

**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.

AIRPORT ID PBI	PROCEDURE NAME RNAV (GPS) Y RWY 10L	ORIGINAL/AMENDMENT 5	CITY WEST PALM BEACH	STATE FL
AIRPORT ELEVATION 20	TDZE 16	SUPERSEDED RNAV (GPS) Y RWY 10L	DATED 08/12/2021	MAG VAR 6W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2010
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GULLO	IAF	WILBA	NOPT	TF	FB	1.00	099.54	7.00	3000
WILBA	IF/IAF	ZISUR		TF	FB	1.00	098.68	7.00	2000
ZISUR	FAF	DIDME/2.19 NM TO NAGIC		TF	FB	0.30	098.73	2.57	
DIDME/2.19 NM TO NAGIC		NAGIC	MAP	TF	FO	0.30	098.73	2.19	
NAGIC	MAP	600 MSL		CA			098.73		600
600 MSL		MORGA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: NAGIC

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 DIRECT MORGA AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- HOLD W WILBA, LT, 098.68 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
- FAC: 098.73 FAF: ZISUR DIST FAF TO MAP: 4.77 DIST FAF TO THLD: 6.07
- MIN ALT: WILBA 3000, ZISUR 2000, DIDME/2.19 NM TO NAGIC 1180
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: MM: IM:
- GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW10L 2600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV ALL CATS VISIBILITY TO 1 1/2 SM.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT GULLO.
HOLD S, RT, 343.00 INBOUND.
CHART FAS OBST: 183 TOWER (12-025664) 264055N/0800859W.
ZISUR TO RW10L: 3.00/52.

MINIMUMS:

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

ALTERNATE: NA STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA									
LNAV MDA	440	6000	424	440	6000	424	440	6000	424	440	6000	424			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED PBI VORTAC FEEDER SEGMENT – PER FPT REQUEST.
2. TERMINAL ROUTES: CHANGED FINAL APPROACH STEPDOWN FIX FROM “PASTE/1.36 NM TO RW10L” TO “DIDME/2.19 NM TO NAGIC”; DISTANCE CHANGED FROM 4.71 TO 2.57 – NEW SDF ACCOUNTS AAO IN FINAL SEGMENT.
3. TERMINAL ROUTES: MAP CHANGED FROM RW10L TO NAGIC; DISTANCE FROM SDF TO MAP CHANGED FROM 1.36 TO 2.19; CA LEG ALTITUDE CHANGED FROM 1000 TO 600 – REMAIN CLEAR OF RESTRICTED AIRSPACE.
4. MISSED APPROACH INSTRUCTIONS: CHANGED FROM “CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT MORGA AND HOLD.” TO “CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3000 DIRECT MORGA AND HOLD.” – SEE CHG 3.
5. PROFILE LINE 3: DIST FAF TO MAP CHANGED FROM 6.07 TO 4.77 – MAP MOVED TO 1.3 NM FROM THLD.
6. PROFILE LINE 4: REMOVED MIN ALT “PASTE/1.36 NM TO RW10L 500”; ADDED “DIDME/2.19 NM TO NAGIC 1180” – SEE CHG 2.
7. PROFILE LINE 5: REMOVED “DIST TO THLD FROM FAF: 6.07” AND “200 HAT: 0.47” – ALL APV MINS WERE REMOVED.
8. PROFILE LINE 7: REMOVED “GP ANGLE: 3.00” AND “TCH: 51.7” - ALL APV MINS WERE REMOVED.
9. NOTES: REMOVED “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}).”, AND “CHART NOTE: #RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA” – ALL APV MINS WERE REMOVED.
10. NOTES: REMOVED “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PBI VORTAC AIRWAY RADIALS 190 CW 359.” – FEEDER FROM PBI VORTAC WAS REMOVED.
11. NOTES: CHANGED “CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 5500 AND INCREASE LNAV CATS C/D VISIBILITY TO RVR 6000.” TO “CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV ALL CATS VISIBILITY TO 1 1/2 SM.” – NEW MAP REQUIRES INCREASED INOP VIS.
12. NOTES: ADDED “CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).” – IAW 8260.19, 8-6-10 M. (2)
13. ADDITIONAL FLIGHT DATA: CHANGED “CHART FAS OBST: 170 ANTENNA (12-087327) 264036N/0800638W.” TO “CHART FAS OBST: 183 TOWER (12-025664) 264055N/0800859W.” – RELOCATED FAS SDF AND MAP RESULTED IN A NEW CONTROLLING OBSTACLE.
14. ADDITIONAL FLIGHT DATA: REMOVED “WAAS CHANNEL # 97317”, “REFERENCE PATH ID: W10A”, AND “LTP HAE: -21.4 M” – PROCEDURE IS NO LONGER WAAS COMPATIBLE AND NO ASSOCIATED FAS DATA BLOCK IS REQUIRED.
15. MINIMUMS: ALTERNATE MINS CHANGED FROM “STANDARD - CAT D 800-2 1/2” TO “STANDARD” – PREVIOUS ALTERNATE MINS WERE DRIVEN BY CIRCLING AND NO LONGER APPLY.
16. MINIMUMS: REMOVED FINAL TYPE(S) LPV DA#, LNAV/VNAV DA, AND CIRCLING – REMAIN CLEAR OF RESTRICTED AIRSPACE.
17. MINIMUMS: LNAV MDA CHANGED FROM “MDA 420/HAT 404, ALL CATS. CATS A/B VIS RVR 2400. CATS C/D VIS 4000” TO “MDA 440/HAT 424, ALL CATS. ALL CATS VIS RVR 6000” – NEW FAS OBST RAISED MDA, AND NEW MAP INCREASED VIS.



AIRPORT ID
PBI

PROCEDURE NAME
RNAV (GPS) Y RWY 10L

ORIGINAL/AMENDMENT
5

CITY
WEST PALM BEACH

STATE
FL

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZMA, PBI ATCT, AMGR

FLIGHT CHECKED BY

MATTHEW OLSTAD

Digitally signed by

RAKE MCGRAW **OFFICE**

DATE

Nov 24, 2025 AJF

11/20/2025

Digitally signed by

RAKE MCGRAW **OFFICE**

DATE

Nov 24, 2025

AJV-A422

10/14/2025

Digitally signed by

RAKE MCGRAW **OFFICE**

DATE

Nov 24, 2025

AJV-A422

TITLE
MANAGER

APPROVED BY

RAKE MCGRAW



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u> PBI	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 10L	<u>AMDT NO.</u> 5	<u>CITY</u> WEST PALM BEACH	<u>STATE</u> FL	<u>AIRPORT ELEVATION</u> 20	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

<u>FROM</u> GULLO	<u>TO</u> WILBA
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<u>RNP</u> 1.00	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-004224)	264103.00N/0802322.00W	435	20	20	1C	1000				AT1565	3000
TERRAIN	264248.00N/0802303.00W	68 (100)								AS1500	1600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

THE MANDATORY 5000 MATCHES THE ALTITUDE RESTRICTION ON THE SHRVY RNAV STAR. PER .3D PARA 2-2-7.F(1), STAR TERMINATION FIX AND IAP FIX MUST BE IDENTICAL.

INTERMEDIATE

<u>FROM</u> WILBA (IF/IAF)	<u>TO</u> ZISUR
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<u>RNP</u> 1.00	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-001300)	263955.00N/0801356.90W	298	50	20	2C	500				AT1202	2000
TERRAIN	264036.00N/0801800.00W	42 (0)								AS1500	1500

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



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PROCEDURE NAME
RNAV (GPS) Y RWY 10L

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5

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STATE
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AIRPORT ELEVATION
20

FACILITY
RNAV

FINAL: LNAV

FROM
ZISUR

TO
DIDME/2.19 NM TO NAGIC

RNP
0.30

DISTANCE
2.57

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	264109.00N/0801012.00W	256	215	8	4B	250				DG674	1180

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
DIDME/2.19 NM TO NAGIC

TO
NAGIC

RNP
0.30

DISTANCE
2.19

PAT

MAP
NAGIC

HAT
424

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (12-025664)	264055.25N/0800858.96W	183	20	3	1A	250					440

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID
PBI

PROCEDURE NAME
RNAV (GPS) Y RWY 10L

AMDT NO.
5

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FL

AIRPORT ELEVATION
20

FACILITY
RNAV

MSA

CENTER **RADIUS**
RW10L 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (12-001773)	263430.70N/0801431.10W	235	9.8	1552	100	3	3A	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED PER FPT/ATC REQUEST.

APRT SIGN (12-025619) VERIFIED BY FPT AS DISTANCE REMAINING SIGNS FIXED BY FUNCTION AND FRANGIBLE.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

PBI TOWER, PBI APP CON, ZMA ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	PBI	24	PBI		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
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WX REMARKS:

BACKUP ALTIMETER SOURCE NOT UTILIZED DUE TO REDUNDANT SOURCES ON AIRFIELD.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
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APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW10R - REIL, MIRL	BSC-G	
RW28L - MIRL, REIL	BSC-G	
RW14 - MIRL, REIL, PAPI-4R	NPI-G	
RW32 - MIRL, REIL, PAPI-4L	NPI-G	
RW10L - MALSR, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, ROLL OUT
RW28R - REIL, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
					3.00	67.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE	1200
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE		

CRITICAL TEMPERATURES



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5

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WEST PALM BEACH

STATE
FL

AIRPORT ELEVATION
20

FACILITY
RNAV

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - VDP IS LOCATED AFTER MAP, VDP IS LOCATED WITHIN 0.5 NM FROM FINAL FIX..

75FT VEG PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 256 AAO 264109.00N/0801012.00W.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.07
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	92.73
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	4.73
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	92.73
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD COORDINATES (IF STR-IN)

264058.97N/0800616.92W

ARP COORDINATES

264059.38N/0800544.13W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 28R DISTANCE 0.96 NM

FAF COORDINATES

264116.50N/0801302.91W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

THLD DISPLACED 1200FT, ACTUAL COORDINATES: 264059.55N/0800630.13W



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PBI

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RNAV (GPS) Y RWY 10L

AMDT NO.
5

CITY
WEST PALM BEACH

STATE
FL

AIRPORT ELEVATION
20

FACILITY
RNAV

PART E: PREPARED BY

NAME

DUSTIN HARDISON

OFFICE

AJV-A422

DATE

10/14/2025

TITLE

AERONAUTICAL INFORMATION SPECIALIST

