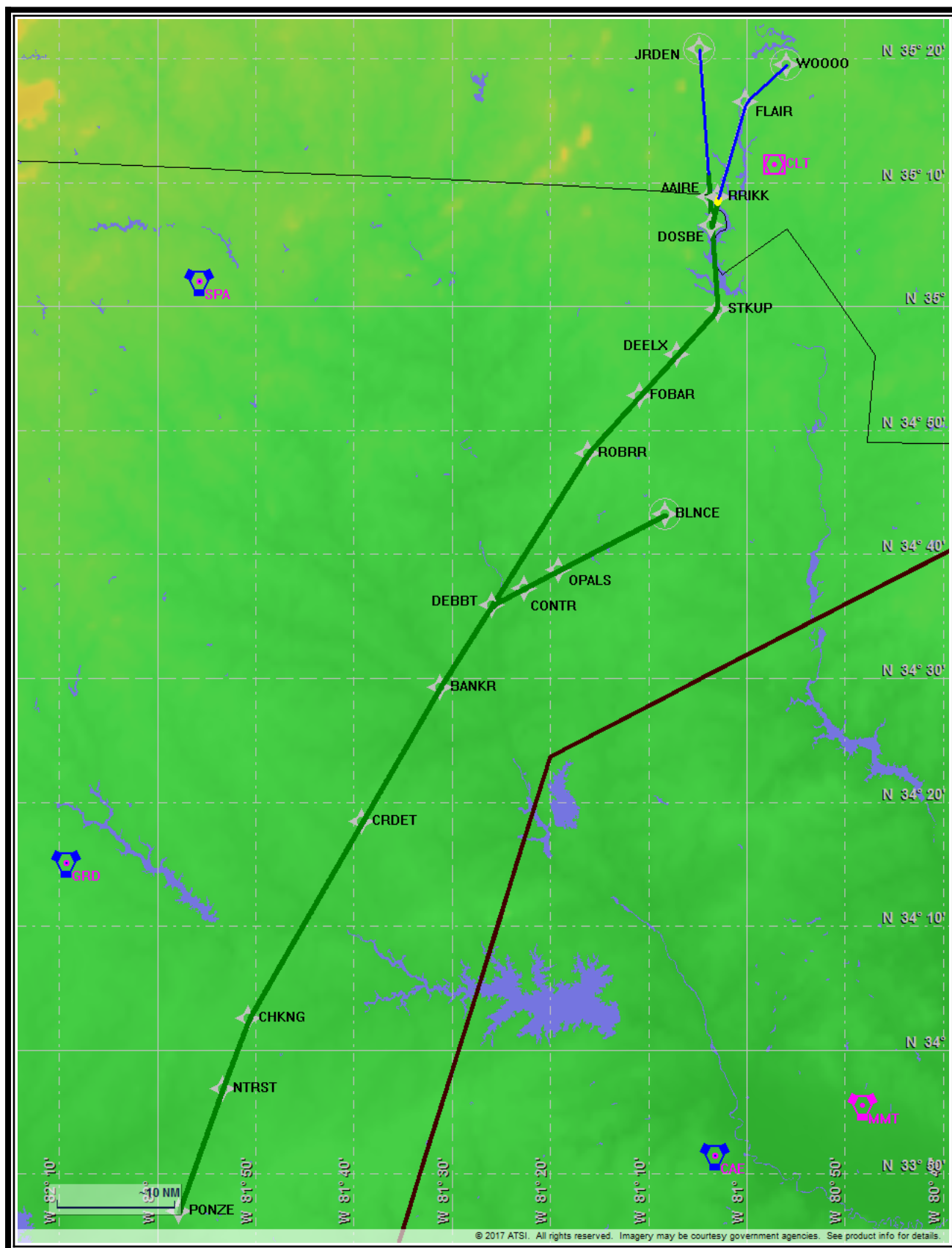


Name: MARK SCHOENHOFF
Project Name: KCLT BANKR2 STAR
Output File: KCLT BANKR2 STAR
 BANKR JRDEN
 20170209_1110
Procedure Name: BANKR2
Software: RNAV-Pro™
Version: 2.39g
Date/Time: 2/9/2017 11:12:10 AM
Input File: [KCLT BANKR2 STAR
 BANKR JRDEN
 20170209_1053.txt](#)
Databases: AIRNAV Date: 2/8/2017
 CIFP Date: 8/18/2016
 DTED® (MAX) Date: 2002

Results Summary:

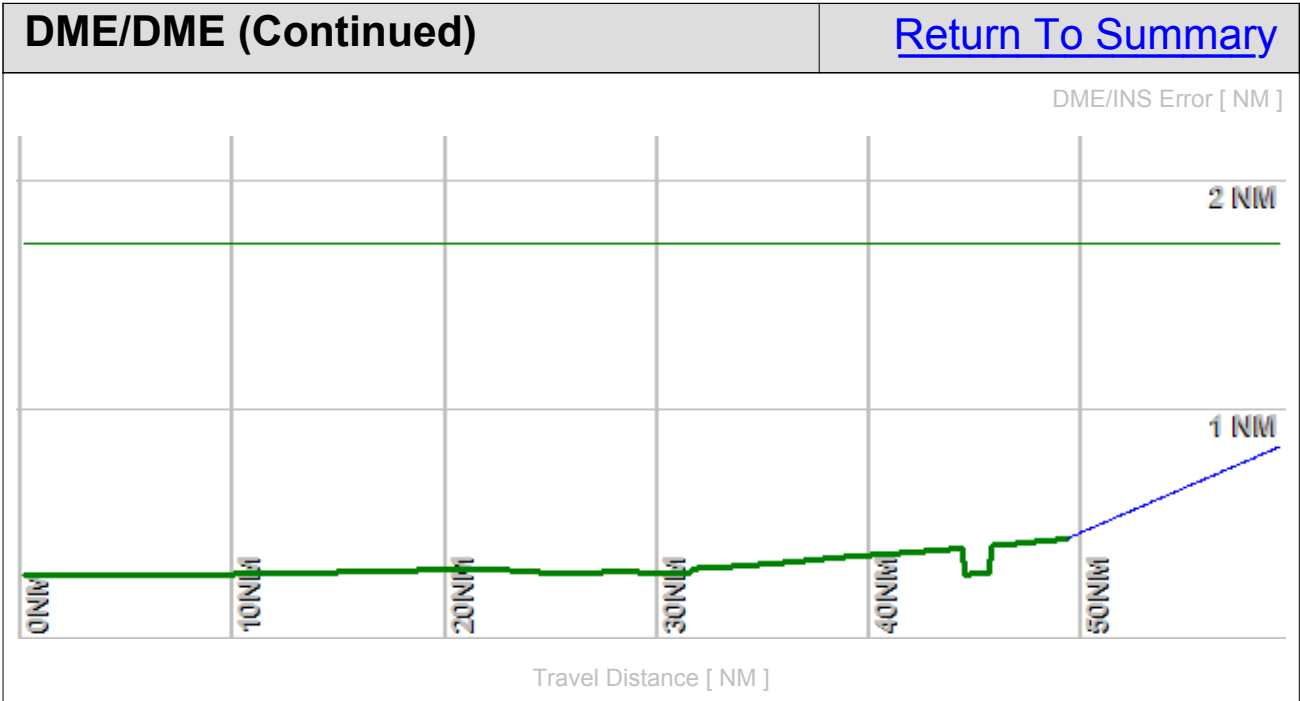
Flyability	✓	
DME/DME	✓	No Critical DMEs Exist
Radars	?	
Comms	?	
TERPS	?	



Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
BANKR	WP	N 34° 29' 14.56" W 81° 31' 10.42"	11000.0	Step	270.0	Fly By	TF
DEBBT	WP	N 34° 35' 50.16" W 81° 25' 55.16"	10000.0	Step	250.0	Fly By	TF
ROBRR	WP	N 34° 48' 6.11" W 81° 16' 8.77"	6000.0	Step	250.0	Fly By	TF
FOBAR	WP	N 34° 52' 45.93" W 81° 10' 50.64"	5000.0	Step	250.0	Fly By	TF
DEELX	WP	N 34° 56' 3.12" W 81° 7' 5.98"	5000.0	Step	250.0	Fly By	TF
STKUP	WP	N 34° 59' 42.02" W 81° 2' 56.12"	5000.0	Step	210.0	Fly By	TF
DOSBE	WP	N 35° 6' 28.09" W 81° 3' 32.01"	5000.0	Step	180.0	Fly By	TF
AAIRE	WP	N 35° 8' 46.57" W 81° 3' 44.33"	5000.0	Step	180.0	Fly By	TF
JRDEN	WP	N 35° 20' 45.79" W 81° 4' 48.30"	3000.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type: Arrival	
	Selected Airport: KCLT	
	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		

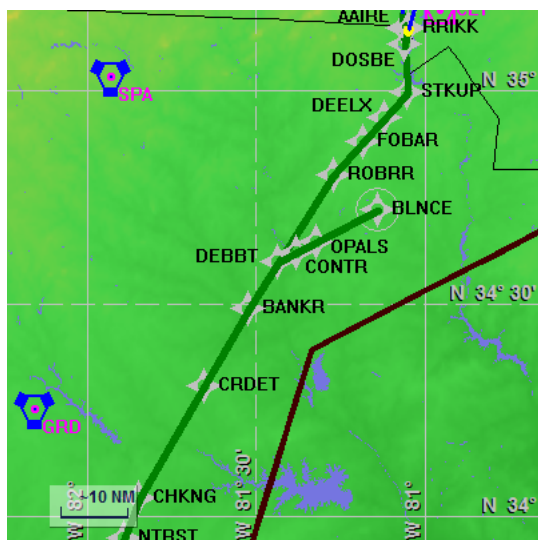
DME/DME		Return To Summary
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max): Evaluated	
	DME Restrictions: Evaluated	
	Inertial Drift: Enabled	
	Initial Drift: 0.558 NM	
	INS Drift Rate: 8.000 NM/Hour	
	Range Mode: OSV	
	Co-Frequencies: Evaluated	
	RNP Edges: Evaluated	
	Min 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: 6		
Maximum DME Error: 0.842 NM.		
No Critical DMEs were found.		
Available DMEs: GRD, CAE, SPA, BZM, CTF, CLT		



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	GRD	N 34° 15' 5.64" W 82° 9' 14.94" 01 W	H + ESV	User	NO	1.080	Enabled	34.9%	35.0%
2	CAE	N 33° 51' 26.10" W 81° 3' 14.05" 02 W	H + ESV	User	NO	0.842	Enabled	34.9%	35.0%
3	BZM	N 35° 52' 7.87" W 81° 14' 25.90" 06 W	L + ESV	User	NO	0.893	Enabled	45.9%	45.8%
4	SPA	N 35° 2' 1.05" W 81° 55' 37.24" 02 W	H + ESV	User	NO	0.842	Enabled	12.4%	12.3%
5	CTF	N 34° 39' 1.79" W 80° 16' 29.70" 03 W	L + ESV	User	NO	0.866	Enabled	35.7%	35.6%
6	CLT	N 35° 11' 25.70" W 80° 57' 7.18" 05 W	L	Database	NO	0.842	Enabled	2.2%	2.2%
	Total Coverage							83.0%	83.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		CAE	GRD	SPA					
7.9		CAE	GRD	SPA	BZM				
22.2		CAE	CTF	SPA	BZM				
28.9		CAE	CTF	SPA	BZM				
33.4		BZM	CTF						
37.6		BZM	CTF	CLT					
45.1		BZM	CTF	CLT					
47.4		BZM	CTF	CLT					
Inertial Drift Segments									
#	Start Location			End Location				Length [NM]	

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
BANKR	DEBBT	SPA, CAE, and GRD
DEBBT	ROBRR	SPA, CAE, GRD, and BZM
ROBRR	FOBAR	SPA, CTF, CAE, and BZM
FOBAR	DEELX	SPA, CTF, CAE, and BZM
DEELX	STKUP	CTF and BZM
STKUP	DOSBE	CTF, BZM, and CLT
DOSBE	AAIRE	CTF, BZM, and CLT
AAIRE	JRDEN	CTF, BZM, and CLT

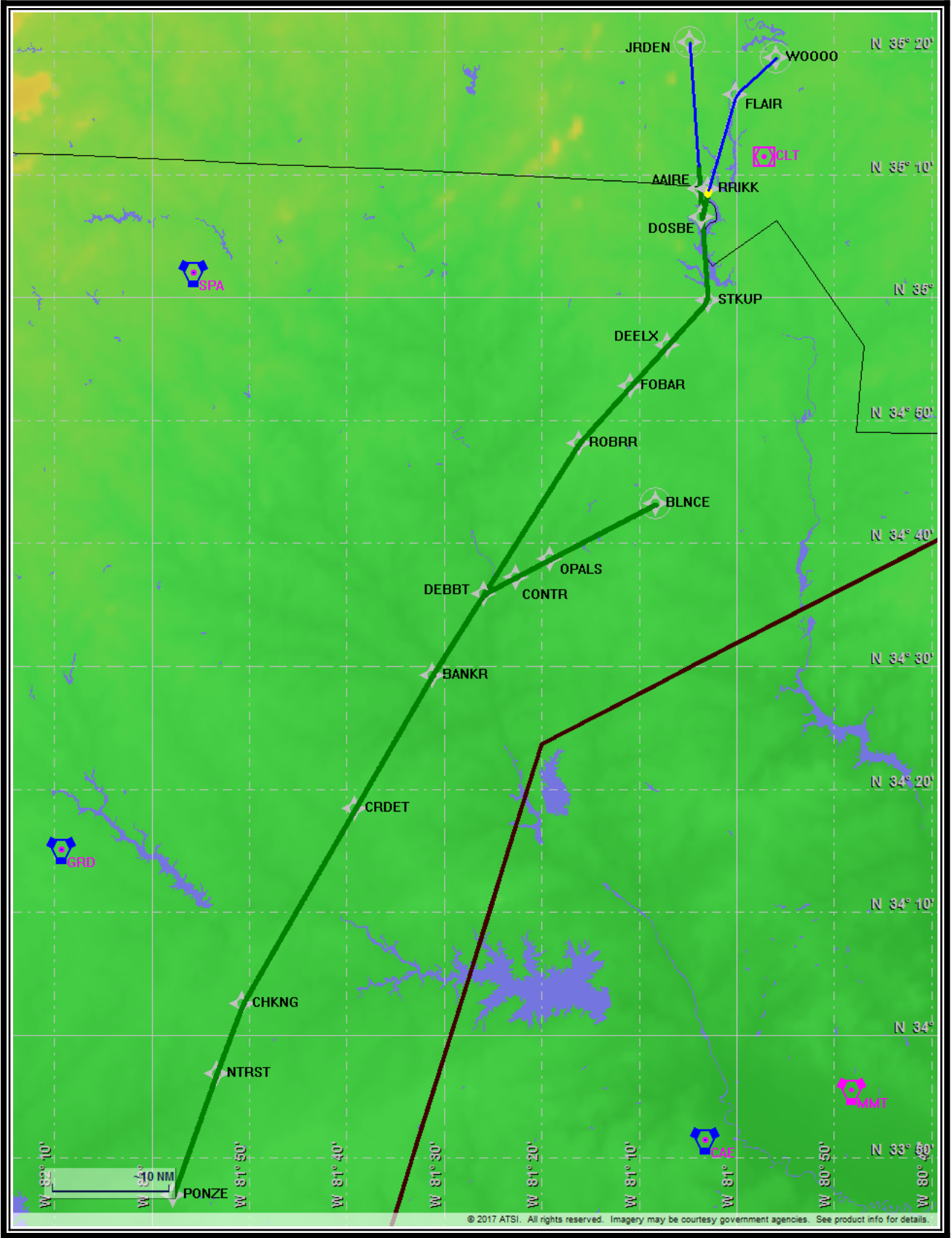
User Data					Return To Summary		
User Data Files							
#	File Name						
1	KCLT BANKR STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	BZM	N 35° 52' 7.87" W 81° 14' 25.90" 06 W	L	1880.0	110.80	BZM	Used
		ESV:	Bearing [True]: 160.0° to 231.0° Bearing [Mag]: 166.0° to 237.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	GRD	N 34° 15' 5.64" W 82° 9' 14.94" 01 W	H	630.0	115.50	GRD	Used
		ESV:	Bearing [True]: 49.0° to 77.0° Bearing [Mag]: 50.0° to 78.0°		Arc Distance: Out to 77.0 NM Altitude: 4000.0 to 18000.0 ft		
3	CAE	N 33° 51' 26.10" W 81° 3' 14.05" 02 W	H	404.1	114.70	CAE	Used
		ESV:	Bearing [True]: 217.0° to 50.0° Bearing [Mag]: 219.0° to 52.0°		Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 18000.0 ft		
4	CTF	N 34° 39' 1.79" W 80° 16' 29.70" 03 W	L	597.5	108.20	CTF	Used
		ESV:	Bearing [True]: 280.0° to 320.0° Bearing [Mag]: 283.0° to 323.0°		Arc Distance: Out to 62.0 NM Altitude: 4000.0 to 18000.0 ft		
5	SPA	N 35° 2' 1.05" W 81° 55' 37.24" 02 W	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]: 90.0° to 145.0° Bearing [Mag]: 92.0° to 147.0°		Arc Distance: Out to 75.0 NM Altitude: 4000.0 to 16000.0 ft		



Name: MARK SCHOENHOFF
Project Name: KCLT BANKR2 STAR
Output File: KCLT BANKR2 STAR
 DOSBE WOOOO
 20170209_1110
Procedure Name: BANKR2
Software: RNAV-Pro™
Version: 2.39g
Date/Time: 2/9/2017 11:14:44 AM
Input File: [KCLT BANKR2 STAR
 DOSBE WOOOO
 20170209_1057.txt](#)
Databases: AIRNAV Date: 2/8/2017
 CIFP Date: 8/18/2016
 DTED® (MAX) Date: 2002

Results Summary:

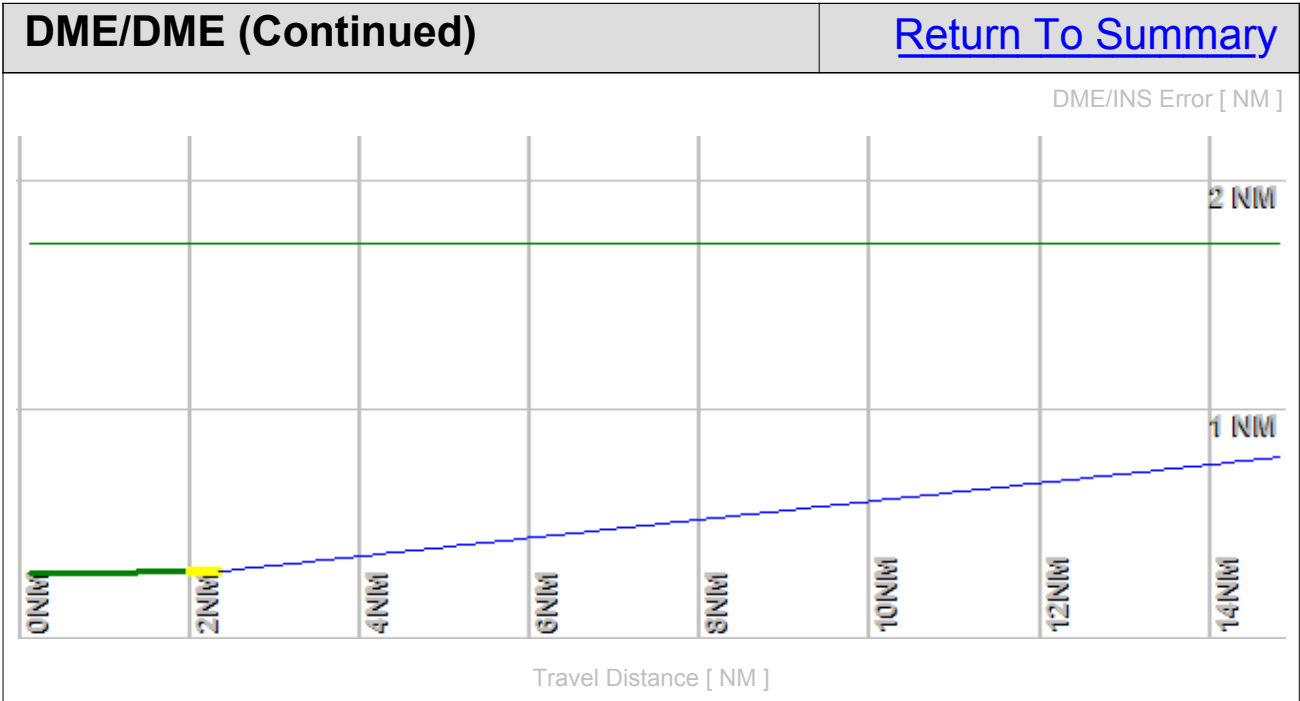
Flyability	✓	
DME/DME	✓	No Critical DMEs Exist
Radars	?	
Comms	?	
TERPS	?	



Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
DOSBE	WP	N 35° 6' 28.09" W 81° 3' 32.01"	5000.0	Step	180.0	Fly By	TF
RRIKK	WP	N 35° 8' 46.52" W 81° 2' 51.32"	4000.0	Step	180.0	Fly By	TF
FLAIR	WP	N 35° 16' 27.21" W 81° 0' 3.34"	3000.0	Step	180.0	Fly By	TF
WOOOO	WP	N 35° 19' 27.51" W 80° 55' 54.62"	2100.0	Step	180.0	Fly Over	TF

Flyability		Return To Summary
Settings:	<div>Flight Type: Arrival</div> <div>Selected Airport: KCLT</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	

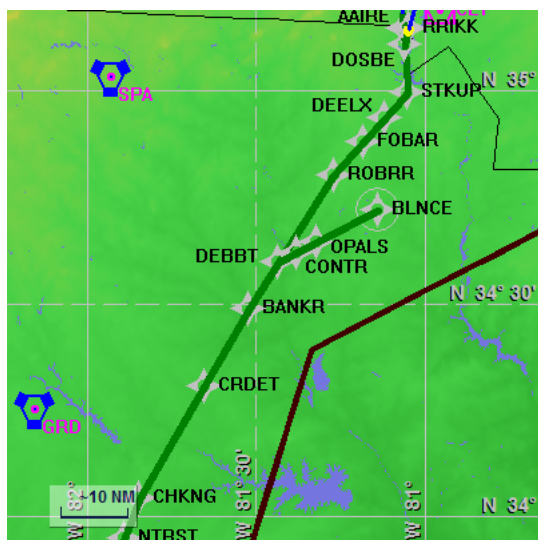
DME/DME		Return To Summary
Settings:	RNP: 2.0	
	Flight Mode: Manual	
	Line of Sight (DTED Level 0 Max): Evaluated	
	DME Restrictions: Evaluated	
	Inertial Drift: Enabled	
	Initial Drift: 0.558 NM	
	INS Drift Rate: 8.000 NM/Hour	
	Range Mode: OSV	
	Co-Frequencies: Evaluated	
	RNP Edges: Evaluated	
	Min 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: 3		
Maximum DME Error: 0.795 NM.		
No Critical DMEs were found.		
Available DMEs: BZM, CTF, CLT		



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	CTF	N 34° 39' 1.79" W 80° 16' 29.70" 03 W	L + ESV	User	NO	1.151	Enabled	13.1%	13.1%
2	CLT	N 35° 11' 25.70" W 80° 57' 7.18" 05 W	L	Database	NO	0.934	Enabled	15.4%	15.4%
3	BZM	N 35° 52' 7.87" W 81° 14' 25.90" 06 W	L + ESV	User	NO	0.804	Enabled	2.2%	2.2%
	Total Coverage							15.4%	15.4%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		CTF	CLT	BZM					
2.2		CTF	CLT	BZM					
9.8		CLT							
Inertial Drift Segments									
#	Start Location			End Location			Length [NM]		
1	N 35° 8' 44.54" W 81° 2' 51.82"			N 35° 19' 25.96" W 80° 55' 56.78"			12.5		
VOR: CLT				Available from N 35° 8' 44.54" W 81° 2' 51.82" to N 35° 19' 25.96" W 80° 55' 56.78"					
VOR: HKY				Available from N 35° 8' 44.54" W 81° 2' 51.82" to N 35° 19' 25.96" W 80° 55' 56.78"					
VOR: CLT				Available from N 35° 8' 44.54" W 81° 2' 51.82" to N 35° 19' 25.96" W 80° 55' 56.78"					
VOR: BZM				Available from N 35° 13' 35.59" W 81° 1' 6.05" to N 35° 19' 25.96" W 80° 55' 56.78"					

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
DOSBE	RRIKK	CTF, BZM, and CLT
RRIKK	FLAIR	CTF, BZM, and CLT
FLAIR	WOOOO	CLT

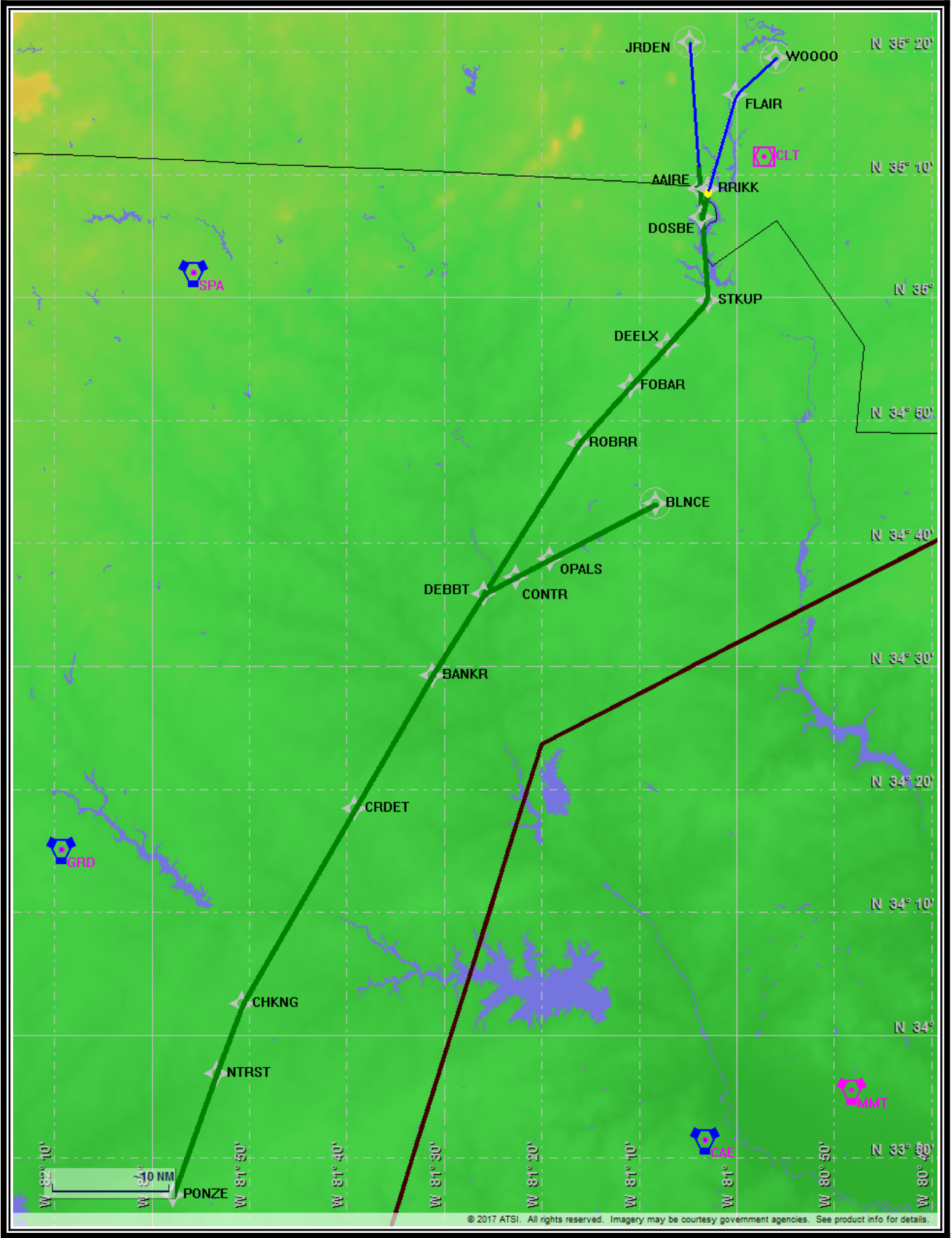
User Data					Return To Summary		
User Data Files							
#	File Name						
1	KCLT BANKR STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	BZM	N 35° 52' 7.87" W 81° 14' 25.90" 06 W	L	1880.0	110.80	BZM	Used
		ESV:	Bearing [True]: 160.0° to 231.0° Bearing [Mag]: 166.0° to 237.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	GRD	N 34° 15' 5.64" W 82° 9' 14.94" 01 W	H	630.0	115.50	GRD	Not Used
		ESV:	Bearing [True]: 49.0° to 77.0° Bearing [Mag]: 50.0° to 78.0°		Arc Distance: Out to 77.0 NM Altitude: 4000.0 to 18000.0 ft		
3	CAE	N 33° 51' 26.10" W 81° 3' 14.05" 02 W	H	404.1	114.70	CAE	Not Used
		ESV:	Bearing [True]: 217.0° to 50.0° Bearing [Mag]: 219.0° to 52.0°		Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 18000.0 ft		
4	CTF	N 34° 39' 1.79" W 80° 16' 29.70" 03 W	L	597.5	108.20	CTF	Used
		ESV:	Bearing [True]: 280.0° to 320.0° Bearing [Mag]: 283.0° to 323.0°		Arc Distance: Out to 62.0 NM Altitude: 4000.0 to 18000.0 ft		
5	SPA	N 35° 2' 1.05" W 81° 55' 37.24" 02 W	H	935.4	115.70	SPA	Not 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]: 90.0° to 145.0° Bearing [Mag]: 92.0° to 147.0°		Arc Distance: Out to 75.0 NM Altitude: 4000.0 to 16000.0 ft		



Name: MARK SCHOENHOFF
Project Name: KCLT BANKR2 STAR
Output File: KCLT BANKR2 STAR
 PONZE BLNCE
 20170209_1110
Procedure Name: BANKR2
Software: RNAV-Pro™
Version: 2.39g
Date/Time: 2/9/2017 11:15:44 AM
Input File: [KCLT BANKR2 STAR
 PONZE BLNCE
 20170209_1058.txt](#)
Databases: AIRNAV Date: 2/8/2017
 CIFP Date: 8/18/2016
 DTED® (MAX) Date: 2002

Results Summary:

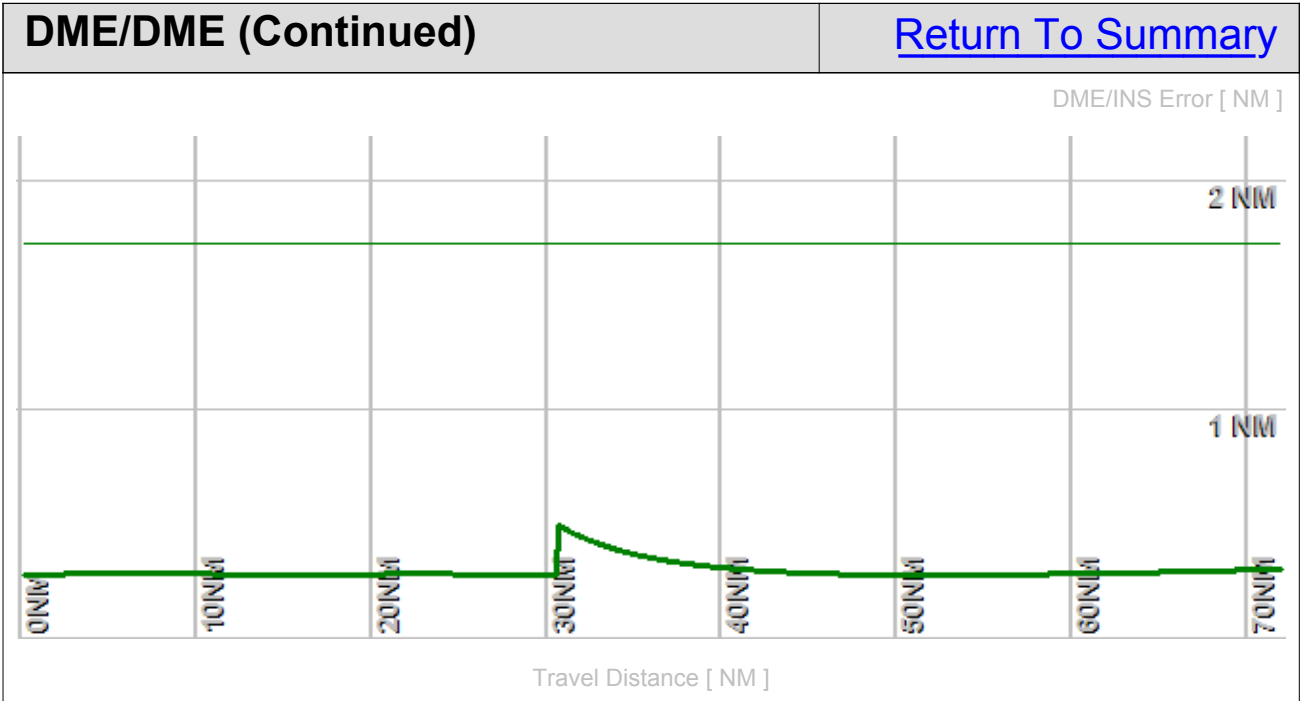
Flyability	✓	
DME/DME	✓	No Critical DMEs Exist
Radars	?	
Comms	?	
TERPS	?	



Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
PONZE	WP	N 33° 46' 54.76" W 81° 57' 45.93"	11000.0	Step	280.0	Fly By	TF
NTRST	WP	N 33° 56' 51.21" W 81° 53' 18.78"	11000.0	Step	270.0	Fly By	TF
CHKNG	WP	N 34° 2' 28.02" W 81° 50' 38.74"	11000.0	Step	270.0	Fly By	TF
CRDET	WP	N 34° 18' 22.51" W 81° 39' 6.45"	11000.0	Step	270.0	Fly By	TF
BANKR	WP	N 34° 29' 14.56" W 81° 31' 10.42"	11000.0	Step	270.0	Fly By	TF
DEBBT	WP	N 34° 35' 50.16" W 81° 25' 55.16"	10000.0	Step	250.0	Fly By	TF
CONTR	WP	N 34° 37' 13.00" W 81° 22' 38.63"	9400.0	Step	210.0	Fly By	TF
OPALS	WP	N 34° 38' 39.88" W 81° 19' 9.23"	7500.0	Step	210.0	Fly By	TF
BLNCE	WP	N 34° 43' 9.50" W 81° 8' 17.57"	6000.0	Step	210.0	Fly Over	TF

Flyability		Return To Summary
Settings:	<div>Flight Type: Arrival</div> <div>Selected Airport: KCLT</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		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: 3		
Maximum DME Error: 0.500 NM.		
No Critical DMEs were found.		
Available DMEs: GRD, CAE, IRQ, SPA		



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	GRD	N 34° 15' 5.64" W 82° 9' 14.94" 01 W	H + ESV	User	NO	1.337	Enabled	89.0%	88.3%
2	IRQ	N 33° 42' 26.47" W 82° 9' 43.43" 04 W	H	Database	NO	1.054	Enabled	39.9%	42.5%
3	CAE	N 33° 51' 26.10" W 81° 3' 14.05" 02 W	H + ESV	User	NO	0.938	Enabled	71.0%	69.2%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		GRD	IRQ	CAE					
10.5		GRD	IRQ	CAE					
16.1		GRD	IRQ	CAE					
35.1		GRD	CAE						
47.7		GRD	CAE	SPA					
55.1		GRD	CAE	SPA					
58.7		GRD	CAE	SPA					
62.0		GRD	CAE	SPA					

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
PONZE	NTRST	CAE, GRD, and IRQ
NTRST	CHKNG	CAE, GRD, and IRQ
CHKNG	CRDET	CAE, GRD, and IRQ
CRDET	BANKR	CAE and GRD
BANKR	DEBBT	SPA, CAE, and GRD
DEBBT	CONTR	SPA, CAE, and GRD
CONTR	OPALS	SPA, CAE, and GRD
OPALS	BLNCE	SPA, CAE, and GRD

User Data					Return To Summary		
User Data Files							
#	File Name						
1	KCLT BANKR STAR.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	BZM	N 35° 52' 7.87" W 81° 14' 25.90" 06 W	L	1880.0	110.80	BZM	Not Used
		ESV:	Bearing [True]: 160.0° to 231.0° Bearing [Mag]: 166.0° to 237.0°		Arc Distance: Out to 70.0 NM Altitude: 4000.0 to 16000.0 ft		
2	GRD	N 34° 15' 5.64" W 82° 9' 14.94" 01 W	H	630.0	115.50	GRD	Used
		ESV:	Bearing [True]: 49.0° to 77.0° Bearing [Mag]: 50.0° to 78.0°		Arc Distance: Out to 77.0 NM Altitude: 4000.0 to 18000.0 ft		
3	CAE	N 33° 51' 26.10" W 81° 3' 14.05" 02 W	H	404.1	114.70	CAE	Used
		ESV:	Bearing [True]: 217.0° to 50.0° Bearing [Mag]: 219.0° to 52.0°		Arc Distance: Out to 65.0 NM Altitude: 4000.0 to 18000.0 ft		
4	CTF	N 34° 39' 1.79" W 80° 16' 29.70" 03 W	L	597.5	108.20	CTF	Not Used
		ESV:	Bearing [True]: 280.0° to 320.0° Bearing [Mag]: 283.0° to 323.0°		Arc Distance: Out to 62.0 NM Altitude: 4000.0 to 18000.0 ft		
5	SPA	N 35° 2' 1.05" W 81° 55' 37.24" 02 W	H	935.4	115.70	SPA	Not 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]: 90.0° to 145.0° Bearing [Mag]: 92.0° to 147.0°		Arc Distance: Out to 75.0 NM Altitude: 4000.0 to 16000.0 ft		