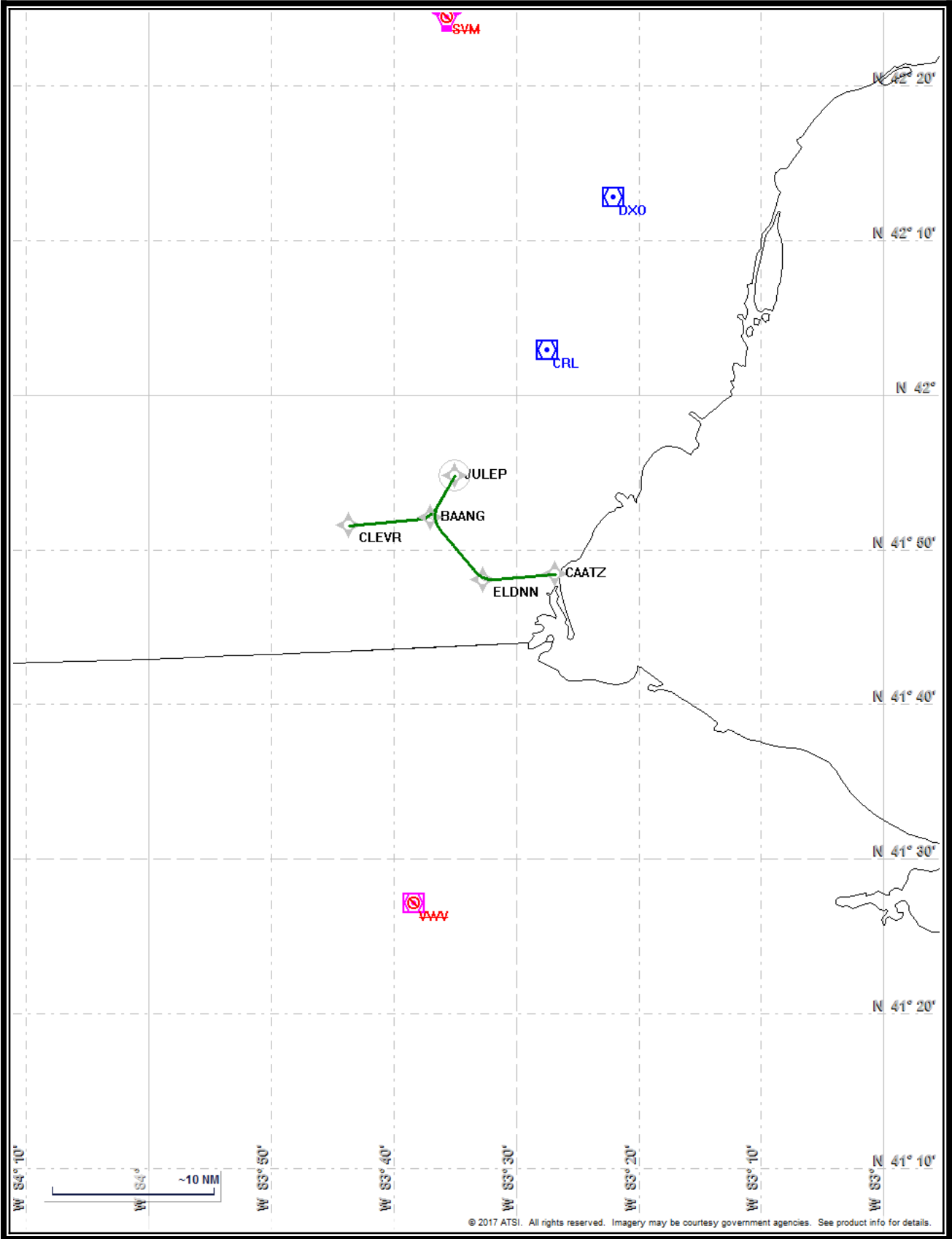


Name: PAUL JACKSON
Project Name: DTW RNAV Transitions
Output File: KDTW ILS or LOC RWY 04R AMDT 19 APPROACH CAATZ JULEP 20170705_1545
Procedure Name: ILS or LOC RWY 04R AMDT 19
Software: RNAV-Pro™
Version: 2.39
Date/Time: 7/5/2017 3:46:51 PM
Input File: [KDTW ILS or LOC RWY 04R CAATZ_MOVE JULEP 20170524_1012.txt](#)
Databases: AIRNAV Date: 6/26/2017
 CIFP Date: 8/18/2016
 DTED® (MAX) Date: 2002

Results Summary:

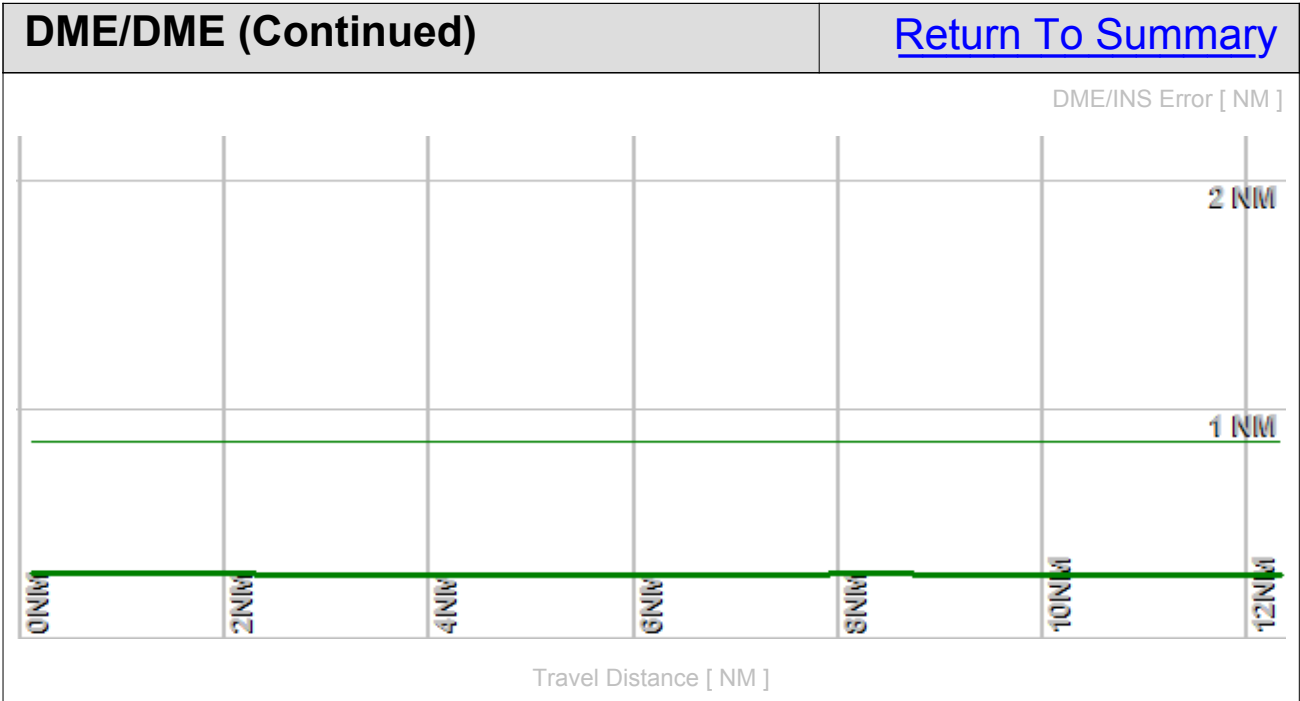
Flyability	✓	
DME/DME	✓	No Critical DMEs Exist
Radars	?	
Comms	?	
TERPS	?	



Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
CAATZ	WP	N 41° 48' 24.82" W 83° 26' 45.92"	8000.0	Step	210.0	Fly By	TF
ELDNN	WP	N 41° 48' 0.83" W 83° 32' 41.10"	8000.0	VNAV	210.0	Fly By	TF
BAANG	WP	N 41° 52' 1.99" W 83° 36' 59.29"	7000.0	VNAV	210.0	Fly By	TF
JULEP	WP	N 41° 54' 47.39" W 83° 34' 58.89"	6000.0	VNAV	210.0	Fly Over	TF

Flyability		Return To Summary
Settings:	<div>Flight Type: Selected Airport: KDTW 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</div>	
	Entire track is fly-able	

DME/DME	Return To Summary
Settings:	<p>RNP: 1.0 NM within 30 NM - 2.0 NM Beyond 30 NM</p> <p>Flight Mode: Flight Director within 30 NM - Manual Beyond 30 NM</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: 4</p> <p>Maximum DME Error: 0.291 NM.</p> <p>No Critical DMEs were found.</p> <p>Available DMEs: DJB, JXN, CRL, DXO</p> <p>Disabled DMEs: AZO, ELX, FBC, LAN, LFD, MOP, PMM, SVM, VWV, BFD, HRK, BTL, TVT, BQM, DKK, ELZ, GRV, ITH, MMJ, AGC, BUF, CIP, CKB, CVG, ECB, ERI, ETG, FLM, HNN, IHD, REC, SFK, SLT, TDT, ULW, YRK, BKW, ESL, FQM, and LWB</p> <p>Foreign DMEs within range: YEE, YQG, YQO, YVV, YWT, YXU, YYZ</p>	



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	DJB	N 41° 21' 29.03" W 82° 9' 43.09" 05 W	H + ESV	User	NO	0.303	Enabled	70.7%	70.7%
2	DXO	N 42° 12' 47.29" W 83° 21' 59.99" 06 W	H	Database	NO	0.312	Enabled	83.3%	83.3%
3	CRL	N 42° 2' 52.90" W 83° 27' 27.30" 03 W	H	Database	NO	0.291	Enabled	16.7%	16.7%
4	JXN	N 42° 15' 33.27" W 84° 27' 30.77" 05 W	L + ESV	User	NO	0.334	Enabled	29.3%	29.3%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		DJB	DXO	JXN	CRL				
3.6		DJB	DXO	JXN	CRL				
8.4		DJB	DXO	JXN	CRL				

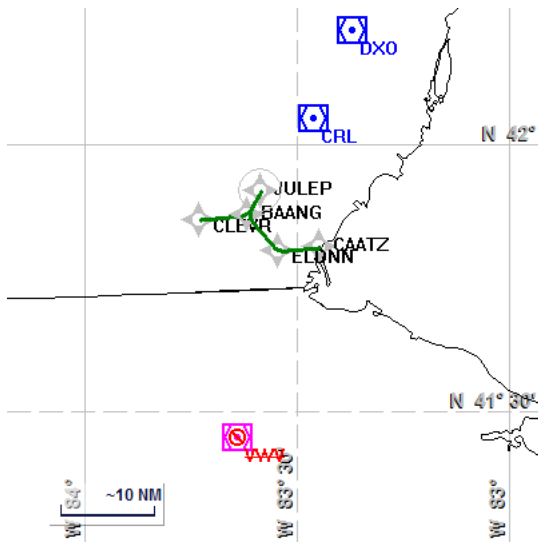
Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
CAATZ	ELDNN	JXN, DJB, CRL, and DXO
ELDNN	BAANG	JXN, DJB, CRL, and DXO
BAANG	JULEP	JXN, DJB, CRL, and DXO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KDTW ILS RWY 22L APPROACH PUZEL DRBRN 20170524_1404.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	BFD	N 41° 47' 10.99" W 78° 37' 9.65" 07 W	L	2110.6	116.60	BFD	Disabled
2	HRK	N 42° 45' 43.81" W 87° 48' 53.02" 02 W	T	663.3	117.70	HRK	Disabled
3	BTL	N 42° 18' 35.31" W 85° 15' 8.45" 02 W	T	921.9	109.40	BTL	Disabled
Restriction:		Bearing [True]: 19.0° to 112.0° Bearing [Mag]: 21.0° to 114.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 198.0° to 327.0° Bearing [Mag]: 200.0° to 329.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
4	TVT	N 40° 27' 29.04" W 82° 7' 36.52" 03 W	L	1330.4	116.50	TVT	Disabled
5	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	542.0	112.20	BQM	Disabled
6	DKK	N 42° 29' 26.04" W 79° 16' 26.75" 07 W	H	680.0	116.20	DKK	Disabled
Restriction:		Bearing [True]: 353.0° to 353.0° Bearing [Mag]: 360.0° to 360.0°			Distance: Beyond 0.0 NM Altitude: Below 7000.0 ft		
Restriction:		Bearing [True]: 199.0° to 228.0° Bearing [Mag]: 206.0° to 235.0°			Distance: Beyond 17.0 NM Altitude: Below 4500.0 ft		
Restriction:		Bearing [True]: 163.0° to 183.0° Bearing [Mag]: 170.0° to 190.0°			Distance: Beyond 17.0 NM Altitude: Below 7500.0 ft		
Restriction:		Bearing [True]: 93.0° to 162.0° Bearing [Mag]: 100.0° to 169.0°			Distance: Beyond 17.0 NM Altitude: Below 4700.0 ft		
Restriction:		Bearing [True]: 184.0° to 198.0° Bearing [Mag]: 191.0° to 205.0°			Distance: Beyond 17.0 NM Altitude: Below 5500.0 ft		
7	ELZ	N 42° 5' 22.73" W 77° 59' 58.41" 09 W	L	2297.4	111.40	ELZ	Disabled
8	GRV	N 39° 38' 6.11" W 79° 3' 1.90" 06 W	L	2640.0	112.30	GRV	Disabled
Restriction:		Bearing [True]: 102.0° to 107.0° Bearing [Mag]: 108.0° to 113.0°			Distance: Beyond 38.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 301.0° to 64.0° Bearing [Mag]: 307.0° to 70.0°			Distance: Beyond 20.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 319.0° to 339.0° Bearing [Mag]: 325.0° to 345.0°			Distance: Beyond 35.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 65.0° to 300.0° Bearing [Mag]: 71.0° to 306.0°			Distance: Beyond 20.0 NM Altitude: Below 6000.0 ft		

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
9	ITH	N 42° 29' 42.10" W 76° 27' 35.02" 10 W	L	1102.2	111.80	ITH	Disabled
Restriction:		Bearing [True]: 350.0° to 150.0° Bearing [Mag]: 360.0° to 160.0°			Distance: Beyond 20.0 NM Altitude: Below 6500.0 ft		
10	MMJ	N 40° 29' 17.10" W 80° 11' 38.10" 08 W	L	1193.6	112.00	MMJ	Disabled
11	AGC	N 40° 16' 43.12" W 80° 2' 27.08" 09 W	L	1284.6	110.00	AGC	Disabled
12	BUF	N 42° 55' 44.39" W 78° 38' 46.83" 08 W	H	729.4	116.40	BUF	Disabled
Restriction:		Bearing [True]: 254.0° to 267.0° Bearing [Mag]: 262.0° to 275.0°			Distance: Beyond 0.0 NM Altitude: Below 2300.0 ft		
Restriction:		Bearing [True]: 268.0° to 27.0° Bearing [Mag]: 276.0° to 35.0°			Distance: Beyond 0.0 NM Altitude: Below 6000.0 ft		
Restriction:		Bearing [True]: 28.0° to 253.0° Bearing [Mag]: 36.0° to 261.0°			Distance: Beyond 0.0 NM Altitude: Below 11000.0 ft		
13	CIP	N 41° 8' 46.66" W 79° 27' 28.71" 06 W	L	1519.5	112.90	CIP	Disabled
14	CKB	N 39° 15' 11.57" W 80° 16' 4.32" 04 W	L	1425.7	112.60	CKB	Disabled
15	CVG	N 39° 0' 57.53" W 84° 42' 12.05" 04 W	L	879.4	117.30	CVG	Disabled
16	ECB	N 38° 9' 30.11" W 82° 54' 36.20" 02 W	L	1070.0	110.40	ECB	Disabled
17	ERI	N 42° 1' 2.63" W 80° 17' 33.71" 06 W	L	797.0	109.40	ERI	Disabled
Restriction:		Bearing [True]: 70.0° to 103.0° Bearing [Mag]: 76.0° to 109.0°			Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 104.0° to 174.0° Bearing [Mag]: 110.0° to 180.0°			Distance: Beyond 25.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 244.0° to 268.0° Bearing [Mag]: 250.0° to 274.0°			Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 289.0° to 309.0° Bearing [Mag]: 295.0° to 315.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 ft		
Restriction:		Bearing [True]: 175.0° to 243.0° Bearing [Mag]: 181.0° to 249.0°			Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
18	ETG	N 41° 12' 53.82" W 78° 8' 33.92" 10 W	H	2250.0	116.00	ETG	Disabled

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
19	FLM	N 38° 38' 57.99" W 84° 18' 38.17" 04 W	H	808.5	117.00	FLM	Disabled
20	HNN	N 38° 45' 14.85" W 82° 1' 34.20" 03 W	H	880.0	115.90	HNN	Disabled
21	IHD	N 39° 58' 27.27" W 79° 21' 30.12" 06 W	L	2820.0	108.20	IHD	Disabled
22	REC	N 40° 32' 47.25" W 78° 44' 49.28" 09 W	L	2340.0	110.60	REC	Disabled
23	SFK	N 41° 41' 42.91" W 77° 25' 11.66" 08 W	L	1985.3	108.60	SFK	Disabled
24	SLT	N 41° 30' 45.93" W 77° 58' 12.39" 08 W	H	2310.0	113.90	SLT	Disabled
25	TDT	N 41° 42' 46.91" W 79° 25' 2.17" 09 W	L	1710.0	117.60	TDT	Disabled
Restriction:		Bearing [True]: 331.0° to 356.0° Bearing [Mag]: 340.0° to 5.0°			Distance: Beyond 24.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 32.0° to 42.0° Bearing [Mag]: 41.0° to 51.0°			Distance: Beyond 30.0 NM Altitude: Below 4000.0 ft		
Restriction:		Bearing [True]: 296.0° to 331.0° Bearing [Mag]: 305.0° to 340.0°			Distance: Beyond 24.0 NM Altitude: Below 3500.0 ft		
26	ULW	N 42° 5' 39.16" W 77° 1' 28.53" 12 W	L	1631.8	109.65	ULW	Disabled
27	YRK	N 38° 38' 38.88" W 82° 58' 42.02" 05 W	L	1040.0	112.80	YRK	Disabled
28	BKW	N 37° 46' 49.08" W 81° 7' 24.44" 06 W	H	2517.0	117.70	BKW	Disabled
Restriction:		Bearing [True]: 77.0° to 185.0° Bearing [Mag]: 83.0° to 191.0°			Distance: Beyond 21.0 NM Altitude: Below 99999.0 ft		
29	ESL	N 39° 13' 31.77" W 78° 59' 22.20" 06 W	L	2590.0	110.80	ESL	Disabled
30	FQM	N 41° 20' 18.81" W 76° 46' 29.52" 09 W	L	2098.0	114.40	FQM	Disabled

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
31	LWB	N 37° 51' 49.91" W 80° 23' 30.54" 08 W	L	2338.1	116.05	LWB	Disabled
Restriction:		Bearing [True]: 87.0° to 142.0° Bearing [Mag]: 95.0° to 150.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 189.0° to 86.0° Bearing [Mag]: 197.0° to 94.0°			Distance: Beyond 20.0 NM Altitude: Below 10000.0 ft		
Restriction:		Bearing [True]: 178.0° to 188.0° Bearing [Mag]: 186.0° to 196.0°			Distance: Beyond 20.0 NM Altitude: Below 7000.0 ft		
Restriction:		Bearing [True]: 143.0° to 177.0° Bearing [Mag]: 151.0° to 185.0°			Distance: Beyond 20.0 NM Altitude: Below 10000.0 ft		
32	DJB	N 41° 21' 29.03" W 82° 9' 43.09" 05 W	H	780.0	113.60	DJB	Used
ESV:		Bearing [True]: 289.0° to 300.0° Bearing [Mag]: 294.0° to 305.0°			Arc Distance: Out to 75.0 NM Altitude: 6400.0 to 16000.0 ft		
33	JXN	N 42° 15' 33.27" W 84° 27' 30.77" 05 W	L	995.2	109.60	JXN	Used
Restriction:		Bearing [True]: 70.0° to 250.0° Bearing [Mag]: 75.0° to 255.0°			Distance: Beyond 10.0 NM Altitude: Below 3000.0 ft		
ESV:		Bearing [True]: 115.0° to 129.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 54.0 NM Altitude: 6000.0 to 20000.0 ft		



Name: PAUL JACKSON
Project Name: DTW RNAV Transitions
Output File: KDTW ILS or LOC RWY 04R AMDT 19 APPROACH CLEVR JULEP 20170705_1545
Procedure Name: ILS or LOC RWY 04R AMDT 19
Software: RNAV-Pro™
Version: 2.39
Date/Time: 7/5/2017 3:46:24 PM
Input File: [KDTW ILS or LOC RWY 04R CLEVR JULEP 20170524_1105.txt](#)
Databases: AIRNAV Date: 6/26/2017
CIFP Date: 8/18/2016
DTED® (MAX) Date: 2002

Results Summary:

Flyability



DME/DME



No Critical DMEs Exist

Radars

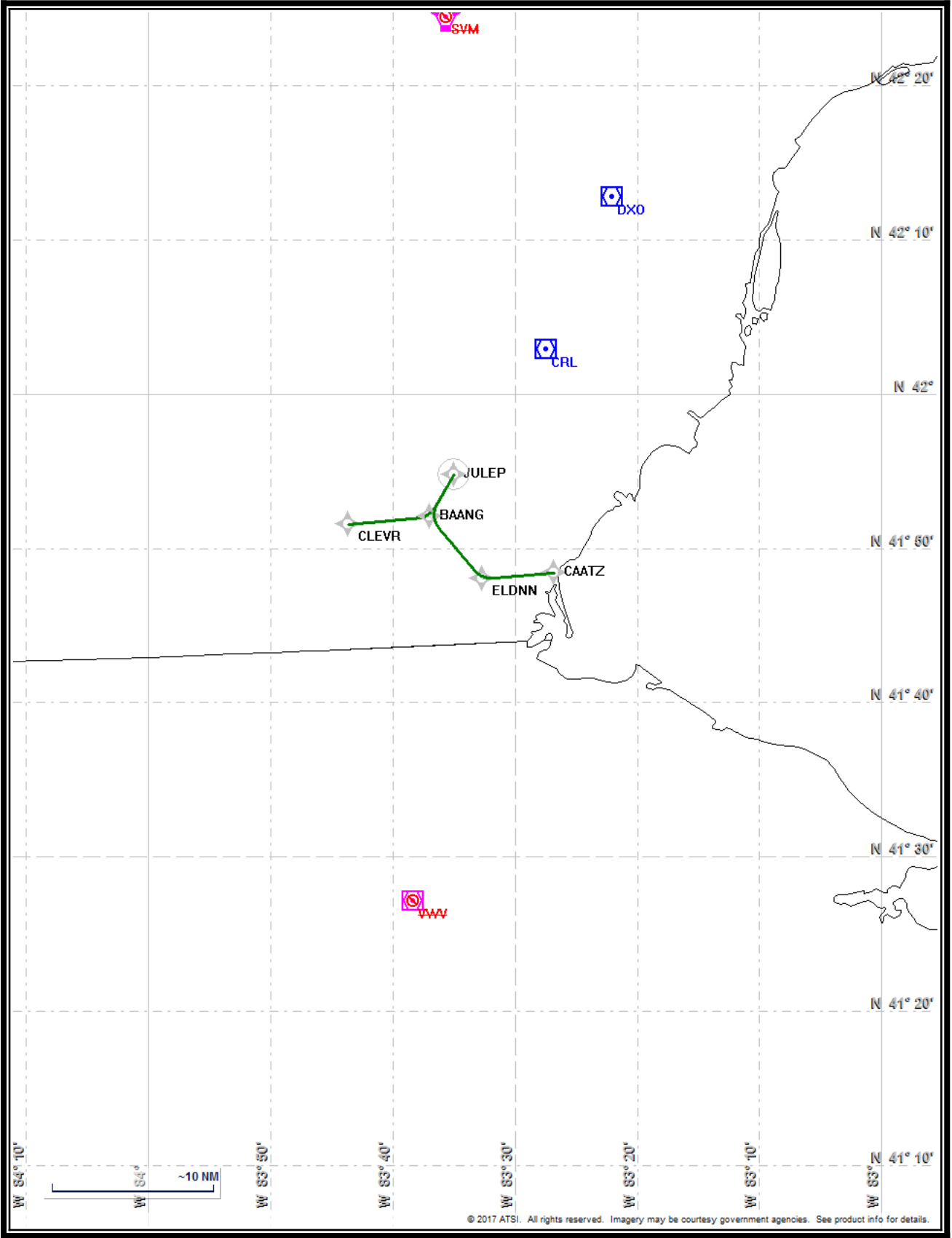


Comms



TERPS

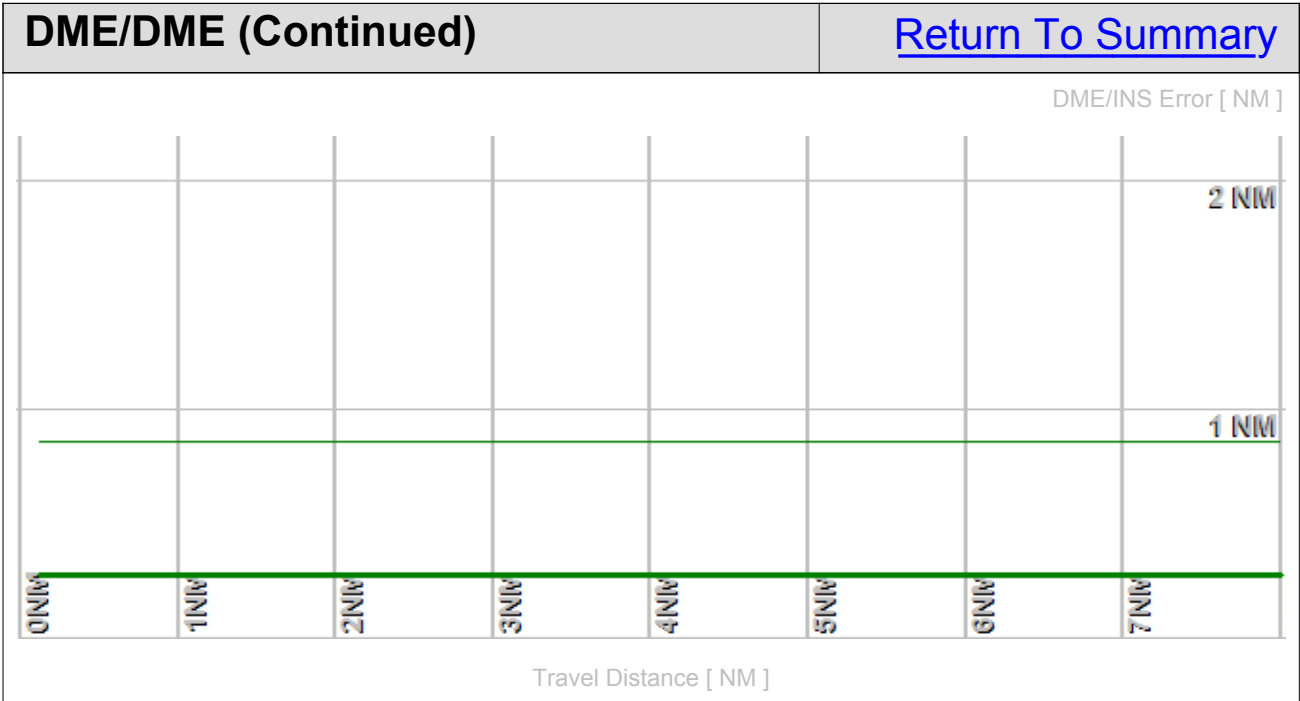




Flight Plan					Return To Summary		
Name	Type	Lat/Lon	Alt [ft]	VNAV Mode	IAS [Kts]	Turn Type	Leg Type
CLEVR	WP	N 41° 51' 32.62" W 83° 43' 39.27"	8000.0	Step	210.0	Fly By	TF
BAANG	WP	N 41° 52' 1.99" W 83° 36' 59.29"	7000.0	VNAV	210.0	Fly By	TF
JULEP	WP	N 41° 54' 47.39" W 83° 34' 58.89"	6000.0	VNAV	210.0	Fly Over	TF

Flyability		Return To Summary
Settings:	Flight Type:	
	Selected Airport: KDTW	
	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: 1.0 NM within 30 NM - 2.0 NM Beyond 30 NM	
	Flight Mode: Flight Director within 30 NM - Manual Beyond 30 NM	
	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: 0.279 NM.		
No Critical DMEs were found.		
Available DMEs: JXN, CRL, DXO, DJB		
Disabled DMEs: AZO, ELX, FBC, LAN, LFD, MOP, PMM, SVM, VWV, BFD, HRK, BTL, TVT, BQM, DKK, ELZ, GRV, ITH, MMJ, AGC, BUF, CIP, CKB, CVG, ECB, ERI, ETG, FLM, HNN, IHD, REC, SFK, SLT, TDT, ULW, YRK, BKW, ESL, FQM, and LWB		
Foreign DMEs within range: YEE, YQG, YQO, YVV, YWT, YXU, YYZ		



DME/DME (Continued)						Return To Summary			
DMEs Used									
#	Name	Lat/Lon/MAGVAR	Range	Source	Critical	Err. [NM]	Status	Time	Distance
1	JXN	N 42° 15' 33.27" W 84° 27' 30.77" 05 W	L + ESV	User	NO	0.676	Enabled	100.0%	100.0%
2	DXO	N 42° 12' 47.29" W 83° 21' 59.99" 06 W	H	Database	NO	0.283	Enabled	77.1%	77.1%
3	CRL	N 42° 2' 52.90" W 83° 27' 27.30" 03 W	H	Database	NO	0.286	Enabled	22.9%	22.9%
	Total Coverage							100.0%	100.0%
Flight Check DME Selection									
Distance [NM]		Selected DMEs						Alternate	
0.0		JXN	DXO	CRL	DJB				
4.1		JXN	DXO	CRL	DJB				

Available DMEs by Waypoints		Return To Summary
Waypoint Before	Waypoint After	DME List
CLEVR	BAANG	JXN, DJB, CRL, and DXO
BAANG	JULEP	JXN, DJB, CRL, and DXO

User Data					Return To Summary		
User Data Files							
#	File Name						
1	UserDMEs_KDTW ILS RWY 22L APPROACH PUZEL DRBRN 20170524_1404.udt						
User DMEs							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
1	BFD	N 41° 47' 10.99" W 78° 37' 9.65" 07 W	L	2110.6	116.60	BFD	Disabled
2	HRK	N 42° 45' 43.81" W 87° 48' 53.02" 02 W	T	663.3	117.70	HRK	Disabled
3	BTL	N 42° 18' 35.31" W 85° 15' 8.45" 02 W	T	921.9	109.40	BTL	Disabled
Restriction:		Bearing [True]: 19.0° to 112.0° Bearing [Mag]: 21.0° to 114.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 198.0° to 327.0° Bearing [Mag]: 200.0° to 329.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
4	TVT	N 40° 27' 29.04" W 82° 7' 36.52" 03 W	L	1330.4	116.50	TVT	Disabled
5	BQM	N 38° 13' 48.79" W 85° 39' 53.08" 04 W	T	542.0	112.20	BQM	Disabled
6	DKK	N 42° 29' 26.04" W 79° 16' 26.75" 07 W	H	680.0	116.20	DKK	Disabled
Restriction:		Bearing [True]: 353.0° to 353.0° Bearing [Mag]: 360.0° to 360.0°			Distance: Beyond 0.0 NM Altitude: Below 7000.0 ft		
Restriction:		Bearing [True]: 199.0° to 228.0° Bearing [Mag]: 206.0° to 235.0°			Distance: Beyond 17.0 NM Altitude: Below 4500.0 ft		
Restriction:		Bearing [True]: 163.0° to 183.0° Bearing [Mag]: 170.0° to 190.0°			Distance: Beyond 17.0 NM Altitude: Below 7500.0 ft		
Restriction:		Bearing [True]: 93.0° to 162.0° Bearing [Mag]: 100.0° to 169.0°			Distance: Beyond 17.0 NM Altitude: Below 4700.0 ft		
Restriction:		Bearing [True]: 184.0° to 198.0° Bearing [Mag]: 191.0° to 205.0°			Distance: Beyond 17.0 NM Altitude: Below 5500.0 ft		
7	ELZ	N 42° 5' 22.73" W 77° 59' 58.41" 09 W	L	2297.4	111.40	ELZ	Disabled
8	GRV	N 39° 38' 6.11" W 79° 3' 1.90" 06 W	L	2640.0	112.30	GRV	Disabled
Restriction:		Bearing [True]: 102.0° to 107.0° Bearing [Mag]: 108.0° to 113.0°			Distance: Beyond 38.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 301.0° to 64.0° Bearing [Mag]: 307.0° to 70.0°			Distance: Beyond 20.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 319.0° to 339.0° Bearing [Mag]: 325.0° to 345.0°			Distance: Beyond 35.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 65.0° to 300.0° Bearing [Mag]: 71.0° to 306.0°			Distance: Beyond 20.0 NM Altitude: Below 6000.0 ft		

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
9	ITH	N 42° 29' 42.10" W 76° 27' 35.02" 10 W	L	1102.2	111.80	ITH	Disabled
Restriction:		Bearing [True]: 350.0° to 150.0° Bearing [Mag]: 360.0° to 160.0°			Distance: Beyond 20.0 NM Altitude: Below 6500.0 ft		
10	MMJ	N 40° 29' 17.10" W 80° 11' 38.10" 08 W	L	1193.6	112.00	MMJ	Disabled
11	AGC	N 40° 16' 43.12" W 80° 2' 27.08" 09 W	L	1284.6	110.00	AGC	Disabled
12	BUF	N 42° 55' 44.39" W 78° 38' 46.83" 08 W	H	729.4	116.40	BUF	Disabled
Restriction:		Bearing [True]: 254.0° to 267.0° Bearing [Mag]: 262.0° to 275.0°			Distance: Beyond 0.0 NM Altitude: Below 2300.0 ft		
Restriction:		Bearing [True]: 268.0° to 27.0° Bearing [Mag]: 276.0° to 35.0°			Distance: Beyond 0.0 NM Altitude: Below 6000.0 ft		
Restriction:		Bearing [True]: 28.0° to 253.0° Bearing [Mag]: 36.0° to 261.0°			Distance: Beyond 0.0 NM Altitude: Below 11000.0 ft		
13	CIP	N 41° 8' 46.66" W 79° 27' 28.71" 06 W	L	1519.5	112.90	CIP	Disabled
14	CKB	N 39° 15' 11.57" W 80° 16' 4.32" 04 W	L	1425.7	112.60	CKB	Disabled
15	CVG	N 39° 0' 57.53" W 84° 42' 12.05" 04 W	L	879.4	117.30	CVG	Disabled
16	ECB	N 38° 9' 30.11" W 82° 54' 36.20" 02 W	L	1070.0	110.40	ECB	Disabled
17	ERI	N 42° 1' 2.63" W 80° 17' 33.71" 06 W	L	797.0	109.40	ERI	Disabled
Restriction:		Bearing [True]: 70.0° to 103.0° Bearing [Mag]: 76.0° to 109.0°			Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 104.0° to 174.0° Bearing [Mag]: 110.0° to 180.0°			Distance: Beyond 25.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 244.0° to 268.0° Bearing [Mag]: 250.0° to 274.0°			Distance: Beyond 20.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 289.0° to 309.0° Bearing [Mag]: 295.0° to 315.0°			Distance: Beyond 35.0 NM Altitude: Below 3000.0 ft		
Restriction:		Bearing [True]: 175.0° to 243.0° Bearing [Mag]: 181.0° to 249.0°			Distance: Beyond 30.0 NM Altitude: Below 5000.0 ft		
18	ETG	N 41° 12' 53.82" W 78° 8' 33.92" 10 W	H	2250.0	116.00	ETG	Disabled

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
19	FLM	N 38° 38' 57.99" W 84° 18' 38.17" 04 W	H	808.5	117.00	FLM	Disabled
20	HNN	N 38° 45' 14.85" W 82° 1' 34.20" 03 W	H	880.0	115.90	HNN	Disabled
21	IHD	N 39° 58' 27.27" W 79° 21' 30.12" 06 W	L	2820.0	108.20	IHD	Disabled
22	REC	N 40° 32' 47.25" W 78° 44' 49.28" 09 W	L	2340.0	110.60	REC	Disabled
23	SFK	N 41° 41' 42.91" W 77° 25' 11.66" 08 W	L	1985.3	108.60	SFK	Disabled
24	SLT	N 41° 30' 45.93" W 77° 58' 12.39" 08 W	H	2310.0	113.90	SLT	Disabled
25	TDT	N 41° 42' 46.91" W 79° 25' 2.17" 09 W	L	1710.0	117.60	TDT	Disabled
Restriction:		Bearing [True]: 331.0° to 356.0° Bearing [Mag]: 340.0° to 5.0°			Distance: Beyond 24.0 NM Altitude: Below 5000.0 ft		
Restriction:		Bearing [True]: 32.0° to 42.0° Bearing [Mag]: 41.0° to 51.0°			Distance: Beyond 30.0 NM Altitude: Below 4000.0 ft		
Restriction:		Bearing [True]: 296.0° to 331.0° Bearing [Mag]: 305.0° to 340.0°			Distance: Beyond 24.0 NM Altitude: Below 3500.0 ft		
26	ULW	N 42° 5' 39.16" W 77° 1' 28.53" 12 W	L	1631.8	109.65	ULW	Disabled
27	YRK	N 38° 38' 38.88" W 82° 58' 42.02" 05 W	L	1040.0	112.80	YRK	Disabled
28	BKW	N 37° 46' 49.08" W 81° 7' 24.44" 06 W	H	2517.0	117.70	BKW	Disabled
Restriction:		Bearing [True]: 77.0° to 185.0° Bearing [Mag]: 83.0° to 191.0°			Distance: Beyond 21.0 NM Altitude: Below 99999.0 ft		
29	ESL	N 39° 13' 31.77" W 78° 59' 22.20" 06 W	L	2590.0	110.80	ESL	Disabled
30	FQM	N 41° 20' 18.81" W 76° 46' 29.52" 09 W	L	2098.0	114.40	FQM	Disabled

User Data (Continued)					Return To Summary		
User DMEs (Continued)							
#	Name	Lat/Lon/MAGVAR	Range	Elevation [ft]	Frequency	Replaces	Status
31	LWB	N 37° 51' 49.91" W 80° 23' 30.54" 08 W	L	2338.1	116.05	LWB	Disabled
Restriction:		Bearing [True]: 87.0° to 142.0° Bearing [Mag]: 95.0° to 150.0°			Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft		
Restriction:		Bearing [True]: 189.0° to 86.0° Bearing [Mag]: 197.0° to 94.0°			Distance: Beyond 20.0 NM Altitude: Below 10000.0 ft		
Restriction:		Bearing [True]: 178.0° to 188.0° Bearing [Mag]: 186.0° to 196.0°			Distance: Beyond 20.0 NM Altitude: Below 7000.0 ft		
Restriction:		Bearing [True]: 143.0° to 177.0° Bearing [Mag]: 151.0° to 185.0°			Distance: Beyond 20.0 NM Altitude: Below 10000.0 ft		
32	DJB	N 41° 21' 29.03" W 82° 9' 43.09" 05 W	H	780.0	113.60	DJB	Not Used
ESV:		Bearing [True]: 289.0° to 300.0° Bearing [Mag]: 294.0° to 305.0°			Arc Distance: Out to 75.0 NM Altitude: 6400.0 to 16000.0 ft		
33	JXN	N 42° 15' 33.27" W 84° 27' 30.77" 05 W	L	995.2	109.60	JXN	Used
Restriction:		Bearing [True]: 70.0° to 250.0° Bearing [Mag]: 75.0° to 255.0°			Distance: Beyond 10.0 NM Altitude: Below 3000.0 ft		
ESV:		Bearing [True]: 115.0° to 129.0° Bearing [Mag]: 120.0° to 134.0°			Arc Distance: Out to 54.0 NM Altitude: 6000.0 to 20000.0 ft		