

**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 ID</u> K74	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> KINDRED	<u>STATE</u> ND		
<u>AIRPORT ELEVATION</u> 947	<u>TDZE</u> 947	<u>SUPERSEDED</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 4E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 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
FAR VOR/DME		HUKEX		TF	FB	1.00	282.27	14.09	3000
PAWSS		HUKEX		TF	FB	1.00	208.03	18.55	3000
CHAFE	IAF	DURBN	NOPT	TF	FB	1.00	121.15	7.47	3000
HUKEX	IAF	DURBN	NOPT	TF	FB	1.00	203.97	5.50	3000
DURBN	IF/IAF	USYAP		TF	FB	1.00	113.92	6.04	2600
USYAP	FAF	RW11	MAP	TF	FO	0.30	114.01	5.06	
RW11	MAP	1347 MSL		CA			114.01		
1347 MSL		KENNT		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW11
LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT KENNT AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)

2. HOLD NW DURBN, RT, 113.92 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. **FAC:** 114.01 **FAF:** USYAP **DIST FAF TO MAP:** 5.06 **DIST FAF TO THLD:** 5.06

4. **MIN ALT:** DURBN 3000, USYAP 2600

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:** RW11 3200

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FAR VOR/DME AIRWAY RADIALS 210 CW 340.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: USE FARGO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOORHEAD ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART FARGO ASOS.
 HOLD SE, LT, 294.28 INBOUND.
 CHART FAS OBST: 1264 TOWER (38-000730) 463859N/0970128W.
 FAS OBST: 1134 AAO 464024N/0970501W.
 WAAS CHANNEL # 97733
 REFERENCE PATH ID: W11A
 CHART CIRCLING ICON.
 USYAP TO RW11: 3.00/40.
 LTP HAE: 262.3 M

MINIMUMS:

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

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
	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	1440	1	493	1440	1	493		NA			NA				
LNAV MDA	1620	1	673	1620	1	673		NA			NA				
CIRCLING	1680	1	733	1680	1	733		NA			NA				



CHANGES - REASONS

1. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19I, 8-6-7.B.(2).
2. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 - IAW 8260.19I, 8-6-7.G.(3)(A).
3. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS" TO PBN REQUIREMENTS NOTE - IAW 8260.19I, 8-6-8.B.
4. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19I, 8-6-11.K.(3).
5. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FAR VOR/DME AIRWAY RADIALS 210 CW 340" - IAW 8260.19I, 8-2-5.E.(2).
6. ADDED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19I, 8-6-9.M.(2), INCORPORATED NOTAM FDC 9/7180.
7. CHANGED CHART NOTE FROM "USE HECTOR INTL ALTIMETER SETTING" TO "USE FARGO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOORHEAD ALTIMETER SETTING." - IAW 8260.19I, 8-6-9.F.(6).
8. ADDED ADDITIONAL FLIGHT DATA NOTE "CHART FARGO ASOS" - IAW 8260.19I, 8-2-4.B.(3).
9. UPDATED FAS OBSTACLE DATA AND ADDED OBSTACLE ID FROM "CHART FAS OBST: 1263 TOWER 463859N/0970128W" TO "CHART FAS OBST: 1264 TOWER (38-000730) 463859N/0970128W" - NEW SURVEY, IAW 8260.19I, 8-6-10.C.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, FAR APCH, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ALLAN WILL

May 27, 2021

Digitally signed by

ALLAN WILL

May 27, 2021

Digitally signed by

ALLAN WILL

May 27, 2021

DEVELOPED BY

ALLAN WILL (KARNA MORE)

OFFICE

AJV-A423

DATE

04/06/2021

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K74
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	463903.1045N
LTP/FTP LONGITUDE	0970017.2960W
LTP/FTP ELLIPSOIDAL HEIGHT	+02623
FPAP LATITUDE	463821.1500N
FPAP LONGITUDE	0965823.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	B9709196

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02887
FPAP ORTHOMETRIC HEIGHT	+02887

