

**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>AIRPORT ID</b> BOW	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 5	<b>ORIGINAL/AMENDMENT</b> 1	<b>CITY</b> BARTOW	<b>STATE</b> FL
<b>AIRPORT ELEVATION</b> 125	<b>TDZE</b> 123	<b>SUPERSEDED</b> RNAV (GPS) RWY 5	<b>DATED</b> 11/07/2019	<b>MAG VAR</b> 4W
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b>	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1995
				<b>CANCEL/SUSPEND</b>

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 320/30 CW 140/30	NOPT	320/9 CW 140/9		2800
2. 320/9 CW 140/9		FODBI	IF/IAF	2300
3. 140/30 CW 230/30		EBPAD	IAF	2300
4. 230/30 CW 320/30		VADDO	IAF	2300

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
EBPAD	IAF	FODBI	NOPT	TF	FB	1.00	139.97	5.72	2300
VADDO	IAF	FODBI	NOPT	TF	FB	1.00	320.05	5.69	2300
FODBI	IF/IAF	AHJUP		TF	FB	1.00	050.01	6.05	1800
AHJUP	FAF	SILIE/1.82 NM TO RW05		TF	FB	0.30	050.05	3.33	
SILIE/1.82 NM TO RW05		RW05	MAP	TF	FO	0.30	050.05	1.82	
RW05	MAP	447 MSL		CA			050.05		
447 MSL		ZOMOV		DF	FO	1.00			2300

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW05

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2300 DIRECT ZOMOV AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- 2. HOLD SW FODBI, RT, 050.01 INBOUND, 2300 IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 050.05                      **FAF:** AHJUP                      **DIST FAF TO MAP:** 5.15                      **DIST FAF TO THLD:** 5.15
- 4. **MIN ALT:** FODBI 2300, AHJUP 1800, SILIE/1.82 NM TO RW05 740
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **324 HAT:** 0.90                      **GS ANT:**
- 6. **MIN GP INCPT:** 1800                      **GP ALT AT PFAF:** AHJUP 1800                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS NOT CLEAR                      **20:1:** IS CLEAR                      **TCH:** 51.2
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TPA ALTIMETER SETTING.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TPA ALTIMETER SETTING AND INCREASE LPV DA TO 556 FT, LNAV/VNAV DA TO 618 FT AND LNAV MDA 120 FT.  
 INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT C/D VISIBILITY 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 230.16 INBOUND.  
 CHART FAS OBST: 229 TREE 275605N/0814814W.  
 CHART VDP AT 0.97 NM TO RW05.  
 WAAS CHANNEL # 58112  
 REFERENCE PATH ID: W05A  
 LTP HAE: 6.7 M

**MINIMUMS:**

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

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

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	447	1	324	447	1	324	447	1	324	447	1	324			
LNAV/VNAV DA	509	1 1/8	386	509	1 1/8	386	509	1 1/8	386	509	1 1/8	386			
LNAV MDA	520	1	397	520	1	397	520	1 1/8	397	520	1 1/8	397			



**CHANGES - REASONS**

1. INCORPORATED ORIG-D P-NOTAM NOTES CHANGES AND CIRCLING MINIMUMS REMOVAL INTO SIAP - PREVIOUSLY OMITTED.
2. EXPANDED TAA STRAIGHT-IN STEPDOWN RANGE FROM 5 NM TO 9 NM - NEW CONTROLLING OBSTACLE.
3. MOVED IAF EBPAD 0.72 NM NORTHWEST, LENGTHENED INITIAL SEGMENT FROM 5.00 NM TO 5.72 AND CHANGED TRACK FROM 139.98 TO 139.97 IN TERMINAL ROUTES - NEW TARGETS SOFTWARE ASSESSMENT AND TO SUPPORT ATC VECTORS TO INITIAL FIX.
4. MOVED IAF VADDO 0.69 NM SOUTHEAST, LENGTHENED INITIAL SEGMENT FROM 5.00 NM TO 5.69 AND CHANGED TRACK FROM 320.04 TO 320.05 IN TERMINAL ROUTES - NEW TARGETS SOFTWARE ASSESSMENT AND TO SUPPORT ATC VECTORS TO INITIAL FIX.
5. MOVED PFAF AHJUP 324 FT/0.05 NM SOUTHWEST TO NEW PFAF LOCATION - TARGETS SOFTWARE CALCULATION BASED ON TCH CHANGE.
6. MOVED LNAV STEPDOWN FIX SILIE 0.38 NM NORTHEAST AND LOWERED ALTITUDE FROM 840 TO 740 - NEW CONTROLLING OBSTACLE.
7. CHANGED LENGTH OF INTERMEDIATE SEGMENT FODBY-AHJUP FROM 6.10 TO 6.05 IN TERMINAL ROUTES - RESULT OF PFAF AHJUP RELOCATION.
8. CHANGED LENGTH OF FINAL SEGMENT AHJUP-SILIE FROM 2.90 TO 3.33 AND STEPDOWN SEGMENT FROM 2.20 TO 1.82 IN TERMINAL ROUTES - RESULT OF PFAF AHJUP AND SDF SILIE RELOCATIONS.
9. PROFILE LINE 3: CHANGED DIST FAF TO MAP/DIST FAF TO THLD FROM 5.10 TO 5.15 - RESULT OF PFAF RELOCATION.
10. PROFILE LINE 4: CHANGED SDF ENTRY FROM SILIE/2.20 NM TO RW05 840\* TO SILIE/1.82 NM TO RW05 740 - NEW CONTROLLING OBSTACLE ALLOWED LOWERED ALTITUDE. ASTERISK NO LONGER REQUIRED.
11. PROFILE LINE 5: CHANGED DIST FROM THLD TO 324 HAT FROM 0.92 TO 0.90 - RESULT OF TCH CHANGE.
12. PROFILE LINE 7: RAISED TCH FROM 45.0 TO 51.2 - REQUIRED TO CLEAR LPV VGS PENETRATION AND TO MATCH VGSI TCH.
13. CHANGED PBN REQUIREMENTS NOTE FROM "RNP APCH" TO "RNP APCH - GPS." - PER 8260.19J PARA. 8-6-8D(5)(A)1.
14. REMOVED PROFILE NOTE \*LNAV ONLY AND ASSOCIATED ASTERISK FROM FINAL STEPDOWN FIX SILIE/2.20 NM TO RW05 840\* AND VDP AT 0.97 TO RW05\* IN ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CRITERIA.
15. CHANGED BACK-UP ALTIMETER NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 553 FT, LNAV/VNAV DA TO 684 FT AND ALL MDA 120 FT. INCREASE LNAV CAT C VISIBILITY 1/4 SM, CAT D 1/8 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TPA ALTIMETER SETTING AND INCREASE LPV DA TO 556 FT, LNAV/VNAV DA TO 618 FT AND LNAV MDA 120 FT. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT C/D VISIBILITY 1/4 SM" - PER 8260.19J 8-6-10F.
16. CHANGED NOTE FROM "VDP AND BARO-VNAV NA WHEN USING TAMPA INTL ALTIMETER SETTING" TO "VDP AND BARO-VNAV NA WHEN USING TPA ALTIMETER SETTING" - PER PER 8260.19J 8-6-10E(8)(9).
17. CHANGED FAS OBST FROM 239 TREE 275632N/0814756W TO 229 TREE 275605N/0814814W - PREVIOUS CONTROLLING OBSTACLE NOW LOCATED WITHIN THE RUNWAY SURVEY AREA.
18. CHANGED LPV DA VISIBILITY FROM 1 1/4 SM TO 1 SM - PER 8260.3G TABLE 3-3-1.
19. CHANGED LNAV/VNAV VISIBILITY FROM 1 1/2 TO 1 1/8 - PER 8260.3G TABLE 3-3-1.
20. CHANGED LNAV CAT D VISIBILITY FROM 1 1/4 TO 1 1/8 - PER 8260.3G TABLE 3-3-1.
21. FAS DATA: LTP/FTP LAT/LONG CHANGED FROM 275617.3305N/0814721.8265W TO 275617.3245N/0814721.8340W - NEW RUNWAY SURVEY AND UPDATED AIRNAV DATA.
22. FAS DATA: LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00068 TO +00067 - NEW RUNWAY SURVEY AND UPDATED AIRNAV DATA.
23. FAS DATA: FPAP LAT/LONG CHANGED FROM 275719.3000N/0814609.3600W TO 275719.2910N/0814609.3590W - RESULT OF NEW LTP/FTP LAT/LONG.
24. FAS DATA: TCH CHANGED FROM 00045.0 TO 00051.2 - REQUIRED TO CLEAR LPV VGS PENETRATION AND TO MATCH VGSI TCH.
25. FAS DATA: CRC REMAINDER CHANGED FROM FCEAC689 TO 55EDF059 - RESULT OF ABOVE LISTED CHANGES.

**COORDINATED WITH:**

**A4A**  
 **ALPA**  
 **AOPA**  
 **APA**  
 **HAI**  
 **NBAA**

**OTHER:** TPA APP CON, ZMA, BOW ATCT, BOW APT MGR

**FLIGHT CHECKED BY**

MICHAEL W PENDERGRASS

*Digitally signed by*

**RAKE MCGRAW**

Jan 06, 2026

**OFFICE**

AJF

**DATE**

12/18/2025

**DEVELOPED BY**

RALPH DUMAR

*Digitally signed by*

**RALPH DUMAR**

Sep 25, 2025

**OFFICE**

AJV-A422

**DATE**

09/04/2025

**APPROVED BY**

BEV L BORDY

*Digitally signed by*

**RAKE MCGRAW**

Jan 06, 2026

**OFFICE**

AJV-A420

**DATE**

**TITLE  
MANAGER**



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBOW
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	275617.3245N
LTP/FTP LONGITUDE	0814721.8340W
LTP/FTP ELLIPSOIDAL HEIGHT	+00067
FPAP LATITUDE	275719.2910N
FPAP LONGITUDE	0814609.3590W
THRESHOLD CROSSING HEIGHT (TCH)	00051.2
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 55EDF059

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00329
FPAP ORTHOMETRIC HEIGHT	+00329



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> BOW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>AMDT NO.</u> 1	<u>CITY</u> BARTOW	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 125	<u>FACILITY</u> RNAV
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**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

<u>FROM</u> 320/30 CW 140/30	<u>TO</u> 320/9 CW 140/9
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-002454)	272431.15N/0821459.32W	1749	100	20	3C	1000					2800
TERRAIN	274903.00N/0820154.00W	429 (400)								AS1500	1900

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

<u>FROM</u> 320/9 CW 140/9	<u>TO</u> FODBI
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	274903.00N/0820154.00W	630	215	8	4B	1000				AT670	2300
TERRAIN	274903.00N/0820154.00W	429 (400)								AS1500	1900

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**LEFT BASE AREA**

**FROM**  
140/30 CW 230/30

**TO**  
EBPAD

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-002269)	280736.00N/0813302.00W	1133	500	50	5D	1000				AT167	2300
TERRAIN	275318.00N/0815330.00W	449 (400)								AS1500	1900

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**

**RIGHT BASE AREA**

**FROM**  
230/30 CW 320/30

**TO**  
VADDO

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (12-002269)	280736.00N/0813302.00W	1133	500	50	5D	1000				AT167	2300
TERRAIN	274403.00N/0815054.00W	328 (300)								AS1500	1800

**COMPUTATIONS**

ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE

**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
EBPAD

**TO**  
FODBI

**RNP**  
1.00

**DISTANCE**  
5.72

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (12-002672)	275056.00N/0815629.00W	510	500	50	5D	1000				AT790	2300
TERRAIN	275215.00N/0815624.00W	229 (200)								AS1500	1700

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INITIAL**

**FROM**  
VADDO

**TO**  
FODBI

**RNP**  
1.00

**DISTANCE**  
5.69

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (12-003886)	274456.10N/0815331.30W	570	250	50	4D	1000				AT730	2300
TERRAIN	274609.00N/0815603.00W	291 (300)								AS1500	1800

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**INTERMEDIATE**

**FROM**  
FODBI (IF/IAF)

**TO**  
AHJUP

**RNP**  
1.00

**DISTANCE**  
6.05

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (12-020098)	275111.49N/0815201.53W	823	50	20	2C	500				AT477	1800
TERRAIN	275318.00N/0815330.00W	449 (400)								AS1000	1400

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**FINAL: LPV**

**FROM**  
AHJUP

**TO**  
RW05

**RNP**  
0.30

**DISTANCE**  
5.15

**PAT**

**MAP**  
DA

**HAT**  
324

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE (12-030541)	275602.76N/0814732.81W	180	50	20	2C		34.00:1			AC20	447

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**FINAL: LNAV/VNAV**

**FROM**  
AHJUP

**TO**  
RW05

**RNP**  
0.30

**DISTANCE**  
5.15

**PAT**

**MAP**  
DA

**HAT**  
386

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE	275605.00N/0814813.60W	229	50	20	2C	161				AC20 XP99	509

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

XP: TO MAINTAIN CURRENT DA/HAT.

**FINAL: LNAV**

**FROM**  
AHJUP

**TO**  
SILIE/1.82 NM TO RW05

**RNP**  
0.30

**DISTANCE**  
3.33

**PAT**

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (12-003513)	275421.44N/0815023.76W	365	20	3	1A	250				RA120	740

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**FINAL: LNAV STEPDOWN**

**FROM**  
SILIE/1.82 NM TO RW05

**TO**  
RW05

**RNP**  
0.30

**DISTANCE**  
1.82

**PAT**

**MAP**  
RW05

**HAT**  
397

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TREE	275605.00N/0814813.60W	229	50	20	2C	250				XP41	520

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

XP: TO MAINTAIN CURRENT MDA/HAT

**HOLD-IN-LIEU OF PT**

**FROM**  
FODBI

**TO**  
P-5

**RNP**

**DISTANCE**

**PAT**  
P-5

**MAP**

**HAT**

**HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (12-020098)	275111.49N/0815201.53W	823	50	20	2C	1000				AT477	2300
TERRAIN	274903.00N/0820154.00W	429 (400)								AS1500	1900

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**MISSED APPROACH: LPV**

**FROM**  
DA **TO**  
ZOMOV

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
220

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				2300
TOWER (12-002173)	280410.00N/0813639.00W	528	500	50	5D	1000					1600
TERRAIN	280248.00N/0813648.00W	229 (200)								AS1500	1700

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV/VNAV**

**FROM**  
DA **TO**  
ZOMOV

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
348

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				2300
TOWER (12-002173)	280410.00N/0813639.00W	528	500	50	5D	1000					1600
TERRAIN	280248.00N/0813648.00W	229 (200)								AS1500	1700

**COMPUTATIONS**

**ALT    KIAS    KTAS    HAA    VKTW    TR    BA    DTA    COURSE CHANGE    DVEB    VEB OCS    RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

**MISSED APPROACH: LNAV**

**FROM** RW05 **TO** ZOMOV

**RNP**  
0.30-1.00

**DISTANCE**

**PAT**

**MAP**

**HAT**

**HMAS**  
420

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2300
TOWER (12-002173)	280410.00N/0813639.00W	528	500	50	5D	1000					1600
TERRAIN	280248.00N/0813648.00W	229 (200)								AS1500	1700

**COMPUTATIONS**

**ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**CIRCLING**  ALL CATS  CAT A  CAT B  CAT C  CAT D  CAT E  NOT AUTHORIZED

**MSA/ESA**

**CENTER RADIUS**

**REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

100 FT VEGETATION PER FPT.

CIRCLING CANCELED FOR ALL RNAV APPROACHES PER THE NATIONAL PROCEDURES ASSESSMENT (NPA) INITIATIVE. VOR RWY 9L RETAINS CIRCLING MINIMUMS.

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

TPA APP CON, BOW TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	BOW	24	BOW		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	TPA	24	TPA	39.81	Y	109

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
KBOW 125, KTPA 8  
RA = 108.9



**PRIMARY NAVAID MONITOR POINT HRS OPERATION CAT**



<u>AIRPORT ID</u> BOW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>AMDT NO.</u> 1	<u>CITY</u> BARTOW	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 125	<u>FACILITY</u> RNAV
159 TREE (12-201988) 275607.2800N/0814736.6000W (8.23)			151 TREE (12-202731) 275609.2100N/0814734.6300W (7.95)			
140 TREE (12-199750) 275612.1400N/0814732.2200W (7.57)			170 TREE (12-202537) 275606.1000N/0814741.5300W (7.43)			
169 TREE (12-198709) 275602.0800N/0814736.6800W (7.37)			164 TREE (12-200111) 275602.8500N/0814734.9000W (7.33)			
146 TREE (12-197855) 275610.7300N/0814734.1100W (7.07)			148 TREE (12-031226) 275609.8800N/0814734.3800W (6.81)			
171 TREE (12-199568) 275601.1300N/0814737.0300W (6.74)			146 TREE (12-198773) 275610.2600N/0814734.0500W (6.22)			
160 TREE (12-198099) 275603.1400N/0814733.7200W (6.17)			140 TREE (12-199086) 275611.7500N/0814732.7000W (5.85)			
170 TREE (12-200622) 275601.0000N/0814736.8400W (5.84)			155 TREE (12-201031) 275604.1600N/0814732.4100W (5.77)			
168 TREE (12-199798) 275601.0800N/0814735.9800W (5.64)			156 TREE (12-198991) 275603.8400N/0814732.7000W (5.56)			
138 TREE (12-199499) 275611.7300N/0814732.2400W (4.69)			151 TREE (12-198241) 275607.4800N/0814734.5600W (4.52)			
151 TREE (12-198800) 275609.1100N/0814736.4300W (4.33)			162 TREE (12-197813) 275602.5900N/0814735.2400W (4.15)			
162 TREE (12-200289) 275602.1500N/0814734.7700W (4.14)			156 TREE (12-200955) 275603.4400N/0814733.1700W (3.84)			
149 TREE (12-201683) 275608.6200N/0814735.1300W (3.79)			153 TREE (12-201158) 275608.0000N/0814736.6100W (3.7)			
159 TREE (12-199363) 275602.9200N/0814734.2600W (3.7)			144 TREE (12-201052) 275610.3300N/0814734.4900W (3.53)			
171 TREE (12-031503) 275605.5300N/0814743.5600W (3.4)			140 TREE (12-030746) 275611.2700N/0814733.4800W (3.38)			
149 TREE (12-198183) 275606.6900N/0814733.3100W (3.27)			156 TREE (12-201807) 275603.6300N/0814733.6800W (3.26)			
153 TREE (12-198420) 275607.8400N/0814736.7500W (3.1)			165 TREE (12-199996) 275602.1400N/0814736.9000W (3.07)			
140 TREE (12-199917) 275611.0400N/0814733.4000W (3.06)			141 TREE (12-200309) 275610.2900N/0814733.1300W (3.03)			
136 TREE (12-202563) 275610.4300N/0814730.6500W (3.03)			142 TREE (12-198159) 275610.1500N/0814733.5500W (2.94)			
135 TREE (12-201156) 275611.1100N/0814731.0500W (2.67)			153 TREE (12-198932) 275605.3100N/0814734.2400W (2.66)			
151 TREE (12-202533) 275604.3500N/0814732.1500W (2.65)			170 TREE (12-200602) 275604.6000N/0814742.6400W (2.23)			
158 TREE (12-201884) 275603.1500N/0814734.7600W (2.22)			149 TREE (12-198734) 275607.2000N/0814734.4400W (2.17)			
160 TREE (12-201690) 275602.3100N/0814734.9400W (2.15)			141 TREE (12-200482) 275610.5300N/0814733.9000W (2.06)			
150 TREE (12-201685) 275604.8200N/0814732.4500W (2.05)			155 TREE (12-198121) 275603.7600N/0814733.9300W (2.05)			
144 TREE (12-197770) 275608.1100N/0814732.9200W (1.94)			136 TREE (12-202761) 275611.5500N/0814732.5400W (1.75)			
149 TREE (12-201262) 275604.7900N/0814732.1400W (1.58)			146 TREE (12-197987) 275608.8200N/0814734.9600W (1.52)			
154 TREE (12-200189) 275603.6000N/0814733.5200W (1.5)			167 TREE (12-030747) 275601.6200N/0814738.2200W (1.49)			
143 TREE (12-198660) 275609.5300N/0814734.2300W (1.37)			164 TREE (12-197941) 275601.3200N/0814736.4000W (1.33)			
154 TREE (12-202628) 275602.7300N/0814732.6900W (1.29)			147 TREE (12-200411) 275609.0300N/0814735.8400W (1.28)			
144 TREE (12-199031) 275609.1400N/0814734.4200W (1.21)			157 TREE (12-200191) 275602.2600N/0814733.8200W (1.17)			
152 TREE (12-197980) 275604.9000N/0814734.0700W (1.14)			152 TREE (12-202450) 275607.6600N/0814737.0700W (1.12)			
138 TREE (12-201902) 275610.8500N/0814733.1700W (1.11)			143 TREE (12-198355) 275609.7000N/0814734.6300W (0.96)			
154 TREE (12-201647) 275603.2300N/0814733.4100W (0.95)			138 TREE (12-201426) 275610.0500N/0814732.3900W (0.94)			
164 TREE (12-031299) 275600.9300N/0814736.2200W (0.87)			166 TREE (12-198884) 275600.9200N/0814737.3000W (0.8)			
136 TREE (12-201393) 275610.1400N/0814731.5700W (0.68)			145 TREE (12-198531) 275608.9500N/0814735.0900W (0.54)			
133 TREE (12-091597) 275612.4500N/0814732.6900W (0.31)			146 TREE (12-031481) 275608.1700N/0814734.9000W (0.3)			



**AIRPORT ID**  
BOW

**PROCEDURE NAME**  
RNAV (GPS) RWY 5

**AMDT NO.**  
1

**CITY**  
BARTOW

**STATE**  
FL

**AIRPORT ELEVATION**  
125

**FACILITY**  
RNAV

150 TREE (12-201153) 275604.0800N/0814732.5700W (0.3)	150 TREE (12-199190) 275607.7100N/0814736.5100W (0.29)
142 TREE (12-201938) 275610.0300N/0814734.8200W (0.28)	145 TREE (12-201276) 275607.4100N/0814733.5600W (0.28)
140 TREE (12-197966) 275609.5600N/0814733.2700W (0.26)	150 TREE (12-200670) 275608.2900N/0814737.2400W (0.1)
164 TREE (12-201850) 275559.9100N/0814735.5300W (0.08)	149 TREE (12-200533) 275606.3600N/0814734.6300W (0.08)
152 TREE (12-201355) 275606.3300N/0814736.1900W (0.05)	143 TREE (12-200953) 275608.8800N/0814734.2300W (0.03)
149 TREE (12-198628) 275607.7600N/0814736.1800W (0.02)	

**PENETRATIONS REMARKS:**

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.



AIRPORT ID  
BOW

PROCEDURE NAME  
RNAV (GPS) RWY 5

AMDT NO.  
1

CITY  
BARTOW

STATE  
FL

AIRPORT ELEVATION  
125

FACILITY  
RNAV

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

<b>DISTANCE FROM</b>	THLD	<b>TO 1000FT POINT</b>	2.97
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1000FT POINT</b>	1.60
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	46.05
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1000FT POINT</b>	100
<b>DISTANCE FROM</b>	THLD	<b>TO 1500FT POINT</b>	4.7
<b>WIDTH OF</b>	FINAL	<b>SEGMENT AT 1500FT POINT</b>	1.98
<b>TRUE COURSE OF</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	46.05
<b>HIGH TERRAIN IN</b>	FINAL	<b>SEGMENT CONTAINING 1500FT POINT</b>	100

**THRESHOLD COORDINATES (IF STR-IN)**

275617.32N/0814721.83W

**ARP COORDINATES**

275636.09N/0814700.37W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP**

RUNWAY 27R DISTANCE 0.45 NM

**FAF COORDINATES**

275242.23N/0815133.14W

**FIX NAME COORDINATES**

IAF VADDO 274423.25N/0815200.47W,  
IF/IAF FODBI 274829.62N/0815627.70W,  
IAF EBPAD 275237.14N/0820056.68W

**REMARKS**

TAA RADIUS: 30 NM

NO ADDITIONAL AIRSPACE REQUIRED.

IAF VADDO: 274423.25N/0815200.47W, IF/IAF FODBI: 274829.62N/0815627.70W, IAF EBPAD: 275237.14N/0820056.68W

**PART E: PREPARED BY**

NAME

RALPH DUMAR

OFFICE

AJV-A422

DATE

09/04/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

