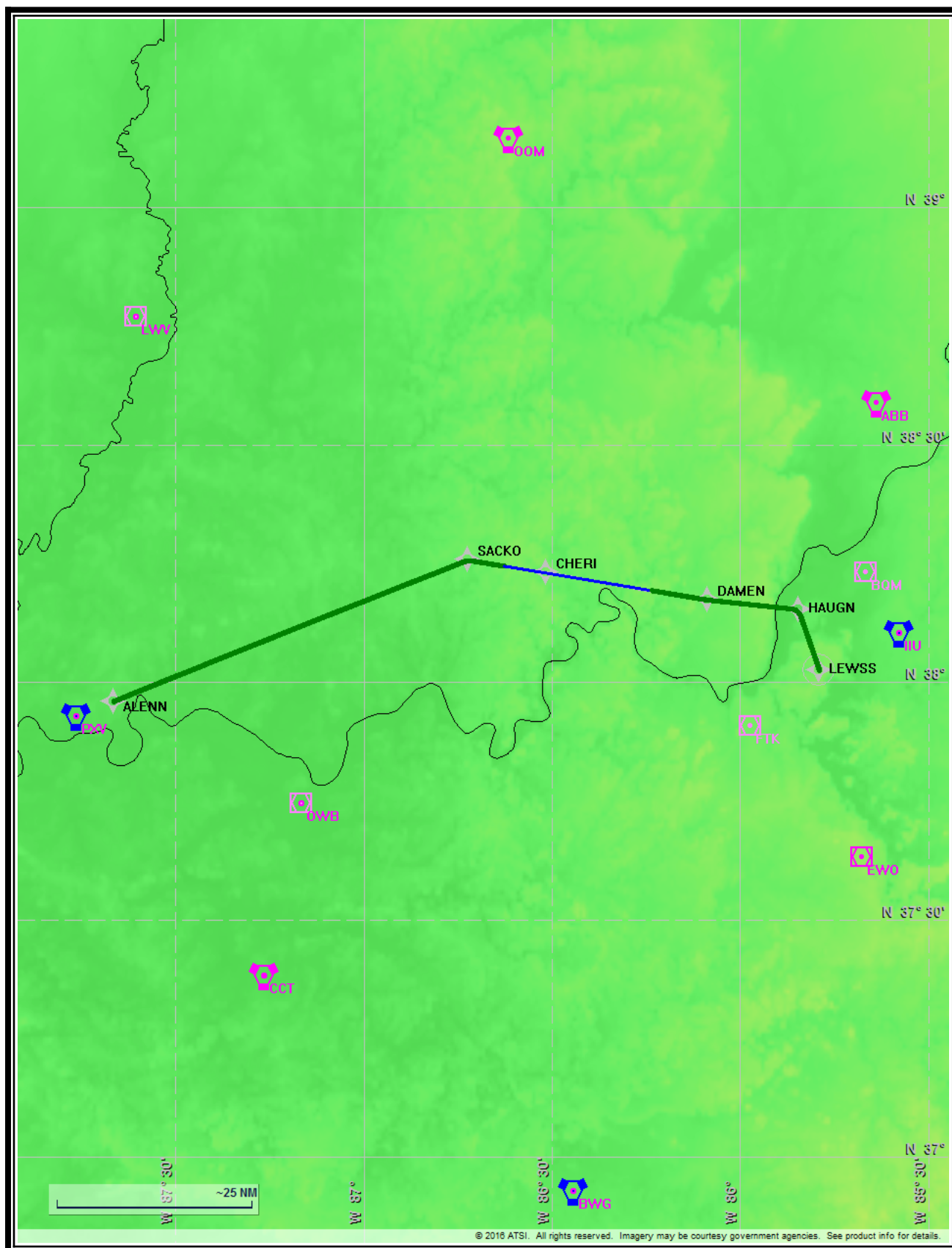


Name: Dennis Osterhage
Project Name: KSDF DAMEN3 STAR
Output File: KSDF DAMEN3 STAR
 ALENN LEWSS
 20160113_1016
Procedure Name: DAMEN3
Software: RNAV-Pro™
Version: 2.38
Date/Time: 1/13/2016 10:18:39 AM
Input File: [KSDF DAMEN3 STAR
 ALENN LEWSS
 20151227_0550.txt](#)
Databases: AIRNAV Date: 1/7/2016
 CIFP Date: 9/18/2015
 DTED® (MAX) Date: 2002

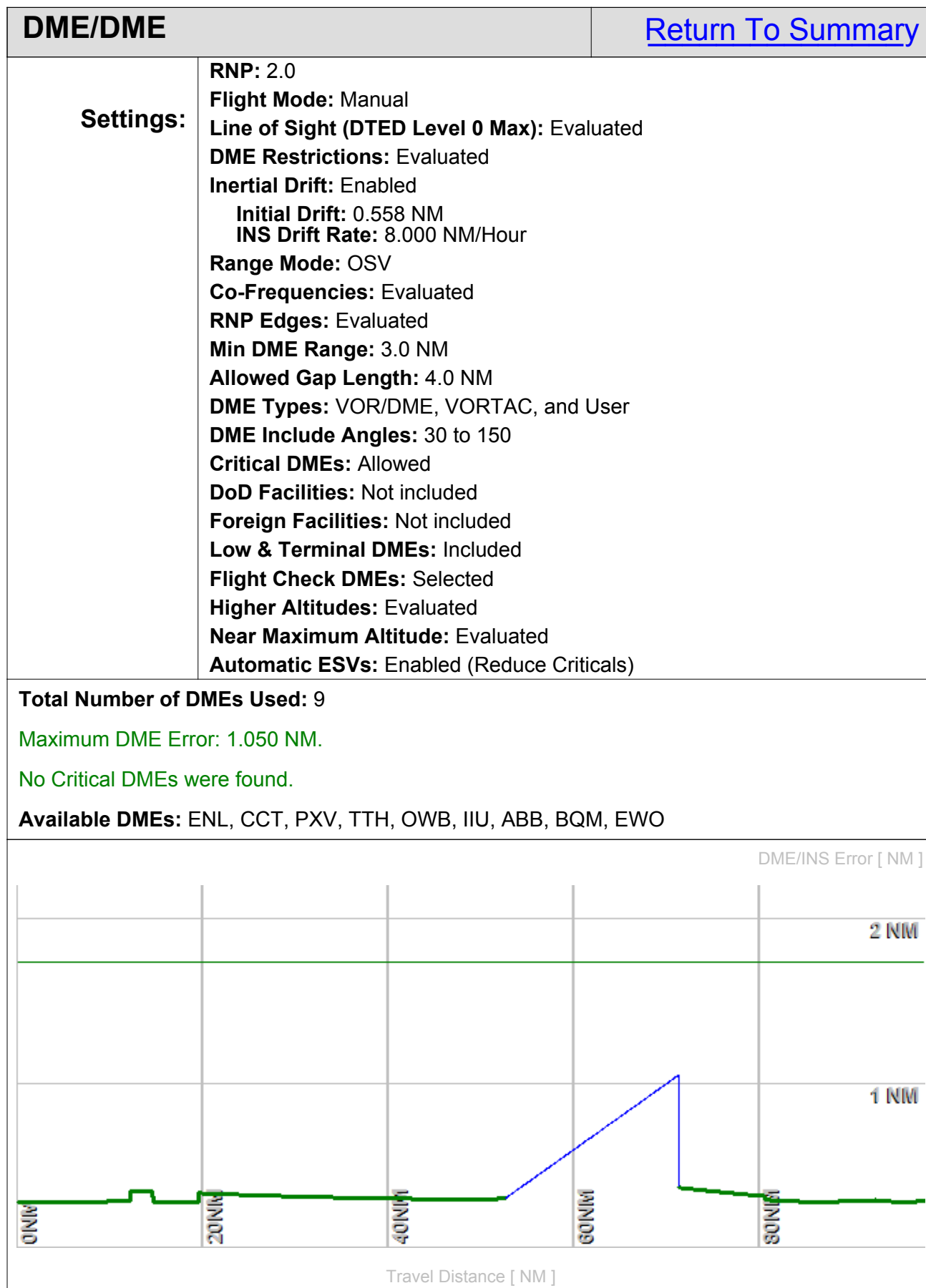
Results Summary:

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
ALENN	WP	N 37° 57' 35.09" W 87° 39' 53.25"	10000.0	Step	210.0	Fly By	TF
SACKO	WP	N 38° 15' 26.16" W 86° 43' 25.83"	10000.0	Step	210.0	Fly By	TF
CHERI	WP	N 38° 13' 48.75" W 86° 30' 53.65"	6000.0	Step	210.0	Fly By	TF
DAMEN	WP	N 38° 10' 24.14" W 86° 5' 13.01"	6000.0	Step	210.0	Fly By	TF
HAUGN	WP	N 38° 9' 11.74" W 85° 50' 44.80"	6000.0	Step	210.0	Fly By	TF
LEWSS	WP	N 38° 1' 29.42" W 85° 47' 20.62"	5000.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	<div>Flight Type: Arrival</div> <div>Selected Airport: KSDF</div> <div>Aircraft Category: Cat D</div> <div>Climb Gradient: <i>None assigned</i></div> <div>Ground Speeds:</div> <div>Table:</div> <div><div>200.0 Kts up to 11000.0 ft</div><div>240.0 Kts up to 18000.0 ft</div><div>260.0 Kts up to 24000.0 ft</div><div>340.0 Kts up to 99900.0 ft</div></div> <div>Wind Settings: <i>None assigned</i></div> <div>Descent During a Turn: Allowed</div> <div>VNAV Mode: Flight Plan</div>	
	Entire track is fly-able	



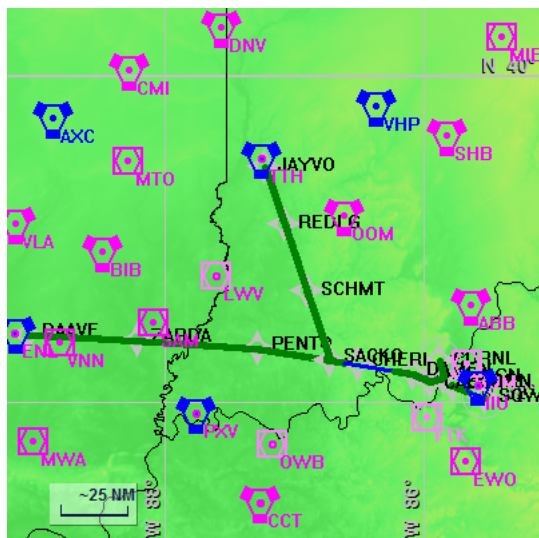
DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	CCT	N 37° 22' 56.71" W 87° 15' 49.32" 01 W	L + ESV	User	NO	1.050	Enabled	12.5%	12.5%
2	PXV	N 37° 55' 41.95" W 87° 45' 44.56" 03 E	H + ESV	User	NO	1.443	Enabled	51.2%	51.2%
3	ENL	N 38° 25' 12.00" W 89° 9' 32.39" 04 E	H + ESV	User	NO	1.050	Enabled	2.5%	2.5%
4	TTH	N 39° 29' 20.19" W 87° 14' 56.47" 02 E	H + ESV	User	NO	1.412	Enabled	36.3%	36.3%
5	OWB	N 37° 44' 36.78" W 87° 9' 57.46" 01 E	T + ESV	User	NO	1.050	Enabled	5.0%	5.0%
6	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H + ESV	User	NO	1.194	Enabled	18.4%	18.4%
7	ABB	N 38° 35' 19.82" W 85° 38' 9.57" 01 E	L	Database	NO	1.418	Enabled	13.0%	13.0%
8	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	Database	NO	1.050	Enabled	8.6%	8.6%
9	EWO	N 37° 37' 54.52" W 85° 40' 33.16" 01 E	L	Database	NO	1.050	Enabled	14.1%	14.1%
	Total Coverage							80.8%	80.8%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		PXV	CCT	TTH	ENL	OWB			
37.2		PXV	IIU	TTH					
47.4		PXV	IIU	TTH	OWB				
57.9		ABB	IIU	BQM					
78.3		ABB	IIU	BQM	EWO				
88.9		ABB	IIU	BQM	EWO				

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments</i>			
#	Start Location	End Location	Length [NM]
1	N 38° 14' 40.65" W 86° 37' 32.51"	N 38° 11' 35.73" W 86° 14' 6.61"	18.7
	VOR: MYS	Available from N 38° 14' 40.65" W 86° 37' 32.51" to N 38° 11' 35.73" W 86° 14' 6.61"	
	VOR: OWB	Available from N 38° 14' 40.65" W 86° 37' 32.51" to N 38° 14' 31.44" W 86° 36' 21.54"	
	VOR: FTK	Available from N 38° 14' 40.65" W 86° 37' 32.51" to N 38° 11' 35.73" W 86° 14' 6.61"	
	VOR: FTK	Available from N 38° 14' 40.65" W 86° 37' 32.51" to N 38° 11' 35.73" W 86° 14' 6.61"	
	VOR: BQM	Available from N 38° 13' 46.32" W 86° 30' 35.08" to N 38° 11' 35.73" W 86° 14' 6.61"	
	VOR: IIU	Available from N 38° 12' 59.21" W 86° 24' 36.24" to N 38° 11' 35.73" W 86° 14' 6.61"	
	VOR: ABB	Available from N 38° 12' 21.19" W 86° 19' 48.43" to N 38° 11' 35.73" W 86° 14' 6.61"	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
ALENN	SACKO	TTH, PXV, CCT, ENL, OWB, and IIU
SACKO	CHERI	TTH, PXV, OWB, and IIU
CHERI	DAMEN	IIU, ABB, and BQM
DAMEN	HAUGN	IIU, ABB, BQM, and EWO
HAUGN	LEWSS	IIU, ABB, BQM, and EWO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KSDF DAMEN3 STAR JAYVO CURNL 20151227_1402.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H	720.0	114.80	IIU	Used
		ESV:	Bearing [True]: 275.0° to 295.0° Bearing [Mag]: 274.0° to 294.0°		Arc Distance: Out to 78.0 NM Altitude: 9500.0 to 16500.0 Ft.		
2	OWB	N 37° 44' 36.78" W 87° 9' 57.46" 01 E	T	401.0	108.60	OWB	Used
		ESV:	Bearing [True]: 30.0° to 50.0° Bearing [Mag]: 29.0° to 49.0°		Arc Distance: Out to 43.0 NM Altitude: 8000.0 to 12000.0 Ft.		
3	ENL	N 38° 25' 12.00" W 89° 9' 32.39" 04 E	H	545.8	115.00	ENL	Used
		ESV:	Bearing [True]: 102.0° to 115.0° Bearing [Mag]: 98.0° to 111.0°		Arc Distance: Out to 92.0 NM Altitude: 9500.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 87.0° to 102.0° Bearing [Mag]: 83.0° to 98.0°		Arc Distance: Out to 92.0 NM Altitude: 9500.0 to 16000.0 Ft.		
4	BWG	N 36° 55' 43.47" W 86° 26' 36.36" 02 E	H	565.0	117.90	BWG	Not Used
		Restriction:	Bearing [True]: 242.0° to 257.0° Bearing [Mag]: 240.0° to 255.0°		Distance: Beyond 10.0 NM Altitude: Below 99999.0 Ft.		
		Restriction:	Bearing [True]: 257.0° to 1.0° Bearing [Mag]: 255.0° to 359.0°		Distance: Beyond 10.0 NM Altitude: Below 11000.0 Ft.		
		Restriction:	Bearing [True]: 222.0° to 242.0° Bearing [Mag]: 220.0° to 240.0°		Distance: Beyond 10.0 NM Altitude: Below 10000.0 Ft.		
		Restriction:	Bearing [True]: 102.0° to 182.0° Bearing [Mag]: 100.0° to 180.0°		Distance: Beyond 10.0 NM Altitude: Below 11000.0 Ft.		
		Restriction:	Bearing [True]: 42.0° to 102.0° Bearing [Mag]: 40.0° to 100.0°		Distance: Beyond 10.0 NM Altitude: Below 5000.0 Ft.		
		Restriction:	Bearing [True]: 2.0° to 42.0° Bearing [Mag]: 360.0° to 40.0°		Distance: Beyond 10.0 NM Altitude: Below 18000.0 Ft.		
		Restriction:	Bearing [True]: 182.0° to 222.0° Bearing [Mag]: 180.0° to 220.0°		Distance: Beyond 10.0 NM Altitude: Below 99999.0 Ft.		
5	CCT	N 37° 22' 56.71" W 87° 15' 49.32" 01 W	L	450.0	109.80	CCT	Used
		ESV:	Bearing [True]: 320.0° to 7.0° Bearing [Mag]: 321.0° to 8.0°		Arc Distance: Out to 45.0 NM Altitude: 9500.0 to 24000.0 Ft.		

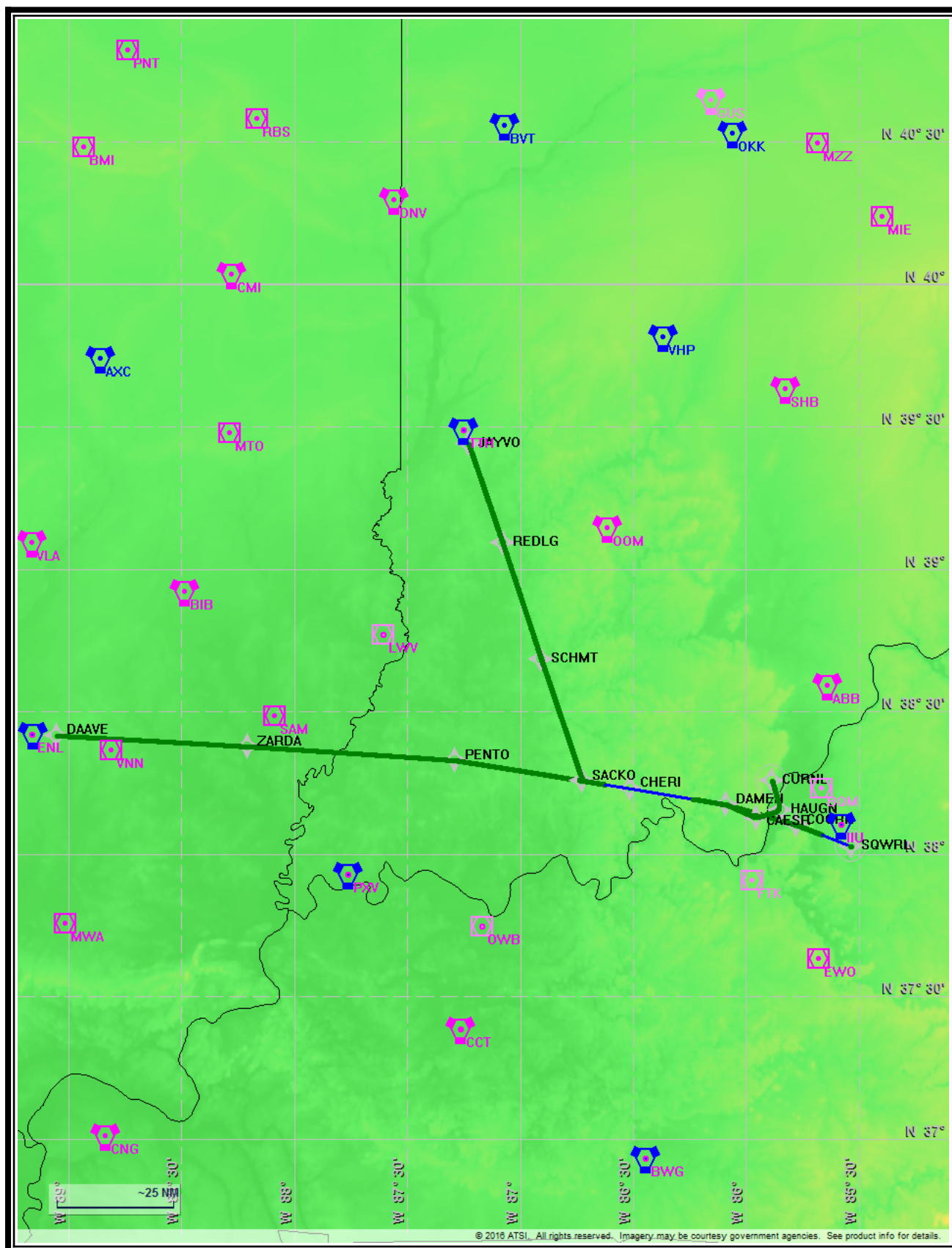
User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PXV	N 37° 55' 41.95" W 87° 45' 44.56" 03 E	H	384.3	113.30	PXV	Used
		ESV:	Bearing [True]: 291.0° to 303.0° Bearing [Mag]: 288.0° to 300.0°		Arc Distance: Out to 76.0 NM Altitude: 9500.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 14.0° to 65.0° Bearing [Mag]: 11.0° to 62.0°		Arc Distance: Out to 98.0 NM Altitude: 9500.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 27.0° to 109.0° Bearing [Mag]: 24.0° to 106.0°		Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 16000.0 Ft.		
7	TTH	N 39° 29' 20.19" W 87° 14' 56.47" 02 E	H	606.1	115.30	TTH	Used
		ESV:	Bearing [True]: 167.0° to 182.0° Bearing [Mag]: 165.0° to 180.0°		Arc Distance: Out to 75.0 NM Altitude: 9800.0 to 16500.0 Ft.		
		ESV:	Bearing [True]: 79.0° to 168.0° Bearing [Mag]: 77.0° to 166.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 Ft.		
		Auto ESV:	Bearing [True]: 154.0° to 196.0° Bearing [Mag]: 152.0° to 194.0°		Arc Distance: Out to 98.0 NM Altitude: 6800.0 to 16000.0 Ft.		
8	LWV	N 38° 46' 11.53" W 87° 36' 13.78" 01 W	T	429.7	108.80	LWV	Not Used
		ESV:	Bearing [True]: 74.0° to 115.0° Bearing [Mag]: 75.0° to 116.0°		Arc Distance: Out to 43.0 NM Altitude: 9500.0 to 18000.0 Ft.		



Name: Dennis Osterhage
Project Name: KSDF DAMEN3 STAR
Output File: KSDF DAMEN3 STAR
 DAAVE SQWRL
 20160113_1054
Procedure Name: DAMEN3
Software: RNAV-Pro™
Version: 2.38
Date/Time: 1/13/2016 10:56:58 AM
Input File: [KSDF DAMEN3 STAR
 DAAVE SQWRL
 20151227_0552.txt](#)
Databases: AIRNAV Date: 1/7/2016
 CIFP Date: 9/18/2015
 DTED® (MAX) Date: 2002

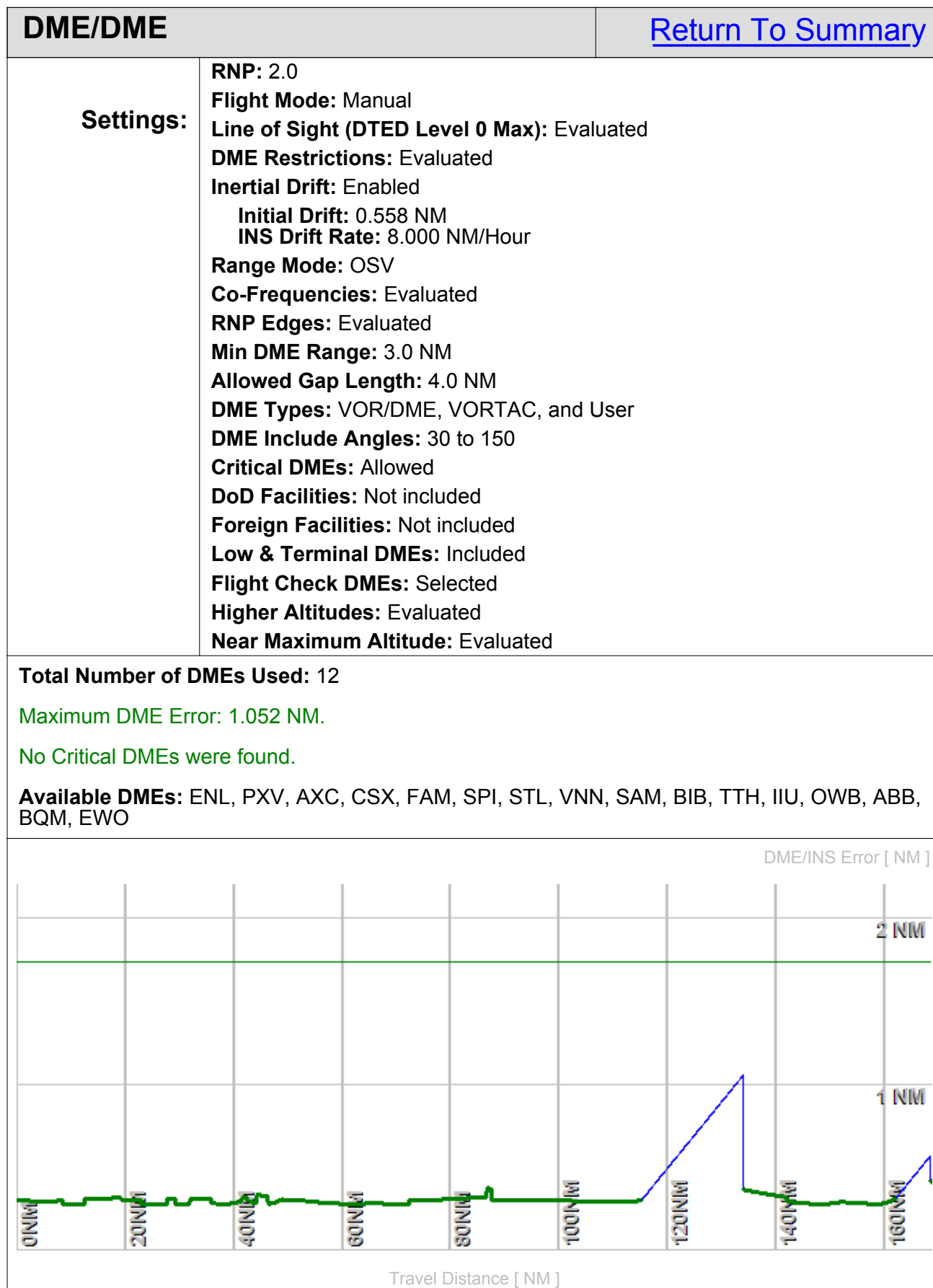
Results Summary:

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
DAAVE	WP	N 38° 24' 56.27" W 89° 3' 11.20"	18000.0	Step	240.0	Fly By	TF
ZARDA	WP	N 38° 22' 38.06" W 88° 12' 23.33"	18000.0	Step	240.0	Fly By	TF
PENTO	WP	N 38° 19' 43.31" W 87° 17' 16.73"	10000.0	Step	180.0	Fly By	TF
SACKO	WP	N 38° 15' 26.16" W 86° 43' 25.83"	10000.0	Step	180.0	Fly By	TF
CHERI	WP	N 38° 13' 48.75" W 86° 30' 53.65"	6000.0	Step	180.0	Fly By	TF
DAMEN	WP	N 38° 10' 24.14" W 86° 5' 13.01"	6000.0	Step	180.0	Fly By	TF
COORN	WP	N 38° 6' 6.36" W 85° 46' 30.09"	6000.0	Step	180.0	Fly By	TF
SQWRL	WP	N 38° 1' 36.14" W 85° 31' 57.60"	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 (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	ENL	N 38° 25' 12.00" W 89° 9' 32.39" 04 E	H + ESV	User	NO	1.052	Enabled	26.8%	27.4%
2	AXC	N 39° 44' 15.08" W 88° 51' 23.15" 03 E	H	Database	NO	1.052	Enabled	5.9%	7.1%
3	PXV	N 37° 55' 41.95" W 87° 45' 44.56" 03 E	H + ESV	User	NO	1.138	Enabled	32.9%	33.4%
4	BIB	N 38° 55' 13.24" W 88° 28' 54.50" 03 E	L	Database	NO	1.052	Enabled	9.0%	10.9%
5	STL	N 38° 51' 38.48" W 90° 28' 56.52" 01 E	H	Database	NO	1.052	Enabled	3.3%	3.9%
6	SAM	N 38° 29' 6.68" W 88° 5' 8.90" 03 E	L	Database	NO	1.052	Enabled	10.6%	11.6%
7	TTH	N 39° 29' 20.19" W 87° 14' 56.47" 02 E	H + ESV	User	NO	1.332	Enabled	32.0%	30.8%
8	VNN	N 38° 21' 43.03" W 88° 48' 26.41" 02 E	L	Database	NO	1.052	Enabled	4.0%	4.6%
9	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H + ESV	User	NO	1.196	Enabled	18.8%	17.5%
10	ABB	N 38° 35' 19.82" W 85° 38' 9.57" 01 E	L	Database	NO	1.376	Enabled	7.1%	6.6%
11	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	Database	NO	1.052	Enabled	6.6%	6.1%
12	EWO	N 37° 37' 54.52" W 85° 40' 33.16" 01 E	L	Database	NO	1.052	Enabled	10.8%	10.1%
	Total Coverage							84.0%	85.1%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		ENL	AXC	BIB	STL	PXV	FAM		
14.5		ENL	AXC	BIB	STL	SAM	TTH		
27.8		PXV	VNN	BIB	TTH	SAM	ENL		
40.0		PXV	VNN	ENL	TTH	SAM	AXC		
83.2		PXV	IIU	ENL	TTH	SAM			
93.4		PXV	IIU	OWB	TTH				

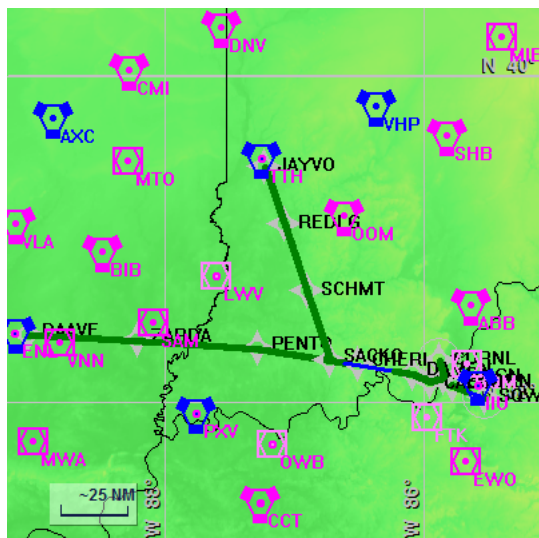
DME/DME (Continued)					Return To Summary	
Flight Check DME Selection (Continued)						
Distance [NM]		Selected DMEs				Alternate
110.4		PXV	IIU	OWB	TTH	
120.4		ABB	IIU	BQM		
140.7		ABB	IIU	BQM	EWO	
156.1		ABB	IIU	BQM	EWO	
Inertial Drift Segments						
#	Start Location		End Location			Length [NM]
1	N 38° 14' 41.12" W 86° 37' 36.88"		N 38° 11' 35.74" W 86° 14' 6.68"			18.8
VOR: MYS		Available from N 38° 14' 41.12" W 86° 37' 36.88" to N 38° 11' 35.74" W 86° 14' 6.68"				
VOR: OWB		Available from N 38° 14' 41.12" W 86° 37' 36.88" to N 38° 14' 31.40" W 86° 36' 21.72"				
VOR: FTK		Available from N 38° 14' 41.12" W 86° 37' 36.88" to N 38° 11' 35.74" W 86° 14' 6.68"				
VOR: FTK		Available from N 38° 14' 41.12" W 86° 37' 36.88" to N 38° 11' 35.74" W 86° 14' 6.68"				
VOR: BQM		Available from N 38° 13' 46.34" W 86° 30' 35.26" to N 38° 11' 35.74" W 86° 14' 6.68"				
VOR: IIU		Available from N 38° 12' 59.25" W 86° 24' 36.41" to N 38° 11' 35.74" W 86° 14' 6.68"				
VOR: ABB		Available from N 38° 12' 21.21" W 86° 19' 48.60" to N 38° 11' 35.74" W 86° 14' 6.68"				

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments (Continued)</i>			
#	Start Location	End Location	Length [NM]
2	N 38° 4' 1.16" W 85° 39' 44.26"	N 38° 1' 43.27" W 85° 32' 20.43"	6.3
	VOR: MYS	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: ABB	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: BQM	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: EWO	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: FFT	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: FTK	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: FTK	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	
	VOR: IIU	Available from N 38° 4' 1.16" W 85° 39' 44.26" to N 38° 1' 43.27" W 85° 32' 20.43"	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
DAAVE	ZARDA	TTH, PXV, ENL, AXC, BIB, SAM, STL, VNN, CSX*, FAM*, and SPI*
ZARDA	PENTO	TTH, PXV, ENL, SAM, VNN, AXC*, and BIB*
PENTO	SACKO	TTH, PXV, ENL, OWB, IIU, and SAM
SACKO	CHERI	TTH, PXV, OWB, and IIU
CHERI	DAMEN	IIU, ABB, and BQM
DAMEN	COORN	IIU, ABB, BQM, and EWO
COORN	SQWRL	IIU, ABB, BQM, and EWO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KSDF DAMEN3 STAR JAYVO CURNL 20151227_1402.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H	720.0	114.80	IIU	Used
		ESV:	Bearing [True]: 275.0° to 295.0° Bearing [Mag]: 274.0° to 294.0°		Arc Distance: Out to 78.0 NM Altitude: 9500.0 to 16500.0 Ft.		
2	OWB	N 37° 44' 36.78" W 87° 9' 57.46" 01 E	T	401.0	108.60	OWB	Not Used
		ESV:	Bearing [True]: 30.0° to 50.0° Bearing [Mag]: 29.0° to 49.0°		Arc Distance: Out to 43.0 NM Altitude: 8000.0 to 12000.0 Ft.		
3	ENL	N 38° 25' 12.00" W 89° 9' 32.39" 04 E	H	545.8	115.00	ENL	Used
		ESV:	Bearing [True]: 102.0° to 115.0° Bearing [Mag]: 98.0° to 111.0°		Arc Distance: Out to 92.0 NM Altitude: 9500.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 87.0° to 102.0° Bearing [Mag]: 83.0° to 98.0°		Arc Distance: Out to 92.0 NM Altitude: 9500.0 to 16000.0 Ft.		
4	BWG	N 36° 55' 43.47" W 86° 26' 36.36" 02 E	H	565.0	117.90	BWG	Not Used
		Restriction:	Bearing [True]: 242.0° to 257.0° Bearing [Mag]: 240.0° to 255.0°		Distance: Beyond 10.0 NM Altitude: Below 99999.0 Ft.		
		Restriction:	Bearing [True]: 257.0° to 1.0° Bearing [Mag]: 255.0° to 359.0°		Distance: Beyond 10.0 NM Altitude: Below 11000.0 Ft.		
		Restriction:	Bearing [True]: 222.0° to 242.0° Bearing [Mag]: 220.0° to 240.0°		Distance: Beyond 10.0 NM Altitude: Below 10000.0 Ft.		
		Restriction:	Bearing [True]: 102.0° to 182.0° Bearing [Mag]: 100.0° to 180.0°		Distance: Beyond 10.0 NM Altitude: Below 11000.0 Ft.		
		Restriction:	Bearing [True]: 42.0° to 102.0° Bearing [Mag]: 40.0° to 100.0°		Distance: Beyond 10.0 NM Altitude: Below 5000.0 Ft.		
		Restriction:	Bearing [True]: 2.0° to 42.0° Bearing [Mag]: 360.0° to 40.0°		Distance: Beyond 10.0 NM Altitude: Below 18000.0 Ft.		
		Restriction:	Bearing [True]: 182.0° to 222.0° Bearing [Mag]: 180.0° to 220.0°		Distance: Beyond 10.0 NM Altitude: Below 99999.0 Ft.		
5	CCT	N 37° 22' 56.71" W 87° 15' 49.32" 01 W	L	450.0	109.80	CCT	Not Used
		ESV:	Bearing [True]: 320.0° to 7.0° Bearing [Mag]: 321.0° to 8.0°		Arc Distance: Out to 45.0 NM Altitude: 9500.0 to 24000.0 Ft.		

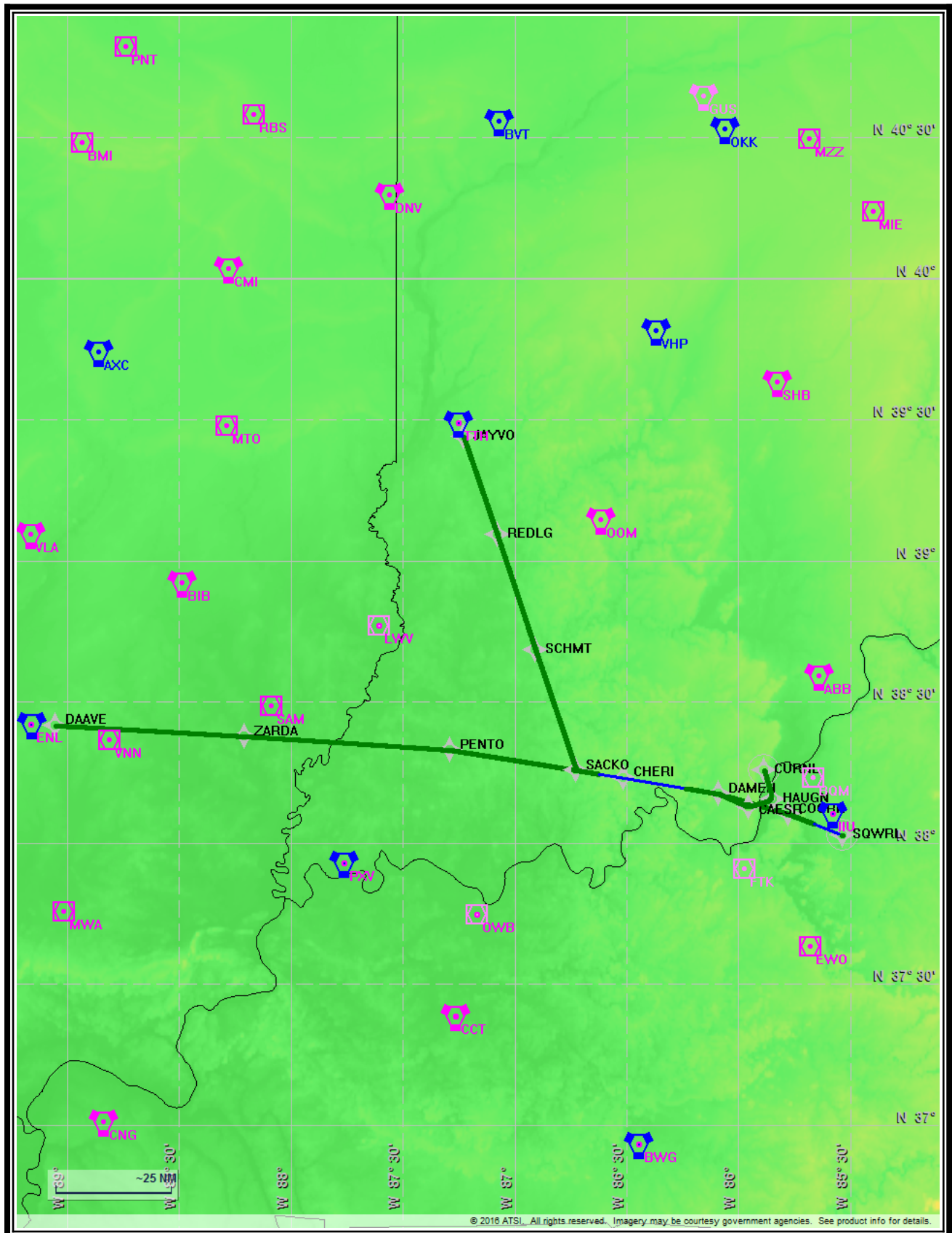
User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
6	PXV	N 37° 55' 41.95" W 87° 45' 44.56" 03 E	H	384.3	113.30	PXV	Used
		ESV:	Bearing [True]: 291.0° to 303.0° Bearing [Mag]: 288.0° to 300.0°		Arc Distance: Out to 76.0 NM Altitude: 9500.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 14.0° to 65.0° Bearing [Mag]: 11.0° to 62.0°		Arc Distance: Out to 98.0 NM Altitude: 9500.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 27.0° to 109.0° Bearing [Mag]: 24.0° to 106.0°		Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 16000.0 Ft.		
7	TTH	N 39° 29' 20.19" W 87° 14' 56.47" 02 E	H	606.1	115.30	TTH	Used
		ESV:	Bearing [True]: 167.0° to 182.0° Bearing [Mag]: 165.0° to 180.0°		Arc Distance: Out to 75.0 NM Altitude: 9800.0 to 16500.0 Ft.		
		ESV:	Bearing [True]: 79.0° to 168.0° Bearing [Mag]: 77.0° to 166.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 Ft.		
		ESV:	Bearing [True]: 154.0° to 196.0° Bearing [Mag]: 152.0° to 194.0°		Arc Distance: Out to 98.0 NM Altitude: 6800.0 to 16000.0 Ft.		
8	LWV	N 38° 46' 11.53" W 87° 36' 13.78" 01 W	T	429.7	108.80	LWV	Not Used
		ESV:	Bearing [True]: 74.0° to 115.0° Bearing [Mag]: 75.0° to 116.0°		Arc Distance: Out to 43.0 NM Altitude: 9500.0 to 18000.0 Ft.		



Name: Dennis Osterhage
Project Name: KSDF DAMEN3 STAR
Output File: KSDF DAMEN3 STAR
 JAYVO CURNL
 20160113_1054
Procedure Name: DAMEN3
Software: RNAV-Pro™
Version: 2.38
Date/Time: 1/13/2016 10:58:35 AM
Input File: [KSDF DAMEN3 STAR
 JAYVO CURNL
 20151227_0557.txt](#)
Databases: AIRNAV Date: 1/7/2016
 CIFP Date: 9/18/2015
 DTED® (MAX) Date: 2002

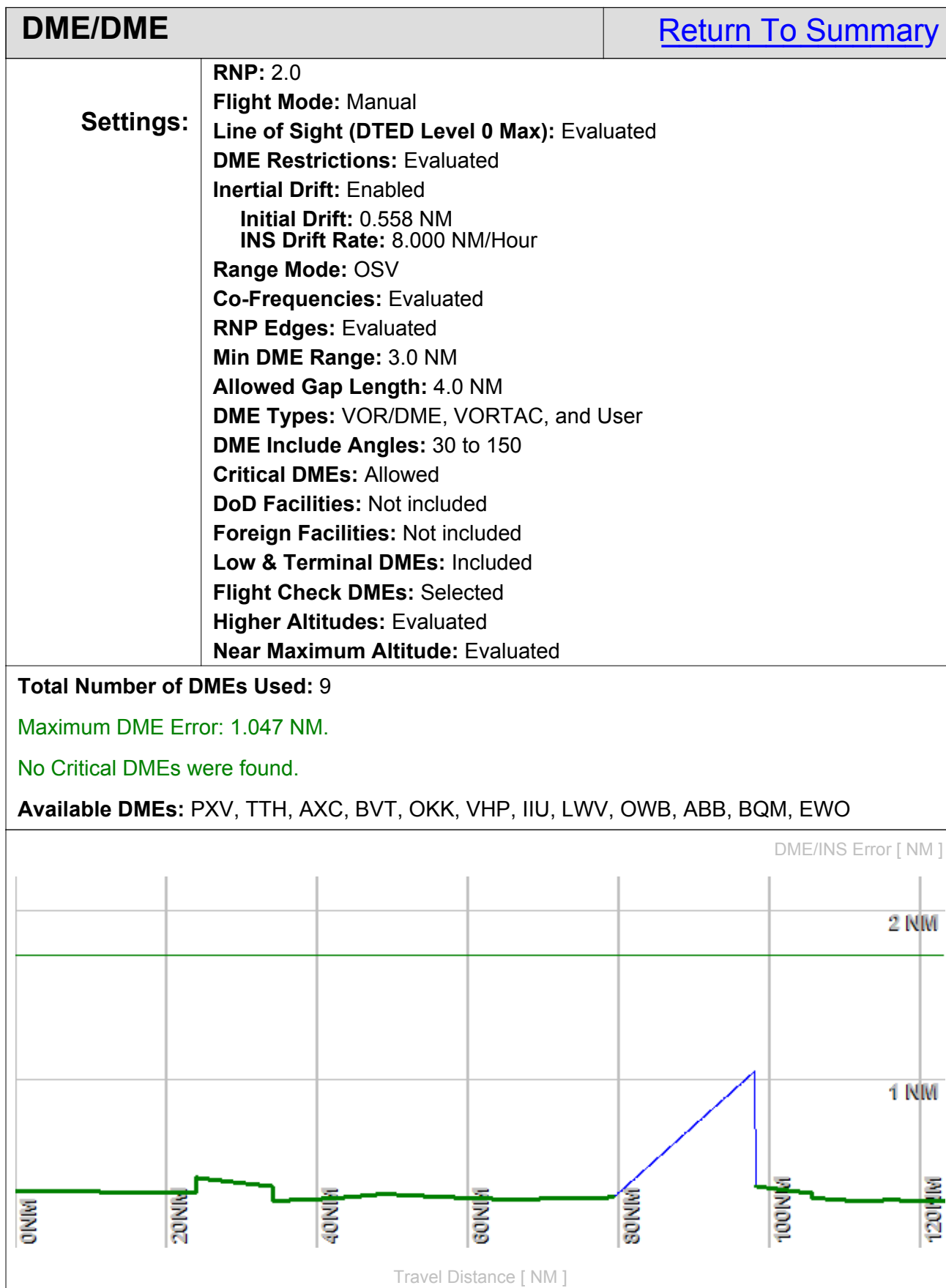
Results Summary:

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
JAYVO	WP	N 39° 26' 26.98" W 87° 13' 42.00"	16000.0	Step	210.0	Fly By	TF
REDLG	WP	N 39° 5' 31.00" W 87° 4' 38.00"	16000.0	Step	210.0	Fly By	TF
SCHMT	WP	N 38° 41' 3.95" W 86° 54' 23.78"	10000.0	Step	210.0	Fly By	TF
SACKO	WP	N 38° 15' 26.16" W 86° 43' 25.83"	10000.0	Step	210.0	Fly By	TF
CHERI	WP	N 38° 13' 48.75" W 86° 30' 53.65"	6000.0	Step	210.0	Fly By	TF
DAMEN	WP	N 38° 10' 24.14" W 86° 5' 13.01"	6000.0	Step	210.0	Fly By	TF
CAESR	WP	N 38° 7' 40.30" W 85° 57' 18.83"	6000.0	Step	210.0	Fly By	TF
HAUGN	WP	N 38° 9' 11.74" W 85° 50' 44.80"	6000.0	Step	210.0	Fly By	TF
CURNL	WP	N 38° 15' 26.75" W 85° 53' 2.45"	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 (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	PXV	N 37° 55' 41.95" W 87° 45' 44.56" 03 E	H + ESV	User	NO	1.135	Enabled	48.7%	50.7%
2	AXC	N 39° 44' 15.08" W 88° 51' 23.15" 03 E	H	Database	NO	1.047	Enabled	15.3%	17.6%
3	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H + ESV	User	NO	1.192	Enabled	13.0%	12.7%
4	VHP	N 39° 48' 53.02" W 86° 22' 3.00" 01 E	H	Database	NO	1.047	Enabled	1.6%	1.8%
5	TTH	N 39° 29' 20.19" W 87° 14' 56.47" 02 E	H + ESV	User	NO	1.331	Enabled	45.8%	45.0%
6	LWV	N 38° 46' 11.53" W 87° 36' 13.78" 01 W	T + ESV	User	NO	1.047	Enabled	12.5%	11.9%
7	ABB	N 38° 35' 19.82" W 85° 38' 9.57" 01 E	L	Database	NO	1.350	Enabled	11.6%	11.0%
8	EWO	N 37° 37' 54.52" W 85° 40' 33.16" 01 E	L	Database	NO	1.047	Enabled	9.9%	9.5%
9	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	Database	NO	1.047	Enabled	9.8%	9.4%
	Total Coverage							84.1%	84.8%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		PXV	AXC	IIU	VHP	TTH	BVT		
22.0		PXV	AXC	IIU	VHP	TTH	BVT		
32.1		PXV	LWV	TTH					
47.7		PXV	LWV	IIU	TTH				
73.8		PXV	OWB	IIU	TTH				
84.6		ABB	BQM	IIU					
104.7		ABB	BQM	IIU	EWO				
111.3		ABB	BQM	IIU	EWO				
115.8		ABB	BQM	IIU	EWO				

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments</i>			
#	Start Location	End Location	Length [NM]
1	N 38° 14' 39.84" W 86° 37' 28.29"	N 38° 11' 35.71" W 86° 14' 6.40"	18.7
	VOR: MYS	Available from N 38° 14' 39.84" W 86° 37' 28.29" to N 38° 11' 35.71" W 86° 14' 6.40"	
	VOR: OWB	Available from N 38° 14' 39.84" W 86° 37' 28.29" to N 38° 14' 31.21" W 86° 36' 21.48"	
	VOR: FTK	Available from N 38° 14' 39.84" W 86° 37' 28.29" to N 38° 11' 35.71" W 86° 14' 6.40"	
	VOR: FTK	Available from N 38° 14' 39.84" W 86° 37' 28.29" to N 38° 11' 35.71" W 86° 14' 6.40"	
	VOR: BQM	Available from N 38° 13' 46.34" W 86° 30' 34.97" to N 38° 11' 35.71" W 86° 14' 6.40"	
	VOR: IIU	Available from N 38° 12' 59.26" W 86° 24' 36.13" to N 38° 11' 35.71" W 86° 14' 6.40"	
	VOR: ABB	Available from N 38° 12' 21.20" W 86° 19' 48.32" to N 38° 11' 35.71" W 86° 14' 6.40"	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
JAYVO	REDLG	TTH, PXV, IIU, AXC, VHP, BVT*, and OKK*
REDLG	SCHMT	LWV, TTH, PXV, IIU, AXC, VHP, and BVT*
SCHMT	SACKO	LWV, TTH, PXV, and IIU
SACKO	CHERI	TTH, PXV, OWB, and IIU
CHERI	DAMEN	IIU, ABB, and BQM
DAMEN	CAESR	IIU, ABB, BQM, and EWO
CAESR	HAUGN	IIU, ABB, BQM, and EWO
HAUGN	CURNL	IIU, ABB, BQM, and EWO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KSDF DAMEN3 STAR JAYVO CURNL 20151227_1402.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	IIU	N 38° 6' 12.47" W 85° 34' 38.77" 01 E	H	720.0	114.80	IIU	Used
		ESV:	Bearing [True]: 275.0° to 295.0° Bearing [Mag]: 274.0° to 294.0°		Arc Distance: Out to 78.0 NM Altitude: 9500.0 to 16500.0 Ft.		
2	OWB	N 37° 44' 36.78" W 87° 9' 57.46" 01 E	T	401.0	108.60	OWB	Not Used
		ESV:	Bearing [True]: 30.0° to 50.0° Bearing [Mag]: 29.0° to 49.0°		Arc Distance: Out to 43.0 NM Altitude: 8000.0 to 12000.0 Ft.		
3	ENL	N 38° 25' 12.00" W 89° 9' 32.39" 04 E	H	545.8	115.00	ENL	Not Used
		ESV:	Bearing [True]: 102.0° to 115.0° Bearing [Mag]: 98.0° to 111.0°		Arc Distance: Out to 92.0 NM Altitude: 9500.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 87.0° to 102.0° Bearing [Mag]: 83.0° to 98.0°		Arc Distance: Out to 92.0 NM Altitude: 9500.0 to 16000.0 Ft.		
4	BWG	N 36° 55' 43.47" W 86° 26' 36.36" 02 E	H	565.0	117.90	BWG	Not Used
		Restriction:	Bearing [True]: 242.0° to 257.0° Bearing [Mag]: 240.0° to 255.0°		Distance: Beyond 10.0 NM Altitude: Below 99999.0 Ft.		
		Restriction:	Bearing [True]: 257.0° to 1.0° Bearing [Mag]: 255.0° to 359.0°		Distance: Beyond 10.0 NM Altitude: Below 11000.0 Ft.		
		Restriction:	Bearing [True]: 222.0° to 242.0° Bearing [Mag]: 220.0° to 240.0°		Distance: Beyond 10.0 NM Altitude: Below 10000.0 Ft.		
		Restriction:	Bearing [True]: 102.0° to 182.0° Bearing [Mag]: 100.0° to 180.0°		Distance: Beyond 10.0 NM Altitude: Below 11000.0 Ft.		
		Restriction:	Bearing [True]: 42.0° to 102.0° Bearing [Mag]: 40.0° to 100.0°		Distance: Beyond 10.0 NM Altitude: Below 5000.0 Ft.		
		Restriction:	Bearing [True]: 2.0° to 42.0° Bearing [Mag]: 360.0° to 40.0°		Distance: Beyond 10.0 NM Altitude: Below 18000.0 Ft.		
		Restriction:	Bearing [True]: 182.0° to 222.0° Bearing [Mag]: 180.0° to 220.0°		Distance: Beyond 10.0 NM Altitude: Below 99999.0 Ft.		
5	CCT	N 37° 22' 56.71" W 87° 15' 49.32" 01 W	L	450.0	109.80	CCT	Not Used
		ESV:	Bearing [True]: 320.0° to 7.0° Bearing [Mag]: 321.0° to 8.0°		Arc Distance: Out to 45.0 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
6	PXV	N 37° 55' 41.95" W 87° 45' 44.56" 03 E	H	384.3	113.30	PXV	Used
		ESV:	Bearing [True]: 291.0° to 303.0° Bearing [Mag]: 288.0° to 300.0°		Arc Distance: Out to 76.0 NM Altitude: 9500.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 14.0° to 65.0° Bearing [Mag]: 11.0° to 62.0°		Arc Distance: Out to 98.0 NM Altitude: 9500.0 to 15000.0 Ft.		
		ESV:	Bearing [True]: 27.0° to 109.0° Bearing [Mag]: 24.0° to 106.0°		Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 16000.0 Ft.		
7	TTH	N 39° 29' 20.19" W 87° 14' 56.47" 02 E	H	606.1	115.30	TTH	Used
		ESV:	Bearing [True]: 167.0° to 182.0° Bearing [Mag]: 165.0° to 180.0°		Arc Distance: Out to 75.0 NM Altitude: 9800.0 to 16500.0 Ft.		
		ESV:	Bearing [True]: 79.0° to 168.0° Bearing [Mag]: 77.0° to 166.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 18000.0 Ft.		
		ESV:	Bearing [True]: 154.0° to 196.0° Bearing [Mag]: 152.0° to 194.0°		Arc Distance: Out to 98.0 NM Altitude: 6800.0 to 16000.0 Ft.		
8	LWV	N 38° 46' 11.53" W 87° 36' 13.78" 01 W	T	429.7	108.80	LWV	Used
		ESV:	Bearing [True]: 74.0° to 115.0° Bearing [Mag]: 75.0° to 116.0°		Arc Distance: Out to 43.0 NM Altitude: 9500.0 to 18000.0 Ft.		