

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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 ID</u> TPA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 1L ILS RWY 1L (SA CAT I) ILS RWY 1L (CAT II) ILS RWY 1L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 19	<u>CITY</u> TAMPA	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 26	<u>TDZE</u> 11	<u>SUPERSEDED</u> ILS OR LOC RWY 1L ILS RWY 1L (SA CAT I) ILS RWY 1L (CAT II) ILS RWY 1L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 18	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-AMP	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 APRIL 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</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		LAGOO INT/I-AMP 13.00 DME					142.02	10.59	2600
LAGOO INT/I-AMP 13.00 DME	IF/IAF	SELMN INT/I-AMP 9.88 DME					006.73 (I-AMP)	3.12	2600
SELMN INT/I-AMP 9.88 DME		TYNER INT/I-AMP 7.06 DME					006.73 (I-AMP)	2.83	1700

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.13 NM AFTER TYNER INT/I-AMP 7.06 DME OR AT I-AMP 1.92 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 DIRECT PIE VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.
(TACAN AIRCRAFT CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 DIRECT PIE VORTAC THEN ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD W, RT, 096.00 INBOUND).

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 330. (RADAR REQUIRED)

PROFILE:

- | | | | | | |
|--|-------------------------------|-----------------------|------------------------|----------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD S LAGOO INT/I-AMP 13.00 DME, RT, 006.73 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 006.73 | FAF: TYNER INT/I-AMP 7.06 DME | DIST FAF TO MAP: 5.13 | DIST FAF TO THLD: 5.13 | | |
| 4. MIN ALT: LAGOO INT/I-AMP 13.00 DME 2600, SELMN INT/I-AMP 9.88 DME 2600, TYNER INT/I-AMP 7.06 DME 1700, ZERUR INT/I-AMP 3.48 DME 560 | | | | | |
| 5. DIST TO THLD FROM OM: MM: IM: 100 HAT: 875 150 HAT: 1828 GS ANT: 1037 | | | | | |
| 6. MIN GS INCPT: 1700 GS ALT AT PFAF: TYNER INT/I-AMP 7.06 DME 1700 | | | | | |
| 7. GS ANGLE: 3.00 34:1: 20:1: TCH: 54.4 | | | | | |
| 8. MSA FROM: PIE VORTAC 2700 | | | | | |



EQUIPMENT REQUIREMENTS NOTES:

DME AND RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 155, RVR 1400, HAT 150, DA 161 MSL
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 105, RVR 1200, HAT 100, DA 111 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RVR 600
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 1L CAT E VISIBILITY TO RVR 4000 AND S-LOC 1L CAT E VISIBILITY TO RVR 6000.
CHART PLANVIEW NOTE: DME REQUIRED FOR HOLDING AT LAGOO INT.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 096.00 INBOUND.
CHART FAS OBST: 149 TOWER (12-004579) 275640N/0823218W.
CHART VDP AT 2.92 DME.
DISTANCE VDP TO THLD 1.00 NM.
CHART CIRCLING ICON.
CHART KMCF IN PLAN AND PROFILE VIEWS.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: 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
S-ILS 01L	211	1800	200	211	1800	200	211	1800	200	211	1800	200	211	1800	200
S-LOC 01L	400	2400	389	400	2400	389	400	3500	389	400	3500	389	400	3500	389
CIRCLING	600	1	574	600	1	574	680	1 3/4	654	980	3	954	980	3	954



AIROPRT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
TPA	ILS OR LOC RWY 1L ILS RWY 1L (SA CAT I) ILS RWY 1L (CAT II) ILS RWY 1L (CAT III)	19	TAMPA	FL

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED IF STEPDOWN SEGMENT "SELMN INT/I-AMP 9.88 DME TO TYNER INT/I-AMP 7.06 DME. – UPDATED FINAL PER FPT CHECKLIST.
2. PROFILE LINE 2: CHANGED FROM HOLD S LAGOO, RT, 006.73 INBOUND, 2600 FT. IN LIEU OF PT (IAF)" TO "HOLD S LAGOO INT/I-AMP 13.00 DME, RT, 006.73 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000." – IAW 8260.19J 8-6-7B(2)
3. PROFILE LINE 3: FAF CHANGED FROM "SELMN INT/I-AMP 9.88 DME" TO "TYNER INT/I-AMP 7.06 DME", DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM "7.96" TO "5.13" – UPDATED FINAL PER FPT CHECKLIST AND NEW TARGETS EVALUATION.
4. PROFILE LINE 4: MIN ALT CHANGED FROM "LAGOO 2600, SELMN 2600, ZERUR INT/I-AMP 3.42 DME 540*" TO "LAGOO INT/I-AMP 13.00 DME 2600, SELMN INT/I-AMP 9.88 DME 2600, TYNER INT/I-AMP 7.06 DME 1700, ZERUR INT/I-AMP 3.48 DME 560". – UPDATED FINAL PER FPT CHECKLIST.
5. MINIMUMS: S-LOC 01 CAT C-E VIS CHANGED FROM "4000 RVR" TO "3500 RVR" – NEW VIS EVALUATION. 8260.3F TABLE 3-3-1
6. MINIMUMS: CIRCLING CAT A/B CMDA/HAA CHANGED FROM "560/534" TO "600/574". – NEW OBSTACLE EVALUATION.
7. NOTES: CHANGED FROM "SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 155, RVR 1400, HAT 150, DA 161 MSL" TO "SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 155, RVR 1400, HAT 150, DA 161 MSL." – NEW OBSTACLE EVALUATION.
8. NOTES: CHANGED FROM "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 105, RVR 1200, HAT 100, DA 111 MSL." TO "CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 105, RVR 1200, HAT 100, DA 111 MSL" – NEW OBSTACLE EVALUATION.
9. NOTES: CHANGED FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 1L CAT E VISIBILITY TO RVR 4000 AND S-LOC 1L CAT E VISIBILITY TO RVR 6000." TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 1L CAT E VISIBILITY TO RVR 4000 AND S-LOC 1L CAT E VISIBILITY TO RVR 6000." – NEW EVALUATION SET.
10. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT PIE VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000 (TACAN AIRCRAFT CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4000 DIRECT PIE VORTAC THEN ON PIE VORTAC R-276 TO LAFAL/PIE 8.00 DME AND HOLD W, RT, 096.00 INBOUND)." TO "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 DIRECT PIE VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000. (TACAN AIRCRAFT CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 ON DIRECT PIE VORTAC THEN ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD W, RT, 96.00 INBOUND)" – PER FPT CHECKLIST.
11. ALTERNATE MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 330." TO "CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 330."- PER FPT CHECKLIST.
12. ADDITIONAL FLIGHT DATA: ADDED ID TO FAS OBSTACLE INFORMATION - 8260.19J 8-6-11C
13. ADDITIONAL FLIGHT DATA: REMOVED "*"LOC ONLY" AND "*" FROM VDP NOTE. - NO LONGER REQUIRED.
14. PROFILE LINE 5: REMOVED IM: 832 AND ADDED 100 HAT "875" AND 150 HAT "1828". - 8260.19J 8-6-7E.
15. MAP LOC: CHANGED FROM "7.96 NM AFTER SELMN INT/I-AMP 9.88 DME OR AT I-AMP 1.92 DME FIX" TO "5.13 NM AFTER TYNER INT/I-AMP 7.06 DME OR AT I-AMP 1.92 DME" - NEW FAF/FINAL DESIGN PER FPT AND NEW TARGETS EVALUATION.
16. PROFILE LINE 6: MIN GS INCPT CHANGED FROM "2600" TO "1700" AND GS ALT AT PFAF CHANGED FROM "SELMN 2600" TO "TYNER INT/I-AMP 7.06 DME" - NEW FAF/ FINAL DESIGN PER FPT.
17. CHART PLANVIEW NOTE: DME AND RADAR REQUIRED MOVED TO EQUIPMENT REQUIREMENTS NOTES - 8260.19J 8-6-9.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZMA, ZJX, TPA APP CON, TPA ATCT, AMGR

FLIGHT CHECKED BY

WILLIAM M YINGLING

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJF

DATE

02/28/2025

DEVELOPED BY

ERIC N SUSKI (ZACHARY KRUEGER)

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJV-A431

DATE

12/12/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJV-A431

DATE

TITLE
MANAGER

