

**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> PIA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 13	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> PEORIA	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 661	<u>TDZE</u> 632	<u>SUPERSEDED</u> ILS OR LOC RWY 13	<u>ORIGINAL/AMENDMENT</u> 6H	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-GZX	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 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>
PIA VORTAC		ADLER OM/INT	FAF/IAF				344.17	2.76	2500
GREGG/PIA 13.25 DME	IAF	SUGRR INT	NOPT				140.00 (SUGRR HDG140) & 128.50 (I-GZX R-309)	1.01 & 4.05	2500
SUGRR INT	IF	ADLER OM/INT					128.50 (I-GZX)	6.00	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.26 NM AFTER ADLER OM/INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT TUNGG LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 308.50 OUTBOUND 2500 FT WITHIN 10 MILES OF ADLER OM/INT (IAF)
2.
3. FAC: 128.50 FAF: ADLER OM/INT PFAF: GP INTCP DIST FAF TO MAP: 5.26 DIST FAF TO THLD: 5.26
4. MIN ALT: ADLER OM/INT 2500
5. DIST TO THLD FROM OM: 5.26 MM: IM: 150 HAT: GS ANT: 1235
6. MIN GS INCPT: 2500 GS ALT AT PFAF: OM: 2363 MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 56.0
8. MSA FROM: PIA VORTAC 180-360 2300, 360-180 2800

QUALITY
37
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.
DME REQUIRED FOR PROCEDURE ENTRY AT GREGG.

NOTES:

CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.
CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING AND INCREASE S-ILS 13* DA TO 921 FEET; INCREASE ALL MDAS 100 FEET; AND CIRCLING VISIBILITY CAT C/D 1/2 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-ILS 13* ALL CATS VISIBILITY TO RVR 4500.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 308.52 INBOUND.
FAS OBST: 922 AAO 404242N/0894815W.
CHART (SUGRR) AT INTERSECTION OF GREGG DR LEG AND INTERMEDIATE COURSE.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 13*	832	2400	200	832	2400	200	832	2400	200	832	2400	200			
S-LOC 13	1180	2400	548	1180	2400	548	1180	6000	548	1180	6000	548			
CIRCLING	1180	1	519	1180	1	519	1180	1 5/8	519	1400	2 1/4	739			



CHANGES - REASONS

1. CHANGED TDZE FROM 636 TO 632 - PER AIRNAV DATA.
2. TERMINAL ROUTES: CHANGED FEEDER SEGMENT COURSE FROM 345.17 TO 344.17 AND DISTANCE FROM 2.78 TO 2.76 - FAF RELOCATED BASED ON GPA/TCH.
3. TERMINAL ROUTES: CHANGED FROM "GREGG INT/PIA 13.25 DME" TO "GREGG/PIA 13.25 DME" - BDF VOR MON PROGRAM.
4. TERMINAL ROUTES: CHANGED IAF SEGMENT COURSE FROM "134.17 (PIA R-311) & 128.50 (I-GZX)" TO "140.00 (SUGRR HDG140) & 128.50 (I-GZX R-309)" AND DISTANCE FROM "1.33 & 9.73" TO "1.01 & 4.05" - ADDED IF SEGMENT PER ATC/CHECKLIST REQUEST.
5. TERMINAL ROUTES: ADDED SUGGR INT IF TO PROCEDURE - PER ATC/CHECKLIST REQUEST.
6. MISSED APPROACH: CHANGED LOC MAP FROM "5.25 NM AFTER ADLER OM/INT" TO "5.26 NM AFTER ADLER OM/INT" - FAF RELOCATED BASED ON GPA/TCH.
7. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2500 DIRECT PI LOM AND HOLD" TO "CLIMB TO 2500 DIRECT TUNGG LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2500" - CIH REQUIRED, 8260.19I, APPENDIX F EXAMPLES.
8. PROFILE LINE 3: CHANGED DIST FAF TO MAP AND DIST FAF TO THLD FROM 5.25 TO 5.26 - FAF RELOCATED BASED ON GPA/TCH.
9. PROFILE LINE 5: CHANGED "DIST TO THLD FROM OM" FROM 5.25 TO 5.26 - FAF RELOCATED BASED ON GPA/TCH.
10. PROFILE LINE 6: CHANGED OM FROM 2395 TO 2363 - PER FAF RELOCATION BASED ON GPA/TCH.
11. PROFILE LINE 7: CHANGED TCH FROM 59 TO 56 - PER AIRNAV DATA.
12. EQUIPMENT REQUIREMENTS NOTES: CHANGED FROM "ADF REQUIRED FOR MISSED APPROACH" TO "ADF REQUIRED" - 8260.19J, PARA 8-6-9A(1).
13. EQUIPMENT REQUIREMENTS NOTES: ADDED "DME REQUIRED FOR PROCEDURE ENTRY AT GREGG" - GREGG IS DEFINED AS DME ONLY.
14. CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, INCREASE S-LOC 13 CAT C/D VISIBILITY TO 1 3/8 MILE" TO "FOR INOPERATIVE ALS, INCREASE S-LOC CATS A AND B TO RVR 5500" - PER UPDATED 8260.3F VIS TABLES.
15. ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING AND INCREASE S-ILS 13* DA TO 925 FEET; INCREASE ALL MDAS 100 FEET; AND CIRCLING VISIBILITY CAT C/D 1/2 SM" - CHARTED FOR CONSISTENCY THROUGHT ALL AIRPORT PROCEDURES.
16. ADDED "CHART NOTE: FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-ILS 13* ALL CATS VISIBILITY TO RVR 4500, AND S-LOC 13 CATS A/B TO RVR 5500" - PER UPDATED 8260.3F VIS TABLES
17. ADDED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 13*" - PER 8260.19J, PARA 8-6-120(3)(A).
18. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 853 TWR (KPIAT1167) 404139N/0894501W" TO "FAS OBST: 922 AAO 404242N/0894815W" - NEW CONTROLLING OBSTACLE.
19. ADDITIONAL FLIGHT DATA: REMOVED "CHART (CFBZL) AT INTERSECTION OF GREGG DR AND INTERMEDIATE COURSE" - NO LONGER APPLICABLE.
20. CHANGED ALTERNATE MINS FROM "ILS: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - PER UPDATED 8260.3F VIS TABLES.
21. CHANGED S-ILS 13 ALL CATS VISIBILITY FROM RVR 2400 TO RVR 4000 - 8260.3F, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
22. CHANGED S-LOC 13 ALL CATS MDA/HAT FROM 1120/484 TO 1180/548, CATS A AND B VISIBILITY FROM RVR 2400 TO RVR 4000 AND CATS C AND D VISIBILITY FROM RVR 5000 TO RVR 6000 - NEW CONTROLLING OBSTACLE, 8260.3F, CHAPTER 3 VISIBILITY, TABLE 3-3-3.
23. CHANGED CIRCLING CATS A AND B MDA/HAA FROM 1160/499 TO 1180/519 AND CAT C VISIBILITY FROM 1 1/2 SM TO 1 5/8 SM - BASED ON STRAIGHT-IN MINS, 8260.3F, CHAPTER 3 VISIBILITY, TABLE 3-3-3.

03/03/25: THIS IS A UPDATED COPY OF THE FORM DEVELOPED ON 12/3/24.
ADDED "PFAF: GP INTCP" TO PROFILE LINE 3.
REMOVED CHART NOTE "FOR INOPERATIVE ALS, INCREASE S-LOC CATS A AND B TO RVR 5500".
CHANGED BACK-UP ALTIMETER NOTE S-ILS* 13 DA FROM "925" TO "921".
CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-ILS 13* ALL CATS VISIBILITY TO RVR 4500, AND S-LOC 13 CATS A/B TO RVR 5500" TO "FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-ILS 13* ALL CATS VISIBILITY TO RVR 4500".
REMOVED "CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 13*".
CHANGED S-ILS 13* ALL CATS DA/HAT FROM 836/204 TO 832/200 AND ALL CATS VISIBILITIES FROM 4000 RVR TO 2400 RVR.
CHANGED S-LOC 13 CATS A AND B VISIBILITY FROM 4000 RVR TO 2400 RVR.

03/28/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/06/2025.
MOVED THE ASTERISK IN THE ALTIMETER SETTING NOTE FROM ...S-ILS* 13... TO ... S-ILS 13*...

COORDINATED WITH

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:ZAU ARTCC, PIA ATCT, AMGR

FLIGHT CHECKED BY

BRIAN PETER CARSON

Digitally signed by

CASIMIR L TABAKA

Mar 06, 2025

OFFICE

FIOG

DATE

02/27/2025

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Mar 06, 2025

OFFICE

AJV-A432

DATE

12/03/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Mar 06, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER

QUALITY
37
CHECKED