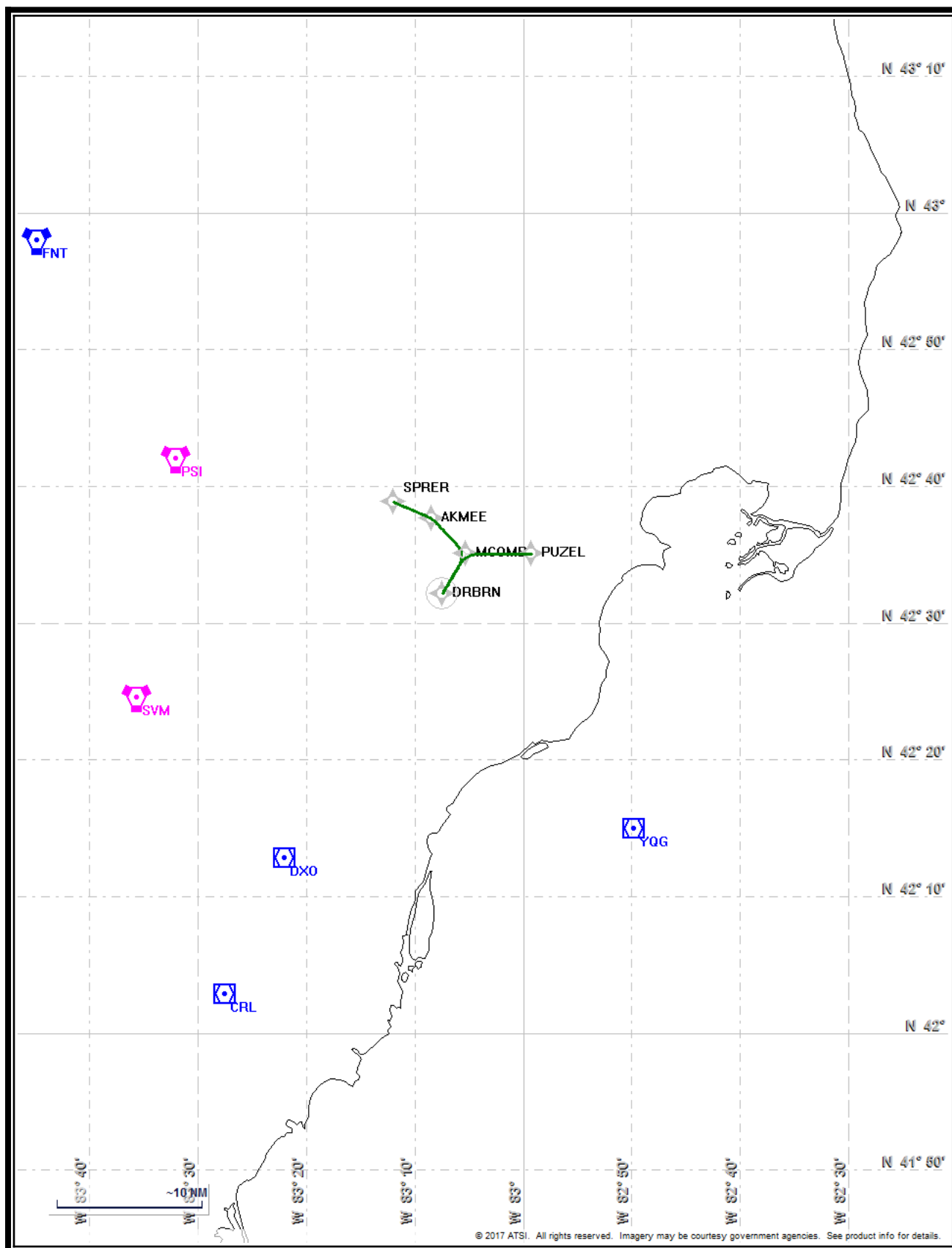


Name: Paul Jackson
Project Name: KDTW ILS GPS 22L
Output File: KDTW ILS GPS 22L
 APPROACH SPRER
 DRBRN 20171002_1616
Procedure Name: ILS GPS 22L
Software: RNAV-Pro™
Version: 2.39
Date/Time: 10/2/2017 4:17:05 PM
Input File: [KDTW ILS GPS 22L
 SPRER DRBRN
 20171002_1611.txt](#)
Databases: AIRNAV Date: 9/17/2017
 CIFP Date: 7/20/2017
 DTED® (MAX) Date: 2002

Results Summary:

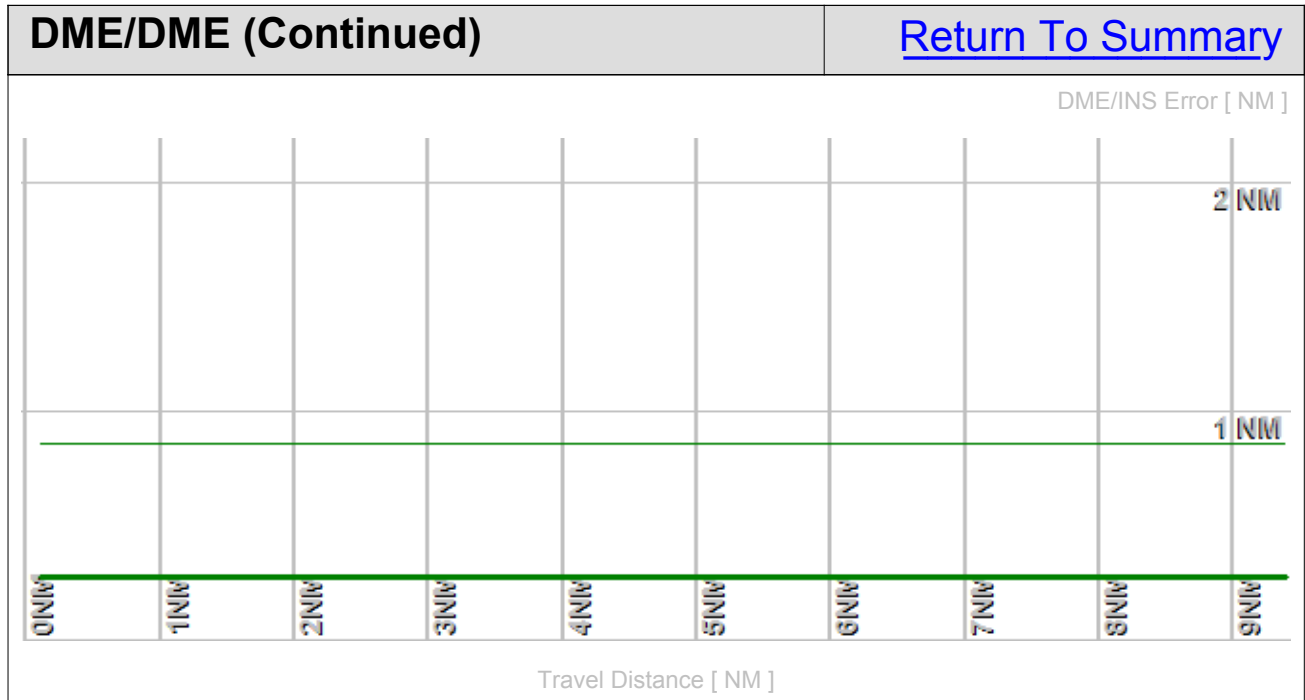
| | | |
|-------------------|---|------------------------|
| Flyability | ✓ | |
| DME/DME | ✓ | No Critical DMEs Exist |
| Radars | ? | |
| Comms | ? | |
| TERPS | ? | |



| Flight Plan | | | | | Return To Summary | | |
|-------------|------|--------------------------------------|----------|-----------|-----------------------------------|-----------|----------|
| Name | Type | Lat/Lon | Alt [ft] | VNAV Mode | IAS [Kts] | Turn Type | Leg Type |
| SPRER | WP | N 42° 38' 51.75" W 83° 11' 59.04" | 8000.0 | Step | 210.0 | Fly By | TF |
| AKMEE | WP | N 42° 37' 40.18" W 83° 8' 24.74" | 8000.0 | VNAV | 210.0 | Fly By | TF |
| MCOMB | WP | N 42° 35' 3.44" W 83° 5' 17.25" | 7000.0 | VNAV | 210.0 | Fly By | TF |
| DRBRN | WP | N 42° 32' 9.65" W 83° 7' 26.76" | 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: | <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: 5</p> <p>Maximum DME Error: 0.282 NM.</p> <p>No Critical DMEs were found.</p> <p>Available DMEs: MBS, CRL, DXO, PSI, SVM</p> <p>Disabled DMEs: 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> <p>Co-Frequency Interference: 108.2(BAX, FBC)</p> | |



| DME/DME (Continued) | | | | | | Return To Summary | | | |
|----------------------------|----------------|--|-------------------------|----------|----------|-----------------------------------|---------|-----------|----------|
| DMEs Used | | | | | | | | | |
| # | Name | Lat/Lon/MAGVAR | Range | Source | Critical | Err. [NM] | Status | Time | Distance |
| 1 | MBS | N 43° 31' 53.95" W 84° 4' 38.28" 03 W | L + ESV | User | NO | 0.282 | Enabled | 26.6% | 26.6% |
| 2 | SVM | N 42° 24' 31.09" W 83° 35' 38.05" 03 W | L | Database | NO | 0.282 | Enabled | 26.6% | 26.6% |
| 3 | DXO | N 42° 12' 47.29" W 83° 21' 59.99" 06 W | H | Database | NO | 0.282 | Enabled | 8.3% | 8.3% |
| 4 | PSI | N 42° 42' 3.09" W 83° 31' 57.98" 03 W | L | Database | NO | 0.487 | Enabled | 73.4% | 73.4% |
| 5 | CRL | N 42° 2' 52.90" W 83° 27' 27.30" 03 W | H | Database | NO | 0.282 | Enabled | 65.1% | 65.1% |
| | Total Coverage | | | | | | | 100.0% | 100.0% |
| Flight Check DME Selection | | | | | | | | | |
| Distance [NM] | | Selected DMEs | | | | | | Alternate | |
| 0.0 | | MBS | SVM | CRL | DXO | PSI | | | |
| 2.3 | | MBS | SVM | CRL | DXO | PSI | | | |
| 5.2 | | MBS | SVM | CRL | DXO | PSI | | | |

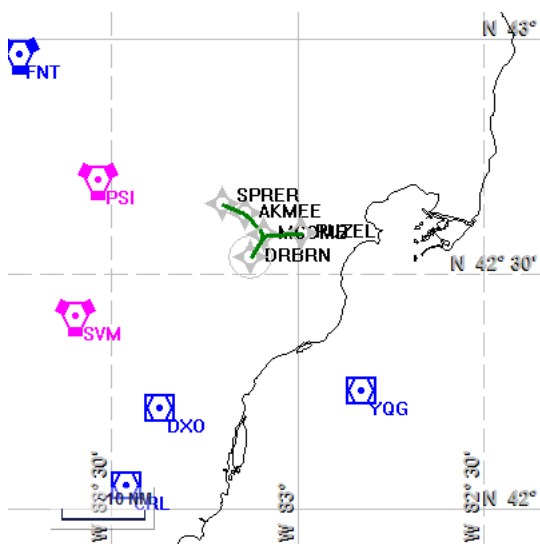
| Available DMEs by Waypoints | | Return To Summary |
|-----------------------------|----------------|-----------------------------------|
| Waypoint Before | Waypoint After | DME List |
| SPRER | AKMEE | MBS, CRL, DXO, PSI, and SVM |
| AKMEE | MCOMB | MBS, CRL, DXO, PSI, and SVM |
| MCOMB | DRBRN | MBS, CRL, DXO, PSI, and SVM |

| User Data | | | | | Return To Summary | | |
|-----------------|---|---|-------|----------------|--|----------|----------|
| User Data Files | | | | | | | |
| # | File Name | | | | | | |
| 1 | UserDMEs_KDTW ILS or LOC RWY 22L APPROACH PUZEL DRBRN 20170705_1505.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 |

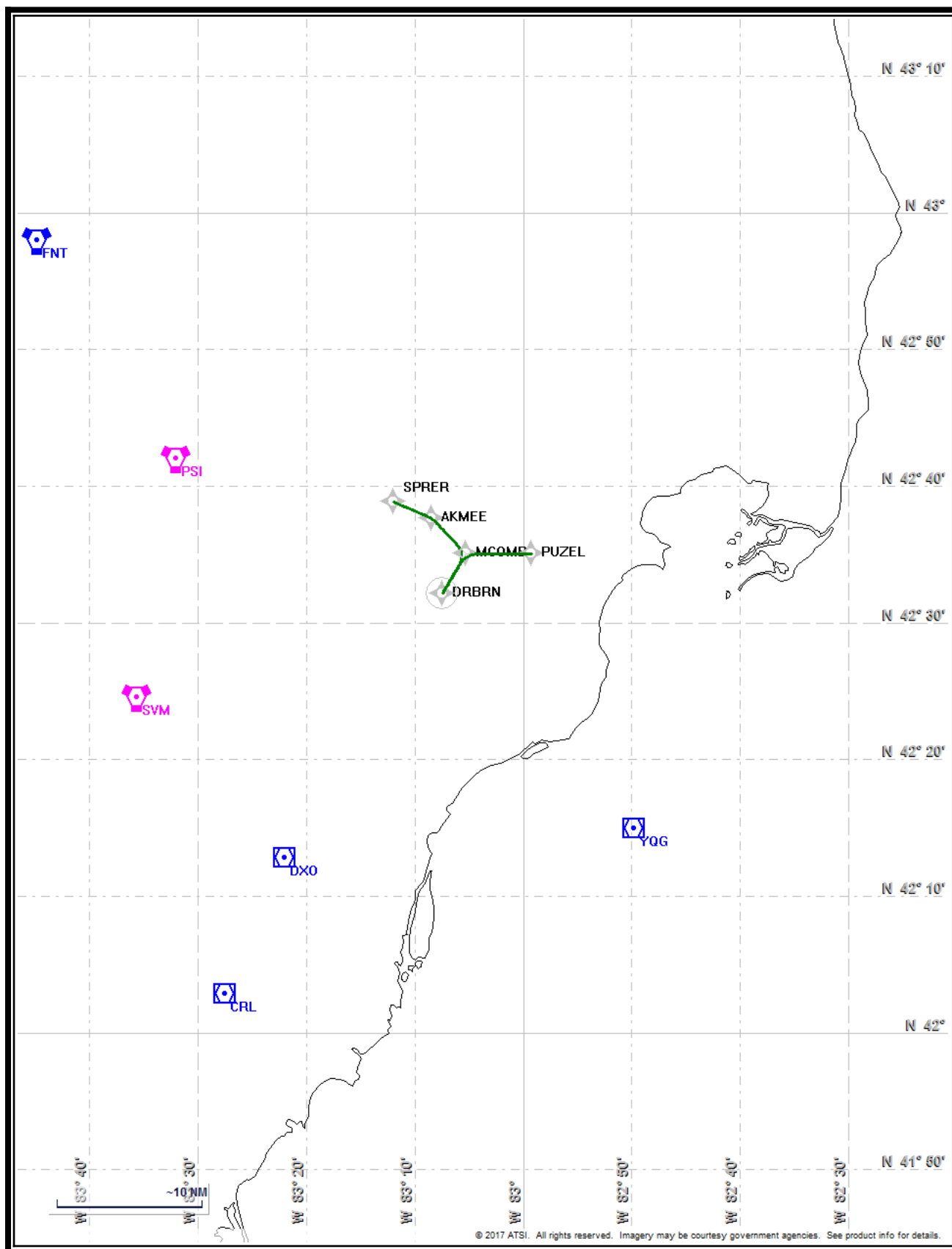
| User Data (Continued) | | | | | Return To Summary | | |
|-----------------------|------|---|-------|----------------|--|----------|----------|
| User DMEs (Continued) | | | | | | | |
| # | Name | Lat/Lon/MAGVAR | Range | Elevation [ft] | Frequency | Replaces | Status |
| 31 | LWB | N 37° 51' 49.91" 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 | MBS | N 43° 31' 53.95" W 84° 4' 38.28" 03 W | L | 662.5 | 112.90 | MBS | Used |
| Restriction: | | Bearing [True]: 189.0° to 197.0° Bearing [Mag]: 192.0° to 200.0° | | | Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft | | |
| ESV: | | Bearing [True]: 141.0° to 148.0° Bearing [Mag]: 144.0° to 151.0° | | | Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 20000.0 ft | | |



Name: Paul Jackson
Project Name: KDTW ILS GPS 22L
Output File: KDTW ILS GPS 22L
 APPROACH PUZEL
 DRBRN 20171002_1616
Procedure Name: ILS GPS 22L
Software: RNAV-Pro™
Version: 2.39
Date/Time: 10/2/2017 4:17:20 PM
Input File: [KDTW ILS GPS 22L
 PUZEL DRBRN
 20171002_1612.txt](#)
Databases: AIRNAV Date: 9/17/2017
 CIFP Date: 7/20/2017
 DTED® (MAX) Date: 2002

Results Summary:

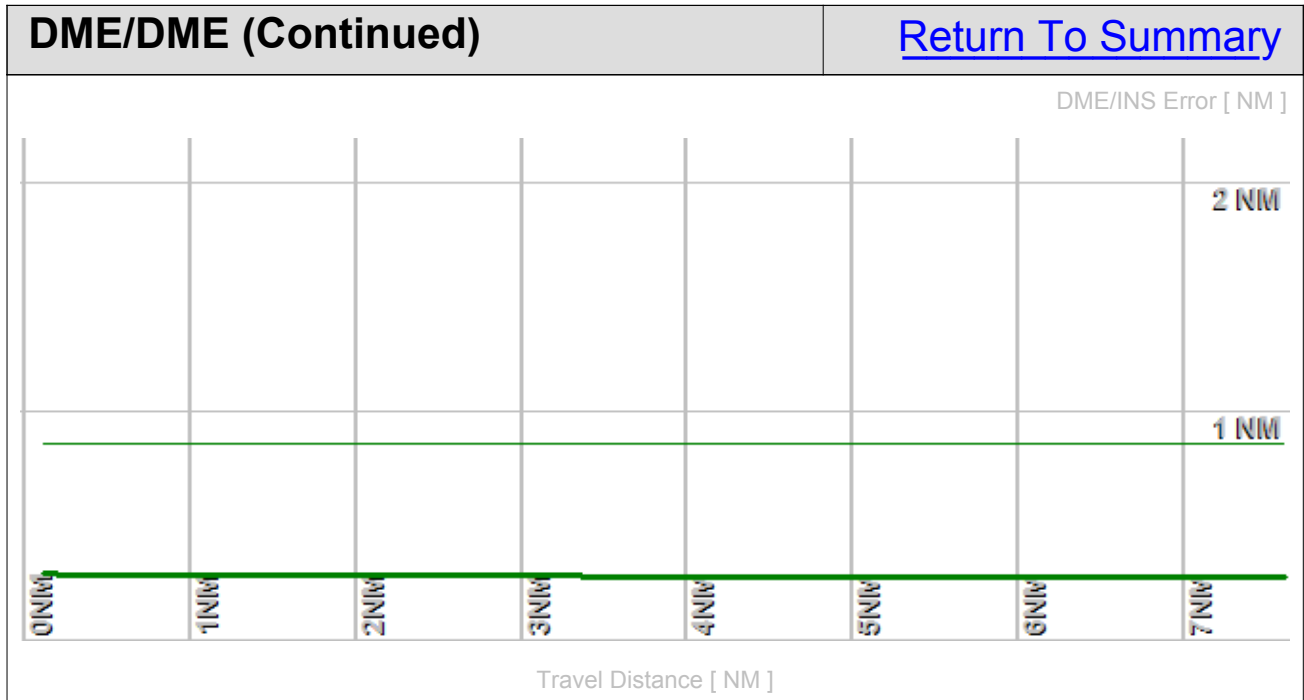
| | | |
|-------------------|---|------------------------|
| Flyability | ✓ | |
| DME/DME | ✓ | No Critical DMEs Exist |
| Radars | ? | |
| Comms | ? | |
| TERPS | ? | |



| Flight Plan | | | | | Return To Summary | | |
|-------------|------|-------------------------------------|----------|-----------|-----------------------------------|-----------|----------|
| Name | Type | Lat/Lon | Alt [ft] | VNAV Mode | IAS [Kts] | Turn Type | Leg Type |
| PUZEL | WP | N 42° 35' 5.15" W 82° 59' 11.76" | 8000.0 | Step | 210.0 | Fly By | TF |
| MCOMB | WP | N 42° 35' 3.44" W 83° 5' 17.25" | 7000.0 | VNAV | 210.0 | Fly By | TF |
| DRBRN | WP | N 42° 32' 9.65" W 83° 7' 26.76" | 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: | <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: 3</p> <p>Maximum DME Error: 0.299 NM.</p> <p>No Critical DMEs were found.</p> <p>Available DMEs: DXO, PSI, SVM, CRL, MBS</p> <p>Disabled DMEs: 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> <p>Co-Frequency Interference: 108.2(FBC)</p> | |



| DME/DME (Continued) | | | | | | Return To Summary | | | |
|----------------------------|----------------|--|-------|----------|----------|-----------------------------------|---------|-----------|----------|
| DMEs Used | | | | | | | | | |
| # | Name | Lat/Lon/MAGVAR | Range | Source | Critical | Err. [NM] | Status | Time | Distance |
| 1 | DXO | N 42° 12' 47.29" W 83° 21' 59.99" 06 W | H | Database | NO | 0.459 | Enabled | 5.1% | 5.1% |
| 2 | PSI | N 42° 42' 3.09" W 83° 31' 57.98" 03 W | L | Database | NO | 0.534 | Enabled | 100.0% | 100.0% |
| 3 | CRL | N 42° 2' 52.90" W 83° 27' 27.30" 03 W | H | Database | NO | 0.299 | Enabled | 94.9% | 94.9% |
| | Total Coverage | | | | | | | 100.0% | 100.0% |
| Flight Check DME Selection | | | | | | | | | |
| Distance [NM] | | Selected DMEs | | | | | | Alternate | |
| 0.0 | | DXO | PSI | CRL | SVM | | | | |
| 3.6 | | DXO | PSI | CRL | SVM | MBS | | | |

| Available DMEs by Waypoints | | Return To Summary |
|-----------------------------|----------------|-----------------------------------|
| Waypoint Before | Waypoint After | DME List |
| PUZEL | MCOMB | CRL, DXO, PSI, and SVM |
| MCOMB | DRBRN | MBS, CRL, DXO, PSI, and SVM |

| User Data | | | | | Return To Summary | | |
|-----------------|---|---|-------|----------------|--|----------|----------|
| User Data Files | | | | | | | |
| # | File Name | | | | | | |
| 1 | UserDMEs_KDTW ILS or LOC RWY 22L APPROACH PUZEL DRBRN 20170705_1505.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 | MBS | N 43° 31' 53.95" W 84° 4' 38.28" 03 W | L | 662.5 | 112.90 | MBS | Not Used |
| Restriction: | | Bearing [True]: 189.0° to 197.0° Bearing [Mag]: 192.0° to 200.0° | | | Distance: Beyond 0.0 NM Altitude: Below 99999.0 ft | | |
| ESV: | | Bearing [True]: 141.0° to 148.0° Bearing [Mag]: 144.0° to 151.0° | | | Arc Distance: Out to 75.0 NM Altitude: 6000.0 to 20000.0 ft | | |