

**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><b>AIRPORT ID</b></u> KPIA	<u><b>PROCEDURE NAME</b></u> ILS OR LOC RWY 4 ILS RWY 4 (SA CAT I), ILS RWY 4 (SA CAT II)	<u><b>ORIGINAL/AMENDMENT</b></u> 4	<u><b>CITY</b></u> PEORIA	<u><b>STATE</b></u> IL			
<u><b>AIRPORT ELEVATION</b></u> 661	<u><b>TDZE</b></u> 652	<u><b>SUPERSEDED</b></u> ILS OR LOC RWY 4 ILS RWY 4 (SA CAT I), ILS RWY 4 (SA CAT II)	<u><b>ORIGINAL/AMENDMENT</b></u> 3A	<u><b>DATED</b></u> 03/26/2020	<u><b>MAG VAR</b></u> 2W	<u><b>EPOCH YEAR</b></u> 2015	
<u><b>FACILITY</b></u> I-RNX	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 7 OCTOBER 2021	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></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		SADEE/I-RNX 12.78 DME					190.01	10.76	2700
SADEE/I-RNX 12.78 DME	IF/IAF	PADLL INT/I-RNX 6.76 DME					040.63	6.01 (I-RNX)	2400

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.35 NM AFTER PADLL INT/I-RNX 6.76 DME OR AT I-RNX 1.42 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2700 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 DIRECT TUNGG LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700 (ADF REQUIRED).

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW SADEE, RT, 040.63 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 5100.
- FAF: 040.63 FAF: PADLL INT/I-RNX 6.76 DME DIST FAF TO MAP: 5.35 DIST FAF TO THLD: 5.35
- MIN ALT: SADEE/I-RNX 12.78 DME 2700, PADLL INT/I-RNX 6.76 DME 2400, JINUL/I-RNX 3.12 DME 1220\*
- DIST TO THLD FROM OM: MM: IM: 100 HAT: 1038 150 HAT: 1992 GS ANT: 1027
- MIN GS INCPT: 2400 GS ALT AT FAF: PADLL INT/I-RNX 6.76 DME 2400 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 55.1
- MSA FROM: PIA VORTAC 360-180 2800, 180-360 2300

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.



**NOTES:**

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4: CAT A, B, C, D, RA 171, RVR 1400, HAT 150, DA 802 MSL.  
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 4: CAT A, B, C, D, RA 115, RVR 1200, HAT 100, DA 752 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.  
CAT I CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.  
CAT I CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C AND D VISIBILITY TO RVR 5500.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 170 CW 230.  
CAT I CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON  
CHART IN PLANVIEW PIA VORTAC 10.76 DME AT SADEE.  
HOLD N, RT, 169.97 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE PIA ILS, RT, 308.52 INBOUND.  
CHART FAS OBST: 732 TREE 403821N/0894250W.  
CHART VDP AT 2.37 DME\*  
DISTANCE VDP TO THLD 0.95 NM.  
\*LOC ONLY.  
CHART IN PLANVIEW: TUNGG LOM.

**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 04**	852	2400	200	852	2400	200	852	2400	200	852	2400	200			
S-LOC 04	1000	2400	348	1000	2400	348	1000	3000	348	1000	3000	348			
CIRCLING	1160	1	499	1160	1	499	1180	1 1/2	519	1400	2 1/4	739			

**CHANGES - REASONS**

1. ADDED "MAX 5100" TO LINE 2 - 8260.19H 8-6-7.B.
2. CHANGED LINE 4 FROM "SADEE 2700, PADLL 2400, JINUL/I-RNX 3.12 DME 1220"" TO "SADEE/I-RNX 12.78 DME 2700, PADLL INT/I-RNX 6.76 DME 2400, JINUL/I-RNX 3.12 DME 1220"" - ADDING DME DESCRIPTION.
3. DIST FROM THLD FROM 100 HAT CHANGED FROM 1034 TO 1038 - 8260.3D FORMULA 3-2-2, PREVIOUS CALCULATION USED THLD ELEVATION OF 642.7, ACTIVE AIRNAV DATA SHOWS 642.5.
4. DIST FROM THLD FROM 150 HAT CHANGED FROM 1988 TO 1992 - 8260.3D FORMULA 3-2-2, PREVIOUS CALCULATION USED THLD ELEVATION OF 642.7, ACTIVE AIRNAV DATA SHOWS 642.5.
5. GS ALT AT CHANGED FROM "PADLL 2400" TO "PADLL INT/I-RNX 6.76 DME 2400" - ADDING DME DESCRIPTION.
6. REMOVED "CHART PLANVIEW NOTE: DME REQUIRED" IN ADDITIONAL FLIGHT DATA AND ADDED "DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES - 8260.19H 8-6-8.
7. CHANGED "CHART FAS OBST: 724 TREE 403823N/0894247W" TO "CHART FAS OBST: 732 TREE 403821N/0894250W" IN ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUATION.
8. CHANGED "CHART VDP AT 2.30 DME\* DISTANCE VDP TO THLD 0.88 NM" TO "CHART VDP AT 2.37 DME\* DISTANCE VDP TO THLD 0.95 NM" IN ADDITIONAL FLIGHT DATA - NEW OBSTACLE EVALUATION, LOC MDA/HAT RAISED FROM 980/328 TO 1000/348 IN P-NOTAM.
9. S-ILS 04 DA/HAT CHANGED FROM 902/250 TO 852/200 - PREVIOUS MISSED APPROACH PENETRATION FOUND TO BE CLEAR, MISSED SLOPED SURFACE ASC.
10. SA CAT I ILS RA CHANGED FROM 162 TO 171 - NEW TERRAIN EVALUATION, DA/HAT REMAINS AT 802/150.
11. SA CAT II ILS RA CHANGED FROM 112 TO 115 - NEW TERRAIN EVALUATION, DA/HAT REMAINS AT 752/100.
12. ADDED "CAT I CHART NOTE: \*\*RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" AND "" TO S-ILS 04 - S-ILS 04 DA/HAT RESTORED TO 852/200, 8260.19H 8-6-9.A(5).
13. ILS ALTERNATE MINIMUMS CHANGED FROM "STANDARD - CAT D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED" TO "STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" AND LOC ALTERNATE MINIMUMS FROM "STANDARD - CAT D 2 1/4, NA WHEN CONTROL TOWER CLOSED" TO "STANDARD - CAT D 2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - CONTROL TOWER NOW 24/7 OPS AND IMPLEMENTATION OF 8260.19H ATTACHMENT 4, 8260.3D 3-4-1.
14. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2700 DIRECT PIA VORTAC AND HOLD, OR AS DIRECTED BY ATC" TO "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2700 DIRECT PIA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700" - CLIMB-IN-HOLD NEEDED DUE TO OCS BELOW ROC SURFACE ELEVATION, 8260.3D 2-8-8.E.
15. CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 DIRECT TUNGG LOM AND HOLD (ADF REQUIRED)" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 DIRECT TUNGG LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700 (ADF REQUIRED)" - CLIMB-IN-HOLD NEEDED DUE TO OCS BELOW ROC SURFACE ELEVATION, 8260.3D 2-8-8.E.
16. CHANGED "CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT" TO "CAT I CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT" - 8260.19H 8-6-9.A(5).
17. CHANGED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C AND D VISIBILITY TO RVR 5500" TO "CAT I CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C AND D VISIBILITY TO RVR 5500" - 8260.19H 8-6-9.A(5).
18. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 170 CW 230" - 8260.19H 8-2-5.E.
19. CHANGES FROM P-NOTAM AMDT 3A INCORPORATED INTO FORM - REQUIRED IAW 8260.19H PARA 8-3-4C(3).

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** PIA APP CON, PIA ATCT, ZAU, AMGR

**FLIGHT CHECKED BY**

PATRICK MURRAY

Digitally signed by

**JASON KRETSCHMER**

Jul 09, 2021

**OFFICE**

FICO

**DATE**

07/08/2021

**DEVELOPED BY**

ANTHONY CAPPABIANCO

Digitally signed by

**ANTHONY J CAPPABIANCO**

Nov 23, 2020

**OFFICE**

AJV-A422

**DATE****APPROVED BY**

MARLON ROBINSON

Digitally signed by

**JASON KRETSCHMER**

Jul 09, 2021

**OFFICE**

AJV-A420

**DATE****TITLE**  
MANAGER