Name:	MILLERJ
Project Name:	MEM FNCHR1 FSM JAMLA 20120125
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	1/25/2012 3:27:49 PM
Input File:	FNCHR FSM JAMLA 201...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	✔
Comms	?
TERPS	?

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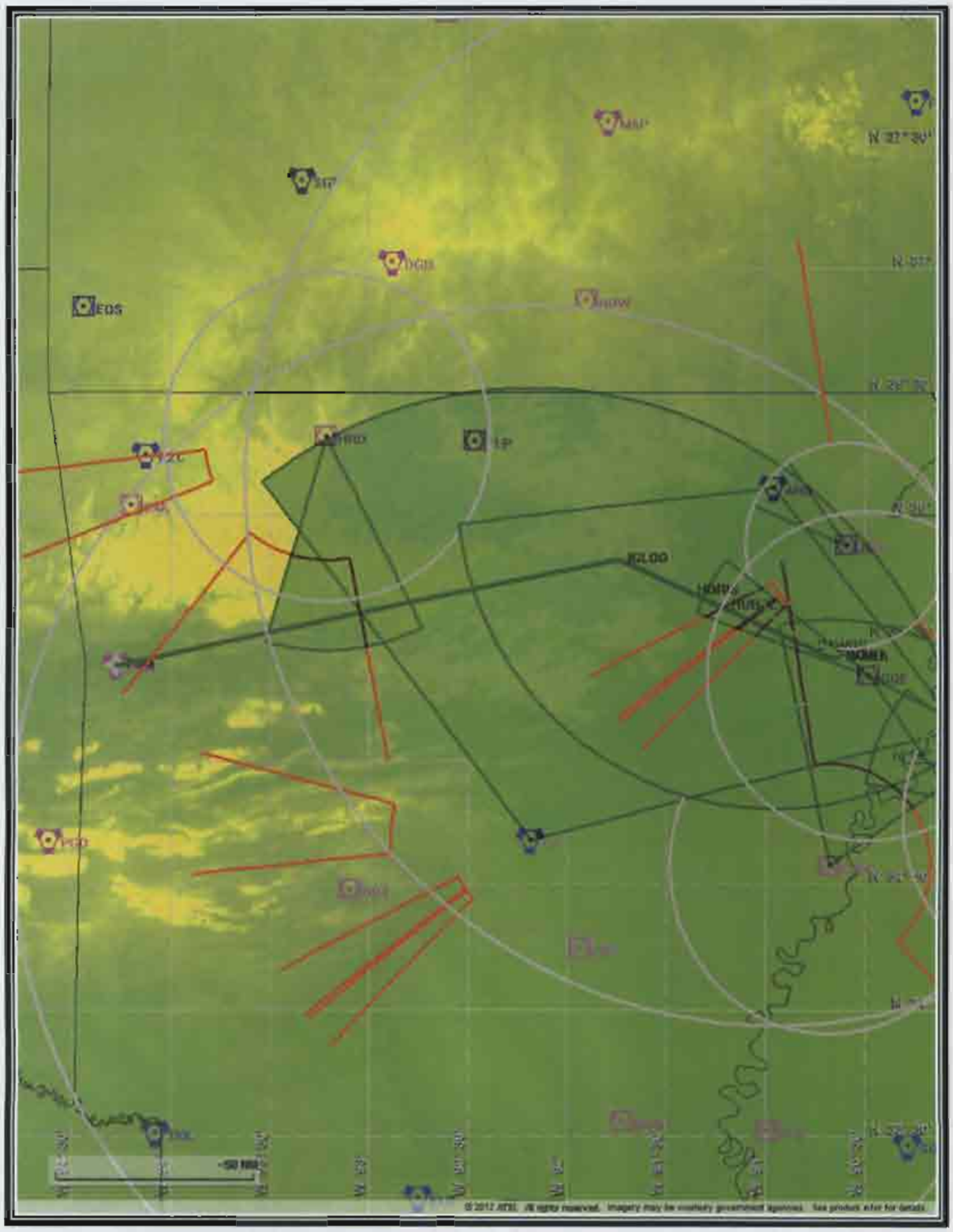

EOS
GLOO

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
FSM	WP	N 35° 23' 18.30" W 94° 16' 17.49"	18000.0	Step	250.0	Fly By	TF
IGLOO	WP	N 35° 49' 6.52" W 91° 44' 11.55"	18000.0	Step	250.0	Fly By	TF
HORIS	WP	N 35° 41' 21.54" W 91° 23' 12.41"	10000.0	Step	250.0	Fly By	TF
HUBBL	WP	N 35° 37' 37.01" W 91° 13' 9.55"	10000.0	Step	250.0	Fly By	TF
DAWGG	WP	N 35° 27' 50.50" W 90° 47' 9.09"	10000.0	Step	210.0	Fly By	TF
FNCHR	WP	N 35° 25' 28.06" W 90° 40' 53.28"	7000.0	Step	180.0	Fly By	TF
JAMLA	WP	N 35° 25' 11.21" W 90° 38' 27.90"	7000.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	**Flight Type:** Arrival/Approach **Aircraft Category:** Cat D **Climb Gradient:** *None assigned* **Ground Speeds:** Table: **200.0 Kts** up to **11000.0 Ft.** **240.0 Kts** up to **18000.0 Ft.** **260.0 Kts** up to **24000.0 Ft.** **340.0 Kts** up to **99900.0 Ft.** **Wind Settings:** *None assigned* **Descent During a Turn:** Allowed **VNAV Mode:** Flight Plan	
Entire track is fly-able		

DME/DME

Return To Summary

Settings:

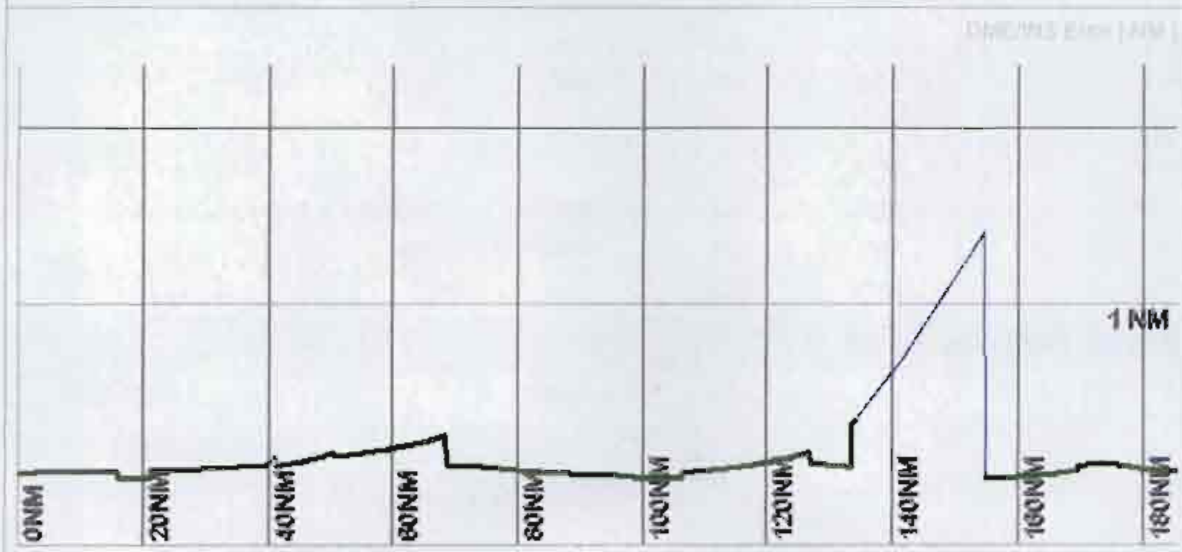
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 11

Maximum DME Error: 1.296 NM.

No Critical DMEs were found.

Available DMEs: EOS, OKM, RZC, TUL, FSM, LIT, HRO, ARG, FLP, MEM, GQE, UJM



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	OKM	N 35° 41' 35.20" W 95° 51' 57.50"	H	Database	NO	1.296	Enabled	2.8 %	3.0 %
2	RZC	N 36° 14' 47.13" W 94° 7' 17.00"	H	Database	NO	1.296	Enabled	14.5 %	15.5 %
3	EOS	N 36° 50' 32.81" W 94° 26' 8.52"	H	Database	NO	1.296	Enabled	14.5 %	15.6 %
4	FSM	N 35° 23' 18.30" W 94° 16' 17.49"	L	Database	NO	1.296	Enabled	17.1 %	18.5 %
5	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H + ESV	User	NO	1.163	Enabled	35.5 %	36.7 %
6	HRO	N 36° 19' 5.91" W 93° 12' 47.80"	L + ESV	User	NO	1.296	Enabled	15.9 %	17.1 %
7	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H + ESV	User	NO	1.125	Enabled	41.3 %	41.6 %
8	FLP	N 36° 17' 58.74" W 92° 27' 30.18"	L	Database	NO	1.296	Enabled	5.3 %	5.7 %
9	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H	Database	NO	1.296	Enabled	3.5 %	3.5 %
10	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L + ESV	User	NO	1.512	Enabled	17.2 %	14.3 %
11	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L + ESV	User	NO	1.296	Enabled	5.7 %	4.8 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	OKM	RZC	EOS	TUL	FSM	
17.7	OKM	RZC	EOS	LIT	FSM	
41.2	HRO	RZC	EOS	LIT		
53.1	HRO	RZC	ARG	LIT	FLP	
125.7	MEM	LIT	ARG			
145.3	ARG	LIT				
154.4	ARG	LIT	UJM	GQE		
177.7	ARG	LIT	UJM	GQE		
182.9	ARG	GQE	UJM			

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 35° 31' 46.51" W 93° 28' 35.73"	N 35° 32' 2.75" W 93° 27' 2.25"	1.3

VOR: FSM

Available from N 35° 31' 46.51" W 93° 28' 35.73"
to N 35° 31' 47.41" W 93° 28' 30.53"

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
2	N 35° 46' 4.61" W 91° 35' 56.67"	N 35° 37' 32.41" W 91° 12' 57.26"	20.6
	VOR: ARG	Available from N 35° 46' 4.61" W 91° 35' 56.67" to N 35° 37' 32.41" W 91° 12' 57.26"	
	VOR: JBR	Available from N 35° 41' 3.09" W 91° 22' 22.87" to N 35° 37' 32.41" W 91° 12' 57.26"	
	VOR: GQE	Available from N 35° 37' 36.59" W 91° 13' 8.41" to N 35° 37' 32.41" W 91° 12' 57.26"	

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L	240.8	109.60	UJM	Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 350.0° to 135.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	ESV:	Bearing [True]: 348.0° to 55.0° Bearing [Mag]: 347.0° to 54.0°			Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 Ft.		
2	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H	240.0	113.90	LIT	Used
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 221.0° to 228.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 229.0° to 239.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
	Restriction:	Bearing [True]: 265.0° to 285.0° Bearing [Mag]: 260.0° to 280.0°			Distance: Beyond 35.0 NM Altitude: Below 5000.0 Ft.		
	ESV:	Bearing [True]: 323.0° to 75.0° Bearing [Mag]: 318.0° to 70.0°			Arc Distance: Out to 110.0 NM Altitude: 10000.0 to 23000.0 Ft.		
3	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H	260.0	114.50	ARG	Used
	ESV:	Bearing [True]: 142.0° to 264.0° Bearing [Mag]: 138.0° to 260.0°			Arc Distance: Out to 78.0 NM Altitude: 6000.0 to 23000.0 Ft.		
4	HLI	N 34° 46' 12.95" W 89° 29' 47.39"	L	630.0	112.40	HLI	Not Used
	ESV:	Bearing [True]: 280.0° to 309.0° Bearing [Mag]: 277.0° to 306.0°			Arc Distance: Out to 50.0 NM Altitude: 3000.0 to 18000.0 Ft.		

DME/DME (Continued.)

Return To Summary

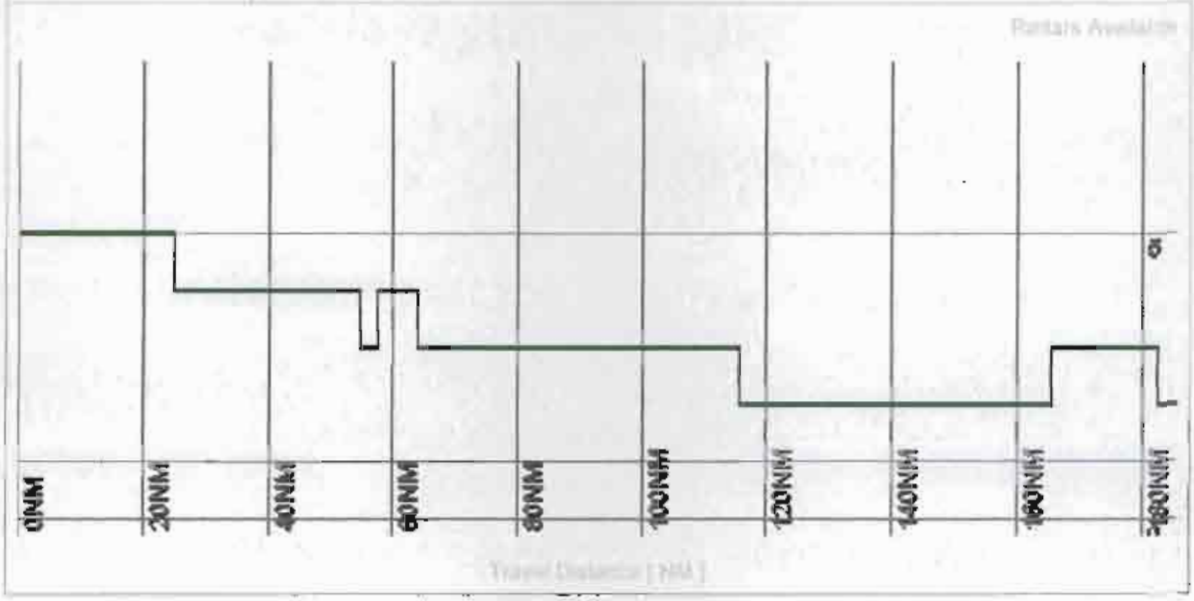
User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
5	JBR	N 35° 52' 29.69" W 90° 35' 18.62"	T	247.0	108.60	JBR	Not Used
		Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 349.0° to 134.0°		Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
		Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 224.0° to 231.0°		Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
		Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 232.0° to 242.0°		Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
		ESV:	Bearing [True]: 293.0° to 325.0° Bearing [Mag]: 291.0° to 323.0°		Arc Distance: Out to 25.0 NM Altitude: 8000.0 to 23000.0 Ft.		
6	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L	211.0	113.00	GQE	Used
		ESV:	Bearing [True]: 117.0° to 145.0° Bearing [Mag]: 113.0° to 141.0°		Arc Distance: Out to 35.0 NM Altitude: 2500.0 to 9000.0 Ft.		
		ESV:	Bearing [True]: 290.0° to 309.0° Bearing [Mag]: 286.0° to 305.0°		Arc Distance: Out to 45.0 NM Altitude: 5000.0 to 18000.0 Ft.		
7	HRO	N 36° 19' 5.91" W 93° 12' 47.80"	L	1400.4	112.50	HRO	Used
		Restriction:	Bearing [True]: 169.0° to 219.0° Bearing [Mag]: 165.0° to 215.0°		Distance: Beyond 30.0 NM Altitude: Below 5000.0 Ft.		
		Restriction:	Bearing [True]: 249.0° to 264.0° Bearing [Mag]: 245.0° to 260.0°		Distance: Beyond 30.0 NM Altitude: Below 4500.0 Ft.		
		ESV:	Bearing [True]: 153.0° to 197.0° Bearing [Mag]: 149.0° to 193.0°		Arc Distance: Out to 52.0 NM Altitude: 9000.0 to 23000.0 Ft.		

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR



Name:	MILLERJ
Project Name:	MEM FNCHR1 ARG JAYWA 20120125
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	1/25/2012 3:55:57 PM
Input File:	KMEM FNCHR ARG JAYW...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔	**Please Check Flyability Results**
DME/DME	✔	
Radars	✔	
Comms	?	
TERPS	?	

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STAR
FNCHR1
50 NM

Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
ARG	WP	N 36° 6' 36.07" W 90° 57' 13.30"	18000.0	Step	290.0	Fly By	TF
STANI	WP	N 35° 53' 51.84" W 90° 53' 53.62"	18000.0	Step	250.0	Fly By	TF
DAWGG	WP	N 35° 27' 50.50" W 90° 47' 9.09"	10000.0	Step	250.0	Fly By	TF
FNCHR	WP	N 35° 25' 28.06" W 90° 40' 53.28"	10000.0	Step	250.0	Fly By	TF
GQE	WP	N 35° 20' 49.31" W 90° 28' 41.37"	6000.0	Step	210.0	Fly By	TF
JESTI	WP	N 35° 17' 47.35" W 90° 24' 8.60"	6000.0	Step	210.0	Fly By	TF
BEERT	WP	N 35° 14' 51.55" W 90° 19' 45.19"	6000.0	Step	210.0	Fly By	TF
LOONR	WP	N 35° 8' 31.48" W 90° 10' 18.11"	6000.0	Step	210.0	Fly By	TF
BOWEN	WP	N 35° 5' 59.25" W 90° 6' 31.69"	4000.0	Step	180.0	Fly By	TF
JIMGA	WP	N 35° 1' 28.85" W 90° 6' 36.79"	4000.0	Step	180.0	Fly By	TF
JAYWA	WP	N 34° 47' 57.65" W 90° 6' 9.62"	4000.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	**Flight Type:** Arrival/Approach **Aircraft Category:** Cat D **Climb Gradient:** *None assigned* **Ground Speeds:** Table: **200.0 Kts** up to **11000.0 Ft.** **240.0 Kts** up to **18000.0 Ft.** **260.0 Kts** up to **24000.0 Ft.** **340.0 Kts** up to **99900.0 Ft.** **Wind Settings:** *None assigned* **Descent During a Turn:** Allowed **VNAV Mode:** Flight Plan	
ALTITUDE at Fly-By WP BOWEN too high.		

DME/DME

Return To Summary

Settings:

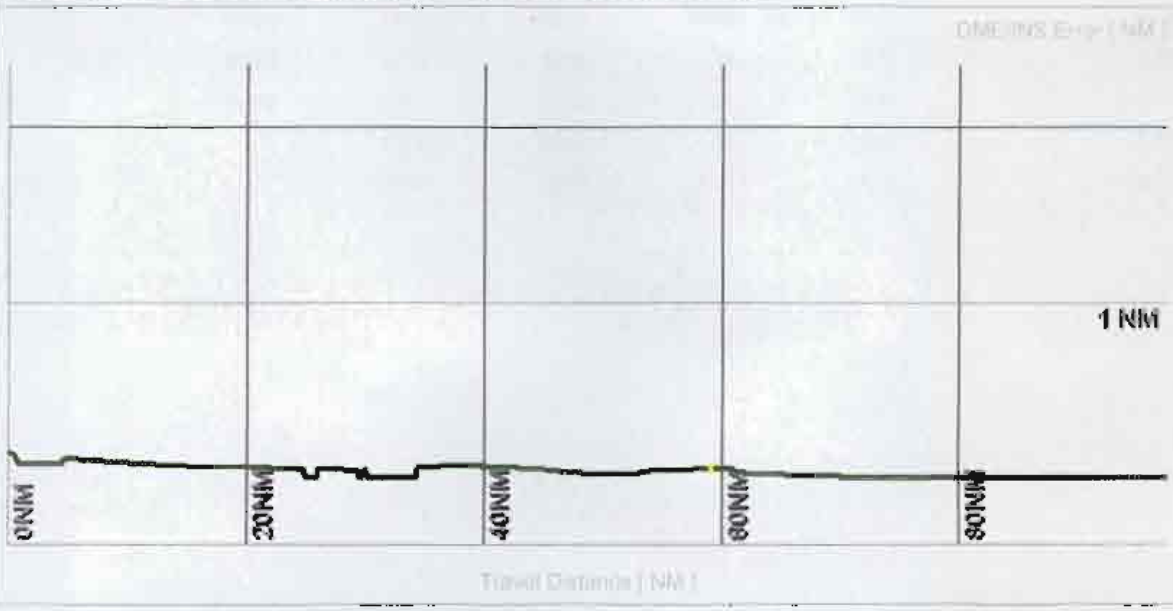
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 8

Maximum DME Error: 0.379 NM.

No Critical DMEs were found.

Available DMEs: LIT, MEM, JBR, ARG, GQE, UJM, MAW, HLI



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H + ESV	User	NO	1.349	Enabled	37.2 %	40.6 %
2	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H + ESV	User	NO	0.576	Enabled	29.2 %	30.8 %
3	JBR	N 35° 52' 29.69" W 90° 35' 18.62"	T + ESV	User	NO	0.379	Enabled	9.1 %	9.7 %
4	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L + ESV	User	NO	0.442	Enabled	59.0 %	57.1 %
5	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H + ESV	User	NO	0.379	Enabled	8.5 %	8.0 %
6	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L + ESV	User	NO	1.176	Enabled	42.7 %	40.3 %
7	MAW	N 36° 33' 18.41" W 89° 54' 41.12"	L + ESV	User	NO	0.379	Enabled	13.9 %	13.1 %
8	HLI	N 34° 46' 12.95" W 89° 29' 47.39"	L + ESV	User	NO	0.379	Enabled	0.2 %	0.2 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	MEM	LIT	JBR	ARG		
13.0	MEM	LIT	GQE	ARG		
23.1	JBR	LIT	GQE	ARG	UJM	
38.7	UJM	LIT	GQE	ARG		
45.1	UJM	MAW	GQE	ARG	MEM	LIT
55.7	UJM	MAW	GQE	ARG	MEM	
60.9	UJM	MAW	GQE	ARG	MEM	
65.5	UJM	HLI	GQE	ARG	MEM	MAW
75.5	UJM	HLI	GQE	ARG	MEM	
78.7	UJM	HLI	GQE	MEM		
83.8	UJM	HLI	GQE	MEM		

DME/DME (Continued.)

Return To Summary

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L	240.8	109.60	UJM	Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 350.0° to 135.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	ESV:	Bearing [True]: 348.0° to 55.0° Bearing [Mag]: 347.0° to 54.0°			Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 Ft.		
2	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H	240.0	113.90	LIT	Used
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 221.0° to 228.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 229.0° to 239.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
	Restriction:	Bearing [True]: 265.0° to 285.0° Bearing [Mag]: 260.0° to 280.0°			Distance: Beyond 35.0 NM Altitude: Below 5000.0 Ft.		
	ESV:	Bearing [True]: 323.0° to 75.0° Bearing [Mag]: 318.0° to 70.0°			Arc Distance: Out to 110.0 NM Altitude: 10000.0 to 23000.0 Ft.		
3	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H	260.0	114.50	ARG	Used
	ESV:	Bearing [True]: 142.0° to 264.0° Bearing [Mag]: 138.0° to 260.0°			Arc Distance: Out to 78.0 NM Altitude: 6000.0 to 23000.0 Ft.		
4	HLI	N 34° 46' 12.95" W 89° 29' 47.39"	L	630.0	112.40	HLI	Used
	ESV:	Bearing [True]: 280.0° to 309.0° Bearing [Mag]: 277.0° to 306.0°			Arc Distance: Out to 50.0 NM Altitude: 3000.0 to 18000.0 Ft.		
5	JBR	N 35° 52' 29.69" W 90° 35' 18.62"	T	247.0	108.60	JBR	Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 349.0° to 134.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 224.0° to 231.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 232.0° to 242.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
	ESV:	Bearing [True]: 293.0° to 325.0° Bearing [Mag]: 291.0° to 323.0°			Arc Distance: Out to 25.0 NM Altitude: 8000.0 to 23000.0 Ft.		
6	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L	211.0	113.00	GQE	Used
	ESV:	Bearing [True]: 117.0° to 145.0° Bearing [Mag]: 113.0° to 141.0°			Arc Distance: Out to 35.0 NM Altitude: 2500.0 to 9000.0 Ft.		
	ESV:	Bearing [True]: 290.0° to 309.0° Bearing [Mag]: 286.0° to 305.0°			Arc Distance: Out to 45.0 NM Altitude: 5000.0 to 18000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
7	GHM	N 35° 50' 2.24" W 87° 27' 6.45"	L	770.0	111.60	GHM	Not Used
		ESV:	Bearing [True]: 272.0° to 25.0° Bearing [Mag]: 269.0° to 22.0°		Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 Ft.		
8	BNA	N 36° 8' 13.06" W 86° 41' 5.18"	H	565.8	114.10	BNA	Not Used
		ESV:	Bearing [True]: 262.0° to 339.0° Bearing [Mag]: 264.0° to 341.0°		Arc Distance: Out to 104.0 NM Altitude: 10000.0 to 18000.0 Ft.		
9	MEM	N 35° 0' 54.42" W 89° 58' 59.55"	H	360.0	117.50	MEM	Used
		ESV:	Bearing [True]: 41.0° to 57.0° Bearing [Mag]: 40.0° to 56.0°		Arc Distance: Out to 85.0 NM Altitude: 5000.0 to 18000.0 Ft.		
10	GQO	N 34° 57' 40.54" W 85° 9' 12.14"	H	1014.5	115.80	GQO	Not Used
		ESV:	Bearing [True]: 301.0° to 315.0° Bearing [Mag]: 300.0° to 314.0°		Arc Distance: Out to 127.0 NM Altitude: 0.0 to 24000.0 Ft.		
11	DYR	N 36° 1' 6.78" W 89° 19' 3.69"	L	388.7	116.80	DYR	Not Used
		ESV:	Bearing [True]: 88.0° to 202.0° Bearing [Mag]: 85.0° to 199.0°		Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 18000.0 Ft.		
12	CKV	N 36° 37' 19.17" W 87° 24' 45.53"	T	544.0	110.60	CKV	Not Used
		ESV:	Bearing [True]: 126.0° to 209.0° Bearing [Mag]: 127.0° to 210.0°		Arc Distance: Out to 55.0 NM Altitude: 10000.0 to 18000.0 Ft.		
13	SQS	N 33° 27' 49.90" W 90° 16' 38.40"	H	125.0	114.70	SQS	Not Used
		ESV:	Bearing [True]: 303.0° to 350.0° Bearing [Mag]: 300.0° to 347.0°		Arc Distance: Out to 77.0 NM Altitude: 6500.0 to 23000.0 Ft.		
		ESV:	Bearing [True]: 110.0° to 200.0° Bearing [Mag]: 107.0° to 197.0°		Arc Distance: Out to 62.0 NM Altitude: 3200.0 to 19000.0 Ft.		
		ESV:	Bearing [True]: 246.0° to 288.0° Bearing [Mag]: 243.0° to 285.0°		Arc Distance: Out to 96.0 NM Altitude: 8500.0 to 19000.0 Ft.		
14	OTB	N 34° 13' 25.88" W 88° 47' 50.44"	L	363.7	109.80	OTB	Not Used
		Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 347.0° to 132.0°		Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
		ESV:	Bearing [True]: 291.0° to 298.0° Bearing [Mag]: 287.0° to 294.0°		Arc Distance: Out to 71.0 NM Altitude: 3200.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 15.0° to 90.0° Bearing [Mag]: 11.0° to 86.0°		Arc Distance: Out to 60.0 NM Altitude: 3500.0 to 18000.0 Ft.		

DME/DME (Continued.)

Return To Summary

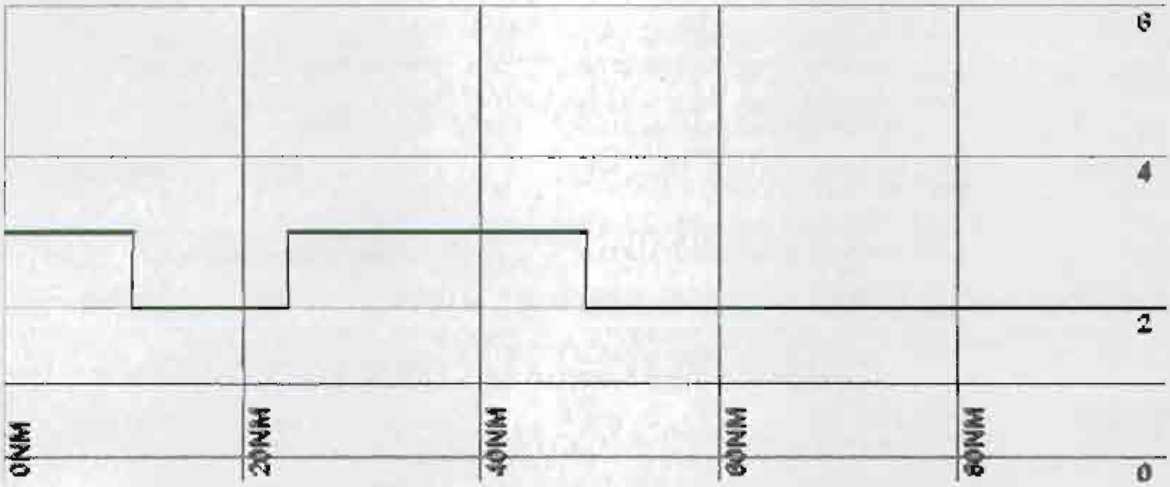
User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
15	IGB	N 33° 29' 7.75" W 88° 30' 48.93"	L	240.1	116.20	IGB	Not Used
		ESV:	Bearing [True]: 265.0° to 301.0° Bearing [Mag]: 261.0° to 297.0°		Arc Distance: Out to 96.0 NM Altitude: 8500.0 to 23000.0 Ft.		
		ESV:	Bearing [True]: 260.0° to 319.0° Bearing [Mag]: 256.0° to 315.0°		Arc Distance: Out to 98.0 NM Altitude: 8500.0 to 23000.0 Ft.		
16	MEI	N 32° 22' 42.43" W 88° 48' 15.31"	H	578.1	117.00	MEI	Not Used
		ESV:	Bearing [True]: 305.0° to 318.0° Bearing [Mag]: 300.0° to 313.0°		Arc Distance: Out to 109.0 NM Altitude: 12000.0 to 25000.0 Ft.		
17	HAB	N 34° 11' 55.57" W 88° 0' 41.83"	L	802.1	110.40	HAB	Not Used
		ESV:	Bearing [True]: 315.0° to 358.0° Bearing [Mag]: 313.0° to 356.0°		Arc Distance: Out to 73.0 NM Altitude: 10000.0 to 15000.0 Ft.		
18	MSL	N 34° 42' 24.68" W 87° 29' 29.70"	L	579.7	116.50	MSL	Not Used
		Restriction:	Bearing [True]: 47.0° to 85.0° Bearing [Mag]: 46.0° to 84.0°		Distance: Beyond 25.0 NM Altitude: Below 2000.0 Ft.		
		ESV:	Bearing [True]: 236.0° to 281.0° Bearing [Mag]: 235.0° to 280.0°		Arc Distance: Out to 90.0 NM Altitude: 7500.0 to 21000.0 Ft.		
		ESV:	Bearing [True]: 296.0° to 350.0° Bearing [Mag]: 295.0° to 349.0°		Arc Distance: Out to 82.0 NM Altitude: 12000.0 to 21000.0 Ft.		
19	JKS	N 35° 35' 56.36" W 88° 21' 31.96"	L	630.0	109.40	JKS	Not Used
		ESV:	Bearing [True]: 236.0° to 245.0° Bearing [Mag]: 234.0° to 243.0°		Arc Distance: Out to 73.0 NM Altitude: 4800.0 to 18000.0 Ft.		
		ESV:	Bearing [True]: 176.0° to 235.0° Bearing [Mag]: 174.0° to 233.0°		Arc Distance: Out to 84.0 NM Altitude: 6200.0 to 19000.0 Ft.		
20	MAW	N 36° 33' 18.41" W 89° 54' 41.12"	L	280.0	111.20	MAW	Used
		ESV:	Bearing [True]: 187.0° to 207.0° Bearing [Mag]: 184.0° to 204.0°		Arc Distance: Out to 86.0 NM Altitude: 4000.0 to 16000.0 Ft.		

Radar Analysis

Return To Summary

Settings: **Radar Types:** ARSR and ASR



Name:	MILLERJ
Project Name:	MEM FNCHR RZC JAMLA 2 CRITICALS 20120125
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	1/25/2012 2:53:42 PM
Input File:	KMEM FNCHR RZC JAMLA...
Databases:	AVNIS Date: 08/26/2011
	NFD Date: 07/02/2009
	DTED® (MAX) Date: 2002

Results Summary:

Flyability	✔
DME/DME	✔
Radars	✔
Comms	?
TERPS	?

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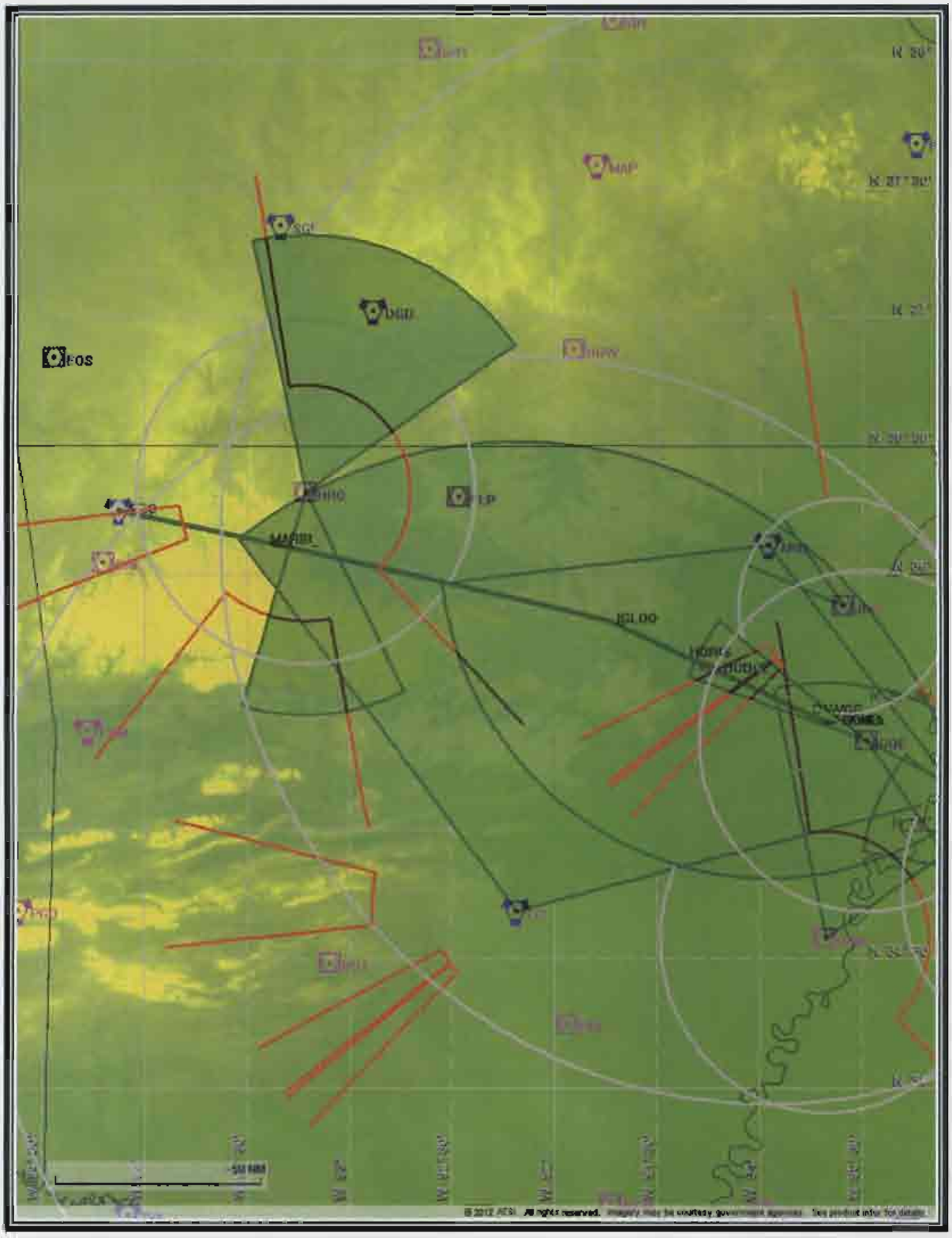

FOS
MAP
ISLOO

DME/DME

Return To Summary

Settings:

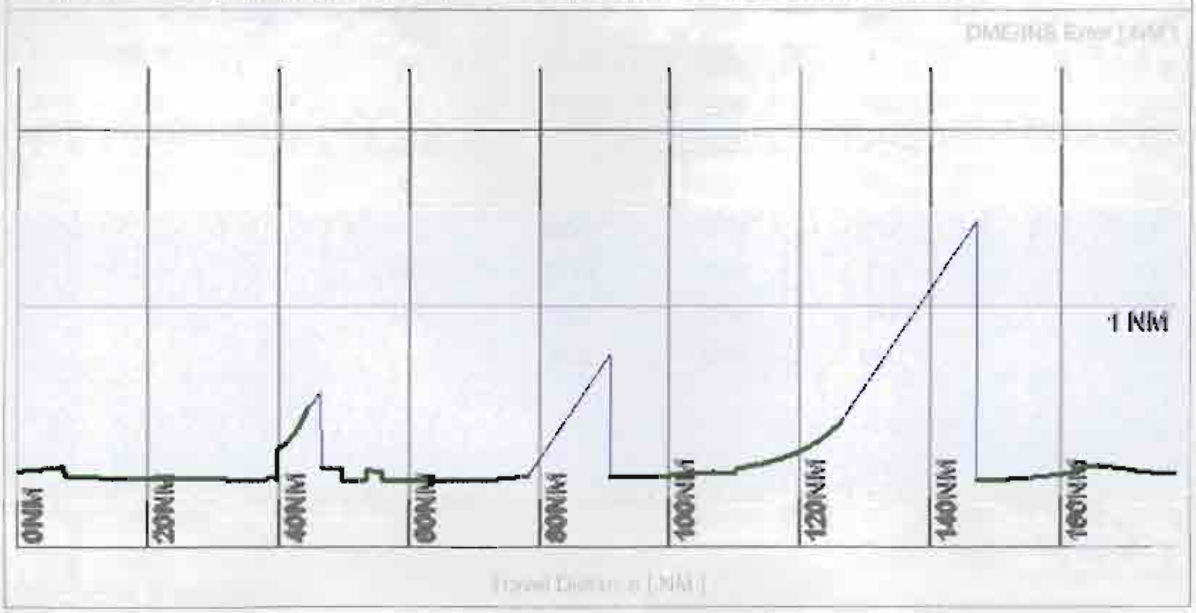
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: VOR/DME , VORTAC , TACAN , and User
DME Include Angles: 30 to 150
Critical DMEs: Allowed
DoD Facilities: Not included
Foreign Facilities: Not included
Low & Terminal DMEs: Included
Flight Check DMEs: Selected
Higher Altitudes: Evaluated
Near Maximum Altitude: Evaluated

Total Number of DMEs Used: 10

Maximum DME Error: 1.346 NM.

2 Critical DMEs were found.

Available DMEs: EOS, OKM, SGF, TUL, RZC, HRO, LIT, FLP, ARG, GQE, UJM



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	EOS	N 36° 50' 32.81" W 94° 26' 8.52"	H	Database	NO	1.346	Enabled	6.4 %	7.6 %
2	OKM	N 35° 41' 35.20" W 95° 51' 57.50"	H	Database	NO	1.346	Enabled	3.4 %	4.1 %
3	RZC	N 36° 14' 47.13" W 94° 7' 17.00"	H	Database	NO	1.346	Enabled	12.1 %	14.7 %
4	SGF	N 37° 21' 21.41" W 93° 20' 2.54"	H	Database	NO	1.346	Enabled	11.7 %	14.3 %
5	HRO	N 36° 19' 5.91" W 93° 12' 47.80"	L + ESV	User	NO	1.346	Enabled	21.3 %	21.2 %
6	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H + ESV	User	YES	**1.783**	Enabled	29.7 %	28.7 %
7	FLP	N 36° 17' 58.74" W 92° 27' 30.18"	L	Database	NO	1.695	Enabled	20.6 %	19.7 %
8	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H + ESV	User	YES	**1.820**	Enabled	32.0 %	30.1 %
9	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L + ESV	User	NO	1.562	Enabled	15.9 %	15.0 %
10	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L + ESV	User	NO	1.346	Enabled	5.3 %	5.0 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	EOS	OKM	RZC	SGF	TUL	HRO
10.1	EOS	HRO	RZC	SGF	TUL	
24.0	EOS	HRO	RZC	SGF	LIT	
34.2	EOS	HRO	RZC	SGF	LIT	
44.3	LIT	HRO	FLP			
78.2	LIT	ARG	FLP			
118.5	LIT	ARG				
137.6	LIT	ARG				
146.6	LIT	ARG	GQE			
156.6	LIT	ARG	GQE	UJM		
170.0	LIT	ARG	GQE	UJM		
175.1	UJM	ARG	GQE			

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 5' 33.45" W 93° 13' 47.66"	N 36° 5' 7.89" W 93° 11' 23.00"	2.0
	VOR: FLP	Available from N 36° 5' 33.45" W 93° 13' 47.66" to N 36° 5' 7.89" W 93° 11' 23.00"	
	VOR: HRO	Available from N 36° 5' 33.45" W 93° 13' 47.66" to N 36° 5' 7.89" W 93° 11' 23.00"	
2	N 35° 58' 12.31" W 92° 32' 54.53"	N 35° 55' 27.18" W 92° 17' 57.63"	12.4
	VOR: FLP	Available from N 35° 58' 12.31" W 92° 32' 54.53" to N 35° 55' 27.18" W 92° 17' 57.63"	
	VOR: HRO	Available from N 35° 58' 12.31" W 92° 32' 54.53" to N 35° 57' 51.04" W 92° 30' 58.35"	
3	N 35° 46' 3.84" W 91° 35' 54.62"	N 35° 37' 32.12" W 91° 12' 56.46"	20.6
	VOR: ARG	Available from N 35° 46' 3.84" W 91° 35' 54.62" to N 35° 37' 32.12" W 91° 12' 56.46"	
	VOR: JBR	Available from N 35° 41' 2.80" W 91° 22' 22.07" to N 35° 37' 32.12" W 91° 12' 56.46"	
	VOR: GQE	Available from N 35° 37' 36.29" W 91° 13' 7.62" to N 35° 37' 32.12" W 91° 12' 56.46"	

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	UJM	N 34° 34' 30.16" W 90° 40' 27.84"	L	240.8	109.60	UJM	Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 350.0° to 135.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	ESV:	Bearing [True]: 348.0° to 55.0° Bearing [Mag]: 347.0° to 54.0°			Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
2	LIT	N 34° 40' 39.62" W 92° 10' 49.90"	H	240.0	113.90	LIT	Used
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 221.0° to 228.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 229.0° to 239.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
	Restriction:	Bearing [True]: 265.0° to 285.0° Bearing [Mag]: 260.0° to 280.0°			Distance: Beyond 35.0 NM Altitude: Below 5000.0 Ft.		
	ESV:	Bearing [True]: 323.0° to 75.0° Bearing [Mag]: 318.0° to 70.0°			Arc Distance: Out to 110.0 NM Altitude: 10000.0 to 23000.0 Ft.		
3	ARG	N 36° 6' 35.95" W 90° 57' 13.23"	H	260.0	114.50	ARG	Used
	ESV:	Bearing [True]: 142.0° to 264.0° Bearing [Mag]: 138.0° to 260.0°			Arc Distance: Out to 78.0 NM Altitude: 6000.0 to 23000.0 Ft.		
4	HLI	N 34° 46' 12.95" W 89° 29' 47.39"	L	630.0	112.40	HLI	Not Used
	ESV:	Bearing [True]: 280.0° to 309.0° Bearing [Mag]: 277.0° to 306.0°			Arc Distance: Out to 50.0 NM Altitude: 3000.0 to 18000.0 Ft.		
5	JBR	N 35° 52' 29.69" W 90° 35' 18.62"	T	247.0	108.60	JBR	Not Used
	Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 349.0° to 134.0°			Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 226.0° to 233.0° Bearing [Mag]: 224.0° to 231.0°			Distance: Beyond 20.0 NM Altitude: Below 2800.0 Ft.		
	Restriction:	Bearing [True]: 234.0° to 244.0° Bearing [Mag]: 232.0° to 242.0°			Distance: Beyond 20.0 NM Altitude: Below 2500.0 Ft.		
	ESV:	Bearing [True]: 293.0° to 325.0° Bearing [Mag]: 291.0° to 323.0°			Arc Distance: Out to 25.0 NM Altitude: 8000.0 to 23000.0 Ft.		
6	GQE	N 35° 20' 49.31" W 90° 28' 41.37"	L	211.0	113.00	GQE	Used
	ESV:	Bearing [True]: 117.0° to 145.0° Bearing [Mag]: 113.0° to 141.0°			Arc Distance: Out to 35.0 NM Altitude: 2500.0 to 9000.0 Ft.		
	ESV:	Bearing [True]: 290.0° to 309.0° Bearing [Mag]: 286.0° to 305.0°			Arc Distance: Out to 45.0 NM Altitude: 5000.0 to 18000.0 Ft.		

DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
7	HRO	N 36° 19' 5.91" W 93° 12' 47.80"	L	1400.4	112.50	HRO	Used

Restriction:	Bearing [True]: 169.0° to 219.0° Bearing [Mag]: 165.0° to 215.0°	Distance: Beyond 30.0 NM Altitude: Below 5000.0 Ft.
Restriction:	Bearing [True]: 249.0° to 264.0° Bearing [Mag]: 245.0° to 260.0°	Distance: Beyond 30.0 NM Altitude: Below 4500.0 Ft.
Restriction:	Bearing [True]: 351.0° to 136.0° Bearing [Mag]: 347.0° to 132.0°	Distance: Beyond 25.0 NM Altitude: Below 2800.0 Ft.
ESV:	Bearing [True]: 153.0° to 197.0° Bearing [Mag]: 149.0° to 193.0°	Arc Distance: Out to 52.0 NM Altitude: 9000.0 to 23000.0 Ft.
ESV:	Bearing [True]: 348.0° to 55.0° Bearing [Mag]: 344.0° to 51.0°	Arc Distance: Out to 60.0 NM Altitude: 3000.0 to 10000.0 Ft.