

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.

<u>AIRPORT</u> GRAND FORKS INTL	<u>AIRPORT ID</u> KGFK	<u>PROCEDURE NAME</u> VOR RWY 35L	<u>ORIGINAL/AMENDMENT</u> 7B	<u>CITY</u> GRAND FORKS	<u>STATE</u> ND	
<u>AIRPORT ELEVATION</u> 845	<u>TDZE</u> 845	<u>SUPERSEDED</u> VOR RWY 35L	<u>ORIGINAL/AMENDMENT</u> 7A	<u>DATED</u> 04/28/2016	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> GFK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</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>

MISSED APPROACH

MAP:

GFK VOR/DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMB TO 3600 ON GFK VOR/DME R-360 THEN RIGHT TURN DIRECT GFK VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 164.40 OUTBOUND 2500 FT WITHIN 10 MILES OF GFK VOR/DME (IAF)

2.

3. FAC: 344.40 FAF: DIST FAF TO MAP: DIST FAF TO THLD:

4. MIN ALT: ELVAW/GFK 2.40 DME 1360*

8. MSA FROM: GFK VOR/DME 220-310 3300, 310-220 2700

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

*1440 WHEN USING CROOKSTON ALTIMETER SETTING.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CROOKSTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FT; INCREASE CAT C/D VISIBILITY TO 1 1/4 SM AND CIRCLING CAT C VISIBILITY 1/4 SM. INCREASE ELVAW FIX MINIMUMS CAT C/D VISIBILITY TO RVR 4500 AND CIRCLING CAT C VISIBILITY 1/4 SM.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-35L CAT C/D VISIBILITY TO 1 3/8 SM. ELVAW FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-35L CAT C/D VISIBILITY TO RVR 5500.

QUALITY
16
CHECKED

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
ELVAW TO RW35L: 3.01/55.
CHART FAS OBST: 956 CONTROL TOWER 475656N/0971026W.
FAC CROSSES RWY C/L EXTENDED 3003 FT FROM THLD.
HOLD S, RT, 350.00 INBOUND

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD

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-35L	1360	2400	515	1360	2400	515	1360	5500	515	1360	5500	515			
CIRCLING	1360	1	515	1360	1	515	1400	1 1/2	555	1400	2	555			
ELVAW FIX MINIMUMS															
S-35L	1220	2400	375	1220	2400	375	1220	4000	375	1220	4000	375			
CIRCLING	1260	1	415	1300	1	455	1400	1 1/2	555	1400	2	555			

CHANGES - REASONS

1. CHANGED BACK-UP ALTIMETER NOTE FROM 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CROOKSTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FT; INCREASE S-35L CAT C/D VISIBILITY AND CIRCLING CAT C VISIBILITY 1/4 MILE, AND ELVAW FIX MINIMUMS S-35L CAT C/D VISIBILITY 1/8 MILE' TO 'WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CROOKSTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FT; INCREASE CAT C/D VISIBILITY TO 1 1/4 SM AND CIRCLING CAT C VISIBILITY 1/4 SM. INCREASE ELVAW FIX MINIMUMS CAT C/D VISIBILITY TO RVR 4500 AND CIRCLING CAT C VISIBILITY 1/4 SM' - PER 8260.3D CH. 3 VISIBILITY TABLES AND 8260.19H PARA 8-6-9F(4).
2. CHANGED INOP ALS NOTES FROM 'FOR INOPERATIVE MALSR, INCREASE S-35L CAT C/D VISIBILITY TO 1 3/8 MILE. FOR INOPERATIVE MALSR, INCREASE ELVAW FIX MINIMUMS S-35L CAT C/D VISIBILITY TO RVR 5000' TO 'FOR INOPERATIVE ALS, INCREASE S-35L CAT C/D VISIBILITY TO 1 3/8 SM. ELVAW FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-35L CAT C/D VISIBILITY TO RVR 5500' - PER 8260.19H PARA 8-6-11 O(3)(E).
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM 'CLIMB TO 1300 THEN CLIMB TO 3600 VIA GFK VOR/DME R-360 THEN RIGHT TURN DIRECT GFK VOR/DME AND HOLD' TO 'CLIMB TO 1300 THEN CLIMB TO 3600 ON GFK VOR/DME R-360 THEN RIGHT TURN DIRECT GFK VOR/DME AND HOLD' - PER 8260.19H PARA 8-6-6D EXAMPLES.
4. VOR MINIMUMS: INCREASED CAT C CIRCLING MDA/HAA FROM 1360/515 TO 1400/555 - NEW CIRCLING ADDED THAT MATCHES UPDATED AND FLIGHT CHECKED RNAV (GPS) 17R CIRCLING.
5. ELVAW FIX MINIMUMS: MATCHED CIRCLING MINIMUMS TO THE FLIGHT CHECKED RNAV (GPS) RWY 17R - NEW CIRCLING CRITERIA APPLIED.
6. ADDED CIRCLING ICON - NEW CIRCLING ADDED THAT MATCHES UPDATED AND FLIGHT CHECKED RNAV (GPS) 17R CIRCLING.
7. CHANGED FAS OBSTRUCTION FROM 965 ANT (KGFK0016) 475656N/0971026W TO 956 CONTROL TOWER 475656N/0971026W - AIRNAV OBSTACLE DATA CHANGE.
8. REMOVED 7:1 OBSTACLE 1050 TOWER (35-0890) 474743N/0970517W - NO 7:1 OBSTACLES FOUND IN TARGETS BUILD.
9. INCREASED FINAL APPROACH COURSE/RWY35L EXTENDED CENTERLINE DISTANCE FROM THRESHOLD FROM 2505 FT TO 3003 FT - PER LATEST TARGETS BUILD.
10. UPDATED VGSI AND DESCENT ANGLE NOT COINCIDENT PROFILE NOTE TO CURRENT CRITERIA - 8260.19H PARA 8-6-9M(2).
11. INCORPORATED AMDT 7A P-NOTAM CHANGES.



AIRPORT
GRAND FORKS INTL

AIRPORT ID
KGFK

PROCEDURE NAME
VOR RWY 35L

ORIGINAL/AMENDMENT
7B

CITY
GRAND FORKS

STATE
ND

COORDINATED WITH:

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

FLIGHT CHECKED BY
SCOTT KNERR

Digitally signed by
DAVID DANNER
Feb 10, 2020

OFFICE
FICO

DATE
1/22/20

DEVELOPED BY
RALPH DUMAR

Digitally signed by
RALPH DUMAR
Dec 10, 2019

OFFICE
AJV-A422

DATE
11/07/2019

APPROVED BY
MARLON ROBINSON

Digitally signed by
DAVID DANNER
Feb 10, 2020

OFFICE
AJV-A420

DATE

TITLE
MANAGER

