

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> POMPANO BEACH AIRPARK	<u>AIRPORT ID</u> KPMP	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> POMPANO BEACH	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 19	<u>TDZE</u> 15	<u>SUPERSEDED</u> RNAV (GPS) RWY 33	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 09/18/2014	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
QEPRO	IAF	RIMZY		TF	FB	1.00	055.27	5.96	2500
RIMZY	IF	WAKED		TF	FB	1.00	329.71	5.52	1600
WAKED	FAF	RW33	MAP	TF	FO	0.30	329.68	4.81	
RW33	MAP	265 MSL		CA			329.68		
265 MSL		JIMNY/RADAR		DF	FB	1.00			
JIMNY/RADAR		ATONE		TF	FO	1.00	295.55	9.86	2100

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW33

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT JIMNY AND ON TRACK 295.55 TO ATONE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT RIMZY
3. FAC: 329.68

FAF: WAKED

DIST FAF TO MAP: 4.81

DIST FAF TO THLD: 4.81
4. MIN ALT: RIMZY 2500, WAKED 1600
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.62

GS ANT:
6. MIN GP INCPT: 1600

GP ALT AT FAF : WAKED 1600

OM:

MM:

IM:
7. GP ANGLE: 3.01

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 53.1
8. MSA FROM: RW33 2600

PBN REQUIREMENTS NOTES:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 15 NA AT NIGHT.
CHART NOTE: RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C OR ABOVE 54C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LAUDERDALE EXECUTIVE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT QEPRO ON V295/BR 64V SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART VDP AT 1.73 NM TO RW33*
*LNAV ONLY
WAAS CHANNEL #40300
REFERENCE PATH ID: W33A
CHART FAS OBST: 310 BLDG 261351N/0800526W.
HOLD N, LT, 169.00 INBOUND
LTP HAE: -22 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	265	3/4	250	265	3/4	250		NA			NA				
LNAV/VNAV DA	700	2 1/2	685	700	2 1/2	685		NA			NA				
LNAV MDA	620	1	605	620	1	605		NA			NA				
CIRCLING	660	1	641	660	1	641		NA			NA				



CHANGES - REASONS

- 1. MINOR AMENDMENT TO RAISE MISSED APPROACH HOLDING PATTERN TO 2100. - BUILT TO MEET NEW MEA ON V159 PER ATC REQUEST.
- 2. CHANGED HELICOPTER NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" TO "RWY 33 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED." - IAW 8260.19H PARA 8-6-11K(3).
- 3. ADDED "RNP APCH" TO PBN EQUIPMENT REQUIREMENTS NOTES. - IAW 8260.19H PARA 8-6-8.
- 4. ADDED "CIRCLING RWY 15 NA AT NIGHT" CHART NOTE. - NO SURVEY ON RWY 15.
- 5. REMOVED FAHRENHEIT TEMPERATURES FROM BARO-VNAV CHART NOTE. - IAW 8260.19H PARA 8-6-9.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** MIAMI APP CON, AMGR, ATA

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

DEVELOPED BY

ROBERT G HAMILTON (AUSTIN GOTCHER)

APPROVED BY

JULIE MORGAN

OFFICE

OFFICE

AJV-5422

OFFICE

AJV-5420

DATE

DATE

04/26/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Jun 19, 2018

Digitally signed by
ROBERT G HAMILTON
Jun 19, 2018

Digitally signed by
ROBERT G HAMILTON **TITLE**
MANAGER
Jun 19, 2018



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPMP
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	261439.6180N
LTP/FTP LONGITUDE	0800624.5135W
LTP/FTP ELLIPSOIDAL HEIGHT	-00219
FPAP LATITUDE	261550.6625N
FPAP LONGITUDE	0800724.6315W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.01
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9301D28B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00039
FPAP ORTHOMETRIC HEIGHT	+00039



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
POMPANO BEACH AIRPARK	KPMP	RNAV (GPS) RWY 33	1A	POMPANO BEACH	FL	19	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM QEPRO TO RIMZY

RNP 5.96 DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.SHIPMAST	260700.00N/0795730.00W	200				1000				AT1300	2500
2.OVER WATER	260700.00N/0795730.00W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT
REMARKS:

INTERMEDIATE

FROM RIMZY TO WAKED

RNP 5.52 DISTANCE PAT MAP HAT HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.SHIP MAST	261030.00N/0800030.00W	200				500				AT900	1600
4.OVER WATER	261030.00N/0800030.00W	0 (0)								AS1500	1500

COMPUTATIONS

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

SEGMENT
REMARKS:



RNAV

RW33

HMAS

250

RF CENTER FIX/DISTANCE

RW33

HMAS

685

RF CENTER FIX/DISTANCE

REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
6.BUILDING (12-001097)	261351.00N/0800526.00W	1.30	641	308	500	50	5D	300		AC50	660
CATEGORY B											
6.BUILDING (12-001097)	261351.00N/0800526.00W	1.81	641	308	500	50	5D	300		AC50	660

CIRCLING REMARKS:
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

MSA

CENTER	RADIUS
RW33	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (12-001773)	263438.00N/0801431.00W	347	21.2	1549	100	3	5D	1000			2600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED PER FPT CHECKLIST

LPV: 34:1

LNAV/VNAV: 23.38:1

CRITICAL TEMPERATURES
CRITICAL LOW: 0 (32F)
CRITICAL HIGHT: +54 (130F)
ACT: 0
DELTA ISA: -14.96
DESCENT RATE: STANDARD TEMP 711 HIGH TEMP 1120
TEMPERATURE LIMITS, DELTA ISA LOW, AND DESCENT VALUES DERIVED FROM AFS 400 CALCULATOR

DESCENT ANGLE IS 3.01 DEGREES DUE TO PFAF REMAINING IN CURRENT LOCATION.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MIA APP CON, PMP TOWER



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
POMPANO BEACH AIRPARK	KPMP	RNAV (GPS) RWY 33	1A	POMPANO BEACH	FL	19	RNAV

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
LANDING ENVIRONMENT DOES NOT SUPPORT CAT C & D MINS PER AMGR.

20:1 PENETRATIONS ARE BEING REMOVED OR HEIGHTS REDUCED PER E-MAIL DATED 05/01/2018 FROM FPT/AMGR.

RWY 15 DOES NOT HAVE A SURVEY, UNABLE TO VERIFY VISUAL SURFACES ARE CLEAR.

RASS PRESSURE PATTERNS THE SAME
KPMP 19.3, KFXE 13.4
RA = 0.



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POMPANO BEACH AIRPARK	KPMP	RNAV (GPS) RWY 33	1A	POMPANO BEACH	FL	19	RNAV

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	2.92
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	322.68
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	17
DISTANCE FROM	THLD	TO 1500FT POINT	4.61
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	322.68
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	17

THRESHOLD COORDINATES (IF STR-IN) 261439.62N/0800624.51W

ARP COORDINATES 261450.64N/0800640.35W

RUNWAY APCH END AND DIST FURTHEST FROM ARP RUNWAY 15 DISTANCE 0.47 NM

FAF COORDINATES 261049.69N/0800310.13W

FIX NAME COORDINATES

REMARKS
 NO ADDITIONAL AIRSPACE REQUIRED.
 THLD DISPLACED 340FT, ACTUAL COORDINATES: 261436.94N/0800622.25W.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
POMPANO BEACH AIRPARK	KPMP	RNAV (GPS) RWY 33	1A	POMPANO BEACH	FL	19	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ROBERT G HAMILTON (AUSTIN GOTCHER)	AJV-5422	04/26/2018	AERONAUTICAL INFORMATION SPECIALIST

