

**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.

<b><u>AIRPORT ID</u></b> TPA	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 19L	<b><u>ORIGINAL/AMENDMENT</u></b> 3	<b><u>CITY</u></b> TAMPA	<b><u>STATE</u></b> FL
<b><u>AIRPORT ELEVATION</u></b> 26	<b><u>TDZE</u></b> 26	<b><u>SUPERSEDED</u></b> RNAV (GPS) Z RWY 19L	<b><u>ORIGINAL/AMENDMENT</u></b> 2F	<b><u>DATED</u></b> 10/08/2020
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 17 APRIL 2025	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>MAG VAR</u></b> 5W
				<b><u>EPOCH YEAR</u></b> 2010
				<b><u>CANCEL/SUSPEND</u></b>

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
JSTRM		UFLIX		TF	FB	1.00	026.05	23.63	3000
DARBS		ZADSA		TF	FB	1.00	085.10	9.48	3000
UFLIX		ZPLIN		TF	FB	1.00	345.10	10.00	3000
ZADSA	IAF	COBOX		TF	FB	1.00	096.67	8.98	3000
ZPLIN	IAF	COBOX		TF	FB	1.00	276.82	10.25	3000
LZARD	IAF	COBOX		TF	FB	1.00	252.26	11.97	3000
COBOX	IF	POMSE		TF	FB	1.00	186.73	8.06	2000
POMSE	FAF	RW19L	MAP	TF	FO	0.30	186.73	6.04	
RW19L	MAP	226 MSL		CA			186.73		
226 MSL		CUPUL		DF	FB	1.00			
CUPUL		GIBBS		TF	FO	1.00	146.65	21.65	2000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW19L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2000 DIRECT CUPUL AND ON TRACK 146.65 TO GIBBS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT COBOX														
3.	FAC:	186.73	FAF:	POMSE	DIST FAF TO MAP:	6.04	DIST FAF TO THLD:	6.04							
4.	MIN ALT:	COBOX 3000, POMSE 2000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		200 HAT:	0.47	GS ANT:				
6.	MIN GP INCPT:	2000	GP ALT AT PFAF:	POMSE 2000					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	51.0							
8.	MSA FROM:	RW19L 2700													

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 4°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DARBS ON V97 NORTHWEST BOUND.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000, AND LNAV VISIBILITY CAT C/D TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART LOC RWY 19R.  
HOLD SE, RT, 313.79 INBOUND.  
FAS OBST: 263 AAO 280424N/0823051W.  
CHART VDP AT 1.34 NM TO RW19L.  
WAAS CHANNEL # 49100  
REFERENCE PATH ID: W19A  
CHART CIRCLING ICON.  
LTP HAE: -17 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 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	226	1800	200	226	1800	200	226	1800	200	226	1800	200			
LNAV/VNAV DA	440	4000	414	440	4000	414	440	4000	414	440	4000	414			
LNAV MDA	520	2400	494	520	2400	494	520	5000	494	520	5000	494			
CIRCLING	600	1	574	600	1	574	680	1 3/4	654	980	3	954			



CHANGES - REASONS

1. UPDATED PROCEDURE NAME FROM “RNAV (GPS) Z RWY 19L” TO “RNAV (GPS) RWY 19L” – PER ATC REQUEST.
2. MISSED APPROACH INSTRUCTIONS: UPDATED FROM “CLIMB TO 2800 DIRECT CUPUL AND ON TRACK 147 TO GIBBS AND HOLD” TO “CLIMB TO 2000 DIRECT CUPUL AND ON TRACK 146.65 TO GIBBS AND HOLD” – PER ATC REQUEST.
3. PROFILE LINE 5: ADDED 200 HAT: 0.47 – IAW 8260.19J 8-6-7.
4. PROFILE LINE 7: ADDED “20:1 IS CLEAR” – IAW 8260.19J 8-6-7.
5. EQUIPMENT REQUIREMENT NOTES: ADDED “RNP APCH – GPS” – IAW 8260.19J 8-6-8.
6. NOTES: ADDED “CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 6000, AND LNAV VISIBILITY CAT C/D TO 1 3/8 SM” – IAW 8260.19J 8-6-10.
7. NOTES: REMOVED “CHART NOTE: DME/DME RNP-0.3 NA” – NO LONGER REQUIRED, ADDED NEW NOTE TO EQUIPMENT REQUIREMENT NOTES.
8. 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.
9. NOTES: REMOVED 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” – RVR 1800 OK, C/L AND TDZ LIGHTS AVAILABLE.
10. NOTES: UPDATED CHART NOTE FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 43°C (109°F)” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C” – IAW 8260.19J 8-6-10.
11. NOTES: UPDATED CHART NOTE FROM “SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19R” TO “SIMULTANEOUS APPROACH AUTHORIZED” – IAW 8260.19J 8-6-12.
12. ADDITIONAL FLIGHT DATA: UPDATED FROM “CHART FAS OBST: 183 TWR (12-005003) 280143N/0823155W, 139 TREE 280013N/0823114W” TO “FAS OBST: 263 AAO 280424N/0823051W” – UPDATED SURVEY, UPDATED OBSTACLES.
13. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM “CHART VDP AT 1.11 NM TO RW19L” TO “CHART VDP AT 1.34 NM TO RW19L” - UPDATED SURVEY, UPDATED OBSTACLES.
14. MINIMUMS: UPDATED FINAL TYPE FROM “LPV DA\*\*” TO “LPV DA” – NO LONGER REQUIRED, NO NOTE NEEDED.
15. MINIMUMS: UPDATED LNAV DA/HAT FROM “430/434” TO “520/494” – UPDATED SURVEY, UPDATED CONTROLLING OBSTACLE, FPT DECLINED SDF ADDITION.
16. MINIMUMS: UPDATED LNAV/VNAV ALL CATS VIS UPDATED FROM “4500” TO “4000” – IAW 8260.3 TABLE 3-3-1.
17. MINIMUMS: UPDATED CIRCLING CAT A/B MDA/MAA FROM “560/534” TO “660/634” – NEW SURVEY, NEW CONTROLLING OBSTACLES IDENTIFIED.
18. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM “275744.3600N/ 0823144.6100W” TO “275744.3595N/ 0823144.6120W” AND CRC REMAINDER FROM “8A54ADCD” TO “34717B6D.”

COORDINATED WITH:

A4A

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ALPA

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AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZJX, TPA APP CON, TPA ATCT, AMGR

FLIGHT CHECKED BY

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

10/29/2024

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 19L

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	RW19L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	275913.6605N
LTP/FTP LONGITUDE	0823141.5735W
LTP/FTP ELLIPSOIDAL HEIGHT	-00170
FPAP LATITUDE	275744.3595N
FPAP LONGITUDE	0823144.6120W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER	34717B6D
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**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00079
FPAP ORTHOMETRIC HEIGHT	+00079

QUALITY  
34  
CHECKED