

Name: MARK SCHOENHOFF
Project Name: KSDF DLAMP4 STAR
Output File: KSDF DLAMP4 STAR
MALDN CURRT
20151228_1325
Procedure Name: DLAMP4
Software: RNAV-Pro™
Version: 2.39g
Date/Time: 12/28/2015 1:25:45 PM
Input File: [KSDF DLAMP4 STAR
MALDN CURRT
20151228_1232.txt](#)
Databases: AIRNAV Date: 11/16/2015
CIFP Date: 9/18/2015
DTED® (MAX) Date: 2002

Results Summary:

Flyability



DME/DME



No Critical DMEs Exist

Radars

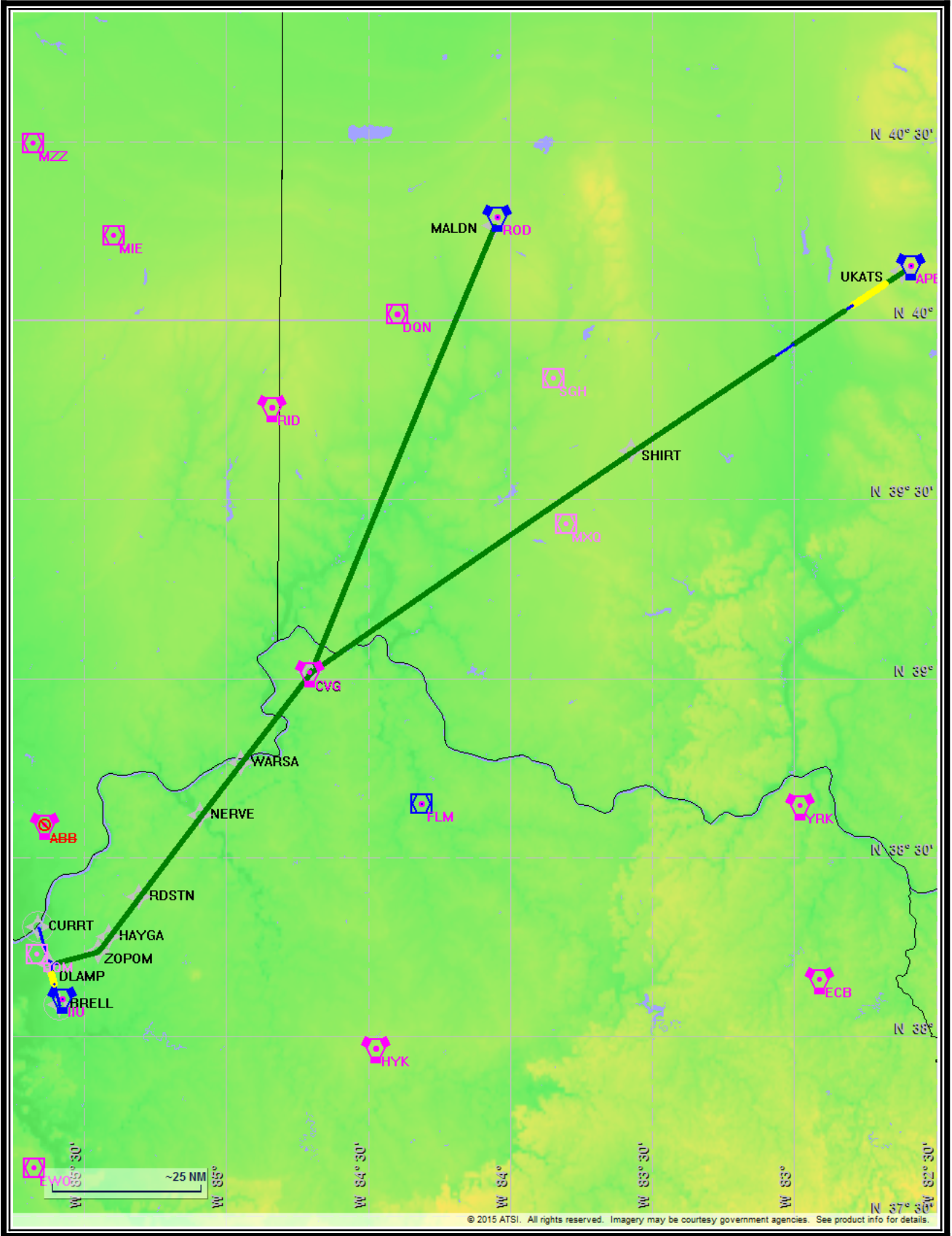


Comms



TERPS

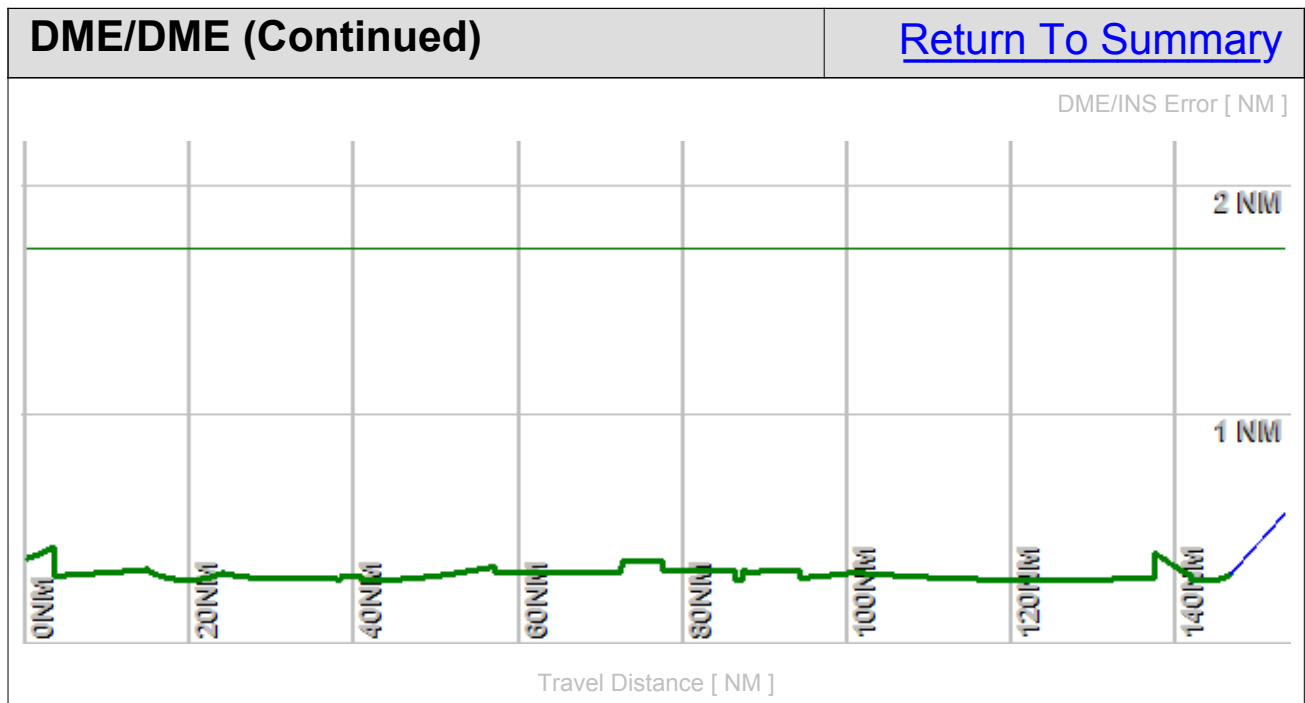




Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
MALDN	WP	N 40° 15' 52.62" W 84° 3' 19.34"	15000.0	Step	210.0	Fly By	TF
CVG	WP	N 39° 0' 57.53" W 84° 42' 12.05"	15000.0	Step	210.0	Fly By	TF
WARSA	WP	N 38° 45' 47.93" W 84° 56' 53.65"	10000.0	Step	180.0	Fly By	TF
NERVE	WP	N 38° 36' 56.26" W 85° 5' 25.24"	6000.0	Step	180.0	Fly By	TF
RDSTN	WP	N 38° 23' 22.61" W 85° 18' 22.95"	6000.0	Step	180.0	Fly By	TF
HAYGA	WP	N 38° 16' 42.95" W 85° 24' 41.60"	6000.0	Step	180.0	Fly By	TF
ZOPOM	WP	N 38° 14' 13.94" W 85° 27' 3.87"	6000.0	Step	180.0	Fly By	TF
DLAMP	WP	N 38° 12' 1.95" W 85° 37' 29.40"	6000.0	Step	180.0	Fly By	TF
CURRT	WP	N 38° 18' 18.96" W 85° 39' 38.03"	5000.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type: Arrival	
	Selected Airport: KSDF	
	Aircraft Category: Cat D	
	Climb Gradient: <i>None assigned</i>	
	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: <i>None assigned</i>	
	Descent During a Turn: Allowed	
	VNAV Mode: Flight Plan	
Entire track is fly-able		

DME/DME	Return To Summary
Settings:	<p>RNP: 2.0</p> <p>Flight Mode: Manual</p> <p>Line of Sight (DTED Level 0 Max): Evaluated</p> <p>DME Restrictions: Evaluated</p> <p>Inertial Drift: Enabled</p> <p> Initial Drift: 0.558 NM</p> <p> INS Drift Rate: 8.000 NM/Hour</p> <p>Range Mode: OSV</p> <p>Co-Frequencies: Evaluated</p> <p>RNP Edges: Evaluated</p> <p>Min DME Range: 3.0 NM</p> <p>Allowed Gap Length: 4.0 NM</p> <p>DME Types: VOR/DME, VORTAC, Standalone, and User</p> <p>DME Include Angles: 30 to 150</p> <p>Critical DMEs: Allowed</p> <p>DoD Facilities: Not included</p> <p>Foreign Facilities: Not included</p> <p>Low DMEs: Included</p> <p>Terminal DMEs: Included</p> <p>Flight Check DMEs: Selected</p> <p>Higher Altitudes: Evaluated</p> <p>Near Maximum Altitude: Evaluated</p>
<p>Total Number of DMEs Used: 11</p> <p>Maximum DME Error: 0.574 NM.</p> <p>No Critical DMEs were found.</p> <p>Available DMEs: APE, DQN, ROD, RID, CVG, VHP, FLM, IIU, HYK, BQM, EWO</p> <p>Disabled DMEs: ABB</p> <p>Foreign DMEs within range: YQG, YQO, YXU</p> <p>Co-Frequency Interference: 108.6(MZZ), 108.8(MFD), 110.2(OOM) and 114.4(MIE).</p>	



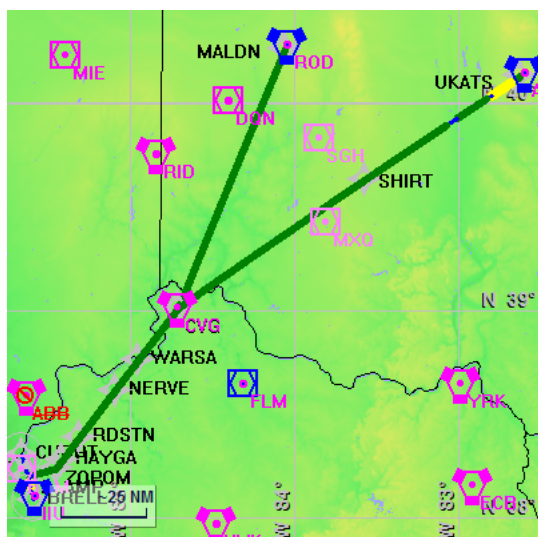
DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	APE	N 40° 9' 3.83" W 82° 35' 17.88" 06 W	H + ESV	User	NO	1.040	Enabled	11.9%	12.9%
2	DQN	N 40° 0' 59.20" W 84° 23' 48.83" 01 W	L + ESV	User	NO	0.674	Enabled	16.4%	17.7%
3	ROD	N 40° 17' 16.08" W 84° 2' 35.28" 05 W	H + ESV	User	NO	0.888	Enabled	13.6%	14.8%
4	RID	N 39° 45' 18.03" W 84° 50' 19.78" 03 W	L + ESV	User	NO	1.311	Enabled	19.9%	21.6%
5	CVG	N 39° 0' 57.53" W 84° 42' 12.05" 04 W	L	Database	NO	0.574	Enabled	34.0%	34.6%
6	VHP	N 39° 48' 53.02" W 86° 22' 2.88" 01 E	H + ESV	User	NO	0.574	Enabled	19.5%	20.4%
7	FLM	N 38° 38' 58.16" W 84° 18' 38.27" 04 W	H + ESV	User	NO	0.574	Enabled	8.3%	8.1%
8	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H + ESV	User	NO	0.574	Enabled	30.2%	28.1%
9	HYK	N 37° 57' 58.94" W 84° 28' 20.98" 00 E	L + ESV	User	NO	0.948	Enabled	26.4%	23.9%
10	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	Database	NO	0.701	Enabled	6.6%	5.9%
11	EWO	N 37° 37' 54.52" W 85° 40' 33.16" 01 E	L	Database	NO	0.626	Enabled	3.3%	3.0%
	Total Coverage							95.1%	95.5%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		DQN	APE	ROD	RID				
38.3		DQN	VHP	CVG	RID				
57.5		APE	VHP	CVG	RID	FLM			
67.7		APE	VHP	CVG	IIU	FLM	RID		
80.0		HYK	VHP	CVG	IIU	FLM			
99.6		HYK	CVG	IIU	FLM				
110.7		HYK	BQM	CVG	IIU	FLM			
127.7		HYK	BQM	IIU	FLM				

DME/DME (Continued)					Return To Summary	
Flight Check DME Selection (Continued)						
Distance [NM]	Selected DMEs					Alternate
136.0	HYK	BQM	IIU	FLM		
138.5	EWO	BQM	IIU	FLM		
146.0	EWO	BQM	IIU			
Inertial Drift Segments						
#	Start Location		End Location			Length [NM]
1	N 38° 12' 21.22" W 85° 36' 21.82"		N 38° 18' 15.82" W 85° 39' 37.01"			6.8
VOR: FTK		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: FTK		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: EWO		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 17' 56.47" W 85° 39' 30.48"				
VOR: MYS		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: ABB		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: BQM		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: IIU		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: SDF		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				
VOR: FFT		Available from N 38° 12' 21.22" W 85° 36' 21.82" to N 38° 18' 15.82" W 85° 39' 37.01"				

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
MALDN	CVG	VHP, ROD, RID, IIU, FLM, DQN, APE, and CVG
CVG	WARSA	VHP, IIU, HYK, FLM, and CVG
WARSA	NERVE	IIU, HYK, FLM, and CVG
NERVE	RDSTN	IIU, HYK, FLM, BQM, and CVG
RDSTN	HAYGA	IIU, HYK, FLM, and BQM
HAYGA	ZOPOM	IIU, HYK, FLM, and BQM
ZOPOM	DLAMP	IIU, FLM, BQM, and EWO
DLAMP	CURRT	IIU, BQM, and EWO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KSDF DLAMP2 STAR APE GETTA 20121204_1202.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	APE	N 40° 9' 3.83" W 82° 35' 17.88" 06 W	H	1350.0	116.70	APE	Used
		ESV:	Bearing [True]: 229.0° to 242.0° Bearing [Mag]: 235.0° to 248.0°		Arc Distance: Out to 119.0 NM Altitude: 12000.0 to 24000.0 ft		
		ESV:	Bearing [True]: 260.0° to 280.0° Bearing [Mag]: 266.0° to 286.0°		Arc Distance: Out to 94.0 NM Altitude: 10000.0 to 18000.0 ft		
2	DQN	N 40° 0' 59.20" W 84° 23' 48.83" 01 W	L	990.0	114.50	DQN	Used
		ESV:	Bearing [True]: 113.0° to 135.0° Bearing [Mag]: 114.0° to 136.0°		Arc Distance: Out to 48.0 NM Altitude: 12000.0 to 24000.0 ft		
3	FLM	N 38° 38' 58.16" W 84° 18' 38.27" 04 W	H	810.0	117.00	FLM	Used
		ESV:	Bearing [True]: 23.0° to 34.0° Bearing [Mag]: 27.0° to 38.0°		Arc Distance: Out to 78.0 NM Altitude: 12000.0 to 16000.0 ft		
		ESV:	Bearing [True]: 240.0° to 267.0° Bearing [Mag]: 244.0° to 271.0°		Arc Distance: Out to 65.0 NM Altitude: 5400.0 to 16000.0 ft		
4	HYK	N 37° 57' 58.94" W 84° 28' 20.98" 00 E	L	1038.8	112.60	HYK	Used
		ESV:	Bearing [True]: 290.0° to 352.0° Bearing [Mag]: 290.0° to 352.0°		Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 23000.0 ft		
5	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H	720.0	114.80	IIU	Used
		ESV:	Bearing [True]: 32.0° to 46.0° Bearing [Mag]: 31.0° to 45.0°		Arc Distance: Out to 95.0 NM Altitude: 9500.0 to 16000.0 ft		
6	MFD	N 40° 52' 6.96" W 82° 35' 27.46" 03 W	L	1210.0	108.80	MFD	Not Used
		Restriction:	Bearing [True]: 72.0° to 92.0° Bearing [Mag]: 75.0° to 95.0°		Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
		ESV:	Bearing [True]: 170.0° to 202.0° Bearing [Mag]: 173.0° to 205.0°		Arc Distance: Out to 67.0 NM Altitude: 14000.0 to 24000.0 ft		
7	RID	N 39° 45' 18.03" W 84° 50' 19.78" 03 W	L	1135.0	110.60	RID	Used
		ESV:	Bearing [True]: 100.0° to 175.0° Bearing [Mag]: 103.0° to 178.0°		Arc Distance: Out to 60.0 NM Altitude: 9500.0 to 24000.0 ft		

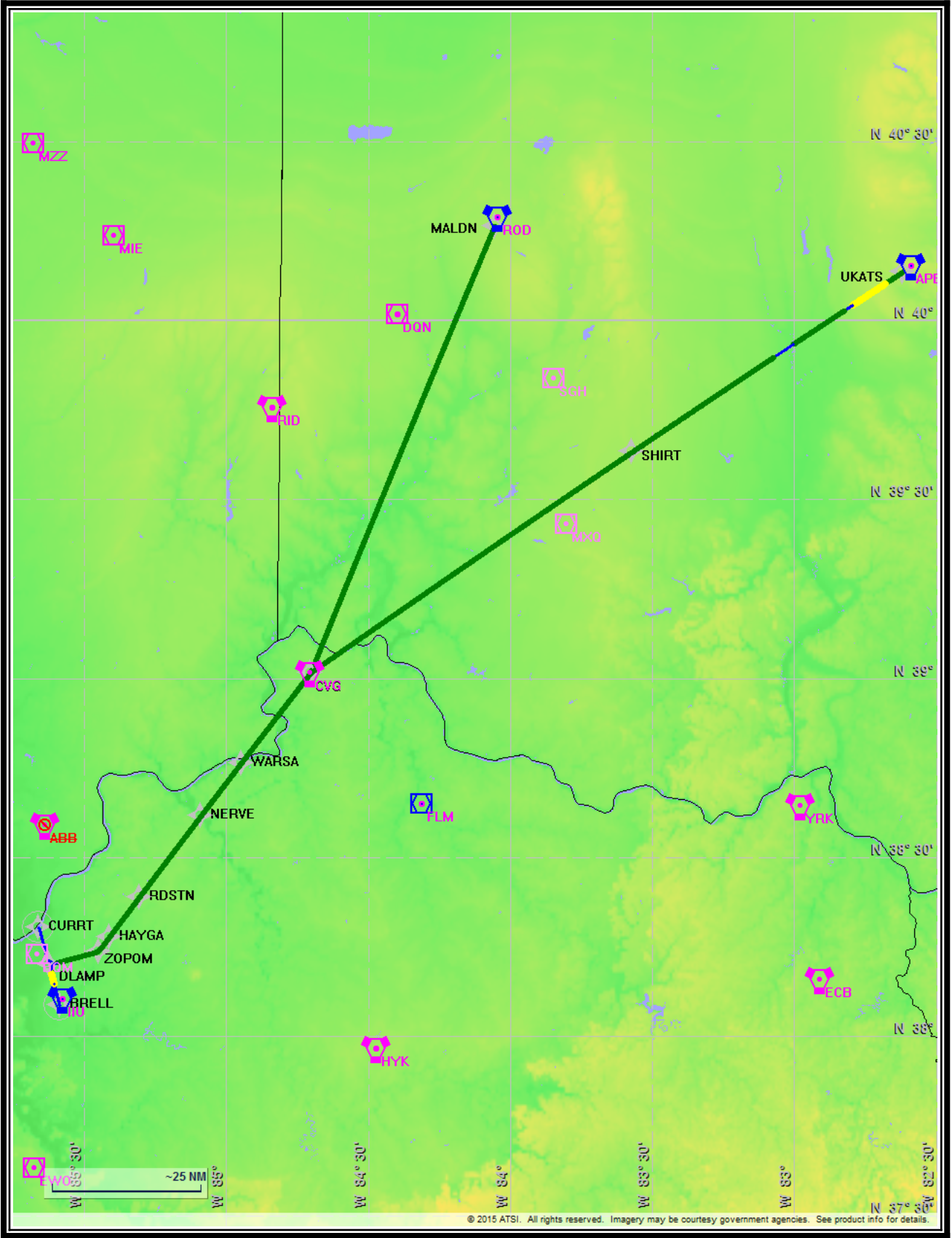
User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
8	ROD	N 40° 17' 16.08" W 84° 2' 35.28" 05 W	H	1083.0	117.50	ROD	Used
Restriction:		Bearing [True]: 355.0° to 115.0° Bearing [Mag]: 360.0° to 120.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 115.0° to 187.0° Bearing [Mag]: 120.0° to 192.0°			Arc Distance: Out to 61.0 NM Altitude: 12500.0 to 16000.0 ft		
9	TVT	N 40° 27' 28.93" W 82° 7' 36.65" 03 W	L	1340.0	116.50	TVT	Not Used
ESV:		Bearing [True]: 228.0° to 238.0° Bearing [Mag]: 231.0° to 241.0°			Arc Distance: Out to 84.0 NM Altitude: 12000.0 to 24000.0 ft		
10	VHP	N 39° 48' 53.02" W 86° 22' 2.88" 01 E	H	823.0	116.30	VHP	Used
Restriction:		Bearing [True]: 313.0° to 347.0° Bearing [Mag]: 312.0° to 346.0°			Distance: Beyond 25.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 106.0° to 130.0° Bearing [Mag]: 105.0° to 129.0°			Arc Distance: Out to 100.0 NM Altitude: 9000.0 to 18000.0 ft		



Name: MARK SCHOENHOFF
Project Name: KSDF DLAMP4 STAR
Output File: KSDF DLAMP4 STAR
 UKATS BRELL
 20151228_1325
Procedure Name: DLAMP4
Software: RNAV-Pro™
Version: 2.39g
Date/Time: 12/28/2015 1:26:32 PM
Input File: [KSDF DLAMP4 STAR
 UKATS BRELL
 20151228_1325.txt](#)
Databases: AIRNAV Date: 11/16/2015
 CIFP Date: 9/18/2015
 DTED® (MAX) Date: 2002

Results Summary:

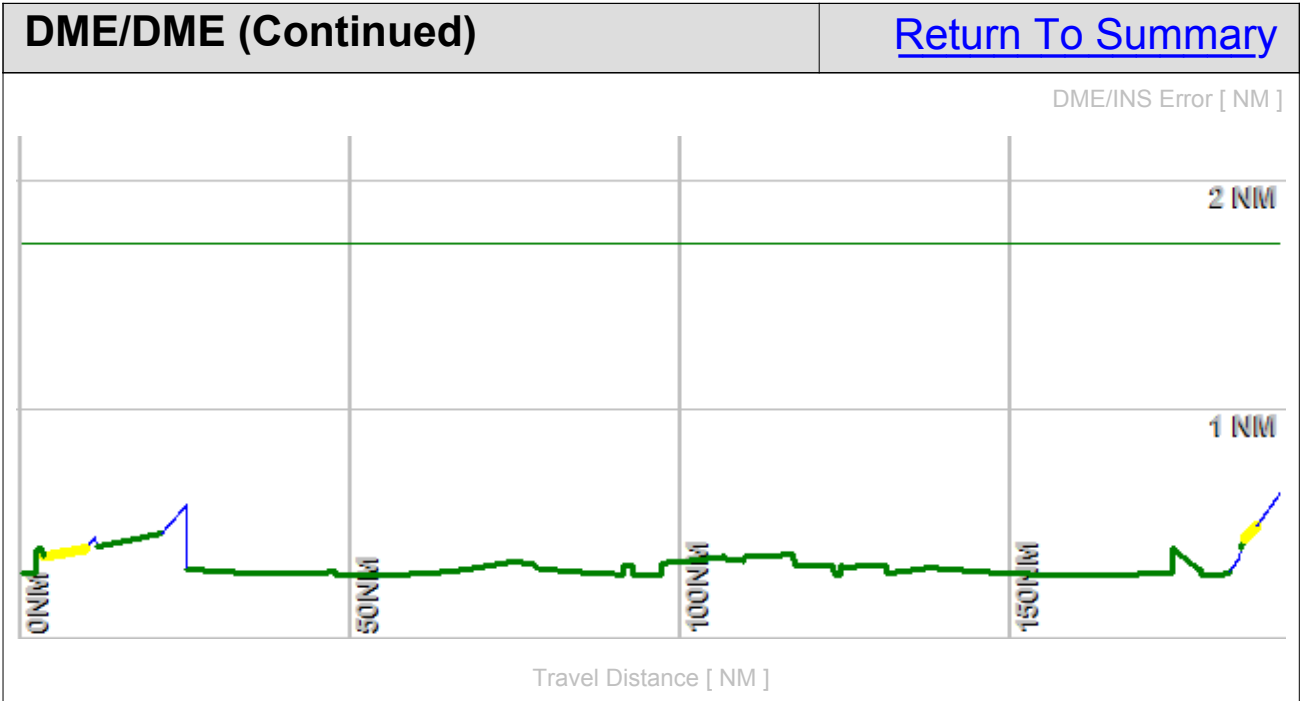
Flyability	✓	
DME/DME	✓	No Critical DMEs Exist
Radars	?	
Comms	?	
TERPS	?	



Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
UKATS	WP	N 40° 8' 4.48" W 82° 37' 12.20"	15000.0	Step	210.0	Fly By	TF
SHIRT	WP	N 39° 37' 58.72" W 83° 34' 16.14"	15000.0	Step	210.0	Fly By	TF
CVG	WP	N 39° 0' 57.53" W 84° 42' 12.05"	15000.0	Step	210.0	Fly By	TF
WARSA	WP	N 38° 45' 47.93" W 84° 56' 53.65"	10000.0	Step	180.0	Fly By	TF
NERVE	WP	N 38° 36' 56.26" W 85° 5' 25.24"	6000.0	Step	180.0	Fly By	TF
RDSTN	WP	N 38° 23' 22.61" W 85° 18' 22.95"	6000.0	Step	180.0	Fly By	TF
HAYGA	WP	N 38° 16' 42.95" W 85° 24' 41.60"	6000.0	Step	180.0	Fly By	TF
ZOPOM	WP	N 38° 14' 13.94" W 85° 27' 3.87"	6000.0	Step	180.0	Fly By	TF
DLAMP	WP	N 38° 12' 1.95" W 85° 37' 29.40"	6000.0	Step	180.0	Fly By	TF
BRELL	WP	N 38° 5' 14.95" W 85° 35' 15.79"	4000.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type: Arrival Selected Airport: KSDF Aircraft Category: Cat D Climb Gradient: <i>None assigned</i> 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: <i>None assigned</i> 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, Standalone, and User DME Include Angles: 30 to 150 Critical DMEs: Allowed DoD Facilities: Not included Foreign Facilities: Not included Low DMEs: Included Terminal DMEs: Included Flight Check DMEs: Selected Higher Altitudes: Evaluated Near Maximum Altitude: Evaluated
	Total Number of DMEs Used: 14 Maximum DME Error: 0.639 NM. No Critical DMEs were found. Available DMEs: MFD, TVT, ZZV, APE, ROD, FLM, DQN, RID, CVG, IIU, VHP, HYK, BQM, EWO Disabled DMEs: ABB Foreign DMEs within range: YQG, YQO, YWT, YXU Co-Frequency Interference: 108.2(FBC), 108.6(JPU, MZZ), 110.2(OOM), 112(MMJ, SHB), 112.6(CKB) and 114.4(ACO, MIE).



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	MFD	N 40° 52' 6.96" W 82° 35' 27.46" 03 W	L + ESV	User	NO	1.101	Enabled	9.7%	10.3%
2	ZZV	N 39° 56' 27.10" W 81° 53' 33.36" 06 W	L	Database	NO	0.639	Enabled	1.0%	1.1%
3	TVT	N 40° 27' 28.93" W 82° 7' 36.65" 03 W	L + ESV	User	NO	0.639	Enabled	11.6%	12.4%
4	APE	N 40° 9' 3.83" W 82° 35' 17.88" 06 W	H + ESV	User	NO	0.948	Enabled	27.6%	29.5%
5	ROD	N 40° 17' 16.08" W 84° 2' 35.28" 05 W	H + ESV	User	NO	1.546	Enabled	19.3%	20.6%
6	DQN	N 40° 0' 59.20" W 84° 23' 48.83" 01 W	L + ESV	User	NO	0.639	Enabled	4.8%	5.1%
7	FLM	N 38° 38' 58.16" W 84° 18' 38.27" 04 W	H + ESV	User	NO	0.639	Enabled	11.7%	11.8%
8	RID	N 39° 45' 18.03" W 84° 50' 19.78" 03 W	L + ESV	User	NO	0.639	Enabled	15.8%	16.9%
9	CVG	N 39° 0' 57.53" W 84° 42' 12.05" 04 W	L	Database	NO	0.639	Enabled	20.0%	19.5%
10	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H + ESV	User	NO	0.654	Enabled	26.4%	24.6%
11	VHP	N 39° 48' 53.02" W 86° 22' 2.88" 01 E	H + ESV	User	NO	0.639	Enabled	8.4%	8.4%
12	HYK	N 37° 57' 58.94" W 84° 28' 20.98" 00 E	L + ESV	User	NO	0.948	Enabled	21.6%	19.2%
13	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	Database	NO	0.725	Enabled	6.5%	5.8%
14	EWO	N 37° 37' 54.52" W 85° 40' 33.16" 01 E	L	Database	NO	0.647	Enabled	3.9%	3.5%
	Total Coverage							94.1%	94.3%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		TVT	MFD	APE	ZZV				
21.4		TVT	ROD	APE	FLM				
53.2		DQN	ROD	APE	FLM	RID		TVT	

DME/DME (Continued)					Return To Summary	
Flight Check DME Selection (Continued)						
Distance [NM]	Selected DMEs					Alternate
64.9	ROD	APE	CVG	RID		
85.3	FLM	IIU	APE	CVG	RID	VHP
106.2	FLM	IIU	APE	VHP	RID	CVG
117.0	FLM	IIU	APE	VHP	CVG	HYK
136.6	FLM	IIU	HYK	CVG		
147.7	FLM	IIU	HYK	BQM	CVG	
164.7	FLM	IIU	HYK	BQM		
172.9	FLM	IIU	HYK	BQM		
175.4	FLM	IIU	EWO	BQM		
183.0	IIU	EWO	BQM			
Inertial Drift Segments						
#	Start Location		End Location		Length [NM]	
1	N 40° 2' 36.48" W 82° 47' 42.17"		N 40° 1' 42.47" W 82° 49' 25.53"		1.6	
VOR: BUD			Available from N 40° 2' 36.48" W 82° 47' 42.17" to N 40° 1' 42.47" W 82° 49' 25.53"			
VOR: TVT			Available from N 40° 2' 36.48" W 82° 47' 42.17" to N 40° 2' 20.73" W 82° 48' 12.32"			
VOR: CMH			Available from N 40° 2' 36.48" W 82° 47' 42.17" to N 40° 1' 42.47" W 82° 49' 25.53"			
VOR: XUB			Available from N 40° 2' 36.48" W 82° 47' 42.17" to N 40° 1' 42.47" W 82° 49' 25.53"			
VOR: APE			Available from N 40° 2' 36.48" W 82° 47' 42.17" to N 40° 1' 42.47" W 82° 49' 25.53"			

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments (Continued)</i>			
#	Start Location	End Location	Length [NM]
2	N 39° 56' 1.96" W 83° 0' 14.91"	N 39° 53' 55.44" W 83° 4' 15.24"	3.7
	VOR: CMH	Available from N 39° 56' 1.96" W 83° 0' 14.91" to N 39° 53' 55.44" W 83° 4' 15.24"	
	VOR: XUB	Available from N 39° 56' 1.96" W 83° 0' 14.91" to N 39° 53' 55.44" W 83° 4' 15.24"	
	VOR: APE	Available from N 39° 56' 1.96" W 83° 0' 14.91" to N 39° 53' 55.44" W 83° 4' 15.24"	
	VOR: SGH	Available from N 39° 56' 1.96" W 83° 0' 14.91" to N 39° 53' 55.44" W 83° 4' 15.24"	
3	N 38° 12' 23.86" W 85° 35' 45.37"	N 38° 11' 16.92" W 85° 37' 4.67"	1.6
	VOR: FTK	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: FTK	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: EWO	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: MYS	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: ABB	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: BQM	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: IIU	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: SDF	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	
	VOR: FFT	Available from N 38° 12' 23.86" W 85° 35' 45.37" to N 38° 11' 16.92" W 85° 37' 4.67"	

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments (Continued)</i>			
#	Start Location	End Location	Length [NM]
4	N 38° 8' 50.70" W 85° 36' 26.99"	N 38° 5' 17.58" W 85° 35' 16.69"	3.7
	VOR: FTK	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: FTK	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: EWO	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: MYS	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: ABB	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: BQM	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: IIU	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: SDF	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	
	VOR: FFT	Available from N 38° 8' 50.70" W 85° 36' 26.99" to N 38° 5' 17.58" W 85° 35' 16.69"	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
UKATS	SHIRT	TVT, ROD, MFD, FLM, APE, and ZZV
SHIRT	CVG	VHP, ROD, RID, IIU, FLM, DQN, APE, CVG, and TVT*
CVG	WARSA	VHP, IIU, FLM, APE, CVG, RID*, and HYK*
WARSA	NERVE	IIU, HYK, FLM, and CVG
NERVE	RDSTN	IIU, HYK, FLM, BQM, and CVG
RDSTN	HAYGA	IIU, HYK, FLM, and BQM
HAYGA	ZOPOM	IIU, HYK, FLM, and BQM
ZOPOM	DLAMP	IIU, FLM, BQM, and EWO
DLAMP	BRELL	IIU, BQM, and EWO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KSDF DLAMP2 STAR APE GETTA 20121204_1202.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	APE	N 40° 9' 3.83" W 82° 35' 17.88" 06 W	H	1350.0	116.70	APE	Used
		ESV:	Bearing [True]: 229.0° to 242.0° Bearing [Mag]: 235.0° to 248.0°		Arc Distance: Out to 119.0 NM Altitude: 12000.0 to 24000.0 ft		
		ESV:	Bearing [True]: 260.0° to 280.0° Bearing [Mag]: 266.0° to 286.0°		Arc Distance: Out to 94.0 NM Altitude: 10000.0 to 18000.0 ft		
2	DQN	N 40° 0' 59.20" W 84° 23' 48.83" 01 W	L	990.0	114.50	DQN	Used
		ESV:	Bearing [True]: 113.0° to 135.0° Bearing [Mag]: 114.0° to 136.0°		Arc Distance: Out to 48.0 NM Altitude: 12000.0 to 24000.0 ft		
3	FLM	N 38° 38' 58.16" W 84° 18' 38.27" 04 W	H	810.0	117.00	FLM	Used
		ESV:	Bearing [True]: 23.0° to 34.0° Bearing [Mag]: 27.0° to 38.0°		Arc Distance: Out to 78.0 NM Altitude: 12000.0 to 16000.0 ft		
		ESV:	Bearing [True]: 240.0° to 267.0° Bearing [Mag]: 244.0° to 271.0°		Arc Distance: Out to 65.0 NM Altitude: 5400.0 to 16000.0 ft		
4	HYK	N 37° 57' 58.94" W 84° 28' 20.98" 00 E	L	1038.8	112.60	HYK	Used
		ESV:	Bearing [True]: 290.0° to 352.0° Bearing [Mag]: 290.0° to 352.0°		Arc Distance: Out to 65.0 NM Altitude: 4500.0 to 23000.0 ft		
5	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H	720.0	114.80	IIU	Used
		ESV:	Bearing [True]: 32.0° to 46.0° Bearing [Mag]: 31.0° to 45.0°		Arc Distance: Out to 95.0 NM Altitude: 9500.0 to 16000.0 ft		
6	MFD	N 40° 52' 6.96" W 82° 35' 27.46" 03 W	L	1210.0	108.80	MFD	Used
		Restriction:	Bearing [True]: 72.0° to 92.0° Bearing [Mag]: 75.0° to 95.0°		Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
		ESV:	Bearing [True]: 170.0° to 202.0° Bearing [Mag]: 173.0° to 205.0°		Arc Distance: Out to 67.0 NM Altitude: 14000.0 to 24000.0 ft		
7	RID	N 39° 45' 18.03" W 84° 50' 19.78" 03 W	L	1135.0	110.60	RID	Used
		ESV:	Bearing [True]: 100.0° to 175.0° Bearing [Mag]: 103.0° to 178.0°		Arc Distance: Out to 60.0 NM Altitude: 9500.0 to 24000.0 ft		

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
8	ROD	N 40° 17' 16.08" W 84° 2' 35.28" 05 W	H	1083.0	117.50	ROD	Used
Restriction:		Bearing [True]: 355.0° to 115.0° Bearing [Mag]: 360.0° to 120.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
ESV:		Bearing [True]: 115.0° to 187.0° Bearing [Mag]: 120.0° to 192.0°			Arc Distance: Out to 61.0 NM Altitude: 12500.0 to 16000.0 ft		
9	TVT	N 40° 27' 28.93" W 82° 7' 36.65" 03 W	L	1340.0	116.50	TVT	Used
ESV:		Bearing [True]: 228.0° to 238.0° Bearing [Mag]: 231.0° to 241.0°			Arc Distance: Out to 84.0 NM Altitude: 12000.0 to 24000.0 ft		
10	VHP	N 39° 48' 53.02" W 86° 22' 2.88" 01 E	H	823.0	116.30	VHP	Used
Restriction:		Bearing [True]: 313.0° to 347.0° Bearing [Mag]: 312.0° to 346.0°			Distance: Beyond 25.0 NM Altitude: Below 4000.0 ft		
ESV:		Bearing [True]: 106.0° to 130.0° Bearing [Mag]: 105.0° to 129.0°			Arc Distance: Out to 100.0 NM Altitude: 9000.0 to 18000.0 ft		