

**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> PETER O KNIGHT	<u>AIRPORT ID</u> KTPF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> TAMPA	<u>STATE</u> FL
<u>AIRPORT ELEVATION</u> 7	<u>TDZE</u> 7	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

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>
PIE VORTAC		TIYOB		TF	FO	1.00	068.59	21.50	2600
LAL VORTAC	IAF	TIYOB	NOPT	TF	FB	1.00	291.58	17.04	2600
DADES	IAF	TIYOB	NOPT	TF	FB	1.00	196.77	18.07	2600
TIYOB	IF/IAF	UTOBE		TF	FB	1.00	222.01	5.95	1700
UTOBE	FAF	RW22	MAP	TF	FO	0.30	221.98	5.19	
RW22	MAP	407 MSL		CA			221.98		
407 MSL		LAL VORTAC		DF	FO	1.00			2700

MISSED APPROACH

MAP:

LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 2700 DIRECT LAL VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NE TIYOB, RT, 222.01 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 221.98

FAF: UTOBE

DIST FAF TO MAP: 5.19

DIST FAF TO THLD: 5.19

4. MIN ALT: TIYOB 2600, UTOBE 1700

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM: RW22 2700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 4-22.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 355 CW 157.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LAL VORTAC AIRWAY RADIALS 262 CW 350.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DADES ON V7-521 NORTHWEST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART NOTE: CIRCLING NA TO RWY 18.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 077.00 INBOUND
CHART CIRCLING ICON.
UTOBE TO RW22: 3.00/40.
CHART FAS OBST: 313 TOWER 275811N/0822434W.
CHART: 468 TOWER 275937N/0822446W.

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
LNAV MDA	580	1	573	580	1	573		NA			NA				
CIRCLING	720	1	713	720	1	713		NA			NA				



CHANGES - REASONS

- 1. CHANGED THRE 7 TO TDZE 7 - REVISED CRITERIA.
- 2. INCREASED CIRCLING CAT A MDA TO 660/HAA 652, CAT B MDA TO 700/HAA 692 - CAT A INCREASE TO MATCH RNAV RWY 36 AND CAT B REF 12-005139 337 FT MSL BLDG 275638.70N/0822654.06W, AC 5D.
- 3. DELETED NOTE STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT, ADDED NOTE: NIGHT LANDING RWY 4, 22 NA AND CHANGED HELICOPTER VISIBILITY REDUCTION NOTE TO READ RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - REVISED CRITERIA.
- 5. CHANGED 7:1 OBSTACLE FROM 458 FT TOWER TO 468 FT TOWER - NEW OBSTACLE.
- 6. ADDED 20:1 NOT CLEAR NOTE - 20:1 PENETRATIONS.
- 7. CHANGED CMDA/HAA CAT A FROM 660/652 TO 720/713 AND CAT B FROM 700/692 TO 720/713 - REVISED OBSTACLE DATA AND APT ELEVATION CHANGED FROM 8 FT TO 7 FT.
- 8. REPLACED CHART NOTE "DME/DME RNP-0.3 NA" WITH EQUIPMENT REQUIREMENTS NOTE "RNP APCH" - IAW 8260.19H.
- 9. CHANGED CHART NOTE FROM NIGHT LANDING "RWY 4, 22 NA AT NIGHT" TO "PROCEDURE NA AT NIGHT" - IAW 8260.19H.
- 10. LINE 2 ADDED MAX 6000 FT - IAW 8260.19H.
- 11. ADDED CHART CIRCLING ICON - APPLIED NEW CIRCLING.
- 12. CHANGED AIRPORT ELEVATION FROM 8 FT TO 7 FT - REVISED AIRNAV DATA.
- 13. CHANGED TERMINAL ROUTE FROM "RW22 TO 408 MSL" TO RW22 TO 407 MSL AND TERRMINAL ROUTE FROM "408 MSL TO LAL VORTAC" TO "407 MSL TO LAL VORTAC" - AIRPORT ELEVATION CHANGED FROM 8 FT TO 7 FT.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JOEL P MURPHY

Digitally signed by

DAVID DANNER

Feb 10, 2020

OFFICE

FICO

DATE

1/20/20

DEVELOPED BY

DAVID DANNER (JOSEPH HILLEY)

Digitally signed by

DAVID DANNER

Feb 10, 2020

OFFICE

AJV-A421

DATE

10/10/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

DAVID DANNER

Feb 10, 2020

OFFICE

AJV-A420

DATE

TITLE

MANAGER

