

**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> KPKD	<u>PROCEDURE NAME</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> PARK RAPIDS	<u>STATE</u> MN		
<u>AIRPORT ELEVATION</u> 1445	<u>TDZE</u> 1444	<u>SUPERSEDED</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 06/23/2016	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-PKD	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WANIR/PKD 11.49 DME/RADAR	IF	SPIDA LOM/PKD 5.50 DME	NOPT				311.07	6.00 (I-PKD)	3200

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.25 NM AFTER SPIDA LOM/PKD 5.50 DME OR AT PKD 0.25 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 THEN LEFT TURN DIRECT SPIDA LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 131.07 OUTBOUND 3200 FT WITHIN 10 MILES OF SPIDA LOM/PKD 5.50 DME (IAF)
- 2.
3. FAC: 311.07 FAF: SPIDA LOM/PKD 5.50 DME DIST FAF TO MAP: 5.25 DIST FAF TO THLD: 5.25
4. MIN ALT: SPIDA LOM/PKD 5.50 DME 3200
5. DIST TO THLD FROM OM: 5.25 MM: 0.43 IM: 150 HAT: GS ANT: 950
6. MIN GS INCPT: 3200 GS ALT AT FAF: OM: 3193 MM: 1632 IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 52.7
8. MSA FROM: PK LOM 3400

EQUIPMENT REQUIREMENTS NOTES:

ADF REQUIRED.
ADF OR RADAR REQUIRED FOR PROCEDURE ENTRY



NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 31 CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 311.07 INBOUND.
 FAS OBST: 1659 AAO 465102N/0950055W.
 CHART VDP AT 1.59 DME*
 DISTANCE VDP TO THLD 1.34 NM.
 *LOC ONLY.
 CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA

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 31	1644	1/2	200	1644	1/2	200	1644	1/2	200	1644	1/2	200				
S-LOC 31	1920	1/2	476	1920	1/2	476	1920	1	476	1920	1	476				
CIRCLING	1920	1	475	1980	1	535	2000	1 1/2	555	2500	3	1055				

CHANGES - REASONS

1. DELETED BACKUP ALTIMETER NOTE FROM 8260-3, MOVED TO BACK OF 8260-9 AND UPDATED CHART NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WADENA ALTIMETER SETTING AND INCREASE ALL DA 75 FEET AND ALL MDA 80 FEET; INCREASE S-LOC 31 CATS C/D VISIBILITY 1/8 MILE AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WADENA ALTIMETER SETTING; INCREASE S-ILS DA TO 1719 FEET; INCREASE ALL MDA 80 FEET; INCREASE S-LOC CATS C/D VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM - CRITERIA FORMAT CHANGE.
2. DELETED VDP NA NOTE FROM 8260-3, MOVED TO BACK OF 8260-9: CHART NOTE: VDP NA WHEN USING WADENA ALTIMETER SETTING - CRITERIA FORMAT CHANGE.
3. DELETED INOPERATIVE MALSR NOTE FROM 8260-3, MOVED TO BACK OF 8260-9 AND UPDATED CHART NOTE FROM: FOR INOPERATIVE MALSR WHEN USING WADENA ALTIMETER SETTING, INCREASE S-ILS 31 ALL CATS VISIBILITY TO 7/8 MILE TO FOR INOPERATIVE ALS WHEN USING WADENA ALTIMETER SETTING, INCREASE S-ILS ALL CATS VISIBILITY TO 7/8 SM - CRITERIA FORMAT CHANGE.
4. DELETED NOTES: ADF REQUIRED AND ADF OR DME REQUIRED AND ADDED EQUIPMENT REQUIREMENT NOTES: ADF REQUIRED AND ADF OR DME OR RADAR REQUIRED FOR PROCEDURE ENTRY - RADAR NOW REQUIRED FOR THE ADDED INTERMEDIATE IF SEGMENT - REFERENCE REVISED CRITERIA.
5. ADDED STRAIGHT-IN INTERMEDIATE FOR RADAR VECTORING - FPT/ATC REQUEST.
6. ADDITIONAL FLIGHT DATA: DELETED CHART IN PLANVIEW: (CFVLJ) AT 464547.52N/0945222.66W - FACF NO LONGER A REQUIREMENT WITH A NEW UNDERLYING INTERMEDIATE SEGMENT ADDED.
7. DELETED FEEDER SEGMENT FROM PKD VOR/DME TO SPIDA LOM - FPT/ATC REQUEST DUE TO PKD VOR PORTION BEING DECOMMISSIONED.
8. UPDATED CHART NOTE FROM: FOR INOPERATIVE MALSR, INCREASE S-LOC 31 CAT C/D VISIBILITY TO 1 3/8 MILE TO FOR INOPERATIVE ALS, INCREASE S-LOC 31 CAT C/D VISIBILITY TO 1 3/8 SM - CRITERIA FORMAT CHANGE.

3/24/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 12/31/2019:

1. ADDED (I-PKD) TO TERMINAL ROUTES AFTER DISTANCE 6.00; CHANGED I-PKD TO PKD IN THE FOLLOWING SEGMENTS: TERMINAL ROUTES TO (8260-3); MISSED APPROACH LOC (8260-3); PROFILE LINES 3, 4 AND 6 (8260-3); INTERMEDIATE TO (8260-9); INTERMEDIATE PT TO (8260-9); LOC FINAL FROM AND MAP (8260-9); MISSED APPROACH LOC FROM (8260-9); - PKD DME WILL BE STANDALONE REMAINING AT ITS CURRENT LOCATION.
2. REMOVED LINES 4 MIN ALT: WANIR/PKD 11.49 DME/RADAR 3200 AND LINE 6 GS ALT AT FAF: SPIDA LOM/PKD 5.50 DME - DATA NOT REQUIRED.

9/22/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON: 12/31/2019:

1. UPDATED EQUIPMENT REQUIREMENTS NOTES TO REMOVE OR DME - NOT REQUIRED FOR PROCEDURE ENTRY.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, APT MGR

FLIGHT CHECKED BY
BROC LANGDON STARRETT

Digitally signed by
DAVID TEFFETELLER
Sep 24, 2020

OFFICE
FIOG

DATE
09/15/2020

DEVELOPED BY
SYLVAN DRAKES
Digitally signed by
SYLVAN DRAKES
Sep 23, 2020

OFFICE
AJV-A433

DATE
12/31/2019

APPROVED BY
LONNIE EVERHART

Digitally signed by
DAVID TEFFETELLER
Sep 24, 2020

OFFICE
AJV-A430

DATE

TITLE
MANAGER

