

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.

<u>AIRPORT</u> BARTOW EXECUTIVE	<u>AIRPORT ID</u> KBOW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 9L	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> BARTOW	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 125	<u>TDZE</u> 125	<u>SUPERSEDED</u> RNAV (GPS) RWY 9L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 01/14/2010	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 19-15.

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CROWD		GUVEQ		TF	FO	1.00	356.56	16.16	3000
GUVEQ	IF/IAF	LAVXY		TF	FB	1.00	090.98	6.10	1800
LAVXY	FAF	RW09L	MAP	TF	FO	0.30	091.04	5.07	
RW09L	MAP	442 MSL		CA			091.04		
442 MSL		IVONY		DF	FO	1.00			2000

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW09L

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2000 DIRECT IVONY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W GUEVQ, RT, 090.98 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 091.04 FAF: LAVXY DIST FAF TO MAP: 5.07 DIST FAF TO THLD: 5.07

4. MIN ALT: GUEVQ 2000, LAVXY 1800

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 317 HAT: 0.88 GS ANT: MM: IM:

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

7. GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW09L 2700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 09R, 27L NA AT NIGHT.
CHART NTOE: RWY 9L 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 548 FT, LNAV/VNAV DA TO 645 FT AND ALL MDA 120 FT, INCREASE LNAV CAT C AND D AND CIRCLING CAT D VISIBILITY 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.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CROWD ON V7 SOUTHBOUND AND V509 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.19 NM TO RW09L*
*LNAV ONLY
WAAS CHANNEL #90511
REFERENCE PATH ID: W09A
CHART FAS OBST: 271 TOWER 275709N/0815217W.
HOLD E, RT, 271.19 INBOUND
LTP HAE: 9.5 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	442	1 1/4	317	442	1 1/4	317	442	1 1/4	317	442	1 1/4	317			
LNAV/VNAV DA	539	1 1/2	414	539	1 1/2	414	539	1 1/2	414	539	1 1/2	414			
LNAV MDA	540	1	415	540	1	415	540	1 1/4	415	540	1 1/4	415			
CIRCLING	600	1	475	600	1	475	600	1 1/2	475	680	2	555			

QUALITY
35
CHECKED

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 9/1896, 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 9L HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 8260.19H 8-6-11.K.
6. REMOVED CHART FAS OBST: 269 TREE 275655N/0814751W FROM ADDITIONAL FLIGHT DATA - FAS OBSTACLE ONLY FOR NON-PRECISION CONTROLLER, 8260.19H 8-6-10.C.
7. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CROWD ON V7 SOUTHBOUND AND V509 SOUTHEAST BOUND" - TURNS EXCEED 90 DEGREES.
8. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
9. ADDED 20:1 IS CLEAR" ON LINE 7 - PER .19H PARA 8-6-7G (3).
10. ADDED "CHART NOTE: CIRCLING RWY 09R, 27L NA AT NIGHT" - NO SURVEY. UNABLE TO VERIFY VISUAL SURFACE CLEAR.
11. 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.
12. CHANGED CHART NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL DA 106 FT, ALL MDA 120 FT, INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CAT C VISIBILITY AND CIRCLING CAT D VISIBILITY 1/4 MILE, AND LNAV CAT D 1/2 MILE TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 548 FT, LNAV/VNAV DA TO 645 FT AND ALL MDA 120 FT, INCREASE LNAV CAT C AND D AND CIRCLING CAT D VISIBILITY 1/4 SM - 8260.3D TABLE 3-3 -1.

06/19/2019: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/03/2019.
1. CHANGED CHART NOTE TO READ "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CROWD ON V7 SOUTHBOUND AND V509 SOUTHEAST BOUND."

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: TPA ATCT, ZMA, BOW ATCT, 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

Jun 24, 2019
OFFICE
AJV-A421

DATE

03/20/2019

APPROVED BY

MARLON ROBINSON
Digitally signed by
DAVID DANNER
Jun 24, 2019

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	RW09L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	275640.3850N
LTP/FTP LONGITUDE	0814726.2000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00095
FPAP LATITUDE	275644.9300N
FPAP LONGITUDE	0814545.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
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	8757FD69
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00357
FPAP ORTHOMETRIC HEIGHT	+00357

