

|  |        |  |         |        |                           |         |  |          |            |  |       |                  |        |     |         |
|--|--------|--|---------|--------|---------------------------|---------|--|----------|------------|--|-------|------------------|--------|-----|---------|
| <b>RNAV - STANDARD<br/>INSTRUMENT APPROACH PROCEDURE<br/>TITLE 14 CFR PART 97.33</b>   |        |  |         |        |                           |         | Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR. |          |            |  |       |                  |        |     |         |
| <b>TERMINAL ROUTES</b>   |        |  |         |        |                           |         |  |          |            | <b>MISSED APPROACH</b>   |       |                  |        |     |         |
| FROM   |        | TO   |         |        | COURSE AND DISTANCE       |         |  | ALTITUDE |            | LPV: DA<br>LNAV/VNAV: DA<br>LNAV: RW10<br><br>CLIMB TO 3600 DIRECT BAMPE AND ON TRACK 145.78 TO PATEE AND HOLD.<br><br>ADDITIONAL FLIGHT DATA:<br>HOLD S, RT, 357.43 INBOUND.<br>CHART FAS OBST: 408 TREE 435953N/0760157W.<br>DISTANCE TO THLD FROM 250 HAT: 0.63 NM.<br>CHART VDP AT 0.95 NM TO RW10*<br>*LNAV ONLY.<br>WAAS CHANNEL # 53522<br>REFERENCE PATH ID: W10A<br>CHART AT OR ABOVE 4000 AT TAREE.<br>CHART CIRCLING ICON.<br>CHART WHEELER-SACK ATIS: 119.525.<br>CHART WATERTOWN ASOS: 132.325<br>LTP HAE: 60.5 M |       |                  |        |     |         |
| TAREE (IF/IAF)   |        | FOGUS (TF) (FB) (RNP 1.00)                 |         |        | 104.76 / 6.85             |         |  | 2000     |            |  |       |                  |        |     |         |
| FOGUS (FAF)  |        | RICOS/2.00 NM TO RW10 (TF) (FB) (RNP 0.30) |         |        | 104.87 / 3.16             |         |  |          |            |  |       |                  |        |     |         |
| RICOS/2.00 NM TO RW10  |        | RW10 (MAP) (TF) (FO) (RNP 0.30)            |         |        | 104.87 / 2.00             |         |  |          |            |  |       |                  |        |     |         |
| RW10 (MAP)   |        | 568 MSL (CA)                               |         |        | 104.87                    |         |  |          |            |  |       |                  |        |     |         |
| 568 MSL  |        | BAMPE (DF) (FB) (RNP 1.00)                 |         |        |                           |         |  |          |            |  |       |                  |        |     |         |
| BAMPE  |        | PATEE (TF) (FO) (RNP 1.00)                 |         |        | 145.78 / 13.35            |         |  | 3600     |            |  |       |                  |        |     |         |
| 1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)<br>2. HOLD W TAREE, RT, 104.76 INBOUND, 4000 FT. IN LIEU OF PT (IAF)<br>3. FAC: 104.87 FAF: FOGUS DIST FAF TO MAP: 5.16 THLD: 5.16<br>4. MIN. ALT: TAREE 4000, FOGUS 2000, RICOS/2.00 NM TO RW10 980*<br>5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____<br>6. MIN GS INCPT: 2000 GS ALT AT: FOGUS 2000 OM: _____ MM: _____ IM: _____<br>7. GS ANGLE: 3.00 TCH: 46.5 20:1 IS CLEAR 34:1 IS NOT CLEAR<br>8. MSA FROM: _____ |        |  |         |        |                           |         |  |          |            | MAG VAR: 12W EPOCH YEAR: 1980  |       |                  |        |     |         |
| <b>MINIMUMS</b>  |        |  |         |        |                           |         |  |          |            |  |       |                  |        |     |         |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT  |        |  |         |        |                           |         | ALTERNATE: N A   |          | STANDARD @ |  |       |                  |        |     |         |
| CATEGORY >>>>>   | A      |  |         | B      |                           |         | C  |          |            | D  |       |                  | E      |     |         |
|  | DH/MDA | VIS  | HAT/HAA | DH/MDA | VIS                       | HAT/HAA | DH/MDA   | VIS      | HAT/HAA    | DH/MDA   | VIS   | HAT/HAA          | DH/MDA | VIS | HAT/HAA |
| LPV DA   | 568    | 3/4  | 250     | 568    | 3/4                       | 250     | 568  | 3/4      | 250        | 568  | 3/4   | 250              |        |     |         |
| LNAV/VNAV DA   | 578    | 3/4  | 260     | 578    | 3/4                       | 260     | 578  | 3/4      | 260        | 578  | 3/4   | 260              |        |     |         |
| LNAV MDA   | 660    | 1  | 342     | 660    | 1                         | 342     | 660  | 1        | 342        | 660  | 1     | 342              |        |     |         |
| CIRCLING   | 960    | 1  | 629     | 960    | 1                         | 629     | 980  | 1 3/4    | 649        | 1080   | 2 1/2 | 749              |        |     |         |
|  |        |  |         |        |                           |         |  |          |            |  |       |                  |        |     |         |
|  |        |  |         |        |                           |         |  |          |            |  |       |                  |        |     |         |
| NOTES:<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C. @ CAT D 800-2 1/2<br>CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.<br>PBN REQUIREMENTS NOTE: RNP APCH.  |        |  |         |        |                           |         |  |          |            |  |       |                  |        |     |         |
| CITY AND STATE   |        | ELEVATION: 331 TDZE: 318                   |         |        | FACILITY IDENTIFIER: RNAV |         | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:   |          |            |  |       | SUP:             |        |     |         |
| WATERTOWN, NY  |        | AIRPORT NAME:                              |         |        |                           |         | RNAV (GPS) RWY 10, AMDT 1  |          |            |  |       | AMDT: ORIG-A     |        |     |         |
|  |        | WATERTOWN INTL                             |         |        |                           |         | 19 JULY 2018   |          |            |  |       | DATED 06/26/2014 |        |     |         |



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 015/30 CW 195/30 (NOPT) | TAREE (IF/IAF) (FB) | 4000 |
| 2. | 195/30 CW 015/30        | 195/15 CW 015/15    | 4500 |
| 3. | 195/15 CW 015/15        | TAREE (IAF) (FO)    | 4000 |

QUALITY  
9  
CHECKED

CITY AND STATE  
WATERTOWN, NY

ELEVATION: 331 TDZE: 318  
AIRPORT NAME:  
WATERTOWN INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 10, AMDT 1  
19 JULY 2018

SUP:  
AMDT: ORIG-A  
DATED: 06/26/2014

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

**FAS DATA BLOCK INFORMATION**

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KART          |
| RUNWAY                                   | RW10          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W10A          |
| LTP/FTP LATITUDE                         | 435932.1540N  |
| LTP/FTP LONGITUDE                        | 0760150.3435W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +00605        |
| FPAP LATITUDE                            | 435927.5470N  |
| FPAP LONGITUDE                           | 0755946.0850W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00046.5       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 0616          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| <br><u>CRC REMAINDER</u>                 | <br>7BE07632  |

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K6     |
| LTP ORTHOMETRIC HEIGHT  | +00942 |
| FPAP ORTHOMETRIC HEIGHT | +00942 |

QUALITY  
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CHECKED

|                                     |  |                                     |   |                        |
|-------------------------------------|--|-------------------------------------|---|------------------------|
| CITY AND STATE<br><br>WATERTOWN, NY | ELEVATION: 331      TDZE: 318<br>AIRPORT NAME:<br><br>WATERTOWN INTL | FACILITY<br>IDENTIFIER:<br><br>RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br><br>RNAV (GPS) RWY 10, AMDT 1<br>19 JULY 2018 | SUP:                   |
|                                     |  |                                     |   | AMDT:      ORIG-A      |
|                                     |  |                                     |   | DATED:      06/26/2014 |