

**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 32	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> WEST PALM BEACH	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 20	<u>TDZE</u> 16	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 32	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 AUGUST 2021	<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>
LIDRE	IF	RUMDE		TF	FB	1.00	321.26	7.50	1500
RUMDE	FAF	RW32	MAP	TF	FO	0.30	321.21	4.48	
RW32	MAP	266 MSL		CA			321.21		
266 MSL		FOMID		DF	FB	1.00			
FOMID		MORGA		TF	FO	1.00	004.93	11.14	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT FOMID AND ON TRACK 004.93 TO MORGA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT LIDRE

3. FAF: 321.21

FAF: RUMDE

DIST FAF TO MAP: 4.48

DIST FAF TO THLD: 4.48

4. MIN ALT: LIDRE 3000, RUMDE 1500

5. DIST TO THLD FROM FAF: 4.48

MM:

IM:

150 HAT:

250 HAT: 0.61

GS ANT:

6. MIN GP INCPT: 1500

GP ALT AT FAF : RUMDE 1500

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 57.0

8. MSA FROM: RW32 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 10L NA AT NIGHT.
CHART NOTE: RWY 32 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LIDRE ON V295 SOUTHBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 343.00 INBOUND.
CHART FAS OBST: 181 BLDG TOWER (12-004582) 264012N/0800533W.
CHART VDP AT 1.06 NM TO RW32.
WAAS CHANNEL # 62903
REFERENCE PATH ID: W32A
CHART CIRCLING ICON.
LTP HAE: -21.5 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	266	3/4	250	266	3/4	250	266	3/4	250	266	3/4	250			
LNAV/VNAV DA	342	1	326	342	1	326	342	1	326	342	1	326	QUALITY 10 CHECKED		
LNAV MDA	440	1	424	440	1	424	440	1 1/4	424	440	1 1/4	424			
CIRCLING	560	1	540	560	1	540	740	2	720	780	2 1/2	760			

CHANGES - REASONS

1. INCORPORATED P-NOTAM FDC 4/8000 AND FDC 0/5943 EXCEPT CHANGED CIRCLING MDA/HAA FROM 680/660 TO 740/720 AND VISIBILITY FROM 1 3/4 TO 2 - NEW EVALUATION AND CONTROLLING OBSTACLE.
2. REMOVED FEEDER PBI TO LIDRE - PER FPT
3. ADDED CA LEG TO TERMINAL ROUTES - PROVIDE CODING REFERENCE.
4. CHANGED MISSED APPROACH INSTRUCTION FROM CLIMB TO 2000 DIRECT FOMID AND VIA TRACK 004.93 TO MORGA AND HOLD TO CLIMB TO 3000 DIRECT FOMID AND ON TRACK 004.93 TO MORGA AND HOLD - PER FPT.
5. PROFILE LINE 2: CHANGED FROM HOLD SE LIDRE, RT, 321.26 INBOUND, 3000 FT, IN LIEU OF PT (IAF) TO PROFILE STARTS AT LIDRE - REMOVED PROCEDURE HOLD IN LIEU OF PT PER FPT.
6. PROFILE LINE 3: FAC CHANGED FROM 322.22 TO 321.21, AND DIST FAF TO MAP/THLD CHANGED FROM 4.43 TO 4.48 - NEW EVALUTION AND FAF RUMDE RELOCATED.
7. PROFILE LINE 5: ADDED DIST TO THLD FROM FAF: 4.48 AND 250 HAT: 0.61, AND REMOVED ADDITIONAL FLIGHT DATA DISTANCE TO THLD FROM 320 HAT:0.83 NM - LPV DA/HAT LOWERED FROM 336/320 TO 266/250 AND RECALCULATED SLOPE FROM 27.03:1 TO 34.00:1
8. PROFILE LINE 7: ADDED 20:1 IS CLEAR - CONFIRMED CLEAR BY TARGETS EVALUATION; 8260.19I, 8-6-7.G(3)(A).
9. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LIDRE ON V295 SOUTHBOUND - 8260.3D 2-4-1.
10. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH - GPS TO PBN REQUIREMENTS NOTE - 8260.19I, 8-6-8.B (1).
11. ADDED CHART NOTE: CIRCLING TO RWY 10L NA AT NIGHT - UNLIT 20:1 PENETRATIONS ON RWY 10L.
12. CHANGED CHART NOTE FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5F) OR ABOVE 48C (118F). TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 6°C OR ABOVE 54°C - RECALCULATED HISTORICAL TEMPERATURES 2016-2020;UPDATED IAW 8260.19I, 8-6-9.R.
13. CHANGED CHART NOTE: FROM VISIBILITY REDUCTION BY HELICOPTERS NA TO CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATIONS.
14. CHANGED CHART PROFILE NOTE FROM VGSI AND RNAV GLIDEPATH NOT COINCIDENT TO CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - 8260.19I, 8-6-9.M(2)
15. REMOVED CHART PLANVIEW NOTE PROCEDURE NA FOR ARRIVALS ON PBI VORTAC AIRWAY RADIALS 093 CW 189 - FEEDER ROUTE REMOVED.
16. REMOVED LNAV ONLY* FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
17. CHANGED CHART FAS OBST CHANGED FROM CHART FAS OBST: 181 BLDG TOWER 264012N/0800533W TO CHART FAS OBST: 181 BLDG TOWER (12-004582) 264012N/0800533W - UPDATED CONTROLLING OBSTACLE FORMAT.
18. ALTERNATE MINIMUMS CHANGED FROM STANDARD CAT D 800-2 1/4 TO STANDARD CAT D 800 2 1/2 - DUE TO CAT D MINIMA INCREASE WITH NEW CIRCLING RADII APPLIED/DOCUMENTATION.
19. CHANGED LPV DA/HAT FROM 336/320 TO 266/250 - NEW EVALUTION AND PFAF RELOCATED.
20. CHANGED LNAV/VNAV DA/HAT FROM 431/415 TO 342/326 AND VIS FROM 1 1/2 TO 1 - NEW EVALUTION AND PFAF RELOCATED.
21. FAS DATA BLOCK: CRC REMAINDER CHANGED FROM 30C70719 TO 07F09924 - LTP/FPT LAT/LONG CHANGED FROM 264044.9200N/0800523.9500W TO 264044.8490N/0800523.8710W, FPAP LAT/LONG CHANGED FROM 264148.3100N/0800634.0600W TO 2641448.2295N/08000633.9945.

COORDINATED WITH:

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

FLIGHT CHECKED BY

MARC J HINCK

*Digitally signed by***JASON KRETSCHMER**

Jun 14, 2021

OFFICE

FICO

DATE

06/03/2021

DEVELOPED BY

JASON KRETSCHMER (RAYMOND JOHNSON)

*Digitally signed by***JASON KRETSCHMER**

May 14, 2021

OFFICE

AJV-A421

DATE

04/14/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

May 14, 2021

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	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	264044.8490N
LTP/FTP LONGITUDE	0800523.8710W
LTP/FTP ELLIPSOIDAL HEIGHT	-00215
FPAP LATITUDE	264148.2295N
FPAP LONGITUDE	0800633.9945W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	07F09924

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00048
FPAP ORTHOMETRIC HEIGHT	+00048

