

**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 ID</u> KPBI	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 14	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> WEST PALM BEACH	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 20	<u>TDZE</u> 17	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 14	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 1 DECEMBER 2022	<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>
JEMAL	IF/IAF	RIBEE		TF	FB	1.00	141.12	6.00	1500
RIBEE	FAF	RW14	MAP	TF	FO	0.30	141.16	4.50	
RW14	MAP	269 MSL		CA			141.16		
269 MSL		PIBOY		DF	FB	1.00			
PIBOY		LANCH		TF	FO	1.00	205.46	8.37	2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT PIBOY AND ON TRACK 205.46 TO LANCH AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW JEMAL, LT, 141.12 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 141.16FAF: RIBEEDIST FAF TO MAP: 4.50DIST FAF TO THLD: 4.50

4. MIN ALT: JEMAL 3000, RIBEE 1500

5. DIST TO THLD FROM OM:MM:IM:150 HAT:252 HAT: 0.63GS ANT:

6. MIN GP INCPT: 1500GP ALT AT PFAF : RIBEE 1500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 51.0

8. MSA FROM: RW14 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 6°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.00 INBOUND.
CHART FAS OBST: 206 TOWER (12-025663) 264235N/0800815W.
CHART 506 TOWER 264536N/0800839W.
CHART R-2936.
CHART VDP AT 1.18 NM TO RW14.
WAAS CHANNEL # 40018
REFERENCE PATH ID: W14A
CHART CIRCLING ICON.
LTP HAE: -21.1 M

MINIMUMS:

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

ALTERNATE: NA

☐

STANDARD - CAT D 800-2 1/2

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	269	3/4	252	269	3/4	252	269	3/4	252	269	3/4	252			
LNAV/VNAV DA	338	1	321	338	1	321	338	1	321	338	1	321			
LNAV MDA	460	1	443	460	1	443	460	1 3/8	443	460	1 3/8	443			
CIRCLING	560	1	540	560	1	540	740	2	720	780	2 1/2	760			

QUALITY
22
CHECKED

CHANGES - REASONS

1. ADDED JEMAL HIL AND ASSOCIATED INFORMATION - ATC REQUEST PER TARGETS DISTRIBUTION PACKAGE.
2. CHANGED FAF FROM ZABTA TO RIBEE AND FAF ALTITUDE FROM 1100 TO 1500 - ATC REQUEST PER TARGETS DISTRIBUTION PACKAGE.
3. CHANGED MISSED APPROACH DIRECT TO WAYPOINT FROM CUSIK TO PIBOY AND TRACK FROM 203.05 TO 205.46 - EARLY TURN POINT FOR CUSIK AS FB WP LOCATED PRIOR TO END LINE FOR MA SECTION 1 SECONDARY BOUNDARY (VIOLATES FAAO 8260.58B, PARA 3-7-3A(1)(B)1 CRITERIA AS PUBLISHED)/FPT REQUEST VIA EMAIL.
4. REMOVED CIRCLING TO RWY 10L NA AT NIGHT CHART NOTE - 17 MSL SIGN (12-025619) 264057.55N/0800619.21W IS IDENTIFIED BY TARGETS AS A 20:1 PENETRATOR FOR THE RWY 10L CIRCLING VISUAL AREA. FPT IDENTIFIED OBSTACLE AS FIXED BY FUNCTION ON 05/12/2017 VIA THE 20:1 TRACKER ENTRY # 1870.
5. CHANGED FAS OBSTACLE FROM 455 TOWER TO 206 TOWER AND ADDED CHART 506 TOWER - NEW FAF LOCATION/NEW CONTROLLING OBSTACLE/7:1 OBSTACLE EXCLUSION LOWERED LNAV MINIMUMS.
6. CHANGED VDP FROM 2.11 TO 1.18 - NEW FAF LOCATION/NEW CONTROLLING OBSTACLE/7:1 OBSTACLE EXCLUSION LOWERED LNAV MINIMUMS.
7. CHANGED LNAV ALL CATS MDA/HAT FROM 760/743 TO 460/443, LNAV CAT B VIS FROM 1 1/4 TO 1, AND LNAV CATS C/D VIS FROM 2 TO 1 3/8 - NEW CONTROLLING OBSTACLE IN LNAV SEGMENT.
8. CHANGED CIRCLING CATS A/B CMDA/HAA FROM 760/740 TO 560/540, CIRCLING CAT C CMDA/HAA FROM 760/740 TO 740/720, AND CIRCLING CAT B VIS FROM 1 1/4 TO 1 - NEW CONTROLLING OBSTACLE IN LNAV SEGMENT.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, PBI ATCT, PBI AMGR

*Digitally signed by***FLIGHT CHECKED BY****ALLAN WILL**

LOGAN J SMITH

Oct 19, 2022

OFFICE

FPO

DATE

10/06/2022

DEVELOPED BY*Digitally signed by*MICHAEL R. GARRITY JR. **MICHAEL GARRITY**

Apr 14, 2022

OFFICE

AJV-A423

DATE

02/10/2022

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Oct 19, 2022

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	KPBI
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	264130.5960N
LTP/FTP LONGITUDE	0800614.4820W
LTP/FTP ELLIPSOIDAL HEIGHT	-00211
FPAP LATITUDE	264027.2135N
FPAP LONGITUDE	0800504.3630W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0640
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CC69D092

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00052
FPAP ORTHOMETRIC HEIGHT	+00052

