

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 10L	<u>ORIGINAL/AMENDMENT</u> 28	<u>CITY</u> WEST PALM BEACH	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 20	<u>TDZE</u> 16	<u>SUPERSEDED</u> ILS OR LOC RWY 10L	<u>ORIGINAL/AMENDMENT</u> 27	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-PBI	<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>
PBI VORTAC		WILBA/I-PBI 14.69 DME/RADAR					276.32	14.06	3000
GULLO	IAF	WILBA/I-PBI 14.69 DME/RADAR	NOPT	TF	FB	1.00	099.54	7.00	3000
WILBA/I-PBI 14.69 DME/RADAR	IF/IAF	ZISUR/I-PBI 7.68 DME/RADAR					098.77	7.00 (I-PBI)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: I-PBI 1.62 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 323 AND PBI VORTAC R-343 TO MORGA/PBI 17.81 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W WILBA, LT, 098.77 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4500.
- FAC: 098.77 FAF: ZISUR/I-PBI 7.68 DME/RADAR DIST FAF TO MAP: DIST FAF TO THLD: 6.07
- MIN ALT: WILBA/I-PBI 14.69 DME/RADAR 3000, ZISUR/I-PBI 7.68 DME/RADAR 2000, PASTE/I-PBI 2.97 DME/RADAR 500
- DIST TO THLD FROM FAF: 6.07 MM: IM: 150 HAT: GS ANT: 997
- MIN GS INCPT: 2000 GS ALT AT FAF: ZISUR/I-PBI 7.68 DME/RADAR 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 51.7
- MSA FROM: PBI VORTAC 2600



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RNP APCH-GPS. FROM GULLO.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PBI VORTAC AIRWAY RADIALS 273 CW 327.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10L CAT C/D VISIBILITY TO RVR 5500.
#CHART NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT GULLO.
HOLD S, RT, 343.23 INBOUND.
CHART FAS OBST: 116 TREE (12-087482) 264111N/0800722W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 10L#	216	2400	200	216	2400	200	216	2400	200	216	2400	200			
S-LOC 10L	380	2400	364	380	2400	364	380	3500	364	380	3500	364			
CIRCLING	560	1	540	560	1	540	740	2	720	780	2 1/2	760			



CHANGES - REASONS

1. REMOVED ALT MA AND CHANGED MA INSTRUCTIONS FROM "CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 240 AND PBI VORTAC R-189 TO LANCH INT/PBI 10.00 DME AND HOLD." TO "CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 323 AND PBI VORTAC R-343 TO MORG/PBI 17.81 DME AND HOLD.". - PBI VORTAC UNUSABLE FROM R-185 - R195 BEYOND 13 DME REPORTED BY FLIGHT CHECK.
2. ADDED "MAX 4500" TO LINE 2. - IAW 8260.19I 8-6-7.
3. CHANGED PASTE DME VALUE FROM 2.92 TO 2.97. - MOVED PASTE FIX.
4. REMOVED DIST FAF TO MAP: 6.07 FROM LINE 3, REMOVED "" FROM PASTE FIX DESCRIPTION IN LINE 4 AND ADDED "DIST TO THLD FROM FAF: 6.07" TO LINE 5 IN PROFILE. - PROCEDURE IS NOW DME REQUIRED AND IAW 8260.19I 8-6-7.
5. REMOVED "CHART PLANVIEW NOTE ADJACENT TO GULLO (IAF): GPS REQUIRED." FROM NOTES AND "CHART PLANVIEW NOTE: DME OR RADAR REQUIRED." FROM ADDITIONAL FLIGHT DATA, AND ADDED "RNP APCH - GPS. FROM GULLO" AND "DME REQUIRED." TO EQUIPMENT REQUIREMENTS NOTES. - IAW 8260.19I 8-6-8.
6. CHANGED HOLDING FROM 008.62 TO 343.23, ADDED OBST ID (12-087482) TO FAS OBST, ADDED "CHART MANDATORY 5000 AT GULLO.", AND REMOVED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S MORG INT/TRV 45.70 DME, RT, 347.05 INBOUND" AND "CHART IN PLANVIEW: MORG INT/TRV 45.70 DME" FROM ADDITIONAL FLIGHT DATA. - REDESIGN OF PROCEDURE AND IAW 8260.19I 8-6-10.
7. REMOVED ALT MA. - REMOVED LANCH MA AND NO VIABLE FACILITIES IN AREA FOR ALT MA REPLACEMENT.
8. ADDED "NOPT" TO GULLO-WILBA IAF. - IAW 8260.19I 8-6-4.
9. CHANGED ALTERNATE MINS FOR ILS FROM STANDARD EXCEPT CAT C 700-2, CAT D 800 2-1/2 TO STANDARD. - IAW 8260.3D 3-4-1.
10. CHANGED LOC MAP FROM "6.07 NM AFTER ZISUR/I-PBI 7.68 DME/RADAR OR AT I-PBI 1.62 DME" TO "I-PBI 1.62 DME". - IAW 8260.19I 8-6-6 C.
11. REMOVED PASTE FIX (S-LOC 10L AND CIRCLING) MINS. - CHANGED PROCEDURE TO DME REQUIRED.
12. ADDED PROCEDURE NA FOR ARRIVAL NOTE AND CHANGED ALS INOP NOTE FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10L CAT C/D VISIBILITY TO 1 3/8 SM AND PASTE FIX MINIMUMS S-LOC 10L CAT C/D VISIBILITY TO RVR 5500." TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10L CAT C/D VISIBILITY TO RVR 5500." IN NOTES. - IAW 8260.19I 8-6-9.
13. REMOVE ""LOC ONLY" FROM NOTES. - IAW 8260.19I 8-6-10.
14. RAISED CIRCLING CAT C MINS FROM 680/660/1 3/4 TO 740/720/2 IN MINS. - NEW EVAL YIELDS NEW CONTROLLING OBST.
15. CHANGED S-LOC 10L MDA/HAT FROM 500/484 TO 380/364 ALL CATS AND CAT C/D VIS FROM RVR 5000 TO RVR 3500 - DME NOW REQUIRED, SEPARATE FIX MINS NOT REQUIRED SO APPLIED OLD PASTE S-LOC 10L FIX MINS.

COORDINATED WITH:

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

FLIGHT CHECKED BY

MARC J HINCK

*Digitally signed by***JOHN BORDY**

Jun 10, 2021

*Digitally signed by***JOHN BORDY**

Jun 10, 2021

OFFICE

FICO

DATE

06/03/2021

DEVELOPED BY

JOHN BORDY (ANDRE TUCKER)

OFFICE

AJV-A422

DATE

03/31/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JOHN BORDY**

Jun 10, 2021

OFFICE

AJV-A420

DATE**TITLE**
MANAGER