

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 27R	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> BARTOW	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 125	<u>TDZE</u> 125	<u>SUPERSEDED</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> 1A	<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

<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>
LAL VORTAC		IVONY		TF	FO	1.00	098.42	23.95	2000
IVONY	IF/IAF	CEZBA		TF	FB	1.00	271.19	6.10	1800
CEZBA	FAF	RW27R	MAP	TF	FO	0.30	271.13	5.11	
RW27R	MAP	470 MSL		CA			271.13		
470 MSL		GUVEQ		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT GUVEQ AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E IVONY, RT, 271.19 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 271.13FAF: CEZBADIST FAF TO MAP: 5.11DIST FAF TO THLD: 5.11

4. MIN ALT: IVONY 2000, CEZBA 1800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:345 HAT: 1.00GS ANT:

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

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 35.0

8. MSA FROM: RW27R 2700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 09R, 27L NA AT NIGHT.
CHART NOTE: RWY 27R 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 576 FEET, LNAV/VNAV DA TO 636 FEET AND ALL MDA 120 FT, INCREASE LPV VISIBILITY ALL CATS 1/8 SM, INCREASE LNAV VISIBILITY CAT C 1/4 SM, CAT D 1/8 SM AND CIRCLING CAT C 1/8 SM, CAT D 1/4 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LAL VORTAC AIRWAY RADIALS 046 CW 171.
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 VDP AT 1.36 NM TO RW27R*
*LNAV ONLY
WAAS CHANNEL #82412
REFERENCE PATH ID: W27A
CHART FAS OBST: 275 TOWER 275710N/0814647W.
HOLD W, RT, 090.98 INBOUND
LTP HAE: 8.7 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	470	1 1/4	345	470	1 1/4	345	470	1 1/4	345	470	1 1/4	345			
LNAV/VNAV DA	530	1 1/2	405	530	1 1/2	405	530	1 1/2	405	530	1 1/2	405			
LNAV MDA	580	1	455	580	1	455	580	1 3/8	455	580	1 1/2	455			
CIRCLING	600	1	475	600	1	475	600	1 1/2	475	680	2	555			

QUALITY
10
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 9/1895, 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 27R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 8260.19H 8-6-11.K.
6. REMOVED CHART FAS OBST: 229 TREE 275710N/0814647W FROM ADDITIONAL FLIGHT DATA - FAS OBSTACLE ONLY FOR NON-PRECISION CONTROLLER, 8260.19H 8-6-10.C.
7. CHANGED LNAV CAT C VISIBILITY FROM 1 1/4 SM TO 1 3/8 SM - 8260.3D TABLE 3-3-1.
8. CHANGED CHART PLANVIEW NOTE FROM: PROCEDURE NA FOR ARRIVAL ON LAL VORTAC VIA AIRWAY RADIALS 046 CW 153 TO: PROCEDURE NA FOR ARRIVAL ON LAL VORTAC AIRWAY RADIALS 046 CW 171 - 8260.19H 8-2-5.E.
9. CHANGED CHART NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL SETTING AND INCREASE ALL DA 106 FEET AND ALL MDA 120 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, INCREASE LNAV VISIBILITY CAT C AND D 1/4 MILE, AND CIRCLING VISIBILITY CAT D 1/4 MILE TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 576 FEET, LNAV/VNAV DA TO 636 FEET AND ALL MDA 120 FT, INCREASE LPV VISIBILITY ALL CATS 1/8 SM, INCREASE LNAV VISIBILITY 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, 8260.19H 8-2-5.E.
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. 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.
14. CHANGED DIST TO THLD FROM 345 HAT FROM: 1.01 NM TO: 1.00 NM - PER TARGETS BUILD.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZMA, TPA ATCT, 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

DEVELOPED BY

DAVID DANNER (ANTHONY CAPPABIANCO)

APPROVED BY

MARLON ROBINSON

Digitally signed by

DAVID DANNER

May 03, 2019

OFFICE

Digitally signed by

DAVID DANNER

May 03, 2019

OFFICE

AJV-A421

OFFICE

AJV-A420

DATE

DATE

03/25/2019

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	RW27R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	275642.9050N
LTP/FTP LONGITUDE	0814630.5195W
LTP/FTP ELLIPSOIDAL HEIGHT	+00087
FPAP LATITUDE	275638.3600N
FPAP LONGITUDE	0814810.9900W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
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	97A23FA1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00350
FPAP ORTHOMETRIC HEIGHT	+00350

QUALITY
10
CHECKED