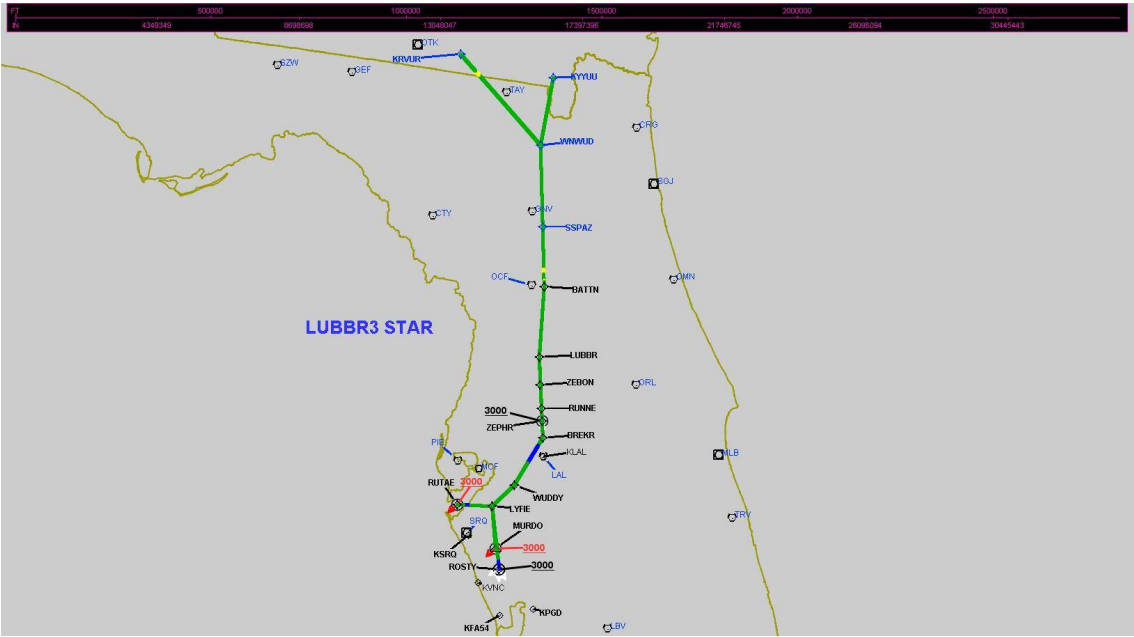
## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	MLB FAA 815809-25 MLB [IFPA]	N28° 06' 19.120" W080° 38' 06.460"	7.0 W	40	34	110.0	MLB FAA 815809-25	
ESV:		Bearing [True]: 265.0° to 327.0° Bearing [Mag]: 272.0° to 334.0°				Arc Distance: Out to 88.0 NM Altitude: 5000.0 to 18000.0 ft		
3	LBV FAA 755486-19 LBV [IFPA]	N26° 49' 41.466" W081° 23' 29.178"	1.0 E	40	30	110.4	LBV FAA 755486-19	
ESV:		Bearing [True]: 305.0° to 335.0° Bearing [Mag]: 304.0° to 334.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 14500.0 ft		
4	ORL FAA 694096-20 ORL [IFPA]	N28° 32' 33.802" W081° 20' 06.053"	0.0 E	130	101.6	112.2	ORL FAA 694096-20	
ESV:		Bearing [True]: 260.0° to 300.0° Bearing [Mag]: 260.0° to 300.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 18100.0 ft		
5	CTY FAA 704013-35 CTY [IFPA]	N29° 35' 56.403" W083° 02' 55.651"	2.0 W	40	33.8	112.0	CTY FAA 704013-35	
ESV:		Bearing [True]: 113.0° to 137.0° Bearing [Mag]: 115.0° to 139.0°				Arc Distance: Out to 64.0 NM Altitude: 8000.0 to 18000.0 ft		



DME DME Assessment Results for LUBBR3 path LUBBR\_RUNNE

Graphic Depiction 1

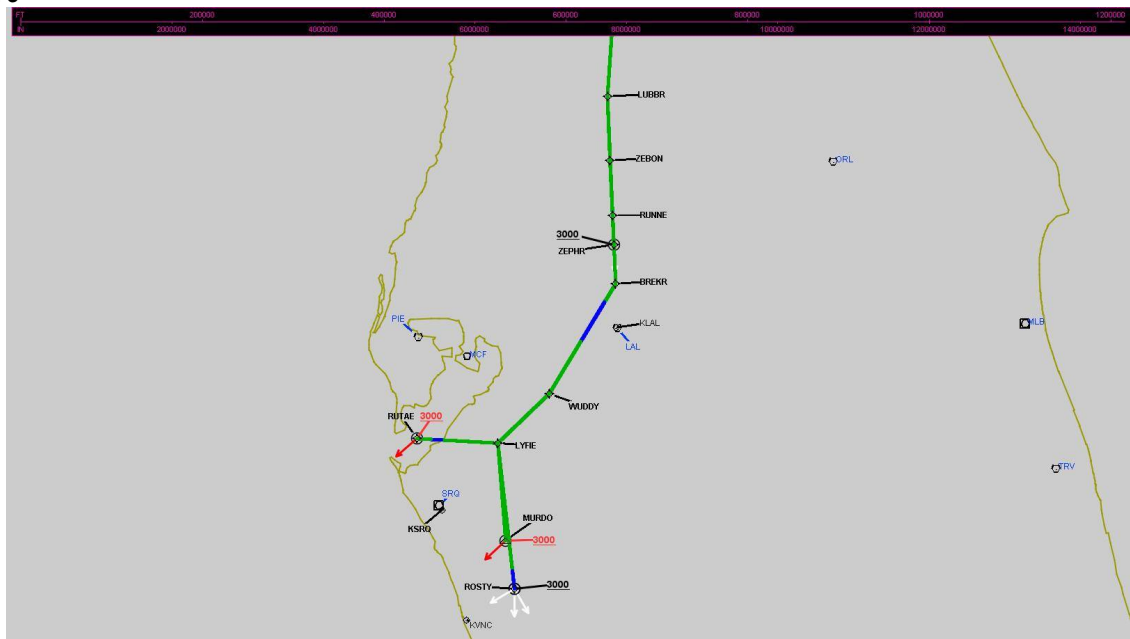


DME DME Assessment Results for LUBBR3 path LUBBR\_RUNNE

Graphic Depiction 2



### Graphic Depiction 3



## DME DME Assessment Results for LUBBR3 path LYFIE\_ROSTY

### 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\KSRQ\KSRQ LUBBR3 STAR DME 20211208_1011 EST\KSRQ LUBBR3 STAR DME 20211208.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KSRQ\KSRQ [IFPA] LUBBR3 20211214_0828 EST\LYFIE_ROSTY\KSRQ LUBBR3 RNAV STAR LYFIE ROSTY 20211214_0828 EST.pdf
Procedure Name:	LUBBR3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/14/2021 08:28 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
LYFIE	WP	N27° 36' 37.180", W082° 23' 06.800"	6000	VNAV	240	FLY_BY	TF
ROSTY	WP	N27° 10' 36.090", W082° 17' 08.210"	3000	VNAV	240	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 LUBBR3 path LYFIE\_ROSTY

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	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	39.7 %	39.7 %
2	SRQ	N27° 24' 25.256", W082° 33' 49.185"	5.0 W	130	H	IFPA	NO	Enabled	86.9 %	86.9 %
3	PIE	N27° 54' 27.952", W082° 41' 03.513"	5.0 W	130	H	IFPA	NO	Enabled	60.1 %	60 %
4	MCF	N27° 51' 40.180", W082° 30' 48.640"	6.0 W	40	L	IFPA	NO	Enabled	86.9 %	86.9 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PIE	LAL	SRQ	MCF		
10.6	MCF	SRQ	PIE			
16.0	MCF	SRQ				
23.1						

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N27° 13' 56.149", W082° 17' 54.004"	N27° 10' 36.090", W082° 17' 08.210"	3.3938

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
LYFIE	ROSTY	MCF, SRQ, LAL, PIE



# DME DME Assessment Results for LUBBR3 path LYFIE\_ROSTY

## User Data Files

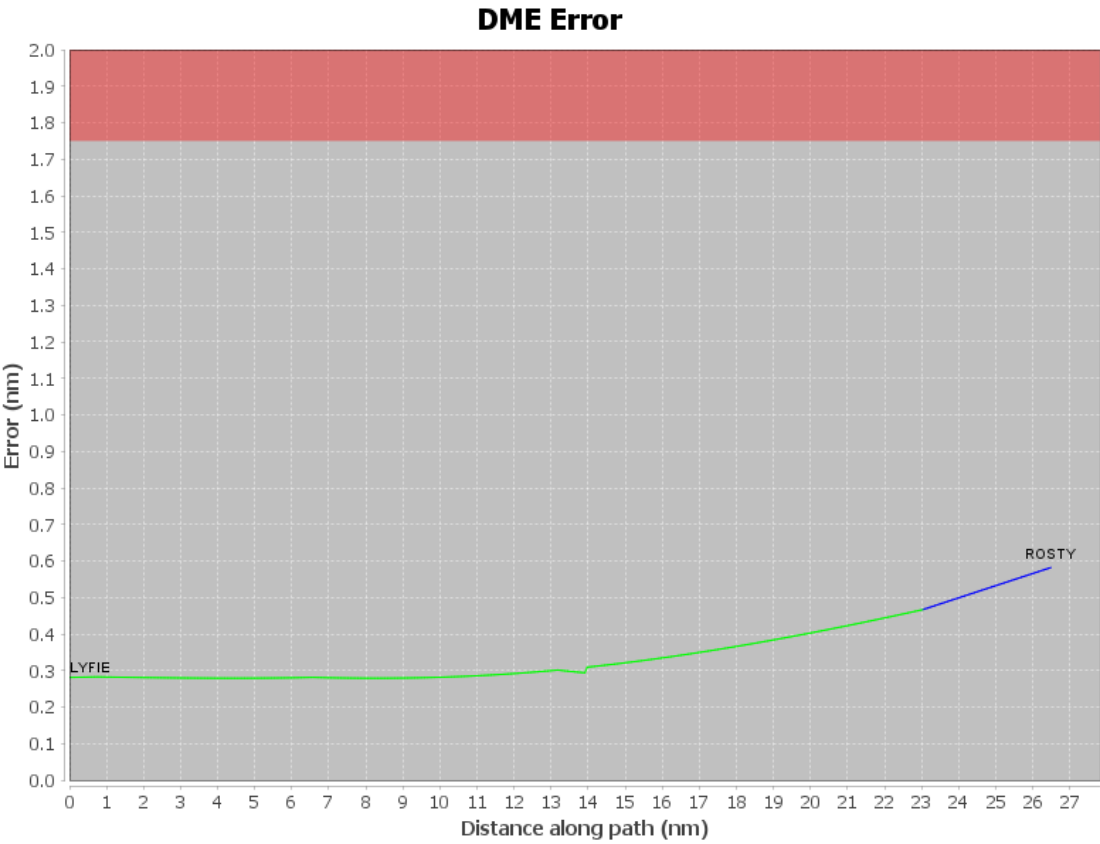
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None

## User DMEs

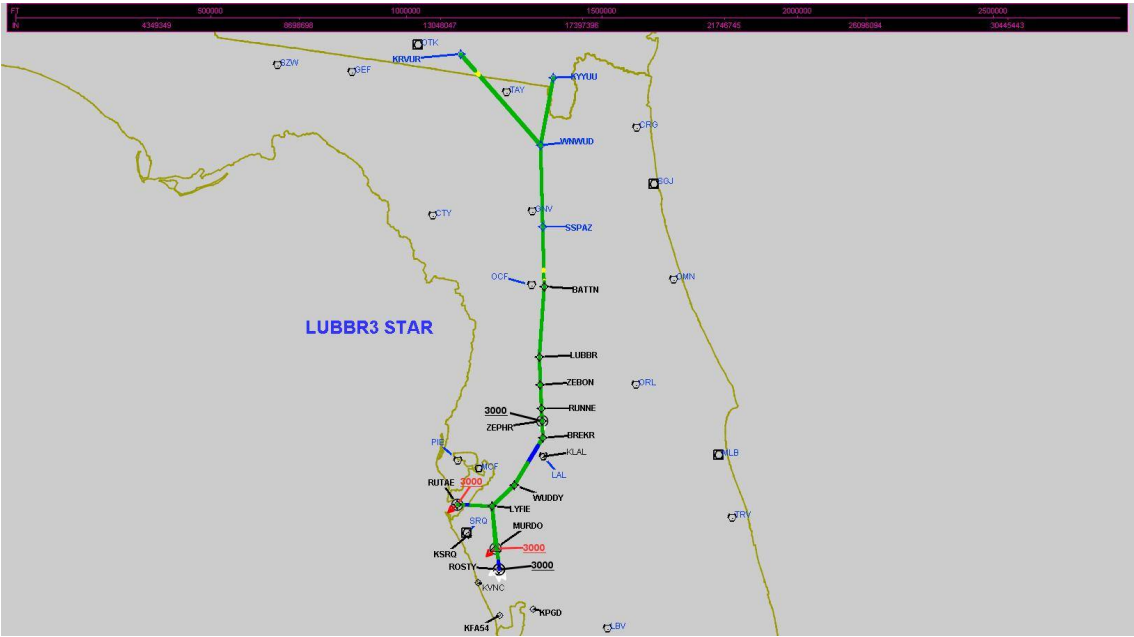
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	OMN FAA 694106-18 OMN [IFPA]	N29° 18' 11.707" W081° 06' 45.706"	0.0 E	130	18.8	112.6	OMN FAA 694106-18	
ESV:		Bearing [True]: 215.0° to 315.0° Bearing [Mag]: 215.0° to 315.0°				Arc Distance: Out to 90.0 NM Altitude: 8000.0 to 18000.0 ft		
2	MLB FAA 815809-25 MLB [IFPA]	N28° 06' 19.120" W080° 38' 06.460"	7.0 W	40	34	110.0	MLB FAA 815809-25	
ESV:		Bearing [True]: 265.0° to 327.0° Bearing [Mag]: 272.0° to 334.0°				Arc Distance: Out to 88.0 NM Altitude: 5000.0 to 18000.0 ft		
3	LBV FAA 755486-19 LBV [IFPA]	N26° 49' 41.466" W081° 23' 29.178"	1.0 E	40	30	110.4	LBV FAA 755486-19	
ESV:		Bearing [True]: 305.0° to 335.0° Bearing [Mag]: 304.0° to 334.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 14500.0 ft		
4	ORL FAA 694096-20 ORL [IFPA]	N28° 32' 33.802" W081° 20' 06.053"	0.0 E	130	101.6	112.2	ORL FAA 694096-20	
ESV:		Bearing [True]: 260.0° to 300.0° Bearing [Mag]: 260.0° to 300.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 18100.0 ft		
5	CTY FAA 704013-35 CTY [IFPA]	N29° 35' 56.403" W083° 02' 55.651"	2.0 W	40	33.8	112.0	CTY FAA 704013-35	
ESV:		Bearing [True]: 113.0° to 137.0° Bearing [Mag]: 115.0° to 139.0°				Arc Distance: Out to 64.0 NM Altitude: 8000.0 to 18000.0 ft		

DME DME Assessment Results for LUBBR3 path LYFIE\_ROSTY



DME DME Assessment Results for LUBBR3 path LYFIE\_ROSTY

Graphic Depiction 1



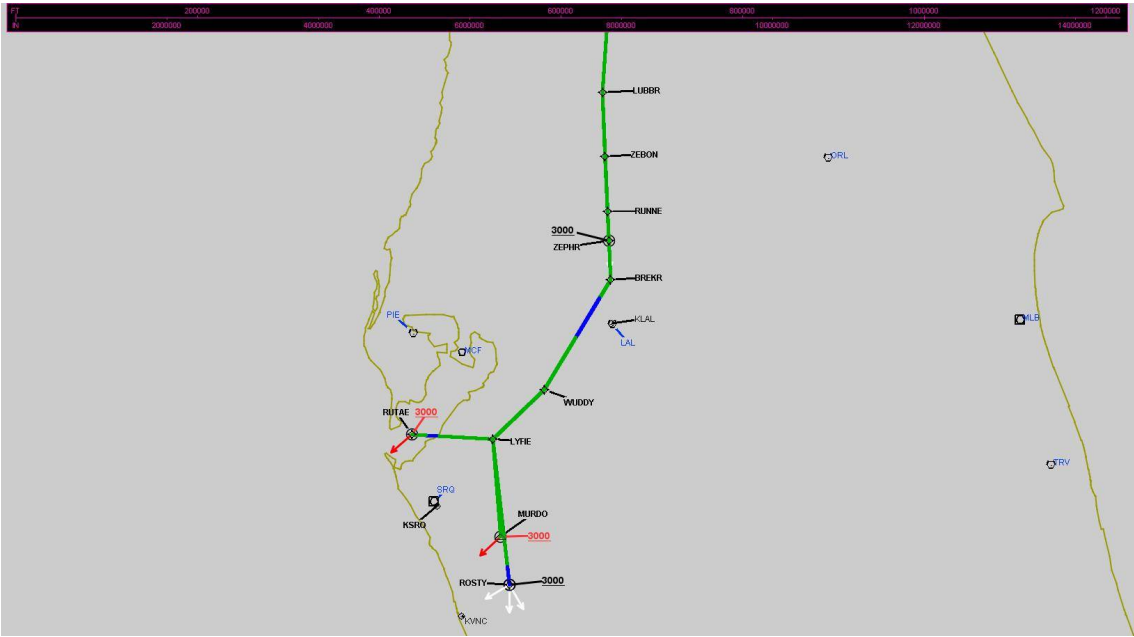
DME DME Assessment Results for LUBBR3 path LYFIE\_ROSTY

Graphic Depiction 2



DME DME Assessment Results for LUBBR3 path LYFIE\_ROSTY

Graphic Depiction 3



## DME DME Assessment Results for LUBBR3 path LYFIE\_RUTAE

### 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\KSRQ\KSRQ LUBBR3 STAR DME 20211208_1011 EST\KSRQ LUBBR3 STAR DME 20211208.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KSRQ\KSRQ [IFPA] LUBBR3 20211214_0828 EST\LYFIE_RUTAE\KSRQ LUBBR3 RNAV STAR LYFIE RUTAE 20211214_0828 EST.pdf
Procedure Name:	LUBBR3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/14/2021 08:28 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
LYFIE	WP	N27° 36' 37.180", W082° 23' 06.800"	6000	VNAV	240	FLY_BY	TF
RUTAE	WP	N27° 36' 09.970", W082° 39' 31.890"	3000	VNAV	240	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 LUBBR3 path LYFIE\_RUTAE

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	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	68.9 %	68.9 %
2	SRQ	N27° 24' 25.256", W082° 33' 49.185"	5.0 W	130	H	IFPA	NO	Enabled	86.8 %	86.8 %
3	PIE	N27° 54' 27.952", W082° 41' 03.513"	5.0 W	130	H	IFPA	NO	Enabled	68.9 %	68.9 %
4	MCF	N27° 51' 40.180", W082° 30' 48.640"	6.0 W	40	L	IFPA	NO	Enabled	86.8 %	86.8 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	PIE	LAL	SRQ	MCF		
10.1						
12.0	MCF	SRQ				

Inertial Drift Segments			
#	Start Location	End Location	Length [NM]
1	N27° 36' 18.501", W082° 34' 30.530"	N27° 36' 14.958", W082° 36' 36.473"	1.8657

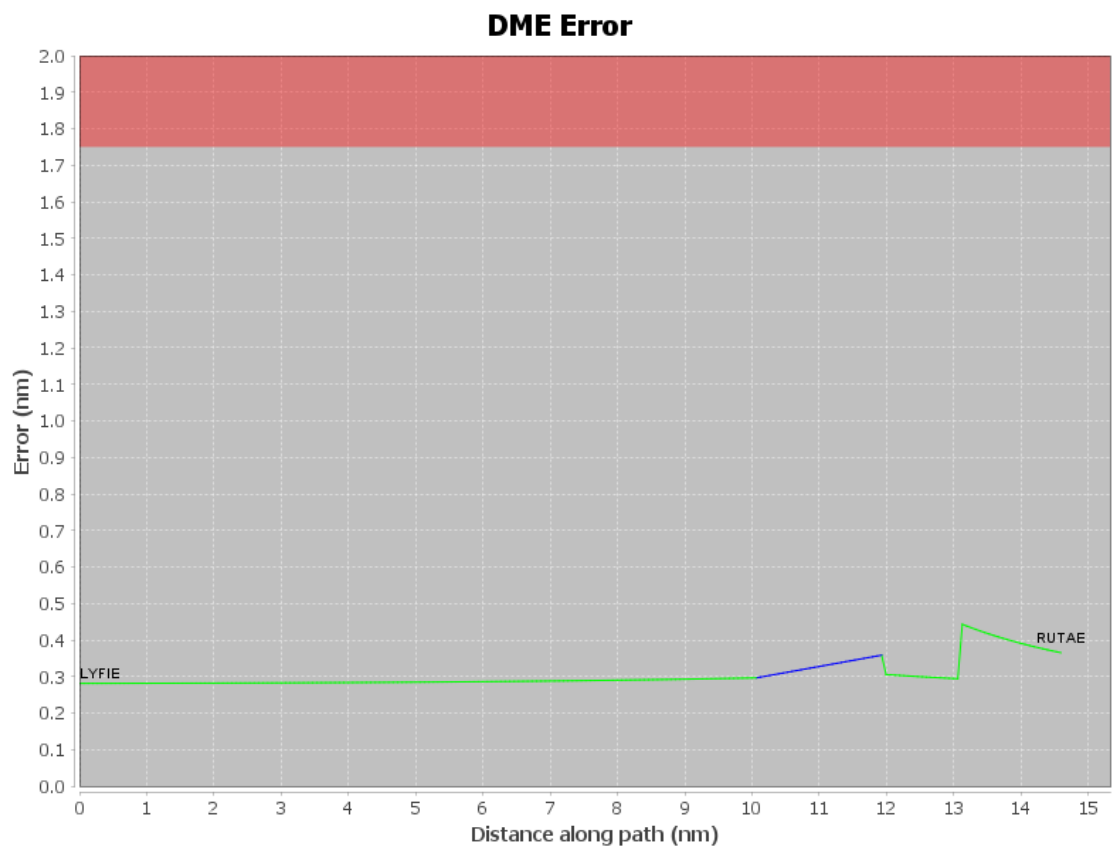
Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
LYFIE	RUTAE	MCF, SRQ, LAL, PIE

# DME DME Assessment Results for LUBBR3 path LYFIE\_RUTAE

User Data Files								
#	File Name							
None								
User DMEs								
#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	MLB FAA 815809-25 MLB [IFPA]	N28° 06' 19.120", W080° 38' 06.460"	7.0 W	40	34	110.0	MLB FAA 815809-25	
ESV:		Bearing [True]: 265.0° to 327.0° Bearing [Mag]: 272.0° to 334.0°				Arc Distance: Out to 88.0 NM Altitude: 5000.0 to 18000.0 ft		
3	LBV FAA 755486-19 LBV [IFPA]	N26° 49' 41.466", W081° 23' 29.178"	1.0 E	40	30	110.4	LBV FAA 755486-19	
ESV:		Bearing [True]: 305.0° to 335.0° Bearing [Mag]: 304.0° to 334.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 14500.0 ft		
4	ORL FAA 694096-20 ORL [IFPA]	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	101.6	112.2	ORL FAA 694096-20	
ESV:		Bearing [True]: 260.0° to 300.0° Bearing [Mag]: 260.0° to 300.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 18100.0 ft		
5	CTY FAA 704013-35 CTY [IFPA]	N29° 35' 56.403", W083° 02' 55.651"	2.0 W	40	33.8	112.0	CTY FAA 704013-35	
ESV:		Bearing [True]: 113.0° to 137.0° Bearing [Mag]: 115.0° to 139.0°				Arc Distance: Out to 64.0 NM Altitude: 8000.0 to 18000.0 ft		

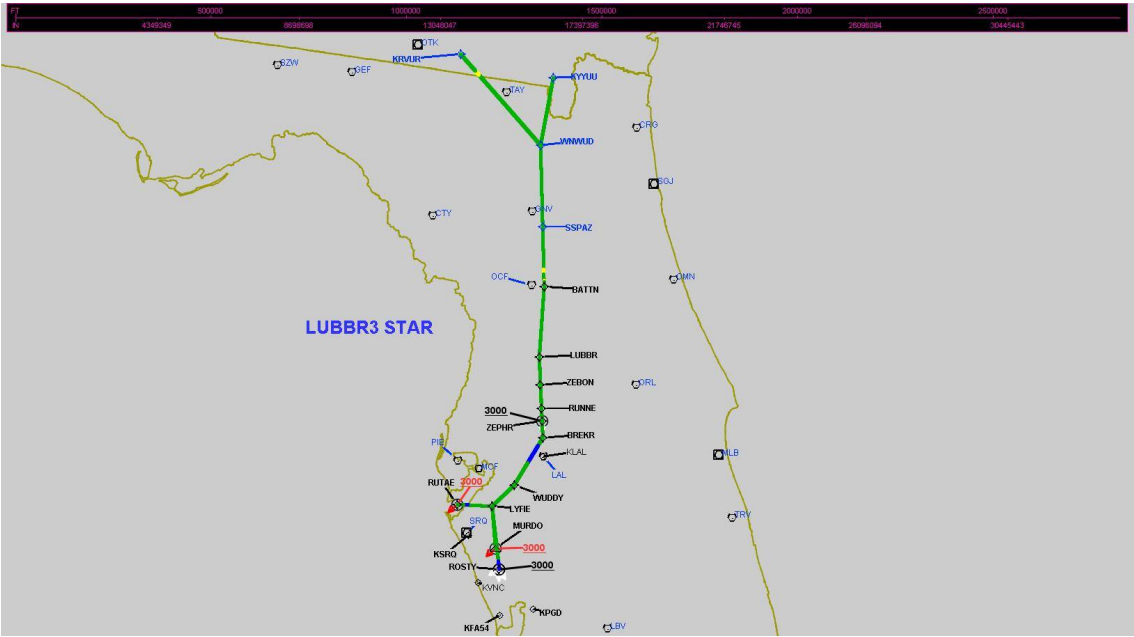


# DME DME Assessment Results for LUBBR3 path LYFIE\_RUTAE



DME DME Assessment Results for LUBBR3 path LYFIE\_RUTAE

Graphic Depiction 1



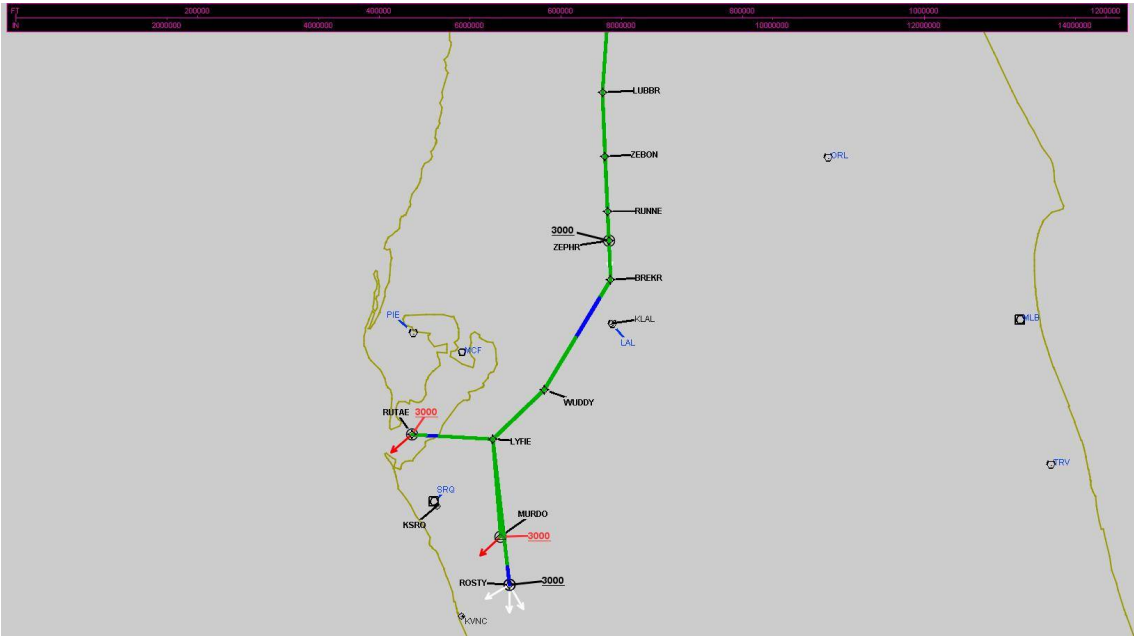
DME DME Assessment Results for LUBBR3 path LYFIE\_RUTAE

Graphic Depiction 2



DME DME Assessment Results for LUBBR3 path LYFIE\_RUTAE

Graphic Depiction 3



## DME DME Assessment Results for LUBBR3 path ZEBON\_ZEPHR

### 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\KSRQ\KSRQ LUBBR3 STAR DME 20211208_1011 EST\KSRQ LUBBR3 STAR DME 20211208.tgs
Output File:	C:\Users\Miles CTR Carpenter\Desktop\FLMP May 2022 DME Evaluations\KSRQ\KSRQ [IFPA] LUBBR3 20211214_0828 EST\ZEBON_ZEPHR\KSRQ LUBBR3 RNAV STAR ZEBON ZEPHR 20211214_0828 EST.pdf
Procedure Name:	LUBBR3
Software: DmeDmePlugin:	6.4.1
Date/Time:	12/14/2021 08:28 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
ZEBON	WP	N28° 29' 14.360", W082° 05' 22.650"	10000	VNAV	240	FLY_BY	TF
ZEPHR	WP	N28° 14' 10.550", W082° 03' 05.530"	3000	VNAV	240	FLY_OVER	TF

### Flyability

Flight Type:	RNAV_STAR
Selected Airport:	KSRQ [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 LUBBR3 path ZEBON\_ZEPHR

DME/DME	
RNP:	RNP 2
Flight Mode:	Manual
Line of Sight (DTED Level 0 Max):	Evaluated
Inertial Drift:	Enabled
Initial Drift:	0.558 NM
INS Drift Rate:	8.0 NM/Hour
Range Mode:	OSV
RNP Edges:	Evaluated
Min DME Range:	3.0 NM
DME Types:	DME, VOR-DME, VORTAC, TACAN
DME Include Angles:	30 to 150
Critical DMEs:	Not Allowed
DoD Facilities:	Included
Foreign Facilities:	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	26.3 %	26.3 %
3	MLB	N28° 06' 19.120", W080° 38' 06.460"	7.0 W	130	H	IFPA	NO	Enabled	65.8 %	65.8 %
4	MCF	N27° 51' 40.180", W082° 30' 48.640"	6.0 W	40	L	IFPA	NO	Enabled	38.6 %	38.6 %
5	ORL	N28° 32' 33.802", W081° 20' 06.053"	0.0 E	130	H	IFPA	NO	Enabled	23.7 %	23.7 %

Flight Check DME Selection						
Distance [NM]	Selected DMEs					Alternate
0.0	ORL	LAL	MLB	OMN		
3.7	MLB	LAL	OMN			
4.1	MLB	LAL				
9.3	MLB	LAL	MCF			
10.0	MCF	LAL				

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

Available DMEs by Waypoints		
Waypoint Before	Waypoint After	DME List
ZEBON	ZEPHR	OMN, MCF, MLB, LAL, ORL

# DME DME Assessment Results for LUBBR3 path ZEBON\_ZEPHR

## User Data Files

# File Name

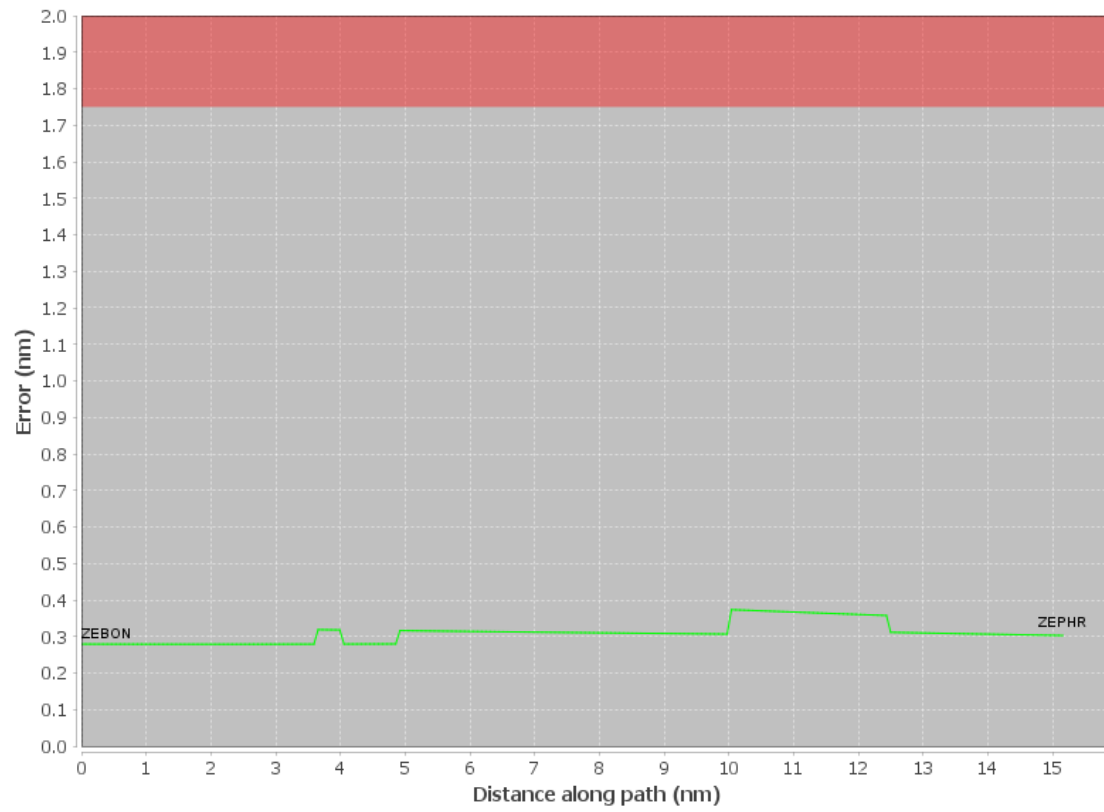
None

## User DMEs

#	Name	Lat/Lon	MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	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		
2	MLB FAA 815809-25 MLB [IFPA]	N28° 06' 19.120" W080° 38' 06.460"	7.0 W	40	34	110.0	MLB FAA 815809-25	
ESV:		Bearing [True]: 265.0° to 327.0° Bearing [Mag]: 272.0° to 334.0°				Arc Distance: Out to 88.0 NM Altitude: 5000.0 to 18000.0 ft		
3	LBV FAA 755486-19 LBV [IFPA]	N26° 49' 41.466" W081° 23' 29.178"	1.0 E	40	30	110.4	LBV FAA 755486-19	
ESV:		Bearing [True]: 305.0° to 335.0° Bearing [Mag]: 304.0° to 334.0°				Arc Distance: Out to 80.0 NM Altitude: 6000.0 to 14500.0 ft		
4	ORL FAA 694096-20 ORL [IFPA]	N28° 32' 33.802" W081° 20' 06.053"	0.0 E	130	101.6	112.2	ORL FAA 694096-20	
ESV:		Bearing [True]: 260.0° to 300.0° Bearing [Mag]: 260.0° to 300.0°				Arc Distance: Out to 78.0 NM Altitude: 4000.0 to 18100.0 ft		
5	CTY FAA 704013-35 CTY [IFPA]	N29° 35' 56.403" W083° 02' 55.651"	2.0 W	40	33.8	112.0	CTY FAA 704013-35	
ESV:		Bearing [True]: 113.0° to 137.0° Bearing [Mag]: 115.0° to 139.0°				Arc Distance: Out to 64.0 NM Altitude: 8000.0 to 18000.0 ft		

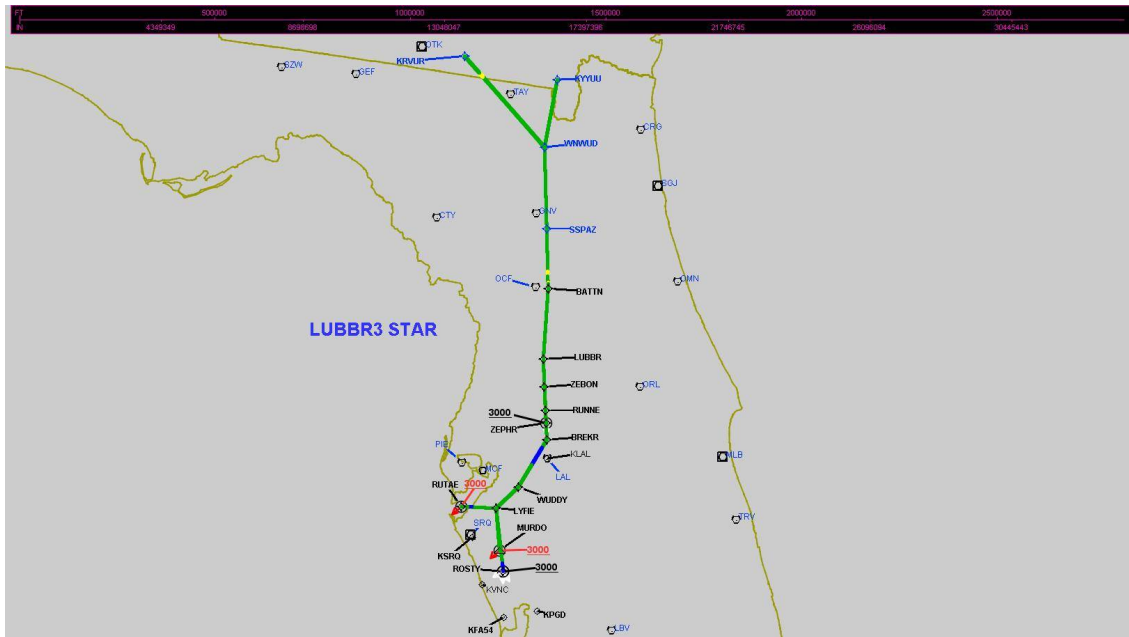
# DME DME Assessment Results for LUBBR3 path ZEBON\_ZEPHR

## DME Error





### Graphic Depiction 1



## DME DME Assessment Results for LUBBR3 path ZEBON\_ZEPHR

Graphic Depiction 2



# DME DME Assessment Results for LUBBR3 path ZEBON\_ZEPHR

Graphic Depiction 3

