

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 6.08 NM AFTER SONES/I-CWT 7.77 DME/RADAR OR AT I-CWT 1.69 DME FIX
PIE VORTAC	SONES/I-CWT 7.76 DME/RADAR	178.01 / 6.55	2000	CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 190 AND SRQ VOR/DME R-339 TO CURUG/SRQ 23.28 DME (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, RT, 096.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N CURUG/SRQ 23.28 DME, RT, 159.42 INBOUND. CHART FAS OBST: 105 TREE 275327N/0824118W CHART 372 TOWER 274741N/0824006W. CHART VDP AT 2.61 DME* DISTANCE VDP TO THLD 0.92 NM. *LOC ONLY. CHART IN PLANVIEW: CURUG/SRQ 23.28 DME. CHART CIRCLING ICON.
SRQ VOR/DME (IAF)	RONXI/I-CWT 13.76 DME/RADAR (NOPT)	349.93 / 18.16	2000	
RONXI/I-CWT 13.76 DME/RADAR (IF)	SONES/I-CWT 7.76 DME/RADAR	356.31 / 5.99 (I-CWT)	2000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD **S** SONES, LT, 356.31 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 356.31 FAF: SONES/I-CWT 7.76 DME/RADAR DIST FAF TO MAP: 6.08 THLD: 6.08
4. MIN. ALT: **SONES 2000, SAWGA/I-CWT 3.79 DME/RADAR 680***
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: **1100**
6. MIN GS INCPT: 2000 GS ALT AT: SONES 2000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: **PIE VORTAC 2700**

MAG VAR: **5W** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: <u> </u> SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	ILS: # <u> </u>	LOC: STANDARD @												
CATEGORY <u>=====</u> >	A		B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 36	210	4000	200	210	4000	200	210	4000	200	210	4000	200	210	4000	200
S-LOC 36	680	5500	670	680	5500	670	680	1 7/8	670	680	1 7/8	670	680	1 7/8	670
CIRCLING	680	1	669	680	1	669	680	1 1/2	669	680	2	669	960	3	949

SAWGA FIX MINIMUMS

S-LOC 36	360	5500	350	360	5500	350	360	5500	350	360	5500	350	360	5500	350
CIRCLING	520	1	509	520	1	509	640	1 1/2	629	680	2	669	960	3	949

NOTES:

CHART NOTE: DME OR RADAR REQUIRED.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: PROCEDURE NA WHEN CONTROL TOWER CLOSED.
 CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

#@ NA WHEN CONTROL TOWER CLOSED.
 # CAT A, B, C, D 700-2, CAT E 1000-3
 @ CAT E 1000-3

CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11 TDZE: 10 AIRPORT NAME: ST PETE-CLEARWATER INTL	FACILITY IDENTIFIER: I-CWT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36, ORIG 15 SEPTEMBER 2016	SUP: 4 AMDT: NONE DATED
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QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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ARINC SUMMARY - KP1E

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
PIE	010	PIE	IF	FB										V
PIE	020	SONES	TF	FO								AA 02000		EY
PIE	030	SONES	HF	FO		356.3	PIE		L			AA 02000		EE A
SRQ	010	SRQ	FC	FB		349.9	SRQ					AA 02000		V A
SRQ	020	RONXI	CF	FB		349.9	ICWT					AA 02000		EE B
	010	RONXI	IF	FB			ICWT					AA 02000 GI 02000		E I
	020	SONES	CF	FB		356.0	ICWT	3.00		PIE		GI 02000 GS 02000		E F
	030	RW36	CF	FO		356.0	ICWT	3.00				AT 00065		GY M
	040		CA	FB		356.3						AA 00600		M
	050	LAFAL	CF	FO		276.0	PIE					AA 02000		EY
	060	LAFAL	HM	FO		096.0			R			AA 02000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
PIE	N275427.95	W0824103.51
SRQ	N272425.26	W0823349.16
LAFAL	N275436.05	W0825005.24
RONXI	N274200.30	W0823908.45
SONES	N274756.78	W0824009.61
ICWT (LOC)	N275537.02	W0824128.74

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW36	N275358.16	W0824111.72	00010	55.0



CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11	TDZE: 10	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ST PETE-CLEARWATER INTL		I-CWT	ILS OR LOC RWY 36, ORIG 15 SEPTEMBER 2016	AMDT: NONE
					DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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ARINC SUMMARY - KPIE

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
PIE	010	PIE	IF	FB										V
PIE	020	SONES	TF	FO								AA 02000		EY
PIE	030	SONES	HF	FO		356.3	PIE		L			AA 02000		EE A
SRQ	010	SRQ	FC	FB		349.9	SRQ					AA 02000		V A
SRQ	020	RONXI	CF	FB		349.9	ICWT					AA 02000		EE B
	010	RONXI	IF	FB			ICWT					AA 02000		E I
	020	SONES	CF	FB		356.0	ICWT			PIE		AA 02000		E F
	021	SAWGA	CF	FB		356.0	ICWT	3.01				AA 00680		E S
	030	RW36	CF	FO		356.0	ICWT	3.01				AT 00065		GY M
	040		CA	FB		356.3						AA 00600		M
	050	LAFAL	CF	FO		276.0	PIE					AA 02000		EY
	060	LAFAL	HM	FO		096.0			R			AA 02000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
PIE	N275427.95	W0824103.51
SRQ	N272425.26	W0823349.16
LAFAL	N275436.05	W0825005.24
RONXI	N274200.30	W0823908.45
SAWGA	N275153.27	W0824050.24
SONES	N274756.78	W0824009.61
ICWT (LOC)	N275537.02	W0824128.74

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW36	N275358.16	W0824111.72	00010	55.0



CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11	TDZE: 10	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ST PETE-CLEARWATER INTL		I-CWT	ILS OR LOC RWY 36, ORIG 15 SEPTEMBER 2016	AMDT: NONE
					DATED: