

**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> KPIE	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18 ILS RWY 18 (SA CAT I), ILS RWY 18 (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> ST PETERSBURG-CLEARWATER	<u>STATE</u> FL	
<u>AIRPORT ELEVATION</u> 11	<u>TDZE</u> 7	<u>SUPERSEDED</u> ILS OR LOC RWY 18 ILS RWY 18 (SA CAT I), ILS RWY 18 (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 09/10/2020	<u>MAG VAR</u> 5W
<u>FACILITY</u> I-PIE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 APRIL 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PIE VORTAC		CAPOK LOM/I-PIE 6.07 DME/RADAR					353.79	5.34	1700
DARBS/PIE VORTAC 19.97 DME/RADAR	IAF	ZEPUM/I-PIE 12.74 DME/RADAR	NOPT				106.31 & 176.31	7.11 (HDG) & 4.31 (I-PIE)	2600
WIPSO/I-PIE 18.74 DME/RADAR	IAF	ZEPUM/I-PIE 12.74 DME/RADAR	NOPT				176.31	6.00 (I-PIE)	2600
ZEPUM/I-PIE 12.74 DME/RADAR	IF	CAPOK LOM/I-PIE 6.07 DME/RADAR					176.31	6.67 (I-PIE)	1500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.35 NM AFTER CAPOK LOM/I-PIE 6.07 DME/RADAR OR AT I-PIE 1.72 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 1700 ON HEADING 330 AND PIE VORTAC R-276 TO LAFAL INT/PIE VORTAC 8.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 1700.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2000 ON SRQ VOR/DME R-353 TO JRGAL INT/SRQ 11.00 DME AND HOLD.



MINIMUMS:

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

ALTERNATE: NA

ILS: STANDARD; LOC: STANDARD - CAT 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 18	207	1800	200	207	1800	200	207	1800	200	207	1800	200	207	1800	200
S-LOC 18	460	2400	453	460	2400	453	460	4500	453	460	4500	453	460	4500	453
CIRCLING	520	1	509	520	1	509	640	1 3/4	629	680	2	669	960	3	949
JINPI FIX MINIMUMS															
S-LOC 18	300	2400	293	300	2400	293	300	2400	293	300	2400	293	300	2400	293
CIRCLING	520	1	509	520	1	509	640	1 3/4	629	680	2	669	960	3	949

CHANGES - REASONS

1. CHANGED DME SOURCES FOR CAPOK, WIPSO, ZEPUM, AND JINPI FROM "PIE VORTAC" TO "I-PIE" AND UPDATED VALUES IN TERMINAL ROUTES -- DME ADDED TO I-PIE LOC.
2. ADDED "VORTAC" TO DARBS DME SOURCE IN TERMINAL ROUTES -- DME ADDED TO I-PIE LOC; UPDATED IAW 8260.19I, 8-2-6.C(3).
3. CHANGED LOC MAP FROM "4.35 NM AFTER CAPOK LOM/PIE 5.33 DME/RADAR" TO "4.35 NM AFTER CAPOK LOM/I-PIE 6.07 DME/RADAR OR I-PIE 1.72 DME" -- DME ADDED TO I-PIE LOC.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 1700 ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD" TO "CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 1700 ON HEADING 330 AND PIE VORTAC R-276 TO LAFAL INT/PIE VORTAC 8.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 1700" -- ADDED HEADING TO FACILITATE RADIAL INTERCEPT FOR TURN OF GREATER THAN 15 DEGREES IAW 8260.19I, 8-6-6.D(7), ADDED "VORTAC" IAW 8260.19I,8-2-6.C(3), AND CLIMB-IN-HOLD REQUIRED PER TARGETS 7.0 EVALUATION.
5. CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 173 AND ON SRQ VORTAC R-353 TO JRGAL INT/SRQ 11.00 DME AND HOLD" TO "CLIMB TO 2000 ON SRQ VOR/DME R-353 TO JRGAL INT/SRQ 11.00 DME AND HOLD" -- STRAIGHT MISSED APPROACH; UPDATED IAW 8260.19I, 8-6-6.H(1).
6. CHANGED HOLDING COURSE AT CAPOK FROM "176.30" TO "176.31" -- ALIGNED TO LOCALIZER COURSE.
7. CHANGED FAF FROM "CAPOK LOM/PIE VORTAC 5.33 DME/RADAR" TO "CAPOK LOM/I-PIE 6.07 DME/RADAR" ON PROFILE LINE 3 -- DME ADDED TO I-PIE LOC.
8. CHANGED MINIMUM ALTITUDES FROM "CAPOK LOM 1500, JINPI/PIE 2.38 DME 440*" TO "CAPOK LOM/I-PIE 6.07 DME/RADAR 1500, JINPI/I-PIE 3.12 DME 460" ON PROFILE LINE 4 -- DME ADDED TO I-PIE LOC; UPDATED IAW 8260.19I, 1-1-5.F(12).
9. CHANGED SA CAT I CHART NOTE FROM ""REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH" TO "REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" -- UPDATED IAW 8260.19I, 8-6-11.M(1).
10. CHANGED SA CAT II CHART NOTE FROM "REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN" TO ""REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" -- UPDATE IAW 8260.19I, 8-6-11.M(2).
11. DELETED ""LOC ONLY" NOTE -- UPDATED IAW 8260.19I, 1-1-5.F(12).
12. CHANGED DME SOURCE NOTE FROM "USE PIE VORTAC DME" TO "USE I-PIE DME" -- DME ADDED TO I-PIE LOC; UPDATED IAW 8260.19I, 8-2-5.F(3).
13. CHANGED INOPERATIVE ALS NOTE FROM "...S-LOC 18 CAT A/B TO RVR 5500 AND C/D/E VISIBILITY TO 1 1/4 SM" TO "...S-LOC 18 CAT E VISIBILITY TO 1 3/8 SM" -- UPDATED IAW 8260.3E VISIBILITY TABLES.
14. ADDED "CHART NOTE: CIRCLING RWY 22 NA AT NIGHT" -- UNLIT 20:1 OBSTACLE IN NEW SURVEY DATA.
15. DELETED ""USE DME FROM PIE VORTAC" IN ADDITIONAL FLIGHT DATA AND DELETED DOUBLE ASTERISK ON JINPI FIX MINIMUMS -- DME ADDED TO I-PIE LOC.
16. CHANGED CHART FAS OBSTACLE FROM "30 VEGETATION 275524N/0824134W" TO "31 TREE (12-119427) 275524N/0824134W" IN ADDITIONAL FLIGHT DATA -- NEW SURVEY DATA.
17. ADDED "CHART VDP AT 2.42 DME" AND "DISTANCE VDP TO THLD 0.71 NM" IN ADDITIONAL FLIGHT DATA -- DME ADDED TO I-PIE LOC.
18. CHANGED S-LOC 18 DA/MDA FROM "440/433" TO "460/453" AND CAT C/D/E VISIBILITY FROM "4000" TO "4500" -- NEW CONTROLLING OBSTACLE.
19. CHANGED COURSE/DISTANCE IN FEEDER SEGMENT PIE TO CAPOK FROM "354.22/5.33" TO "353.79/5.34" -- RECALCULATED IN TARGETS 7.0.
20. DELETED "NA WHEN CONTROL TOWER CLOSED" IN ALTERNATE MINIMUMS -- LOC MONITORED FULL-TIME BY AOCC.



AIRPORT ID
KPIE

PROCEDURE NAME
ILS OR LOC RWY 18
ILS RWY 18 (SA CAT I),
ILS RWY 18 (SA CAT II)

ORIGINAL/AMENDMENT
1

CITY
ST PETERSBURG-CLEARWATER

STATE
FL

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMA, AJX, TPA APP CON, PIE ATCT, AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

JASON KRETSCHMER

Feb 14, 2023

OFFICE

FPO

DATE

02/01/2023

DEVELOPED BY

JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by

JASON KRETSCHMER

Dec 02, 2022

OFFICE

AJV-A421

DATE

10/24/2022

APPROVED BY

JASON KRETSCHMER

Digitally signed by

JASON KRETSCHMER

Dec 02, 2022

OFFICE

AJV-A421

DATE

TITLE
MANAGER

