

**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</u> ST PETE-CLEARWATER INTL	<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> ORIG-A	<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SUPERSEDED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 (CAT II)	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/15/2016	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-PIE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<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		CAPOK LOM/PIE VORTAC 5.33 DME/RADAR					354.22	5.33	1700
DARBS/PIE 19.97 DME/RADAR	IAF	ZEPUM/PIE 12.00 DME/RADAR	NOPT				106.31 & 176.31	7.11 (HDG) & 4.31 (I-PIE)	2600
WIPSO/PIE 18.00 DME/RADAR	IAF	ZEPUM/PIE 12.00 DME/RADAR	NOPT				176.31	6.00 (I-PIE)	2600
ZEPUM/PIE 12.00 DME/RADAR	IF	CAPOK LOM/PIE 5.33 DME/ RADAR					176.31	6.67 (I-PIE)	1500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.35 NM AFTER CAPOK LOM/PIE 5.33 DME/RADAR

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

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



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD N CAPOK LOM, RT, 176.30 INBOUND, 1700 FT. IN LIEU OF PT (FAF/IAF), MAX 4500.					
3. FAC:	176.31	FAF: CAPOK LOM/PIE VORTAC 5.33 DME/RADAR	DIST FAF TO MAP:	4.35	DIST FAF TO THLD: 4.35
4. MIN ALT:	CAPOK LOM 1500, JINPI/PIE 2.38 DME 440*				
5. DIST TO THLD FROM OM:	4.35	MM:	IM:	100 HAT: 922	150 HAT: 1382 GS ANT: 1000
6. MIN GS INCPT:	1500	GS ALT AT FAF :	GP INTCP 1460	OM:	MM: IM:
7. GP ANGLE:	3.00	34:1:	20:1:	TCH: 52.7	
8. MSA FROM:	PIE VORTAC 2700				

EQUIPMENT REQUIREMENTS NOTES:

DME, RADAR, OR ADF REQUIRED

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 18: CAT A, B, C, D RA 157, RVR 1400, HAT 150, DA 157 MSL.
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 18: CAT A, B, C, D RA 107, RVR 1200, HAT 100, DA 107 MSL.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LOC ONLY
CHART PROFILE NOTE: USE PIE VORTAC DME WHEN ON THE LOCALIZER COURSE.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR CAT E.
CHART PLANVIEW NOTE: COURSE REVERSAL AT CAPOK NA FOR CAT E AIRCRAFT.
CHART NOTE: SA CAT I S-ILS 18 NA WHEN CONTROL TOWER CLOSED.
CHART NOTE: SA CAT II S-ILS 18 NA WHEN CONTROL TOWER CLOSED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 18 CAT E VISIBILITY TO RVR 4000 AND S-LOC 18 CAT A/B TO RVR 5500 AND C/D/E VISIBILITY TO 1 1/4 SM.
CHART NOTE: JINPI FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 18 CAT C, D, AND E VISIBILITY TO RVR 4500.

ADDITIONAL FLIGHT DATA:

**USE DME FROM PIE VORTAC.
HOLD W, RT, 096.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N JRGAL INT/SRQ 11.00 DME, RT, 172.92 INBOUND.
CHART FAS OBST: 30 VEGETATION 275524N/0824134W.
CHART 307 TOWER 280000N/0824200W.
CHART IN PLANVIEW: JRGAL INT/SRQ 11.00 DME.
CHART CIRCLING ICON.



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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT E 1000-3, NA WHEN CONTROL TOWER CLOSED.

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	440	2400	433	440	2400	433	440	4000	433	440	4000	433	440	4000	433
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 CAT II TO SA CAT II IN PROCEDURE TITLE - SA OMITTED FROM CAT II DESCRIPTION
2. CHANGED CAT II TO SA CAT II IN REDUCED LIGHTING NOTE - SA OMITTED FROM CAT II DESCRIPTION
3. CHANGED CAT II TO SA CAT II IN SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED NOTE - SA OMITTED FROM CAT II DESCRIPTION
4. DELETED "CHART NOTE: S- ILS R18 NA WHEN CONTROL TOWER CLOSED" FROM NOTES - ADDED TO CAT I ILS INADVERTANTLY
5. CHANGED CATEGORY II TO SA CATEGORY II IN S-ILS R18 NA WHEN CONTROL TOWER CLOSED NOTE - SA OMITTED FROM CAT II DESCRIPTION
6. REMOVED "OR AS DIRECTED BY ATC" FROM MISSED APPROACH INSTRUCTIONS - NO LONGER REQUIRED FOR ALTERNATE APPROACH INSTRUCTIONS
7. ADDED "MAX 4500" TO LINE 2 - 8260.19H CHAPTER 8
8. CHANGED FAC ON LINE 3 FROM 176.30 TO 176.31 - ROUNDING VS TRUNCATED VALUE FROM AIRNAV DATA FOR I-PIE; ACTUAL FROM LAST FULL AMENDMET IS 171.309
9. CHANGED ILS ALTERNATE MINIMUMS FROM CAT C 700-2, CAT D 700-2, CAT E 1000-3 TO STANDARD - 8260.3D CHAPTER 3-4-1
10. CHANGED MALSR TO ALS IN BOTH INOP LIGHTING NOTES - 8260.19H CHAPTER 8
11. REMOVED "CHART (CFBBD) AT INTERSECTION OF DARBS DR LEG AND INTERMEDIATE COURSE" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED FOR DOGLEG SEGMENTS PER 8260.19H
12. RAISED JINPI FIX MDA/HAT FROM 280/273 TO 300/293 - NEW MISSED APPROACH PENETRATION
13. CHANGED CHART FAS OBST IN ADDITIONAL FLIGHT DATA FROM 26 BUSH TO 30 VEGETATION - CURRENT TARGETS IDENTIFIED CONTROLLING OBSTACLE
14. MOVED "DME, RADAR, OR ADF REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES - 8260.19H CHAPTER 8
15. CHANGED "CATEGORY" TO "CAT" IN "NA WHEN CONTROL TOWER CLOSED" NOTE - 8260.19H CHAPTER 8
16. CHANGED "MILE" TO "SM" IN INOP ALS NOTE - 8260.19H CHAPTER 8

07/10/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/06/20.
1. ADDED S-LOC 18 AND CIRCLING MINIMUMS



AIRPORT

ST PETE-CLEARWATER INTL

AIRPORT ID

KPIE

PROCEDURE NAME

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

ORIGINAL/AMENDMENT

ORIG-A

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

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ALLAN WILL

Jul 13, 2020

DEVELOPED BY

KELLIE R. BARNES

Digitally signed by

KELLIE R BARNES

OFFICE

AJV-A423

DATE

04/01/2020

APPROVED BY

MARLON ROBINSON

Jul 10, 2020

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Jul 13, 2020

TITLE

MANAGER