

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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 CKN	PROCEDURE NAME VOR RWY 13	ORIGINAL/AMENDMENT 1	CITY CROOKSTON	STATE MN
AIRPORT ELEVATION 897	TDZE 896	SUPERSEDED VOR/DME RWY 13	DATED 11/02/2023	MAG VAR 9E
FACILITY GFK	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 27 NOVEMBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1965
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GFK VOR/DME	IAF	JEGUP/8.44 DME	NOPT				097.23	8.44	2500
JEGUP/8.44 DME	IF	WIRUV/18.53 DME					097.23 (GFK R-097)	10.09	2500

MISSED APPROACH

MAP:

ZOGEV/23.44 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 250 AND GFK VOR/DME R-097 TO WIRUV/18.53 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- HOLD W WIRUV/18.53 DME, RT, 097.23 INBOUND, 2500 IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 097.23 **FAF:** WIRUV/18.53 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.92
- MIN ALT:** WIRUV/18.53 DME 2500
- MSA FROM:** GFK VOR/DME 3000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17 AND 35.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GFK VOR/DME AIRWAY RADIALS 071 CW 143.
CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH (FEET)).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GFK ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND S-13 VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1080 AAO 475321N/0964036W
WIRUV TO RW13: 3.00/40



MINIMUMS:

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

ALTERNATE: NA STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-13	1400	1	504	1400	1	504	1400	1 3/8	504		NA				
CIRCLING	1400	1	503	1400	1	503	1480	1 1/2	583		NA				

CHANGES - REASONS

- INCORPORATED PREVIOUS P-NOTAMS INTO AMENDMENT 1.
- TERMINAL ROUTES: CHANGED FROM "JEGUP/8.44 DME TO WIRUV/18.80 DME ; DISTANCE- 10.36NM" TO "JEGUP/8.44 DME TO WIRUV/18.53 DME; DISTANCE- 10.09 NM"- FIX MOVED 1660.77FT WEST FOR 3.00 VDA/40 TCH FINAL ALIGNMENT & INCORPORATED PREVIOUS P-NOTAMS INTO THE FORM.
- MISSED APPROACH INSTRUCTIONS: CHANGED FROM : "CLIMB TO 2000 THEN CLIMBING LEFT TURN ON HEADING 250 AND GFK VOR/DME R-097 TO WIRUV/GFK 18.80 DME AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 250 AND GFK VOR/DME R-097 TO WIRUV/18.53 DME AND HOLD" - WIRUV FIX LOCATION MOVED FOR A 3.00 VDA/40 TCH ALIGNMENT.
- PROFILE: CHANGED HILPT FROM "HOLD W JEGUP/8.44 DME, RT, 097.23 INBOUND, 2500 FT. IN LIEU OF PT (IAF)." TO "HOLD W WIRUV/18.53 DME, RT, 097.23 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000."- TO MAKE HOLDING IN TOLERANCE OF SIGNAL CONE RECEPTION & IAW 8260.19J 8-6-6G(6).
- PROFILE: CHANGED FAF FROM "WIRUV/GFK 18.80 DME" TO "WIRUV/18.53 DME" ; DIST. FAF TO THLD FROM "4.64" TO "4.92"; MIN ALT FROM "WIRUV/GFK 18.80 DME 2500" TO "WIRUV/18.53 DME 2500."- WIRUV FIX LOCATION MOVED 1660.77FT W FOR ALIGNMENT OF VDA 3.00/ TCH 40.
- EQUIPMENT REQUIRMENTS NOTE: ADDED "DME REQUIRED" - EQUIPMENT REQUIRED TO IDENTIFY FAF AND MAP.
- ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "989 TREE 475100.00N/0963739.00W" TO "1080 AAO 475321N/0964036W"- NEW CONTROLLING OBSTACLE.
- ADDITIONAL FLIGHT DATA: CHANGED WIRUV TO RW13 VDA DATA FROM "3.17/45" TO "3.00/40" - FAF RELOCATED FOR PROCEDURE ALIGNMENT.
- NOTES: CHANGED NOTE FROM "CIRCLING RWYS 6, 24, 17, 35 NA AT NIGHT." TO "CIRCLING NA TO RWYS 17 AND 35."- RWY 17/35 IS A TURF RUNWAY & RWY 6/24 REMOVED .
- CHANGED PROCEDURE NAME FROM "VOR/DME RWY 13" TO "VOR RWY 13" - IAW 8260.3G 1-6-2A.
- NOTES: CHANGED NOTE FROM "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GFK VOR/DME ON AIRWAY RADIALS 038 CW 143." TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GFK VOR/DME ON AIRWAY RADIALS 071 CW 143." -THE GFK 038 RADIAL HAS NO AIRWAY PUBLISHED.
- PROFILE: CHANGED MSA FROM "3300" TO "3000" - NEW CONTROLLING OBSTACLE & COORDINATED WITH FPT.
- UPDATED AIRPORT MAGVAR FROM "7E/1980" TO "2E/2030". - IAW 8260.19J SECTION 2-5.
- BACK UP ALTIMETER NOTE: CHANGED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND FORKS ALTIMETER SETTING." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GFK ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND S-13 VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM." - IAW 8260.19J 8-6-10 F.
- REMOVED GRAND FORKS INTL ALTIMETER MINIMUMS - GFK MINIMUMS INCORPORATED INTO BACKUP ALTIMETER NOTE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** GFK ATCT, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by

ALLAN WILL

Aug 20, 2025

OFFICE

AJF

DATE

08/19/2025

DEVELOPED BY

ALLAN WILL (TEVAR MALONE)

Digitally signed by

ALLAN WILL

Aug 20, 2025

OFFICE

AJV-A33

DATE

04/18/2025

APPROVED BY

KYLE THOMPSON

Digitally signed by

ALLAN WILL

Aug 20, 2025

OFFICE

AJV-A33

DATE

TITLE

MANAGER

