

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> PHOENIX SKY HARBOR INTL	<u>AIRPORT ID</u> KPHX	<u>PROCEDURE NAME</u> ILS OR LOC RWY 26	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PHOENIX	<u>STATE</u> AZ
<u>AIRPORT ELEVATION</u> 1135	<u>TDZE</u> 1135	<u>SUPERSEDED</u> ILS OR LOC RWY 26	<u>ORIGINAL/AMENDMENT</u> ORIG-F	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 12E
<u>FACILITY</u> I-CWJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
ZERLO INT		CERUN INT/I-CWJ 19.83 DME/RADAR					186.49	9.79 (IWA R-006)	7000
CERUN INT/I-CWJ 19.83 DME/RADAR	IAF	ZEMOS/I-CWJ 16.03 DME/RADAR					258.08	3.80 (I-CWJ)	6000
ZEMOS/I-CWJ 16.03 DME/RADAR		TODRE/I-CWJ 12.43 DME/RADAR					258.08	3.60 (I-CWJ)	5000
TODRE/I-CWJ 12.43 DME/RADAR	IF	JAGAL/I-CWJ 8.83 DME/RADAR					258.08	3.60 (I-CWJ)	4000
JAGAL/I-CWJ 8.83 DME/RADAR		PRUNN/I-CWJ 5.52 DME/RADAR					258.08	3.31 (I-CWJ)	3000

MISSED APPROACH

MAP:

ILS: DA
 LOC: 5.69 NM AFTER PRUNN/I-CWJ 5.52 DME/RADAR OR AT I-CWJ 0.17 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 5000 ON HEADING 030 AND PXR VORTAC R-336 TO AVENT/PXR 15.87 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

OR AS DIRECTED BY ATC. CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 5000 DIRECT IWA VORTAC AND HOLD



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT TODRE
3. FAC:

258.08

FAF: PRUNN/I-CWJ 5.52

DIST FAF TO MAP: 5.69

DIST FAF TO THLD: 5.69

DME/RADAR
4. MIN ALT: TODRE/I-CWJ 12.43 DME/RADAR 5000, JAGAL/I-CWJ 8.83 DME/RADAR 4000, PRUNN/I-CWJ 5.52 DME/RADAR 3000, DELSE/I-CWJ 1.55 DME/RADAR 1740*
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.61

GS ANT: 1080
6. MIN GS INCPT:

3000

GS ALT AT FAF : PRUNN/I-CWJ 5.52 DME/RADAR 3000

OM:

MM:

IM:
7. GP ANGLE:

3.00

34:1:

20:1:

TCH: 54.5
8. MSA FROM: PXR VORTAC 100-190 4800, 190-340 5800, 340-100 6200

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZERLO ON V190 NORTHEAST BOUND.
CHART PROFILE NOTE: USE I-CWJ DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: IWA VORTAC
CHART VDP AT 1.01 DME*
DISTANCE VDP TO THLD 1.17 NM
* LOC ONLY
CHART FAS OBST: 1285 ANTENNA 332645N/1115715W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S IWA VORTAC, RT, 360.00 INBOUND.
HOLD NW, RT, 156.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1500-3

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 26	1385	3/4	250	1385	3/4	250	1385	3/4	250	1385	3/4	250			
S-LOC 26	1580	1	445	1580	1	445	1580	1 3/8	445	1580	1 3/8	445			
CIRCLING	1740	1	605	1740	1	605	2040	2 3/4	905	2560	3	1425			



CHANGES - REASONS

1. CHANGED VGSI NON-COINCIDENTAL NOTE FROM VGSI AND ILS GLIGEPATH NOT COINCIDENT TO VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
2. CHANGED DELSE DME DISTANCE FROM 3.8 DME TO 1.55 DME - DME SOURCE CHANGED.
3. CHANGED DISTANCE PRUNN TO DELSE FROM 3.9NM TO 3.97NM - PRUNN MOVED 528FT EAST.
4. CHANGED PRUNN DME DISTANCE FROM 7.7 DME TO 5.52 DME - DME SOURCE CHANGED.
5. CHANGED DISTANCE JAGAL TO PRUNN FROM 3.4NM TO 3.31NM - PRUNN MOVED 528FT EAST.
6. MOVED PRUNN 528 FEET EAST - UTILIZED CURRENT PFAF FORMULA.
7. CHANGED JAGAL DME DISTANCE FROM 11.1 DME TO 8.83 DME - DME SOURCE CHANGED.
8. CHANGED TODRE DME DISTANCE FROM 14.7 DME TO 12.43 DME - DME SOURCE CHANGED.
9. CHANGED ZEMOS DME DISTANCE FROM 18.3 DME TO 16.03 DME - DME SOURCE CHANGED.
10. CHANGED CERUN DME DISTANCE FROM 22.1 DME TO 19.83 DME - DME SOURCE CHANGED.
11. INCREASED CAT C CIRCLING MDA FROM 1920 FT TO 2040 FT. INCREASED CAT D CIRCLING FROM 2220 FT TO 2560 FT - NEW OBSTACLE EVALUATION.
12. DA/HAT CHANGED FROM 1386/251 TO 1385/250 - LOWER MINIMUMS DUE TO UPDATED OBSTACLE EVALUATION.
13. DISTANCE DA TO THRESHOLD CHANGED FROM 0.62 NM TO 0.61 NM. - LOWER MINIMUMS.
14. VDP CHANGED FROM 3.27 DME/1.21 NM TO THLD TO 1.01 DME/ 1.17 NM TO THLD - NEW DME SOURCE.
15. CHANGED DISTANCE PFAF TO RWY 26 THRE FROM 5.6NM TO 5.69NM - FIX MOVED 528FT EAST.
16. CHANGED ALTERNATE MINS FROM "ILS: CAT A, B 700-2, CAT C 800-2 1/4, CAT D 1100-3, LOC: CAT C 800-2 1/4, CAT D 1100-3" TO: ILS "STANDARD; LOC: STANDARD - CAT C 1000-2 3/4, CAT D 1500-3", S-LOC-26 CAT C VISIBILITY INCREASED, CAT C CMDA INCREASED FROM 1920 FT TO 2040 FT WITH CORRESPONDING VISIBILITY AND CAT D CMDA INCREASE.
17. CHANGED SIMULTANEOUS OPERATIONS NOTE FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 25L/R" TO "SIMULTANEOUS APPROACH AUTHORIZED"- UPDATED IAW 19H 8-6-9, O,7,B.
18. REMOVED PLANVIEW NOTE: DME OR RADAR REQUIRED AND ADDED TO EQUIPMENT REQUIREMENTS - IAW 19H 8-6-8,A
19. REMOVED CHART NOTE: DME REQUIRED - ADDED TO EQUIPMENT REQUIREMENTS - IAW 19H 8-6-8,A
20. CHANGED FAS OBSTACLE FROM: 1229 POLE TO: 1285 ANTENNA - UPDATED OBSTACLE EVALUATION.
21. REMOVED 1473 TWR 332636N/1115627W FROM ADDITIONAL FLIGHT DATA - OBSTACLE NO LONGER IN DATABASE.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAB, PHX APP CON, PHX ATCT, AZ AERO, AMGR

FLIGHT CHECKED BY

BRYAN VEIT

Digitally signed by

WARDELL HENNING

Jul 01, 2019

OFFICE

FICO

DATE

6/28/19

DEVELOPED BY

WARDELL HENNING (JANTZEN TAYLOR)

Digitally signed by

WARDELL HENNING

Jul 01, 2019

OFFICE

AJV-A432

DATE

03/22/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by

WARDELL HENNING

Jul 01, 2019

OFFICE

AJV-A430

DATE

TITLE

MANAGER

