

**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><b>AIRPORT ID</b></u> TPA	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 19R	<u><b>ORIGINAL/AMENDMENT</b></u> 3	<u><b>CITY</b></u> TAMPA	<u><b>STATE</b></u> FL
<u><b>AIRPORT ELEVATION</b></u> 26	<u><b>TDZE</b></u> 21	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 19R	<u><b>DATED</b></u> 10/08/2020	<u><b>MAG VAR</b></u> 5W
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 17 APRIL 2025	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>EPOCH YEAR</b></u> 2010
				<u><b>CANCEL/SUSPEND</b></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>
PIE VORTAC		MERRA		TF	FO	1.00	027.65	20.78	3000
MERRA	IF/IAF	FADDI		TF	FB	1.00	186.74	4.26	3000
FADDI		JMBOB		TF	FB	1.00	186.74	3.74	2000
JMBOB	FAF	ZESHY/1.40 NM TO RW19R		TF	FB	0.30	186.73	4.64	
ZESHY/1.40 NM TO RW19R		RW19R	MAP	TF	FO	0.30	186.73	1.40	
RW19R	MAP	800 MSL		CA			186.73		800
800 MSL		JACKT		DF	FO	1.00			2000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW19R

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT JACKT AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD N MERRA, RT, 186.74 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 186.73 FAF: JMBOB DIST FAF TO MAP: 6.04 DIST FAF TO THLD: 6.04
- MIN ALT: MERRA 3000, FADDI 3000, JMBOB 2000, ZESHY/1.40 NM TO RW19R 520
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.46 GS ANT: MM: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: JMBOB 2000 OM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 54.4
- MSA FROM: RW19R 2700



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 336 CW 115.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: \* RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 4°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY CAT E TO RVR 4000, LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000, AND LNAV VISIBILITY CAT C/D/E TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART LOC RWY 19L  
HOLD W, RT, 095.00 INBOUND.  
CHART FAS OBST: 155 TOWER (12-023483) 280058N/0823207W.  
WAAS CHANNEL # 40406  
REFERENCE PATH ID: W19B  
CHART CIRCLING ICON.  
LTP HAE: -18.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D, E 1000-3

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*	221	2400	200	221	2400	200	221	2400	200	221	2400	200	221	2400	200
LNAV/VNAV DA	440	4000	419	440	4000	419	440	4000	419	440	4000	419	440	4000	419
LNAV MDA	440	2400	419	440	2400	419	440	4000	419	440	4000	419	440	4000	419
CIRCLING	600	1	574	600	1	574	680	1 3/4	654	980	3	954	980	3	954



CHANGES - REASONS

1. TERMINAL ROUTES: UPDATED ROUTE FROM PIE VORTAC TO MERRA COURSE FROM "028.07" TO "027.65" AND DISTANCE FROM "20.39" TO "20.78" – FIX MERRA MOVED TO MEET LEG LENGTH REQUIREMENTS.
2. TERMINAL ROUTES: UPDATED ROUTE FROM "MERRA TO FADDI" COURSE FROM "186.73" TO "186.74" AND DISTANCE FROM "3.85" TO "4.26" – FIX MERRA MOVED TO MEET LEG LENGTH REQUIREMENTS.
3. TERMINAL ROUTES: UPDATED ROUTE FROM "FADDI TO JMBOB" COURSE FROM "186.73" TO "186.74" – FIX JMBOB MOVED TO MEET DESCENT GRADIENT REQUIREMENTS.
4. MISSED APPROACH INSTRUCTIONS: UPDATED FROM "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT JACKT AND HOLD, CONTINUE CLIMB-IN-HOLD 2000" TO "CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT JACKT AND HOLD" – CLIMB IN HOLD NOT REQUIRED.
5. PROFILE LINE 2: UPDATED FROM "HOLD N MERRA, RT, 186.73 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" TO "HOLD N MERRA, RT, 186.74 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000" – TO ALIGN WITH NEW INTERMEDIATE COURSE.
6. PROFILE LINE 4: REMOVED ASTERISK – NO LONGER REQUIRED.
7. PROFILE LINE 5: ADDED 200 HAT: 0.46 – IAW 8260.19J 8-6-7.
8. PROFILE LINE 7: ADDED "20:1 IS CLEAR" – IAW 8260.19J 8-6-7.
9. PBN REQUIREMENT NOTES: ADDED "RNP APCH – GPS" – IAW 8260.19J 8-6-8.
10. NOTES: REMOVED "LNAV ONLY" – NO LONGER REQUIRED.
11. NOTES: REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" – NO LONGER REQUIRED, ADDED NEW NOTE TO PBN REQUIREMENT NOTES.
12. NOTES: UPDATED CHART NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" – IAW 8260.19J 8-6-10.
13. NOTES: UPDATED CHART NOTE FROM: "ASTERISK, ASTERISK RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHANGE LPV DA TO LPV DA ASTERISK, ASTERISK" TO "RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" – IAW 8260.19J 8-6-10.
14. NOTES: UPDATED NOTE FROM "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19L" TO "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED" – IAW 8260.19J 8-6-12.
15. NOTES: UPDATED NOTE FROM "CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" TO "CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" – IAW 8260.19J 8-6-12.
16. NOTES: UPDATED FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 336 CW 007" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 336 CW 115" - UPDATED UNUSABLE RADIALS FOR NAVAID.
17. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "179 ANT (KTPA0108) 280039N/0823259W" TO "155 TOWER (12-023483) 280058N/0823207W" – UPDATED SURVEY, UPDATED OBSTACLES.
18. ADDITIONAL FLIGHT DATA: REMOVED "276 AAO 280548N/0823236W" – NO LONGER REQUIRED.
19. MINIMUMS: UPDATED FINAL TYPE FROM "LPV DA\*" TO "LPV DA\*\*" – UPDATED NUMBER OF ASTERISKS DUE TO NOTE WITH SINGLE ASTERISK BEING REMOVED.
20. MINIMUMS: UPDATED LNAV/VNAV DA/HAT FROM "466/445" TO "440/419" AND VIS FROM "4500" TO "4000" – NEW SURVEY, NEW CONTROLLING OBSTACLES IDENTIFIED.
21. MINIMUMS: UPDATED CIRCLING CAT A/B MDA/MAA FROM "560/534" TO "600/634" – NEW SURVEY, NEW CONTROLLING OBSTACLES IDENTIFIED.
22. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM "275747.8600N/0823232.4800W" TO "275747.8550N/ 0823232.4795W" AND CRC REMAINDER FROM "4B69FDE3" TO "922F2E6C."

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBA

X

OTHER:

ZJX, TPA APP CON, TPA ATCT, AMGR

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by  
ROBERT G HAMILTON  
Mar 04, 2025

OFFICE

AJF

DATE

02/27/2025

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

Digitally signed by  
ROBERT G HAMILTON  
Mar 04, 2025

OFFICE

AJV-A431

DATE

10/30/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by  
ROBERT G HAMILTON  
Mar 04, 2025

OFFICE

AJV-A431

DATE

TITLE  
MANAGER



AIRPORT ID  
TPA

PROCEDURE NAME  
RNAV (GPS) RWY 19R

ORIGINAL/AMENDMENT  
3

CITY  
TAMPA

STATE  
FL

**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTPA
RUNWAY	RW19R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19B
LTP/FTP LATITUDE	275936.7420N
LTP/FTP LONGITUDE	0823228.7800W
LTP/FTP ELLIPSOIDAL HEIGHT	-00186
FPAP LATITUDE	275747.8550N
FPAP LONGITUDE	0823232.4795W
THRESHOLD CROSSING HEIGHT (TCH)	00054.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	922F2E6C
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00064
FPAP ORTHOMETRIC HEIGHT	+00064

