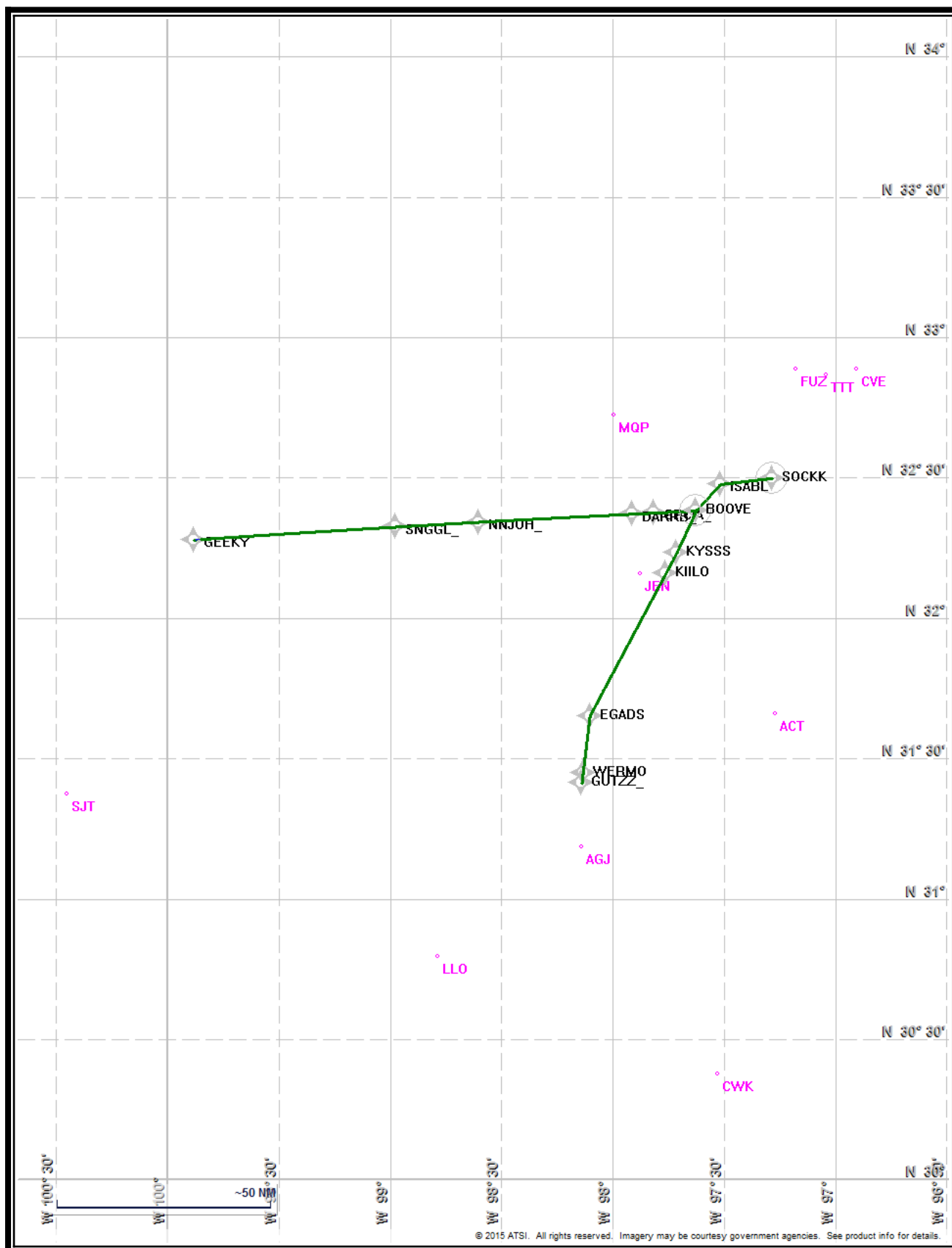


Name: ALAN MABRY
Project Name: KDFW SOCKK3 STAR
Output File: KDFW SOCKK3 STAR
 GEEKY SOCKK
 20150819_1448
Procedure Name: SOCKK3
Software: RNAV-Pro™
Version: 2.38
Date/Time: 8/19/2015 2:48:35 PM
Input File: [KDFW SOCKK3 STAR
 GEEKY SOCKK
 20150819_1436.txt](#)
Databases: AIRNAV Date: 8/4/2015
 CIPF Date: 2/5/2015
 DTED® (MAX) Date: 2002

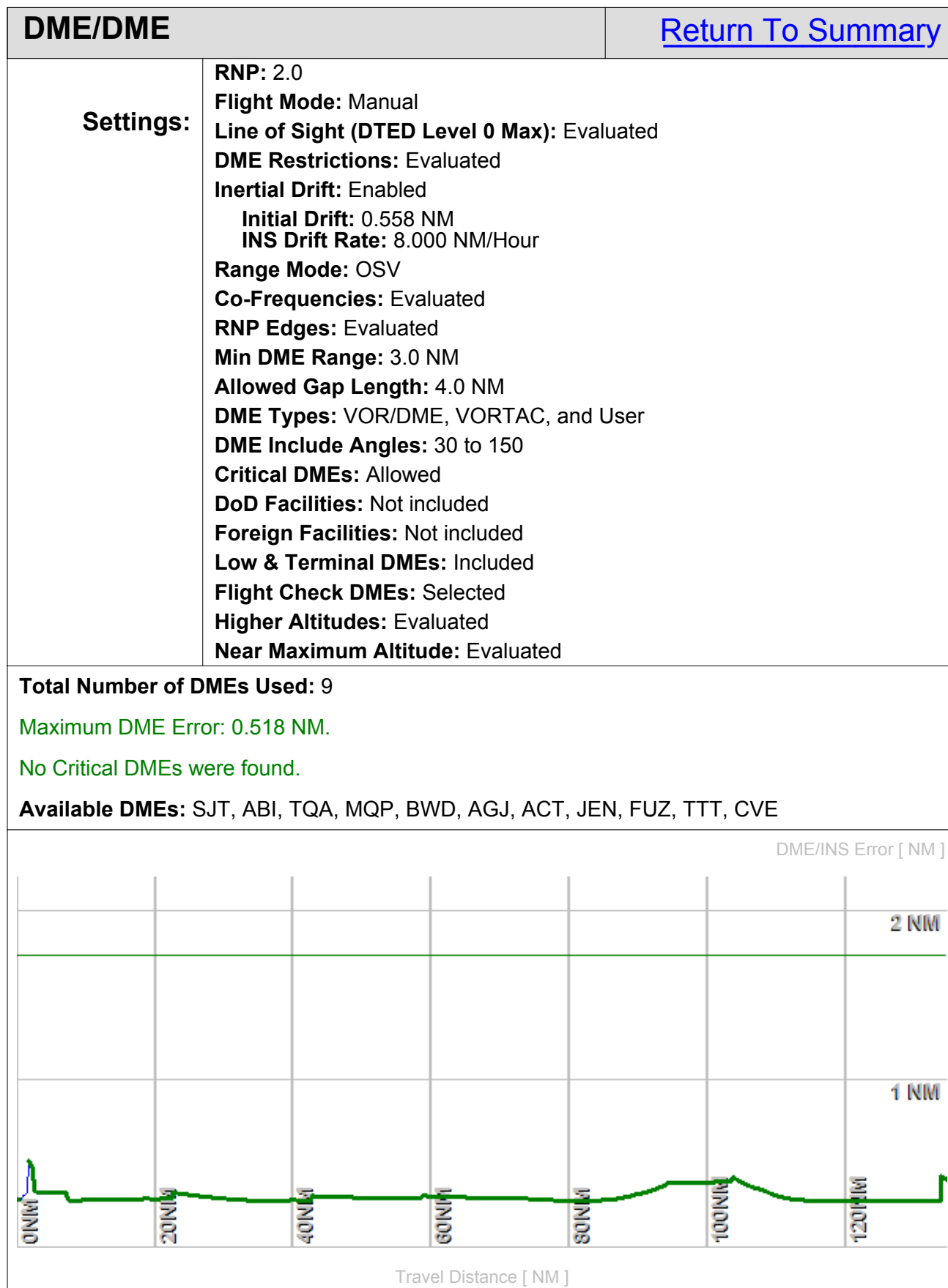
Results Summary:

Flyability	✓	Please Check Flyability Results
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
GEEKY	WP	N 32° 16' 46.32" W 99° 53' 1.09"	10000.0	Step	290.0	Fly By	TF
SNGGL_	WP	N 32° 19' 32.27" W 98° 58' 27.46"	10000.0	Step	290.0	Fly By	TF
NNJUH_	WP	N 32° 20' 34.24" W 98° 36' 6.57"	10000.0	Step	290.0	Fly By	TF
DARRB_	WP	N 32° 22' 17.36" W 97° 54' 46.55"	10000.0	Step	270.0	Fly By	TF
GRCIA_	WP	N 32° 22' 31.36" W 97° 48' 50.97"	4000.0	Step	270.0	Fly By	TF
BOOVE	WP	N 32° 22' 57.36" W 97° 37' 29.42"	4000.0	Step	250.0	Fly By	TF
ISABL	WP	N 32° 28' 37.14" W 97° 31' 2.22"	3000.0	Step	250.0	Fly By	TF
SOCKK	WP	N 32° 29' 56.85" W 97° 16' 56.04"	3000.0	Step	230.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type: Arrival	
	Selected Airport: KDFW	
	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	
Aircraft ALTITUDE at Fly-By WP GRCIA_ too high.		



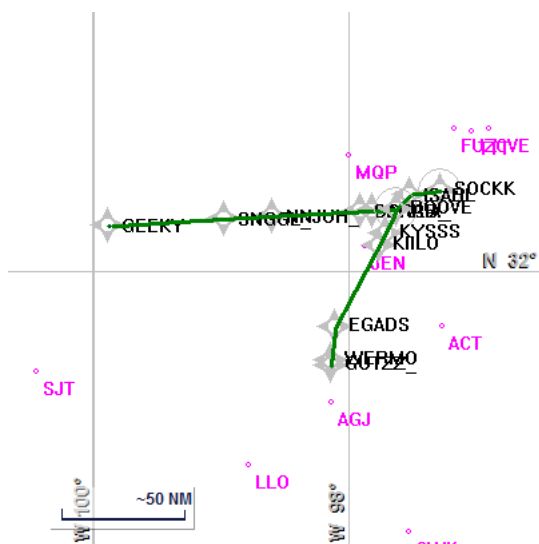
DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	SJT	N 31° 22' 29.83" W 100° 27' 17.55" 10 E	H + ESV	User	NO	0.435	Enabled	9.9%	9.9%
2	TQA	N 32° 14' 8.68" W 99° 49' 0.42" 10 E	L	Database	NO	0.620	Enabled	4.7%	4.7%
3	ABI	N 32° 28' 52.78" W 99° 51' 48.45" 10 E	H	Database	NO	0.562	Enabled	13.1%	13.1%
4	MQP	N 32° 43' 34.25" W 97° 59' 50.79" 09 E	H + ESV	User	NO	0.809	Enabled	63.8%	63.8%
5	BWD	N 31° 53' 33.30" W 98° 57' 26.86" 08 E	L	Database	NO	0.518	Enabled	27.5%	27.5%
6	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H + ESV	User	NO	0.603	Enabled	18.8%	18.8%
7	ACT	N 31° 39' 44.39" W 97° 16' 8.53" 09 E	H + ESV	User	NO	0.863	Enabled	30.8%	30.8%
8	JEN	N 32° 9' 34.52" W 97° 52' 39.65" 06 E	L + ESV	User	NO	0.848	Enabled	17.9%	17.9%
9	FUZ	N 32° 53' 22.02" W 97° 10' 45.93" 06 E	H	User	NO	0.518	Enabled	11.9%	11.9%
	Total Coverage							99.2%	99.2%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		SJT	TQA	ABI	MQP	BWD			
22.6		AGJ	TQA	ABI	MQP	BWD			
46.3		AGJ	ACT	MQP	BWD				
65.3		AGJ	JEN	ACT	MQP	BWD			
100.3		AGJ	JEN	ACT	MQP				
105.3		JEN	ACT	MQP					
114.3		FUZ	JEN	ACT	MQP	TTT			
122.1		FUZ	JEN	CVE	MQP	TTT			

DME/DME (Continued)			Return To Summary
<i>Inertial Drift Segments</i>			
#	Start Location	End Location	Length [NM]
1	N 32° 16' 48.25" W 99° 52' 25.61"	N 32° 16' 52.30" W 99° 51' 10.96"	1.1
VOR: ABI		Available from N 32° 16' 48.25" W 99° 52' 25.61" to N 32° 16' 52.30" W 99° 51' 10.96"	
VOR: TQA		Available from N 32° 16' 48.25" W 99° 52' 25.61" to N 32° 16' 52.30" W 99° 51' 10.96"	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
GEEKY	SNGGL_	SJT, AGJ, MQP, ABI, BWD, and TQA
SNGGL_	NNJUH_	ACT, AGJ, MQP, and BWD
NNJUH_	DARRB_	JEN, ACT, AGJ, MQP, and BWD
DARRB_	GRCIA_	JEN, ACT, AGJ, and MQP
GRCIA_	BOOVE	JEN, ACT, and MQP
BOOVE	ISABL	FUZ, JEN, ACT, MQP, and TTT
ISABL	SOCKK	CVE, FUZ, JEN, MQP, and TTT

User Data					Return To Summary		
User Data Files							
#	File Name						
1	SOCKK UDT.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TTT	N 32° 52' 8.98" W 97° 2' 25.81" 06 E	H	540.0	113.10	TTT	Not Used
		ESV:	Bearing [True]: 210.0° to 231.0° Bearing [Mag]: 204.0° to 225.0°		Arc Distance: Out to 100.0 NM Altitude: 9000.0 to 20000.0 Ft.		
2	MQP	N 32° 43' 34.25" W 97° 59' 50.79" 09 E	H	900.0	117.70	MQP	Used
		ESV:	Bearing [True]: 113.0° to 266.0° Bearing [Mag]: 104.0° to 257.0°		Arc Distance: Out to 98.0 NM Altitude: 6000.0 to 16000.0 Ft.		
3	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H	1190.8	112.50	AGJ	Used
		ESV:	Bearing [True]: 315.0° to 17.0° Bearing [Mag]: 310.0° to 12.0°		Arc Distance: Out to 100.0 NM Altitude: 8200.0 to 20000.0 Ft.		
4	SJT	N 31° 22' 29.83" W 100° 27' 17.55" 10 E	H	1890.0	115.10	SJT	Used
		ESV:	Bearing [True]: 22.0° to 45.0° Bearing [Mag]: 12.0° to 35.0°		Arc Distance: Out to 87.0 NM Altitude: 9900.0 to 18000.0 Ft.		
5	ACT	N 31° 39' 44.39" W 97° 16' 8.53" 09 E	H	510.0	115.30	ACT	Used
		ESV:	Bearing [True]: 7.0° to 29.0° Bearing [Mag]: 358.0° to 20.0°		Arc Distance: Out to 62.0 NM Altitude: 4000.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 5.0° to 33.0° Bearing [Mag]: 356.0° to 24.0°		Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 313.0° to 352.0° Bearing [Mag]: 304.0° to 343.0°		Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 287.0° to 340.0° Bearing [Mag]: 278.0° to 331.0°		Arc Distance: Out to 87.0 NM Altitude: 5000.0 to 16000.0 Ft.		
6	JEN	N 32° 9' 34.52" W 97° 52' 39.65" 06 E	L	1300.0	115.00	JEN	Used
		ESV:	Bearing [True]: 93.0° to 106.0° Bearing [Mag]: 87.0° to 100.0°		Arc Distance: Out to 50.0 NM Altitude: 5000.0 to 16000.0 Ft.		
7	FUZ	N 32° 53' 22.02" W 97° 10' 45.93" 06 E	H	637.4	115.70	FUZ	Used
8	CVE	N 32° 53' 25.13" W 96° 54' 14.27" 06 E	H	447.0	116.20	CVE	Not Used
		ESV:	Bearing [True]: 185.0° to 226.0° Bearing [Mag]: 179.0° to 220.0°		Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 16000.0 Ft.		

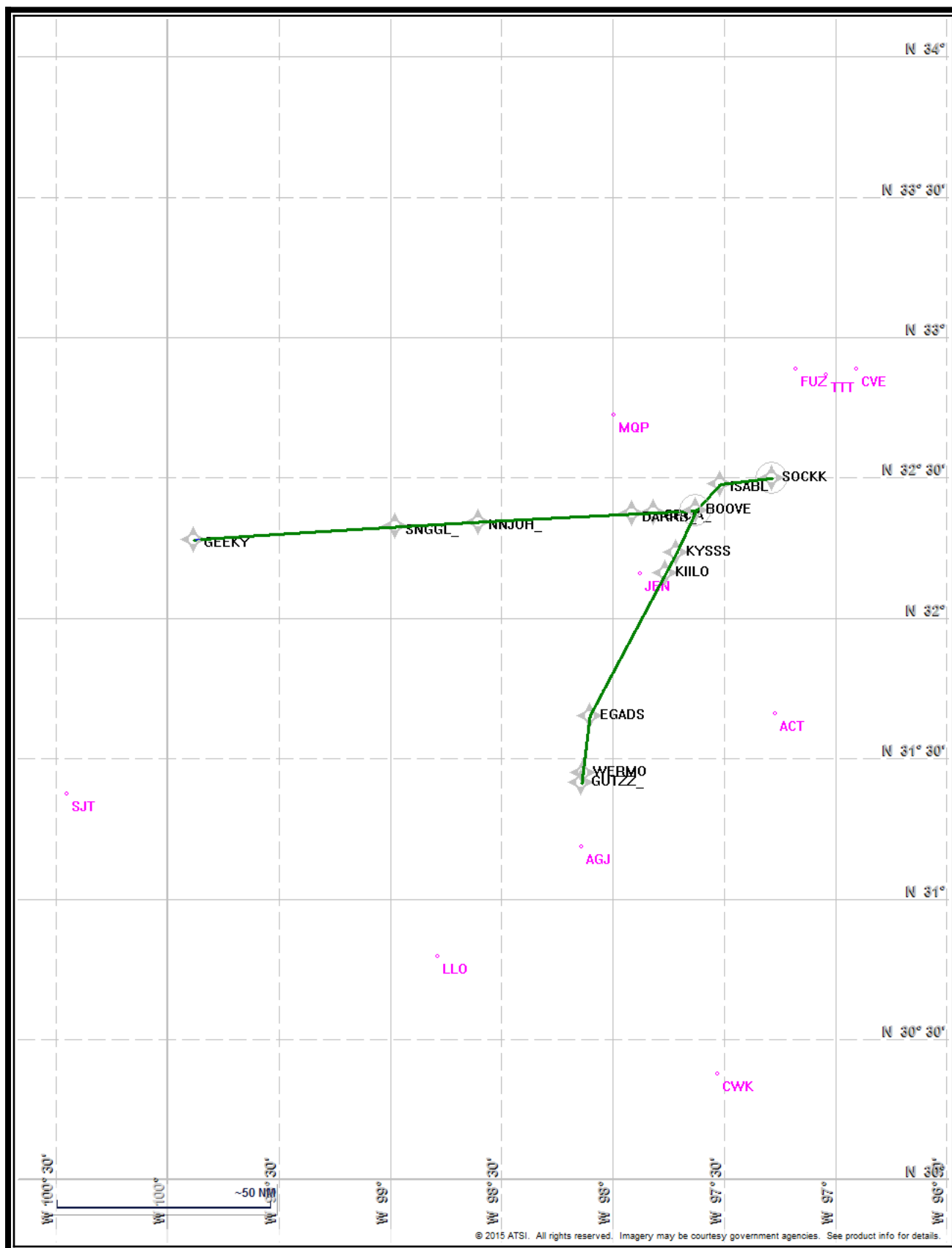
User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
9	BYP	N 33° 32' 14.95" W 96° 14' 2.74" 06 E	H	700.0	114.60	BYP	Not Used
		ESV:	Bearing [True]: 202.0° to 218.0° Bearing [Mag]: 196.0° to 212.0°		Arc Distance: Out to 117.0 NM Altitude: 8500.0 to 20000.0 Ft.		
10	LLO	N 30° 47' 46.83" W 98° 47' 14.60" 08 E	L	1206.6	108.20	LLO	Not Used
		ESV:	Bearing [True]: 25.0° to 60.0° Bearing [Mag]: 17.0° to 52.0°		Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 14500.0 Ft.		
11	CWK	N 30° 22' 42.78" W 97° 31' 47.45" 06 E	H	593.2	112.80	CWK	Not Used
		ESV:	Bearing [True]: 326.0° to 355.0° Bearing [Mag]: 320.0° to 349.0°		Arc Distance: Out to 100.0 NM Altitude: 9900.0 to 20000.0 Ft.		



Name: ALAN MABRY
Project Name: KDFW SOCKK3 STAR
Output File: KDFW SOCKK3 STAR
 GUTZZ_BOOVE
 20150819_1448
Procedure Name: SOCKK3
Software: RNAV-Pro™
Version: 2.38
Date/Time: 8/19/2015 2:49:12 PM
Input File: [KDFW SOCKK3 STAR
 GUTZZ_BOOVE
 20150819_1437.txt](#)
Databases: AIRNAV Date: 8/4/2015
 CIFP Date: 2/5/2015
 DTED® (MAX) Date: 2002

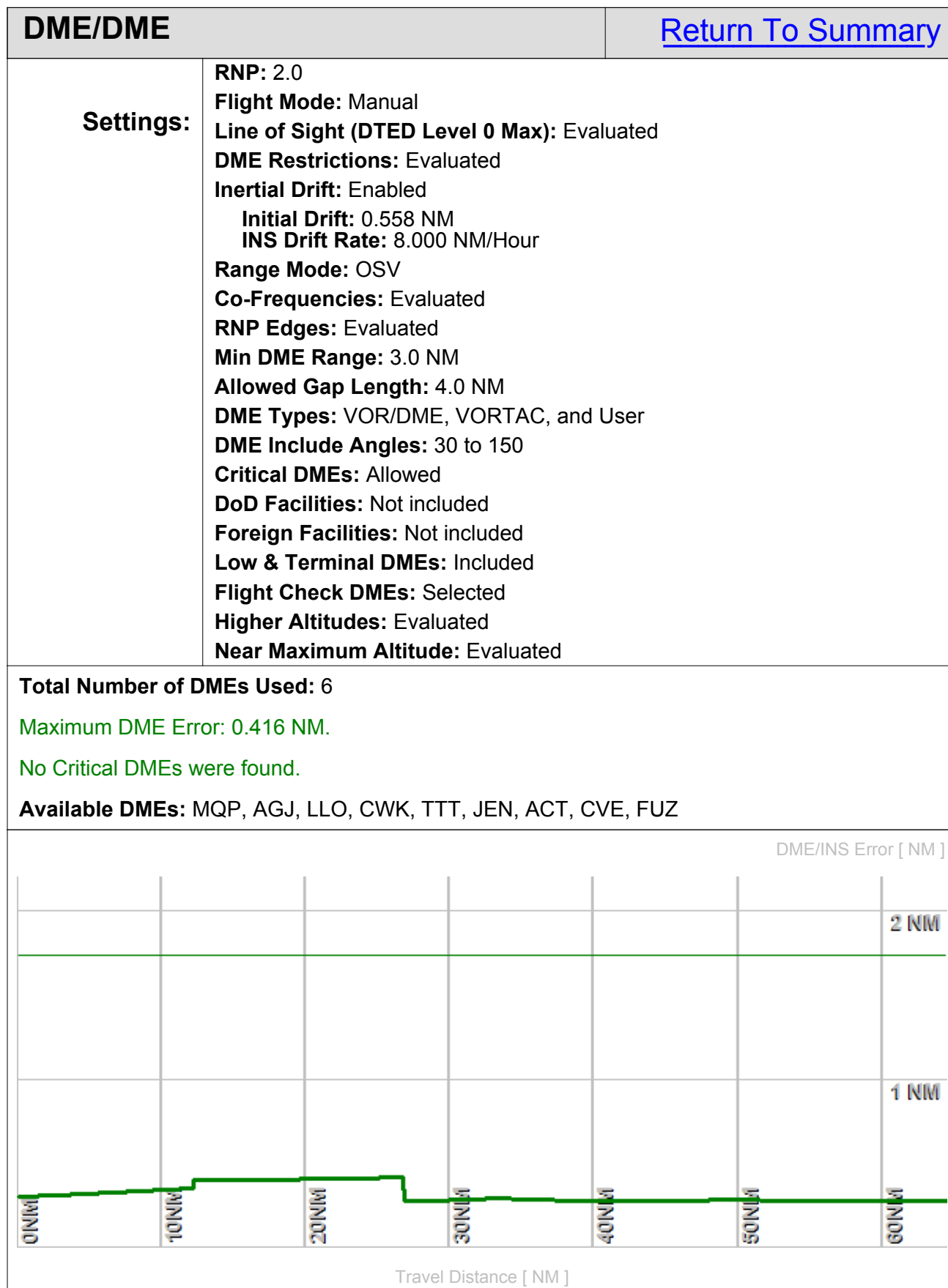
Results Summary:

Flyability	✓	Please Check Flyability Results
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
GUTZZ_	WP	N 31° 24' 44.83" W 98° 8' 20.43"	10000.0	Step	290.0	Fly By	TF
WERMO	WP	N 31° 26' 48.35" W 98° 8' 3.48"	10000.0	Step	290.0	Fly By	TF
EGADS	WP	N 31° 39' 6.58" W 98° 6' 10.94"	10000.0	Step	290.0	Fly By	TF
KIILLO	WP	N 32° 9' 33.36" W 97° 45' 44.52"	10000.0	Step	270.0	Fly By	TF
KYSSS	WP	N 32° 13' 54.16" W 97° 42' 50.19"	4000.0	Step	270.0	Fly By	TF
BOOVE	WP	N 32° 22' 57.36" W 97° 37' 29.42"	4000.0	Step	250.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type: Arrival	
	Selected Airport: KDFW	
	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	
Aircraft ALTITUDE at Fly-By WP KYSSS too high.		



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	LLO	N 30° 47' 46.83" W 98° 47' 14.60" 08 E	L + ESV	User	NO	0.638	Enabled	18.9%	18.9%
2	CWK	N 30° 22' 42.78" W 97° 31' 47.45" 06 E	H + ESV	User	NO	0.610	Enabled	41.5%	41.5%
3	TTT	N 32° 52' 8.98" W 97° 2' 25.81" 06 E	H + ESV	User	NO	0.847	Enabled	51.0%	51.0%
4	ACT	N 31° 39' 44.39" W 97° 16' 8.53" 09 E	H + ESV	User	NO	0.433	Enabled	40.8%	40.8%
5	JEN	N 32° 9' 34.52" W 97° 52' 39.65" 06 E	L + ESV	User	NO	0.758	Enabled	30.1%	30.1%
6	MQP	N 32° 43' 34.25" W 97° 59' 50.79" 09 E	H + ESV	User	NO	0.416	Enabled	17.7%	17.7%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		CWK	LLO	MQP	AGJ				
2.0		CWK	LLO	MQP	AGJ	TTT		JEN	
13.9		CWK	ACT	MQP	JEN	TTT		CVE	
39.3		ACT	MQP	JEN	TTT				
49.4		ACT	MQP	JEN	TTT				
54.3		ACT	MQP	JEN	FUZ				

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
GUTZZ_	WERMO	CWK, LLO, AGJ, and MQP
WERMO	EGADS	CWK, LLO, AGJ, MQP, TTT, and JEN*
EGADS	KIILLO	CWK, JEN, ACT, MQP, TTT, LLO*, CVE*, and AGJ*
KIILLO	KYSSS	JEN, ACT, MQP, and TTT
KYSSS	BOOVE	FUZ, JEN, ACT, and MQP

User Data					Return To Summary		
User Data Files							
#	File Name						
1	SOCKK UDT.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	TTT	N 32° 52' 8.98" W 97° 2' 25.81" 06 E	H	540.0	113.10	TTT	Used
		ESV:	Bearing [True]: 210.0° to 231.0° Bearing [Mag]: 204.0° to 225.0°		Arc Distance: Out to 100.0 NM Altitude: 9000.0 to 20000.0 Ft.		
2	MQP	N 32° 43' 34.25" W 97° 59' 50.79" 09 E	H	900.0	117.70	MQP	Used
		ESV:	Bearing [True]: 113.0° to 266.0° Bearing [Mag]: 104.0° to 257.0°		Arc Distance: Out to 98.0 NM Altitude: 6000.0 to 16000.0 Ft.		
3	AGJ	N 31° 11' 7.82" W 98° 8' 30.69" 05 E	H	1190.8	112.50	AGJ	Not Used
		ESV:	Bearing [True]: 315.0° to 17.0° Bearing [Mag]: 310.0° to 12.0°		Arc Distance: Out to 100.0 NM Altitude: 8200.0 to 20000.0 Ft.		
4	SJT	N 31° 22' 29.83" W 100° 27' 17.55" 10 E	H	1890.0	115.10	SJT	Not Used
		ESV:	Bearing [True]: 22.0° to 45.0° Bearing [Mag]: 12.0° to 35.0°		Arc Distance: Out to 87.0 NM Altitude: 9900.0 to 18000.0 Ft.		
5	ACT	N 31° 39' 44.39" W 97° 16' 8.53" 09 E	H	510.0	115.30	ACT	Used
		ESV:	Bearing [True]: 7.0° to 29.0° Bearing [Mag]: 358.0° to 20.0°		Arc Distance: Out to 62.0 NM Altitude: 4000.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 5.0° to 33.0° Bearing [Mag]: 356.0° to 24.0°		Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 313.0° to 352.0° Bearing [Mag]: 304.0° to 343.0°		Arc Distance: Out to 53.0 NM Altitude: 3000.0 to 16000.0 Ft.		
		ESV:	Bearing [True]: 287.0° to 340.0° Bearing [Mag]: 278.0° to 331.0°		Arc Distance: Out to 87.0 NM Altitude: 5000.0 to 16000.0 Ft.		
6	JEN	N 32° 9' 34.52" W 97° 52' 39.65" 06 E	L	1300.0	115.00	JEN	Used
		ESV:	Bearing [True]: 93.0° to 106.0° Bearing [Mag]: 87.0° to 100.0°		Arc Distance: Out to 50.0 NM Altitude: 5000.0 to 16000.0 Ft.		
7	FUZ	N 32° 53' 22.02" W 97° 10' 45.93" 06 E	H	637.4	115.70	FUZ	Not Used
8	CVE	N 32° 53' 25.13" W 96° 54' 14.27" 06 E	H	447.0	116.20	CVE	Not Used
		ESV:	Bearing [True]: 185.0° to 226.0° Bearing [Mag]: 179.0° to 220.0°		Arc Distance: Out to 80.0 NM Altitude: 5000.0 to 16000.0 Ft.		

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
9	BYP	N 33° 32' 14.95" W 96° 14' 2.74" 06 E	H	700.0	114.60	BYP	Not Used
		ESV:	Bearing [True]: 202.0° to 218.0° Bearing [Mag]: 196.0° to 212.0°		Arc Distance: Out to 117.0 NM Altitude: 8500.0 to 20000.0 Ft.		
10	LLO	N 30° 47' 46.83" W 98° 47' 14.60" 08 E	L	1206.6	108.20	LLO	Used
		ESV:	Bearing [True]: 25.0° to 60.0° Bearing [Mag]: 17.0° to 52.0°		Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 14500.0 Ft.		
11	CWK	N 30° 22' 42.78" W 97° 31' 47.45" 06 E	H	593.2	112.80	CWK	Used
		ESV:	Bearing [True]: 326.0° to 355.0° Bearing [Mag]: 320.0° to 349.0°		Arc Distance: Out to 100.0 NM Altitude: 9900.0 to 20000.0 Ft.		