

**FEDERAL AVIATION ADMINISTRATION**  
**FLIGHT STANDARDS SERVICE**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

|   |   |   |  |                                   |                                  |
|---|---|---|--|-----------------------------------|----------------------------------|
| <b><u>AIRPORT</u></b><br>BARTOW EXECUTIVE | <b><u>AIRPORT ID</u></b><br>KBOW        | <b><u>PROCEDURE NAME</u></b><br>RNAV (GPS) RWY 23     | <b><u>ORIGINAL/AMENDMENT</u></b><br>ORIG-C       | <b><u>CITY</u></b><br>BARTOW      | <b><u>STATE</u></b><br>FL        |
| <b><u>AIRPORT ELEVATION</u></b><br>125    | <b><u>TDZE</u></b><br>124               | <b><u>SUPERSEDED</u></b><br>RNAV (GPS) RWY 23         | <b><u>ORIGINAL/AMENDMENT</u></b><br>ORIG-B       | <b><u>DATED</u></b><br>01/14/2010 | <b><u>MAG VAR</u></b><br>4W      |
| <b><u>FACILITY</u></b><br>RNAV            | <b><u>COORDINATES OF FACILITIES</u></b> | <b><u>ACTUAL EFFECTIVE DATE</u></b><br>15 AUGUST 2019 | <b><u>REQUIRED EFFECTIVE DATE</u></b><br>ROUTINE | <b><u>CANCEL/SUSPEND</u></b>      | <b><u>EPOCH YEAR</u></b><br>1995 |

**TAA**      **THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-15.**

| <b><u>FROM</u></b>  | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b> | <b><u>FIX TYPE</u></b> | <b><u>ALTITUDE</u></b> |
|---------------------|------------------------|------------------|------------------------|------------------------|
| 1. 140/30 CW 320/30 | NOPT                   | 140/5 CW 320/5   |                        | 2700                   |
| 2. 140/5 CW 320/5   |                        | ZOMOV            | IF/IAF                 | 2200                   |
| 3. 320/30 CW 050/30 |                        | 320/5 CW 050/5   |                        | 2300                   |
| 4. 320/5 CW 050/5   |                        | BOONN            | IAF                    | 2200                   |
| 5. 050/30 CW 140/30 |                        | 050/5 CW 140/5   |                        | 2300                   |
| 6. 050/5 CW 140/5   |                        | ANTII            | IAF                    | 2200                   |

**TERMINAL ROUTES**

| <b><u>FROM</u></b>    | <b><u>FIX TYPE</u></b> | <b><u>TO</u></b>      | <b><u>FIX TYPE</u></b> | <b><u>LEG TYPE</u></b> | <b><u>FO/FB</u></b> | <b><u>RNP</u></b> | <b><u>COURSE</u></b> | <b><u>DISTANCE</u></b> | <b><u>ALTITUDE</u></b> |
|-----------------------|------------------------|-----------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| ANTII                 | IAF                    | ZOMOV                 | NOPT                   | TF                     | FB                  | 1.00              | 140.13               | 5.00                   | 2200                   |
| BOONN                 | IAF                    | ZOMOV                 | NOPT                   | TF                     | FB                  | 1.00              | 320.19               | 5.00                   | 2200                   |
| ZOMOV                 | IF/IAF                 | AKACA                 |                        | TF                     | FB                  | 1.00              | 230.16               | 6.10                   | 1800                   |
| AKACA                 | FAF                    | JANGO/2.50 NM TO RW23 |                        | TF                     | FB                  | 0.30              | 230.12               | 2.51                   |                        |
| JANGO/2.50 NM TO RW23 |                        | RW23                  | MAP                    | TF                     | FO                  | 0.30              | 230.12               | 2.50                   |                        |
| RW23                  | MAP                    | 454 MSL               |                        | CA                     |                     |                   | 230.12               |                        |                        |
| 454 MSL               |                        | FODBI                 |                        | DF                     | FO                  | 1.00              |                      |                        | 2300                   |



**MISSED APPROACH****MAP:**

LPV: DA

LNAV/VNAV: DA

LNAV: RW23

**MISSED APPROACH INSTRUCTIONS:**CLIMB TO 2300 DIRECT FODBI AND HOLD. **ALTERNATE MISSED APPROACH INSTRUCTIONS:****PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)

2. HOLD NE ZOMOV, RT, 230.16 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 230.12      FAF: AKACA      DIST FAF TO MAP: 5.01      DIST FAF TO THLD: 5.01

4. MIN ALT: ZOMOV 2200, AKACA 1800, JANGO/2.50 NM TO RW23 980\*

5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      330 HAT: 0.85      GS ANT:

6. MIN GP INCPT: 1800      GP ALT AT FAF : AKACA 1800      OM:      MM:      IM:

7. GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS CLEAR      TCH: 60.0

8. MSA FROM:

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: CIRCLING RWY 09R, 27L NA AT NIGHT.

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 560 FT, LNAV/VNAV DA TO 681 FT AND ALL MDA 120 FT, INCREASE LPV ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV ALL CATS 1/8 SM, LNAV CAT C 1/4 SM, CAT D 1/8 SM AND CIRCLING CAT C 1/8 SM, CAT D 1/4 SM.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING TAMPA INTL ALTIMETER SETTING.

**ADDITIONAL FLIGHT DATA:**

CHART 419 TOWER 280056N/0814355W.

CHART VDP AT 1.10 NM TO RW23\*

\*LNAV ONLY

WAAS CHANNEL #63112

REFERENCE PATH ID: W23A

CHART FAS OBST: 275 TOWER 275710N/0814647W.

HOLD SW, RT, 050.01 INBOUND

LTP HAE: 11.1 M

**MINIMUMS:**  
**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT**

**ALTERNATE:** NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

| CATEGORY:    | A      |       |         | B      |       |         | C      |       |         | D      |       |         | E      |     |         |
|--------------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-----|---------|
| FINAL TYPE   | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS   | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| LPV DA       | 454    | 1     | 330     | 454    | 1     | 330     | 454    | 1     | 330     | 454    | 1     | 330     |        |     |         |
| LNAV/VNAV DA | 575    | 1 1/2 | 451     | 575    | 1 1/2 | 451     | 575    | 1 1/2 | 451     | 575    | 1 1/2 | 451     |        |     |         |
| LNAV MDA     | 580    | 1     | 456     | 580    | 1     | 456     | 580    | 1 3/8 | 456     | 580    | 1 1/2 | 456     |        |     |         |
| CIRCLING     | 600    | 1     | 475     | 600    | 1     | 475     | 600    | 1 1/2 | 475     | 680    | 2     | 555     |        |     |         |

**CHANGES - REASONS**

1. CHANGED AIRPORT NAME FROM BARTOW MUNI TO BARTOW EXECUTIVE - PER IFP COORDINATION.
2. CIRCLING CAT A/B/C MDA/HAA CHANGED FROM 580/455 TO 600/475 - INCORPORATING P-NOTAM 9/1892, NEW CONTROLLING OBSTACLE.
3. CHANGED CHART NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F) TO: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C - 8260.19H 8-6-9.S.
4. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH TO PBN REQUIREMENTS NOTES - CURRENT NOTATION PER 8260.19H.
5. CHANGED CHART NOTE FROM: VISIBILITY REDUCTION BY HELICOPTERS NA TO: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 20:1 PENETRATIONS NO LONGER EXIST, 8260.19H 8-6-11.K.
6. ADDED CHART VDP AT 1.10 NM TO RW23\* AND \*LNAV ONLY TO ADDITIONAL FLIGHT DATA - 20:1 PENETRATIONS NO LONGER EXIST, 8260.3D 2-6-5.
7. ADDED CHART NOTE: VDP NA WHEN USING TAMPA INTL ALTIMETER SETTING - VDP ESTABLISHED, 8260.3D 2-6-5.
8. CHANGED LNAV CAT C VISIBILITY FROM 1 1/4 SM TO 1 3/8 SM - 8260.3D TABLE 3-3-1.
9. CHANGED CHART NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL DA 106 FEET AND MDA 120 FEET; INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, LNAV VISIBILITY CAT C AND D AND CIRCLING CAT D 1/4 MILE TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 560 FT, LNAV/VNAV DA TO 681 FT AND ALL MDA 120 FT, INCREASE LPV ALL CATS VISIBILITY 1/4 SM, LNAV/VNAV ALL CATS 1/8 SM, LNAV CAT C 1/4 SM, CAT D 1/8 SM AND CIRCLING CAT C 1/8 SM, CAT D 1/4 SM - ADDED CIRCLING CAT C VISIBILITY INCREASE, 8260.3D TABLE 3-3-1.
10. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
11. ADDED "20:1 IS CLEAR" ON LINE 7 - PER .19H PARA 8-6-7G (3).
12. ADDED "CHART NOTE: CIRCLING RWY 09R, 27L NA AT NIGHT" - NO SURVEY. UNABLE TO VERIFY VISUAL SURFACE CLEAR.
13. ADDED "CHART 419 TOWER 280056N/0814355W" IN ADDITIONAL FLIGHT DATA - 7:1 OBSTACLE.
14. COMBINED CHART NOTES: BARO-VNAV NA WHEN USING TAMPA INTL ALTIMETER SETTING AND: VDP NA WHEN USING TAMPA INTL ALTIMETER SETTING TO: VDP AND BARO-VNAV NA WHEN USING TAMPA INTL ALTIMETER SETTING - SIMPLIFY CHART NOTES.

06/19/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/03/2019.  
1. CHANGED MISSED APPROACH INSTRUCTIONS TO READ "CLIMB TO 2300 DIRECT FODBI AND HOLD."



**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** TPA ATCT, ZMA, BOWATCT, BOW APT MGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**  
*Digitally signed by*  
**DAVID DANNER**

**DATE**

**DEVELOPED BY**

DAVID DANNER (ANTHONY CAPPABIANCO)

*Digitally signed by*  
**DAVID DANNER**

Jun 24, 2019  
**OFFICE**  
AJV-A421

**DATE**  
03/18/2019

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*  
**DAVID DANNER**

Jun 24, 2019

**OFFICE**  
AJV-A420

**DATE**

**TITLE**  
MANAGER

Jun 24, 2019



**FAS DATA BLOCK INFORMATION**

| <u>DATA FIELD</u>                        | <u>DATA</u>   |
|--|---------------|
| OPERATION TYPE                           | 0             |
| SBAS SERVICE PROVIDER IDENTIFIER         | 0             |
| AIRPORT IDENTIFIER                       | KBOW          |
| RUNWAY                                   | RW23          |
| APPROACH PERFORMANCE DESIGNATOR          | 0             |
| ROUTE INDICATOR                          |               |
| REFERENCE PATH DATA SELECTOR             | 0             |
| REFERENCE PATH IDENTIFIER (APPROACH ID)  | W23A          |
| LTP/FTP LATITUDE                         | 275651.6670N  |
| LTP/FTP LONGITUDE                        | 0814641.6710W |
| LTP/FTP ELLIPSOIDAL HEIGHT               | +00111        |
| FPAP LATITUDE                            | 275549.7000N  |
| FPAP LONGITUDE                           | 0814754.1400W |
| THRESHOLD CROSSING HEIGHT (TCH)          | 00060.0       |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F             |
| GLIDEPATH ANGLE (GPA)                    | 03.00         |
| COURSE WIDTH AT THRESHOLD                | 106.75        |
| LENGTH OFFSET                            | 1224          |
| HORIZONTAL ALERT LIMIT (HAL)             | 40.0          |
| VERTICAL ALERT LIMIT (VAL)               | 50.0          |
| CRC REMAINDER                            | FCEAC689      |

**ADDITIONAL PATH POINT RECORD INFORMATION**

|                         |        |
|-------------------------|--------|
| ICAO CODE               | K7     |
| LTP ORTHOMETRIC HEIGHT  | +00373 |
| FPAP ORTHOMETRIC HEIGHT | +00373 |

