

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

**TITLE 14 CFR PART 97.33**

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> PARK RAPIDS MUNI-KONSHOK FIELD	<u>AIRPORT ID</u> KPKD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> PARK RAPIDS	<u>STATE</u> MN
<u>AIRPORT ELEVATION</u> 1445	<u>TDZE</u> 1445	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 06/23/2016	<u>MAG VAR</u> 4E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 041/30 CW 221/30	NOPT	041/4 CW 221/4		3500
2. 041/4 CW 221/4		YONUR	IF/IAF	3200
3. 221/30 CW 311/30		HARUT	IAF	3400
4. 311/30 CW 041/30		WORAP	IAF	3400

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
HARUT	IAF	YONUR	NOPT	TF	FB	1.00	221.01	7.20	3200
WORAP	IAF	YONUR	NOPT	TF	FB	1.00	040.83	7.20	3200
YONUR	IF/IAF	PEKLY		TF	FB	1.00	130.92	6.04	3200
PEKLY	FAF	ZAMPU/1.97 NM TO RW13		TF	FB	0.30	130.99	3.39	
ZAMPU/1.97 NM TO RW13		RW13	MAP	TF	FO	0.30	130.99	1.97	
RW13	MAP	1820 MSL		CA			130.99		
1820 MSL		ZUMLU		DF	FO	1.00			3200



**MISSED APPROACH**

**MAP:**

LP: RW13  
LNAV: RW13

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3200 DIRECT ZUMLU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- 1. PT      SIDE OF COURSE                      OUTBOUND                      FT WITHIN                      MILES OF (IAF)
- 2. HOLD NW YONUR, RT, 130.92 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. FAC: 130.99      FAF: PEKLY                                      DIST FAF TO MAP: 5.36                                      DIST FAF TO THLD: 5.36
- 4. MIN ALT:      YONUR 3200, PEKLY 3200, ZAMPU/1.97 NM TO RW13 2120
- 5. DIST TO THLD FROM OM:                      MM:                      IM:                      150 HAT:                      GS ANT:
- 6. MIN GP INCPT:                                      GP ALT AT FAF :                                      OM:                                      MM:                                      IM:
- 7. GP ANGLE:                                      34:1: IS NOT CLEAR      20:1: IS CLEAR                      TCH:
- 8. MSA FROM:

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING RWY 18, 36 NA AT NIGHT.  
CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.  
PEKLY TO RW13: 3.00/48.  
CHART VDP AT 1.03 NM TO RW13  
WAAS CHANNEL #86925  
REFERENCE PATH ID: W13A  
CHART FAS OBST: 1569 TREE 465549N/0950635W, 1579 TREE 465533N/0950730W.  
HOLD SE, RT, 311.22 INBOUND  
LTP HAE: 413 M



**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT D 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	HAT/HAA
LP MDA	1820	1	375	1820	1	375	1820	1	375	1820	1	375				
LNAV MDA	1840	1	395	1840	1	395	1840	1 1/8	395	1840	1 1/8	395				
CIRCLING	1900	1	455	1980	1	535	2000	1 1/2	555	2500	3	1055				

**CHANGES - REASONS**

1. REMOVED INITIAL SEGMENTS FROM STRAW AND CELIS (IAF) TO YONUR - PER FPT REQUEST.
2. DELETED BACKUP ALTIMETER AND VDP NA NOTES FROM 8260-3; MOVED NOTES TO BACK OF 8260-9 AND UPDATED NOTE FROM CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WADENA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LP CAT C/D VISIBILITY 3/8 MILE; INCREASE LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 MILE. TO: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WADENA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LP CAT C/D VISIBILITY 1/4 SM; INCREASE LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 SM - ASOS BROADCAST TO WMSCR.
3. PECKLY TO ZAMPU DISTANCE CHANGED FROM 3.36 TO 3.39; MOVED FIX ZAMPU 175 FT SE - TARGETS CALCULATED VALUE.
4. DELETED NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - REFERENCE REVISED CRITERIA.
5. REMOVED CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT STRAW ON V55 NORTHWEST BOUND AND PROCEDURE NA FOR ARRIVALS AT CELIS ON V175 NORTHBOUND - INITIAL SEGMENTS FROM STRAW (IAF) AND CELIS (IAF) TO YONUR REMOVED PER FPT REQUEST.
6. UPDATED CHART NOTE FROM: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA TO RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - PER .19H CRITERIA REQUIREMENT.
7. DELETED MSA FROM PROCEDURE - PER FPT REQUEST.
8. ADDED A TAA WITH LEFT AND RIGH BASES - PER FPT REQUEST.
9. ADDED 20:1 IS CLEAR TO LINE #7 OF THE 8260-3 - REFERENCE 8260.19H CRITERIA NO 20:1 VISUAL SURFACE PENETRATIONS.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZMP, AMGR

**FLIGHT CHECKED BY**

MICHAEL A GREENWOOD

Digitally signed by **OFFICE**

**WARDELL HENNING**

Mar 19, 2020

**DATE**

3/6/2020

**DEVELOPED BY**

SYLVAN DRAKES

Digitally signed by **SYLVAN DRAKES**

Feb 05, 2020

**OFFICE**

AJV-A433

**DATE**

12/19/2019

**APPROVED BY**

LONNIE EVERHART

Digitally signed by

**WARDELL HENNING**

Mar 19, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPKD
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	465424.1920N
LTP/FTP LONGITUDE	0950452.0045W
LTP/FTP ELLIPSOIDAL HEIGHT	+04130
FPAP LATITUDE	465321.1415N
FPAP LONGITUDE	0950320.2400W
THRESHOLD CROSSING HEIGHT (TCH)	00047.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	03C675B8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04403
FPAP ORTHOMETRIC HEIGHT	+04403

