

**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.

AIRPORT ID PIA	PROCEDURE NAME ILS OR LOC RWY 31	ORIGINAL/AMENDMENT 8A	CITY PEORIA	STATE IL
AIRPORT ELEVATION 661	TDZE 650	SUPERSEDED ILS OR LOC RWY 31	DATED 12/26/2024	MAG VAR 2W
FACILITY I-PIA	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 7 AUGUST 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2015
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PIA VORTAC		TUNGG LOM					112.04	10.15	2400
NINIC/PIA 30.65 DME	IAF	MKNTY/PIA 16.18 DME	NOPT				263.83 (HDG) & 308.52 (I-PIA R-129)	3.32 & 11.93	2400
MKNTY/PIA 16.18 DME	IF	TUNGG LOM					308.52 (I-PIA)	6.10	2400

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.19 NM AFTER TUNGG LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT TUNGG LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400. (ADF REQUIRED)

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE TUNGG LOM, RT, 308.52 INBOUND, 2400 IN LIEU OF PT (IAF), MAX 14000.
- FAC:** 308.52 **FAF:** TUNGG LOM **DIST FAF TO MAP:** 5.19 **DIST FAF TO THLD:** 5.19
- MIN ALT:** TUNGG LOM 2400
- DIST TO THLD FROM OM:** 5.19 **MM:** **IM:** **150 HAT:** **GS ANT:** 947
- MIN GS INCPT:** 2400 **GS ALT AT PFAF:** **OM:** 2350 **MM:** **IM:**
- GS ANGLE:** 3:00 **34:1:** **20:1:** **TCH:** 54.7
- MSA FROM:** TUNGG LOM 2800



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. (NA WHEN USING AAA ALTIMETER SETTING).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING: INCREASE S-ILS 31 DA TO 939 FEET; INCREASE ALL MDAS 100 FEET AND S-LOC 31 VISIBILITY CAT C/D/E TO 1 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM AND CAT D 1/2 SM.
 CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.
 CHART NOTE: FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-ILS 31 ALL CATS VISIBILITY TO RVR 4500, S-LOC 31 VISIBILITY CATS C/D/E TO 1 5/8 SM.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 31 CAT E VISIBILITY TO RVR 4000 AND S-LOC 31 CATS C/D/E TO 1 3/8 SM.
 CHART NOTE: DME FROM PIA VORTAC. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-PIA AND PIA DME

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 095.00 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE TUNGG LOM, RT, 308.52 INBOUND.
 FAS OBST: 857 AAO 403703N/0893615W.
 CHART 885 TOWER (17-000778) 403544N/0893541W.
 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, CAT E 1100-3, 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
S-ILS 31*	850	2400	200	850	2400	200	850	2400	200	850	2400	200	850	2400	200
S-LOC 31	1120	2400	470	1120	2400	470	1120	5000	470	1120	5000	470	1120	5000	470
CIRCLING	1160	1	499	1160	1	499	1180	1 1/2	519	1400	2 1/4	739	1680	3	1019

CHANGES - REASONS

- 1) TERMINAL ROUTES: CHANGED COURSE/DISTANCE FOR INITIAL SEGMENT "NINIC/PIA 30.65 DME" TO "MKNTY/PIA 16.18", FROM "263.86" TO "263.83" AND "3.33" TO "3.32", AND ADDED "NO PT" -- DOCUMENTATION ERROR/IAW 8260.19J 8-2-5.G.
- 2) MAP: CHANGED FROM "LOC: PIA 5.12 DME" TO "LOC: 5.19 NM AFTER TUNGG LOM" -- IAW 8260.19J 8-6-6, DME SOURCE IS ASSOCIATED WITH THE VORTAC
- 3) PROFILE LINE 3: ADDED "DIST FAF TO MAP: 5.19" -- IAW 8260.19J 8-6-6, FAF TO MAP TIMING USED, LOC HAS NO DME
- 4) EQUIPMENT REQUIREMENTS NOTES: CHANGED FROM "DME REQUIRED" TO "DME REQUIRED FOR PROCEDURE ENTRY" -- NO FINAL DME SOURCE AVAILABLE/DME REQUIRED OUTSIDE THE FAC.



AIRPORT ID
PIA

PROCEDURE NAME
ILS OR LOC RWY 31

ORIGINAL/AMENDMENT
8A

CITY
PEORIA

STATE
IL

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZAU, PIA APP CON, PIA ATCT, AMGR

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

ALLAN WILL
May 12, 2025

OFFICE

DATE

DEVELOPED BY

RONI SECAIDA

Digitally signed by

RONI SECAIDA
May 08, 2025

OFFICE

AJV-33

DATE

04/21/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL
May 12, 2025

OFFICE

AJV-33

DATE

04/21/2025

TITLE

MANAGER

