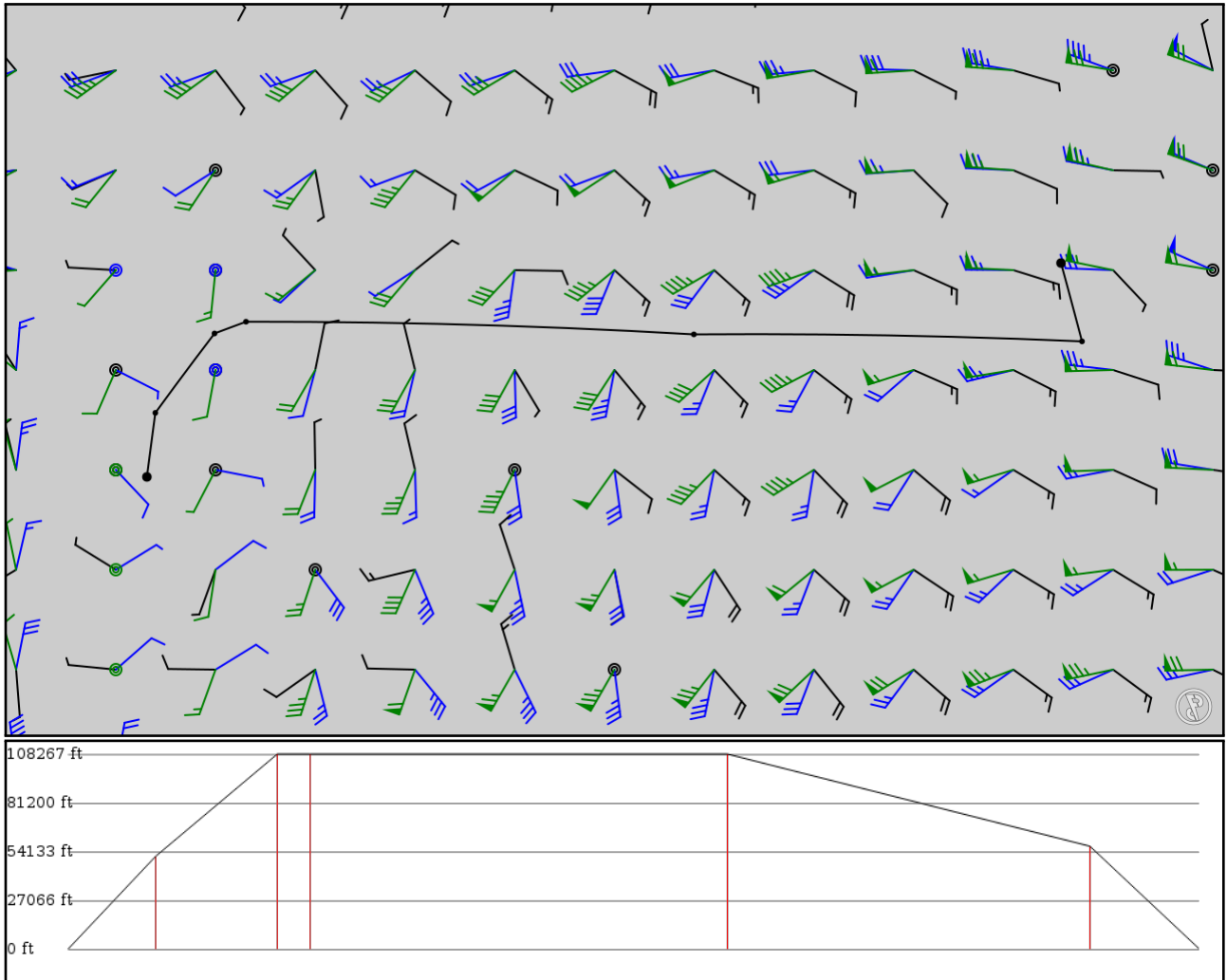


2024/06/16 0737Z

KWYS JAPER ZERZO LWT **J70** DIK **J36** FAR KGFK

759.57 nm / 1406.72 km



Notes

Basic altitude profile:

- Ascent Rate: 2000ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 33000ft
- Cruise Speed: 450kts
- Descent Rate: 1800ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KWYS APT	-	44.68840 -111.11800	0 ft 0 m	-	Yellowstone
JAPER FIX	-	45.66450 -110.98900	15,700 ft 4,785 m	58	-
ZERZO FIX	-	46.87390 -110.08600	33,000 ft 10,058 m	81	-
LWT VOR	-	47.05300 -109.60600	33,000 ft 10,058 m	22	LEWISTOWN
DIK VOR	J70 AWY-HI	46.86000 -102.77300	33,000 ft 10,058 m	280	DICKINSON
FAR VOR	J36 AWY-HI	46.75330 -96.85130	17,400 ft 5,304 m	243	FARGO
KGFK APT	-	47.94640 -97.17170	0 ft 0 m	72	Grand Forks International

KWYS

Region: UNITED STATES
Timezone: AMERICA/DENVER
Runways: 1

Elevation: 6,644 ft / 2,025 m
Location: 44.688400 -111.118000
Magnetic Var: 10.976 E

METAR

KWYS 160715Z AUTO 23006KT 10SM CLR 06/M01 A2996 RMK A02

TAF

TAF AMD KWYS 160707Z 1607/1706 23010G22KT P6SM SCT100 BKN150 FM161000 VRB06KT P6SM SCT200 FM161600 21012G25KT P6S

Frequencies

COM - 123.00 MHz - CTAF/UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01	151 ft	8,407 ft	26.20	ASPHALT	0 ft	118 ft
	46 m	2,562 m	15.22		0 m	36 m
19	151 ft	8,407 ft	206.21	ASPHALT	0 ft	102 ft
	46 m	2,562 m	195.23		0 m	31 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	ILOW	110.70 MHz	18 nm	26.21	-	6,644 ft
				33 km	15.23		6,644 m
01	GS	ILOW	110.70 MHz	10 nm	26.21	3.00	6,644 ft
				19 km	15.23		6,644 m

KGFK

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 4

Elevation: 844 ft / 257 m
Location: 47.946400 -97.171700
Magnetic Var: 2.637 E

METAR

KGFK 160653Z AUTO 16012KT 10SM OVC011 21/17 A2954 RMK A02 SLP999 T02110172

TAF

TAF KGFK 160520Z 1606/1706 15011KT P6SM FEW100 FM160700 19008KT P6SM OVC020 FM161400 21009KT P6SM BKN050 FM161700

Frequencies

COM - 118.40 MHz - CTAF	REC - 119.40 MHz - ATIS
GND - 124.57 MHz - GRAND FORKS GROUND	TWR - 118.40 MHz - GRAND FORKS TOWER
TWR - 120.55 MHz - GRAND FORKS TOWER	APP - 118.10 MHz - GRAND FORKS APPROACH
DEP - 118.10 MHz - GRAND FORKS DEPARTURE	CLD - 135.72 MHz - CLEARANCE DELIVERY

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
17R	150 ft	7,353 ft	180.03	ASPHALT	0 ft	197 ft
	46 m	2,241 m	177.39		0 m	60 m
35L	150 ft	7,353 ft	0.03	ASPHALT	0 ft	200 ft
	46 m	2,241 m	357.39		0 m	61 m
17L	75 ft	3,901 ft	180.05	CONCRETE	0 ft	0 ft
	23 m	1,189 m	177.41		0 m	0 m
35R	75 ft	3,901 ft	0.05	CONCRETE	0 ft	0 ft
	23 m	1,189 m	357.41		0 m	0 m
09R	60 ft	3,290 ft	90.02	CONCRETE	0 ft	0 ft
	18 m	1,003 m	87.38		0 m	0 m
27L	60 ft	3,290 ft	270.03	CONCRETE	0 ft	0 ft
	18 m	1,003 m	267.39		0 m	0 m
09L	100 ft	4,196 ft	89.99	CONCRETE	0 ft	0 ft
	30 m	1,279 m	87.36		0 m	0 m
27R	100 ft	4,196 ft	270.01	CONCRETE	0 ft	0 ft
	30 m	1,279 m	267.37		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
35L	DME	IGFK	109.10 MHz	18 nm	-	-	856 ft
				33 km	-		856 m
35L	LOC-ILS	IGFK	109.10 MHz	18 nm	0.03	-	844 ft
				33 km	357.39		844 m
35L	GS	IGFK	109.10 MHz	10 nm	0.03	2.76	844 ft
				19 km	357.39		844 m
17R	GS	IGFK	114.30 MHz	10 nm	180.03	3.00	844 ft
				19 km	177.39		844 m