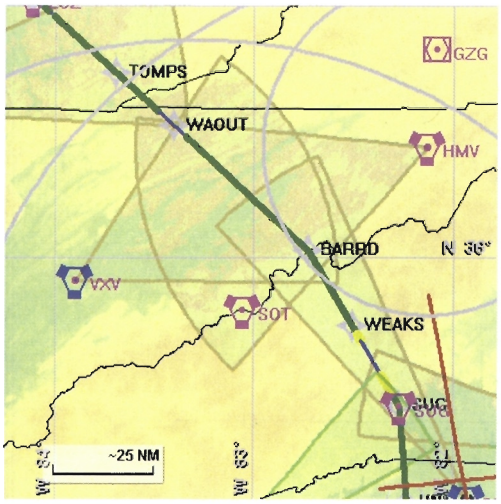

Name:	Dennis Osterhage
Project Name:	KGSP UNMAN STAR LOZ UNMAN 20111227
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	12/28/2011 8:04:26 AM
Input File:	KGSP UNMAN STAR LOZ ...
Databases:	AVNIS Date: 08/26/2011 NFD Date: 07/02/2009 DTED® (MAX) Date: 2002

Results Summary:

Flyability	✓
DME/DME	✓
Radars	
Comms	
TERPS	

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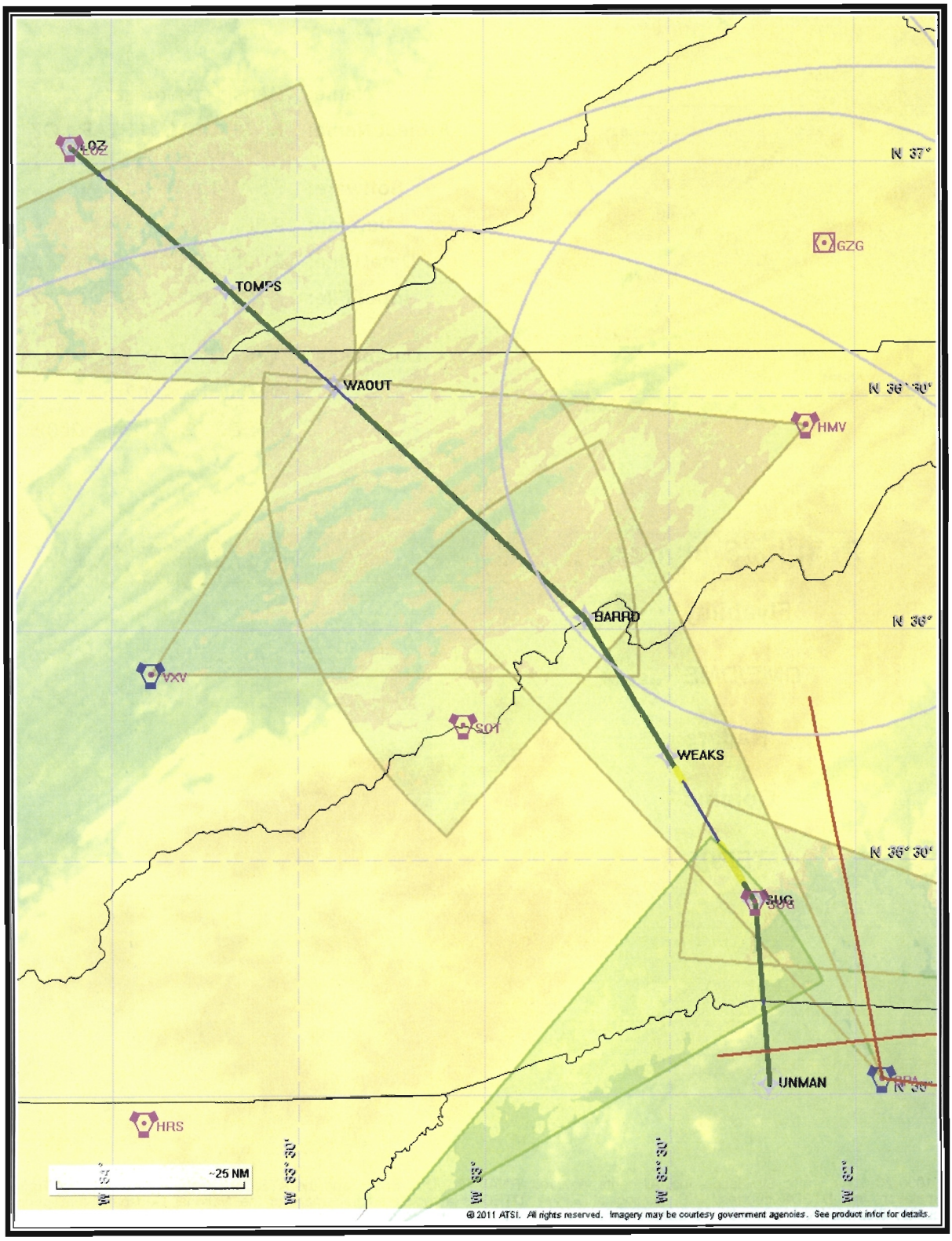
LOZ
TOMPS
WAOUT
BARRD
WEAKS
UNMAN
GZG
HMV
VXV
SQT
HRS
N 37°
N 36° 30'
N 36°
N 35° 30'
~25 NM
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
LOZ	WP	N 37° 1' 59.34" W 84° 6' 36.27"	18000.0	Step	240.0	Fly By	TF
TOMPS	WP	N 36° 43' 57.48" W 83° 41' 31.69"	18000.0	Step	240.0	Fly By	TF
WAOUT	WP	N 36° 31' 12.99" W 83° 23' 59.94"	18000.0	Step	240.0	Fly By	TF
BARRD	WP	N 36° 1' 19.28" W 82° 43' 28.22"	11000.0	Step	210.0	Fly By	TF
WEAKS	WP	N 35° 43' 19.92" W 82° 30' 4.97"	11000.0	Step	210.0	Fly By	TF
SUG	WP	N 35° 24' 23.42" W 82° 16' 7.01"	11000.0	Step	210.0	Fly By	TF
UNMAN	WP	N 35° 1' 19.02" W 82° 13' 48.50"	5700.0	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 **29000.0 Ft.**
280.0 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:

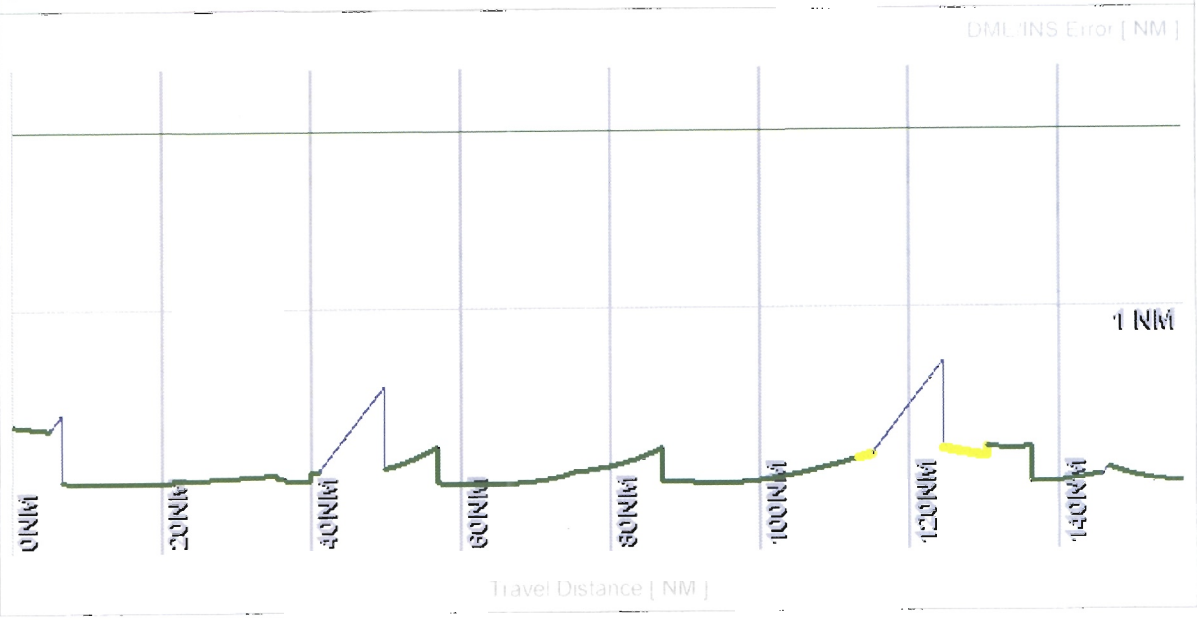
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 10

Maximum DME Error: 0.775 NM.

No Critical DMEs were found.

Available DMEs: VXV, IIU, LOZ, LVT, HMV, SOT, SPA, SUG, CLT, ODF



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	VXV	N 35° 54' 17.42" W 83° 53' 41.02"	H + ESV	User	NO	1.125	Enabled	37.2 %	37.2 %
2	IIU	N 38° 6' 12.47" W 85° 34' 38.77"	H	Database	NO	0.816	Enabled	3.2 %	3.1 %
3	LVT	N 36° 35' 4.24" W 85° 9' 59.84"	L + ESV	User	NO	0.881	Enabled	19.1 %	19.1 %
4	LOZ	N 37° 1' 59.34" W 84° 6' 36.27"	L	Database	NO	0.775	Enabled	2.9 %	2.9 %
5	HMV	N 36° 26' 13.40" W 82° 7' 46.56"	L + ESV	User	NO	0.966	Enabled	18.5 %	18.5 %
6	SOT	N 35° 47' 24.36" W 83° 3' 8.53"	L	Database	NO	1.590	Enabled	35.1 %	35.1 %
7	SPA	N 35° 2' 1.05" W 81° 55' 37.24"	H + ESV	User	NO	1.304	Enabled	19.4 %	19.4 %
8	SUG	N 35° 24' 23.42" W 82° 16' 7.01"	L	Database	NO	0.803	Enabled	24.8 %	24.8 %
9	CLT	N 35° 11' 25.04" W 80° 57' 6.31"	L + ESV	User	NO	1.246	Enabled	8.1 %	8.1 %
10	ODF	N 34° 41' 45.14" W 83° 17' 51.58"	H + ESV	User	NO	0.775	Enabled	5.5 %	5.5 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	VXV	LVT	LOZ	IIU		
27.0	VXV	LVT	LOZ			
46.0	VXV	HMV	SOT	SPA		
89.9	VXV	HMV	SOT	SPA	SUG	
111.3	CLT	SUG	SOT	SPA		
132.8	CLT	SUG	ODF	SPA		

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 58' 41.58" W 84° 1' 59.69"	N 36° 57' 41.56" W 84° 0' 35.91"	1.5
	VOR: LOZ	Available from N 36° 58' 41.58" W 84° 1' 59.69" to N 36° 57' 41.56" W 84° 0' 35.91"	
2	N 36° 34' 36.54" W 83° 28' 39.01"	N 36° 28' 49.47" W 83° 20' 43.61"	8.6

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
3	N 35° 40' 7.98" W 82° 27' 42.96"	N 35° 32' 4.84" W 82° 21' 46.23"	9.4
	VOR: SOT	Available from N 35° 40' 7.98" W 82° 27' 42.96" to N 35° 32' 4.84" W 82° 21' 46.23"	
	VOR: SUG	Available from N 35° 40' 7.98" W 82° 27' 42.96" to N 35° 32' 4.84" W 82° 21' 46.23"	
	VOR: SPA	Available from N 35° 34' 44.98" W 82° 23' 44.28" to N 35° 32' 4.84" W 82° 21' 46.23"	
4	N 35° 11' 58.01" W 82° 14' 52.22"	N 35° 11' 8.10" W 82° 14' 47.23"	0.8
	VOR: SPA	Available from N 35° 11' 58.01" W 82° 14' 52.22" to N 35° 11' 8.10" W 82° 14' 47.23"	
	VOR: SUG	Available from N 35° 11' 58.01" W 82° 14' 52.22" to N 35° 11' 8.10" W 82° 14' 47.23"	

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	ODF	N 34° 41' 45.14" W 83° 17' 51.58"	H	1700.0	113.40	ODF	Used
	ESV:	Bearing [True]: 41.0° to 61.0° Bearing [Mag]: 41.0° to 61.0°		Arc Distance: Out to 68.0 NM Altitude: 5000.0 to 18000.0 Ft.			
2	SPA	N 35° 2' 1.05" W 81° 55' 37.24"	H	935.4	115.70	SPA	Used
	Restriction:	Bearing [True]: 349.0° to 97.0° Bearing [Mag]: 351.0° to 99.0°		Distance: Beyond 0.0 NM Altitude: Below 15000.0 Ft.			
	ESV:	Bearing [True]: 317.0° to 336.0° Bearing [Mag]: 319.0° to 338.0°		Arc Distance: Out to 90.0 NM Altitude: 10000.0 to 17000.0 Ft.			
3	LVT	N 36° 35' 4.24" W 85° 9' 59.84"	L	1020.0	108.40	LVT	Used
	ESV:	Bearing [True]: 66.0° to 92.0° Bearing [Mag]: 68.0° to 94.0°		Arc Distance: Out to 88.0 NM Altitude: 17000.0 to 24000.0 Ft.			
4	VXV	N 35° 54' 17.42" W 83° 53' 41.02"	H	1289.6	116.40	VXV	Used
	ESV:	Bearing [True]: 33.0° to 90.0° Bearing [Mag]: 36.0° to 93.0°		Arc Distance: Out to 64.0 NM Altitude: 10000.0 to 18000.0 Ft.			
5	HMV	N 36° 26' 13.40" W 82° 7' 46.56"	L	4321.0	114.60	HMV	Used
	ESV:	Bearing [True]: 222.0° to 276.0° Bearing [Mag]: 226.0° to 280.0°		Arc Distance: Out to 71.0 NM Altitude: 10000.0 to 24000.0 Ft.			

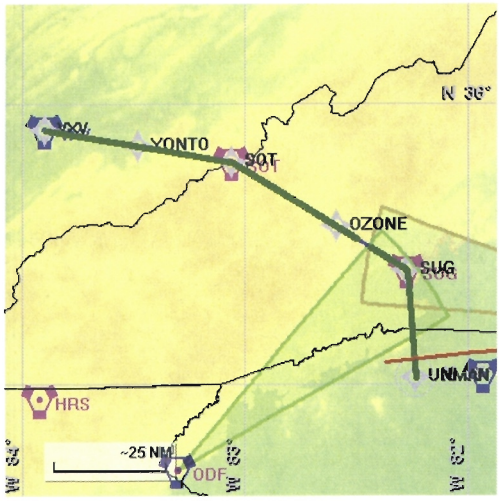
DME/DME (Continued.)

Return To Summary

User DMEs (Continued.)

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
6	CLT	N 35° 11' 25.04" W 80° 57' 6.31"	L	731.7	115.00	CLT	Used

Restriction:	Bearing [True]: 10.0° to 45.0° Bearing [Mag]: 15.0° to 50.0°	Distance: Beyond 25.0 NM Altitude: Below 3000.0 Ft.
Restriction:	Bearing [True]: 45.0° to 95.0° Bearing [Mag]: 50.0° to 100.0°	Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.
Restriction:	Bearing [True]: 265.0° to 345.0° Bearing [Mag]: 270.0° to 350.0°	Distance: Beyond 20.0 NM Altitude: Below 5000.0 Ft.
ESV:	Bearing [True]: 275.0° to 291.0° Bearing [Mag]: 280.0° to 296.0°	Arc Distance: Out to 75.0 NM Altitude: 5000.0 to 19000.0 Ft.



Name:	Dennis Osterhage
Project Name:	KGSP UNMAN STAR VXV UNMAN 20111227
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	12/28/2011 12:23:09 PM
Input File:	KGSP UNMAN STAR VXV ...
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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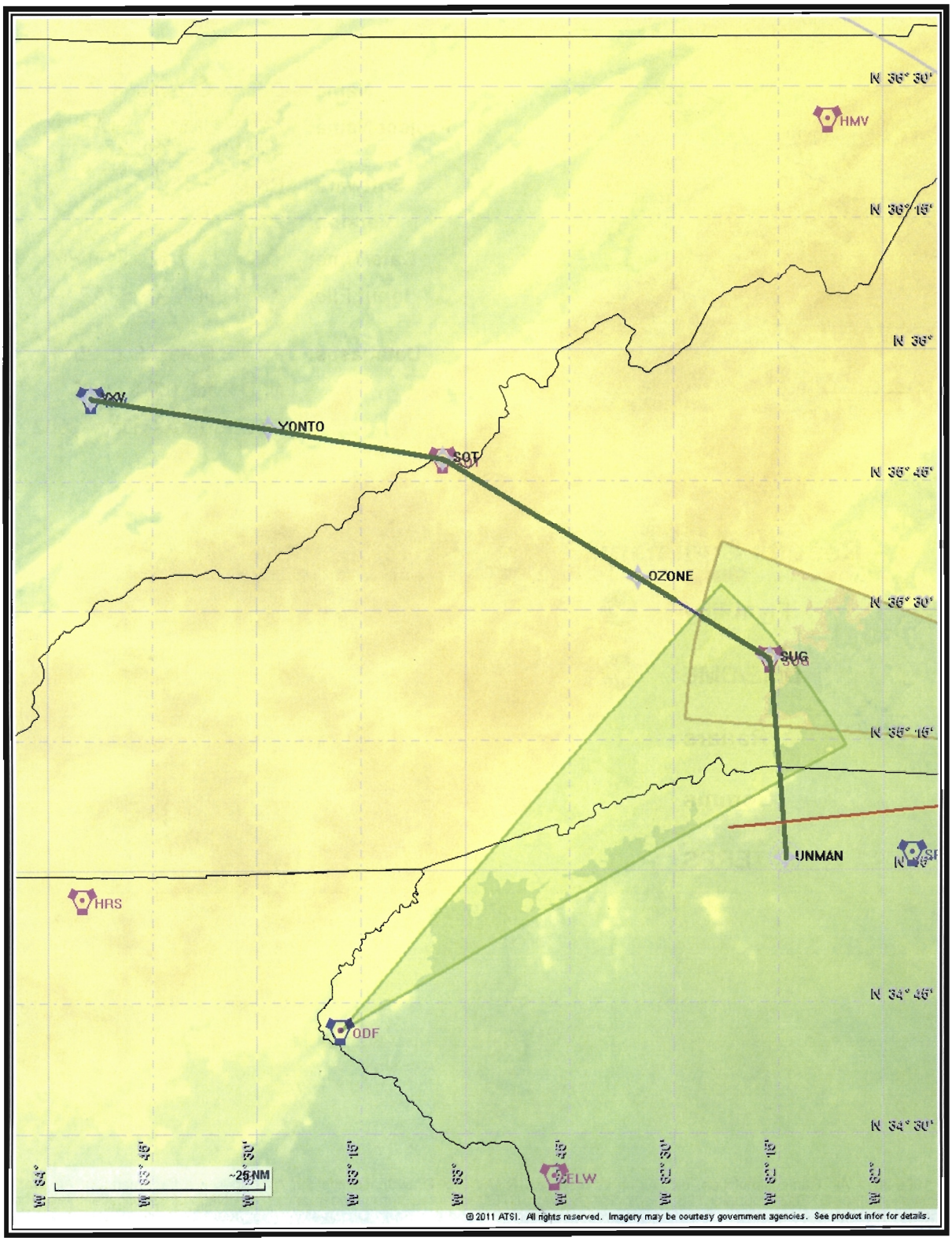
N 36° 30'
HMV
N 36° 15'
N 36°
VXV
YONTO
SOT
N 35° 45'
OZONE
N 35° 30'
SUG
N 35° 15'
UNMAN
HRS
N 34° 45'
ODF
N 34° 30'
~25 NM
ELW
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
VXV	WP	N 35° 54' 17.42" W 83° 53' 41.02"	18000.0	Step	240.0	Fly By	TF
YONTO	WP	N 35° 50' 51.86" W 83° 28' 11.29"	18000.0	Step	240.0	Fly By	TF
SOT	WP	N 35° 47' 24.36" W 83° 3' 8.53"	18000.0	Step	240.0	Fly By	TF
OZONE	WP	N 35° 33' 42.63" W 82° 35' 1.79"	18000.0	Step	240.0	Fly By	TF
SUG	WP	N 35° 24' 23.42" W 82° 16' 7.01"	11000.0	Step	210.0	Fly By	TF
UNMAN	WP	N 35° 1' 19.02" W 82° 13' 48.50"	5700.0	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 **29000.0 Ft.**
280.0 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:

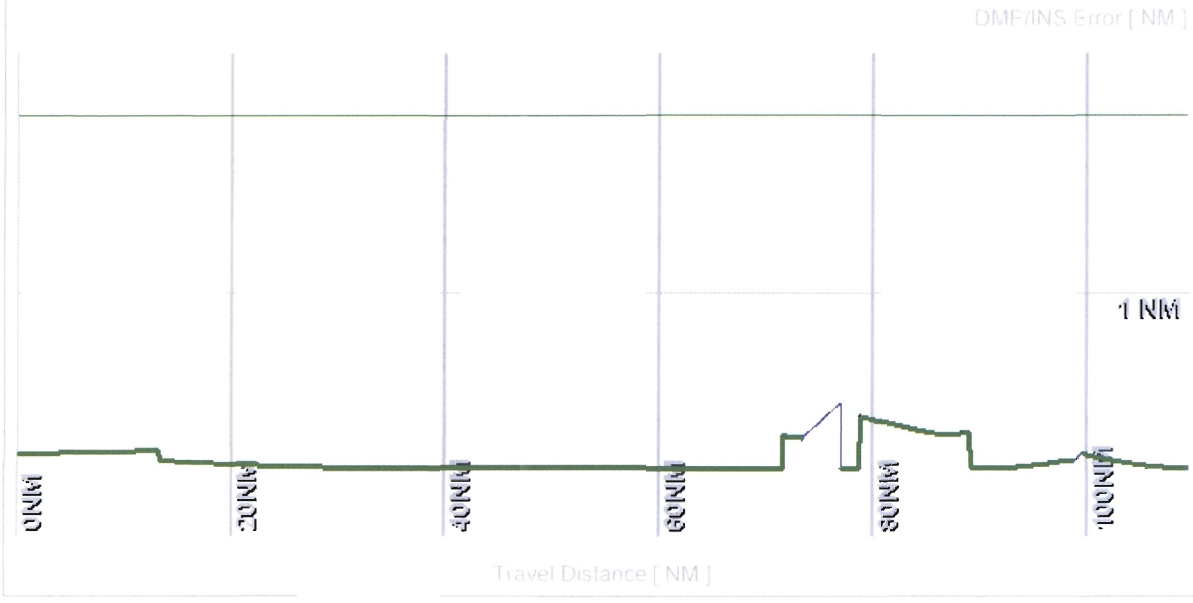
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 8

Maximum DME Error: 0.549 NM.

No Critical DMEs were found.

Available DMEs: ODF, GQO, SOT, VXV, SPA, SUG, GRD, CLT



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ODF	N 34° 41' 45.14" W 83° 17' 51.58"	H + ESV	User	NO	1.498	Enabled	75.0 %	75.0 %
2	GQO	N 34° 57' 40.54" W 85° 9' 12.14"	H	Database	NO	0.631	Enabled	12.1 %	12.0 %
3	VXV	N 35° 54' 17.42" W 83° 53' 41.02"	H	Database	NO	0.549	Enabled	34.6 %	34.6 %
4	SOT	N 35° 47' 24.36" W 83° 3' 8.53"	L	Database	NO	0.496	Enabled	17.1 %	17.1 %
5	SUG	N 35° 24' 23.42" W 82° 16' 7.01"	L	Database	NO	0.742	Enabled	13.7 %	13.7 %
6	GRD	N 34° 15' 5.64" W 82° 9' 14.94"	H	Database	NO	0.496	Enabled	1.6 %	1.6 %
7	SPA	N 35° 2' 1.05" W 81° 55' 37.24"	H	Database	NO	0.735	Enabled	27.4 %	27.4 %
8	CLT	N 35° 11' 25.04" W 80° 57' 6.31"	L + ESV	User	NO	0.695	Enabled	10.4 %	10.4 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	ODF	SPA	SOT	VXV	GQO	
21.0	ODF	SPA	SOT	VXV		
41.1	ODF	SUG	SOT	VXV	GRD	SPA
68.3	ODF	SPA	SOT	CLT	GRD	SUG
85.5	ODF	SPA	SUG	CLT		

Inertial Drift Segments

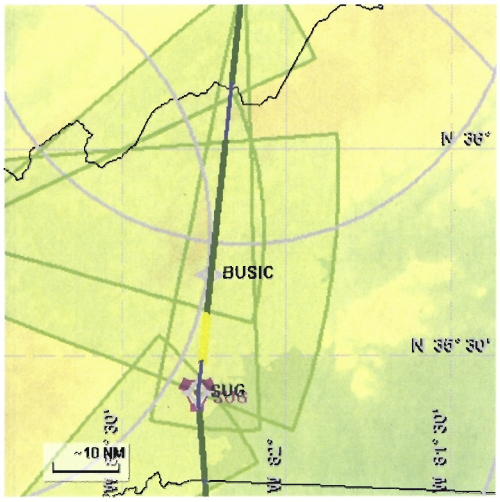
#	Start Location	End Location	Length [NM]
1	N 35° 31' 5.81" W 82° 29' 42.54"	N 35° 29' 17.39" W 82° 26' 2.15"	3.5
	VOR: SOT	Available from N 35° 31' 5.81" W 82° 29' 42.54" to N 35° 29' 17.39" W 82° 26' 2.15"	
	VOR: SUG	Available from N 35° 31' 5.81" W 82° 29' 42.54" to N 35° 29' 17.39" W 82° 26' 2.15"	
	VOR: SPA	Available from N 35° 30' 55.49" W 82° 29' 21.54" to N 35° 29' 17.39" W 82° 26' 2.15"	
2	N 35° 11' 56.24" W 82° 14' 51.98"	N 35° 11' 6.33" W 82° 14' 47.00"	0.8
	VOR: SPA	Available from N 35° 11' 56.24" W 82° 14' 51.98" to N 35° 11' 6.33" W 82° 14' 47.00"	
	VOR: SUG	Available from N 35° 11' 56.24" W 82° 14' 51.98" to N 35° 11' 6.33" W 82° 14' 47.00"	

DME/DME (Continued.)

Return To Summary

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	ODF	N 34° 41' 45.14" W 83° 17' 51.58"	H	1700.0	113.40	ODF	Used
	ESV:	Bearing [True]: 41.0° to 61.0° Bearing [Mag]: 41.0° to 61.0°			Arc Distance: Out to 68.0 NM Altitude: 5000.0 to 18000.0 Ft.		
2	CLT	N 35° 11' 25.04" W 80° 57' 6.31"	L	731.7	115.00	CLT	Used
	Restriction:	Bearing [True]: 10.0° to 45.0° Bearing [Mag]: 15.0° to 50.0°			Distance: Beyond 25.0 NM Altitude: Below 3000.0 Ft.		
	Restriction:	Bearing [True]: 45.0° to 95.0° Bearing [Mag]: 50.0° to 100.0°			Distance: Beyond 25.0 NM Altitude: Below 2500.0 Ft.		
	Restriction:	Bearing [True]: 265.0° to 345.0° Bearing [Mag]: 270.0° to 350.0°			Distance: Beyond 20.0 NM Altitude: Below 5000.0 Ft.		
	ESV:	Bearing [True]: 275.0° to 291.0° Bearing [Mag]: 280.0° to 296.0°			Arc Distance: Out to 75.0 NM Altitude: 5000.0 to 19000.0 Ft.		



Name:	Dennis Osterhage
Project Name:	KGSP UNMAN STAR HMV UNMAN 20111227
Software:	RNAV-Pro™
Version:	2.35
Date/Time:	12/27/2011 2:09:19 PM
Input File:	KGSP UNMAN STAR HMV ...
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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HMV
BUSIC
SUG
UNMAN
SPA
~10 NM
N 36° 30'
N 36° 20'
N 36° 10'
N 36°
N 35° 50'
N 35° 40'
N 35° 30'
N 35° 20'
N 35° 10'
N 35°
W 82° 50'
W 82° 40'
W 82° 30'
W 82° 20'
W 82° 10'
W 82°
W 81° 50'
W 81° 40'
W 81° 30'
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Flight Plan

Return To Summary

Name	Type	Lat/Lon	Alt [Ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
HMV	WP	N 36° 26' 13.40" W 82° 7' 46.56"	18000.0	Step	240.0	Fly By	TF
BUSIC	WP	N 35° 41' 35.33" W 82° 13' 49.13"	11000.0	Step	210.0	Fly By	TF
SUG	WP	N 35° 24' 23.42" W 82° 16' 7.01"	11000.0	Step	210.0	Fly By	TF
UNMAN	WP	N 35° 1' 19.02" W 82° 13' 48.50"	5700.0	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 **29000.0 Ft.**
280.0 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:

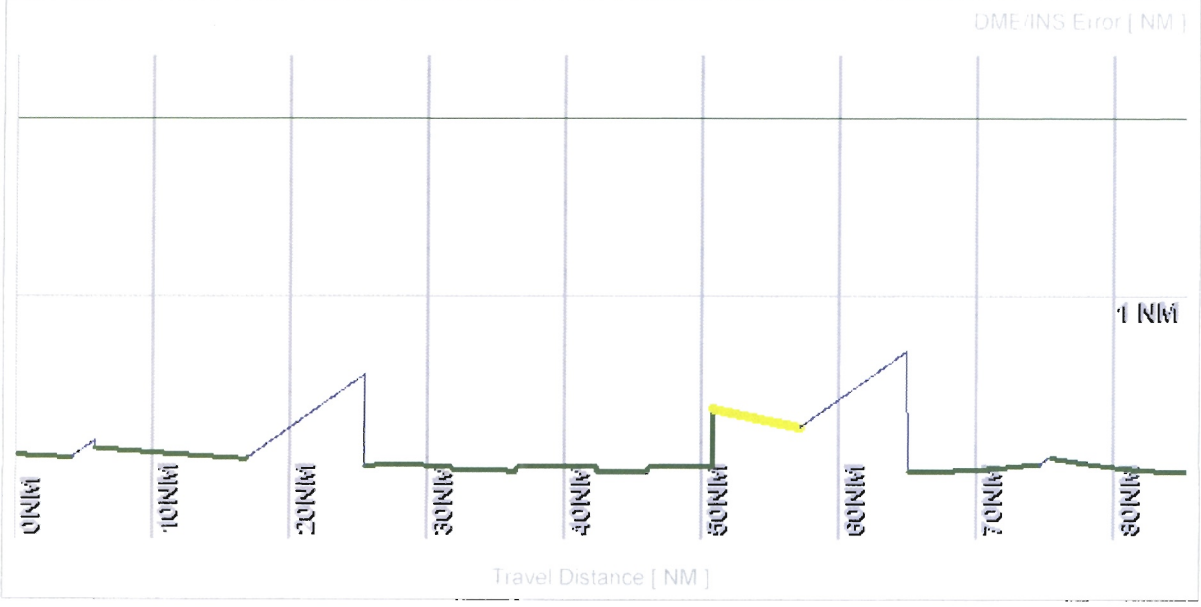
RNP: 2.0
Flight Mode: Manual
Line of Sight (DTED Level 0 Max): Evaluated
DME Restrictions: Evaluated
Inertial Drift: Enabled
Initial Drift: 0.558 NM
INS Drift Rate: 8.000 NM/Hour
Range Mode: OSV
Co-Frequencies: Evaluated
RNP Edges: Evaluated
Min DME Range: 3.0 NM
Allowed Gap Length: 4.0 NM
DME Types: 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: 7

Maximum DME Error: 0.774 NM.

No Critical DMEs were found.

Available DMEs: VXV, BKW, GZG, SPA, HMV, SOT, SUG, ODF



DME/DME (Continued.)

Return To Summary

DMEs Used

#	Name	Lat/Lon	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	VXV	N 35° 54' 17.42" W 83° 53' 41.02"	H + ESV	User	NO	0.787	Enabled	23.5 %	23.4 %
2	SPA	N 35° 2' 1.05" W 81° 55' 37.24"	H	Database	NO	1.054	Enabled	34.2 %	34.2 %
3	SOT	N 35° 47' 24.36" W 83° 3' 8.53"	L + ESV	User	NO	1.228	Enabled	23.9 %	23.9 %
4	GZG	N 36° 49' 30.38" W 82° 4' 44.32"	L	Database	NO	0.774	Enabled	12.5 %	12.5 %
5	HMV	N 36° 26' 13.40" W 82° 7' 46.56"	L + ESV	User	NO	0.872	Enabled	7.6 %	7.6 %
6	SUG	N 35° 24' 23.42" W 82° 16' 7.01"	L	Database	NO	0.872	Enabled	42.4 %	42.4 %
7	ODF	N 34° 41' 45.14" W 83° 17' 51.58"	H + ESV	User	NO	1.194	Enabled	11.3 %	11.3 %

Flight Check DME Selection

Distance [NM]	Selected DMEs					Alternate
0.0	SOT	HMV	VXV	SPA	GZG	BKW
16.4	SOT	HMV	VXV	SUG		
44.8	SOT	HMV	VXV	SUG	SPA	
61.7	ODF	SPA	SUG			

Inertial Drift Segments

#	Start Location	End Location	Length [NM]
1	N 36° 22' 14.31" W 82° 8' 19.22"	N 36° 20' 31.55" W 82° 8' 33.25"	1.7
	VOR: GZG	Available from N 36° 22' 14.31" W 82° 8' 19.22" to N 36° 20' 31.55" W 82° 8' 33.25"	
	VOR: HMV	Available from N 36° 22' 14.31" W 82° 8' 19.22" to N 36° 20' 31.55" W 82° 8' 33.25"	
2	N 36° 9' 31.20" W 82° 10' 3.10"	N 36° 1' 0.21" W 82° 11' 12.31"	8.6
	VOR: HMV	Available from N 36° 9' 31.20" W 82° 10' 3.10" to N 36° 1' 0.21" W 82° 11' 12.31"	
	VOR: SUG	Available from N 36° 4' 12.67" W 82° 10' 46.27" to N 36° 1' 0.21" W 82° 11' 12.31"	
3	N 35° 29' 18.72" W 82° 15' 27.67"	N 35° 21' 36.84" W 82° 15' 50.71"	7.7
	VOR: SPA	Available from N 35° 29' 18.72" W 82° 15' 27.67" to N 35° 21' 36.84" W 82° 15' 50.71"	
	VOR: SUG	Available from N 35° 29' 18.72" W 82° 15' 27.67" to N 35° 21' 36.84" W 82° 15' 50.71"	

DME/DME (Continued.)

Return To Summary

Inertial Drift Segments (Continued.)

#	Start Location	End Location	Length [NM]
4	N 35° 11' 58.00" W 82° 14' 52.42"	N 35° 11' 8.09" W 82° 14' 47.41"	0.8

VOR: SPA	Available from N 35° 11' 58.00" W 82° 14' 52.42" to N 35° 11' 8.09" W 82° 14' 47.41"
VOR: SUG	Available from N 35° 11' 58.00" W 82° 14' 52.42" to N 35° 11' 8.09" W 82° 14' 47.41"

User DMEs

#	Name	Lat/Lon	Range	Elevation [Ft]	Frequency	Replaces:	Status
1	VXV	N 35° 54' 17.42" W 83° 53' 41.02"	H	1289.6	116.40	VXV	Used
	ESV:	Bearing [True]: 85.0° to 110.0° Bearing [Mag]: 88.0° to 113.0°		Arc Distance: Out to 100.0 NM Altitude: 11000.0 to 31000.0 Ft.			
2	HMV	N 36° 26' 13.40" W 82° 7' 46.56"	L	4321.0	114.60	HMV	Used
	ESV:	Bearing [True]: 178.0° to 192.0° Bearing [Mag]: 182.0° to 196.0°		Arc Distance: Out to 67.0 NM Altitude: 10500.0 to 24000.0 Ft.			
3	ODF	N 34° 41' 45.14" W 83° 17' 51.58"	H	1700.0	113.40	ODF	Used
	ESV:	Bearing [True]: 41.0° to 61.0° Bearing [Mag]: 41.0° to 61.0°		Arc Distance: Out to 68.0 NM Altitude: 5000.0 to 18000.0 Ft.			
4	SOT	N 35° 47' 24.36" W 83° 3' 8.53"	L	4240.0	108.80	SOT	Used
	Restriction:	Bearing [True]: 221.0° to 246.0° Bearing [Mag]: 225.0° to 250.0°		Distance: Beyond 30.0 NM Altitude: Below 10000.0 Ft.			
	ESV:	Bearing [True]: 50.0° to 65.0° Bearing [Mag]: 54.0° to 69.0°		Arc Distance: Out to 61.0 NM Altitude: 10500.0 to 24000.0 Ft.			
	ESV:	Bearing [True]: 65.0° to 105.0° Bearing [Mag]: 69.0° to 109.0°		Arc Distance: Out to 48.0 NM Altitude: 10500.0 to 24000.0 Ft.			