

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> GFK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35R	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> GRAND FORKS	<u>STATE</u> ND
<u>AIRPORT ELEVATION</u> 845	<u>TDZE</u> 844	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 6E
				<u>EPOCH YEAR</u> 1985
				<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>
GFK VOR/DME		BAYYG		TF	FO	1.00	170.28	11.84	2600
JOCOR	IAF	BAYYG	NOPT	TF	FB	1.00	333.19	8.38	2600
BAYYG	IF/IAF	NORTT		TF	FB	1.00	354.04	6.20	2400
NORTT	FAF	YASHR/1.62 NM TO RW35R		TF	FB	0.30	354.04	3.14	
YASHR/1.62 NM TO RW35R		RW35R	MAP	TF	FO	0.30	354.04	1.62	
RW35R	MAP	1044 MSL		CA			354.04		
1044 MSL		HOKKS		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT HOKKS AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S BAYYG, RT, 354.04 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 354.04 FAF: NORTT DIST FAF TO MAP: 4.76 DIST FAF TO THLD: 4.76
4. MIN ALT: BAYYG 2600, NORTT 2400, YASHR/1.62 NM TO RW35R 1400
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.50 GS ANT: MM: IM:
6. MIN GP INCPT: 2400 GP ALT AT PFAF: NORTT 2400 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
8. MSA FROM: RW35R 3000

QUALITY
26
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GFK VOR/DME AIRWAY RADIALS 123 CW 230.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.04 INBOUND.
CHART FAS OBST: 933 TREE (38-027226) 475452N/0971042W.
CHART VDP AT 1.05 NM TO RW35R.
WAAS CHANNEL # 78147
REFERENCE PATH ID: W35B
LTP HAE: 230.2 M

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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1044	3/4	200	1044	3/4	200	1044	3/4	200	1044	3/4	200			
LNAV/VNAV DA	1094	3/4	250	1094	3/4	250	1094	3/4	250	1094	3/4	250			
LNAV MDA	1200	1	356	1200	1	356	1200	1	356	1200	1	356			
CIRCLING	1260	1	415	1300	1	455	1400	1 1/2	555	1420	2	575			

CHANGES - REASONS

ORIGINAL PROCEDURE

COORDINATED WITH:

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

FLIGHT CHECKED BY

KENNET E JACK

Digitally signed by
DAVID TEFFETELLER
Apr 28, 2025

OFFICE

AJF

DATE

04/03/2025

DEVELOPED BY

APRIL SARMENTO

Digitally signed by
APRIL T SARMENTO
Dec 22, 2024

OFFICE

AJV-A432

DATE

12/22/2024

APPROVED BY

JOSEPH L. ZEDER

Digitally signed by
DAVID TEFFETELLER
Apr 28, 2025

OFFICE

AJV-A432

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGFK
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35B
LTP/FTP LATITUDE	475626.3620N
LTP/FTP LONGITUDE	0970958.3955W
LTP/FTP ELLIPSOIDAL HEIGHT	+02302
FPAP LATITUDE	475755.4060N
FPAP LONGITUDE	0970958.3050W
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	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	3BA1D265

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02570
FPAP ORTHOMETRIC HEIGHT	+02570

