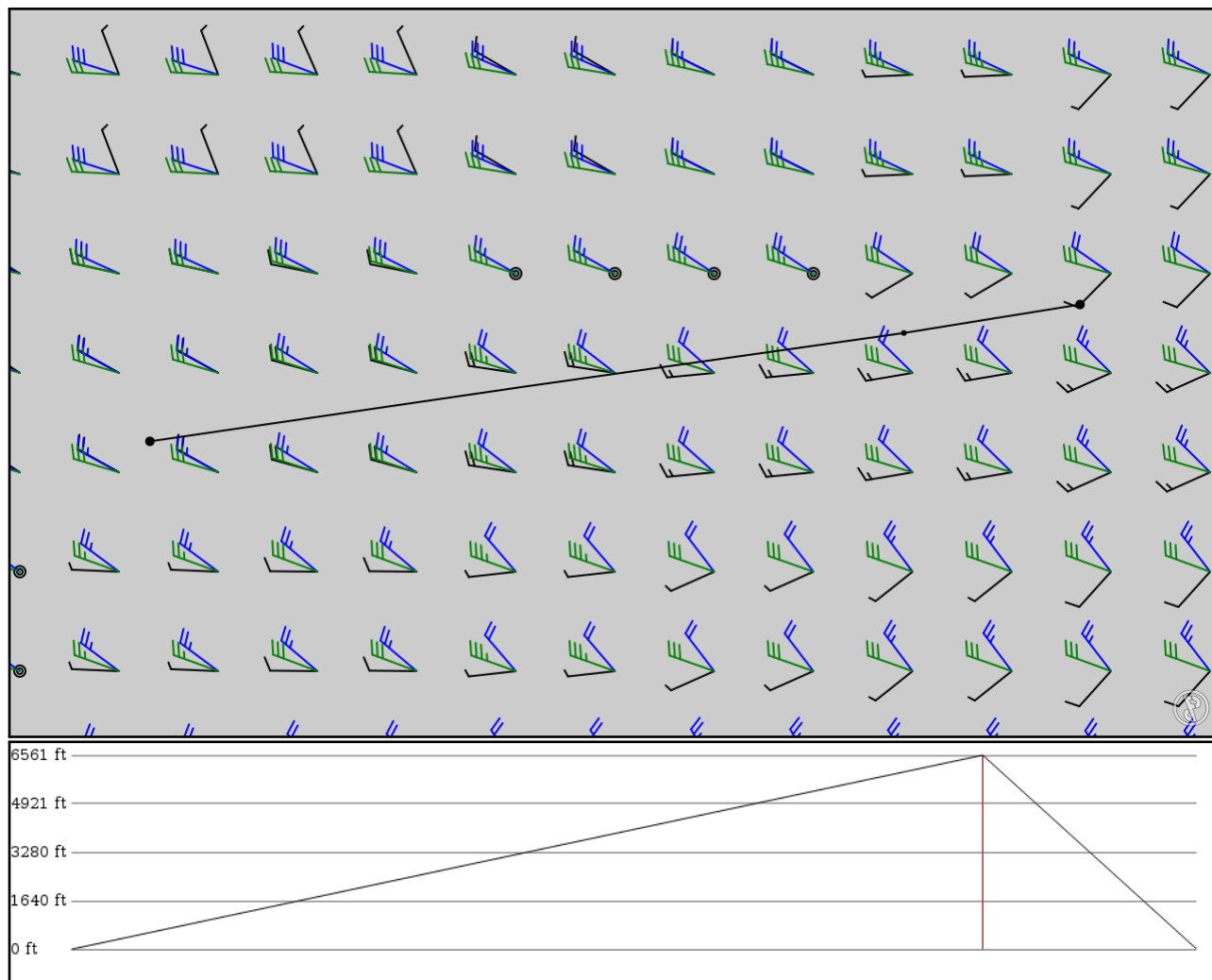


2024/05/29 1011Z

KELN PLUSS KMWH

50.55 nm / 93.61 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KELN	-	47.03320	0 ft	-	BOWERS FLD
APT	-	-120.53000	0 m		
PLUSS	-	47.17380	2,000 ft	40	-
FIX	-	-119.55000	610 m		
KMWH	-	47.21070	0 ft	9	GRANT CO INTL
APT	-	-119.32100	0 m		

## KMWH

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 5

Elevation: 1,185 ft / 361 m  
Location: 47.210700 -119.321000  
Magnetic Var: 14.101 E

## METAR

KMWH 290952Z AUTO 25010KT 10SM CLR 10/02 A3009 RMK A02 SLP189 T01000022

## TAF

TAF KMWH 290523Z 2906/3006 25010KT P6SM FEW250 FM291700 26011KT P6SM SCT070 FM291900 26016G24KT P6SM SCT070 BKN100

## Frequencies

REC - 119.05 MHz - ATIS  
COM - 122.95 MHz - UNICOM  
TWR - 128.00 MHz -  
APP - 126.40 MHz - APP/DEP

COM - 118.25 MHz - CTAF  
GND - 121.90 MHz -  
TWR - 118.25 MHz -  
APP - 134.35 MHz - APP/DEP

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
14L	200 ft	13,516 ft	162.18	ASPHALT	0 ft	991 ft
	61 m	4,120 m	148.08		0 m	302 m
32R	200 ft	13,516 ft	342.19	ASPHALT	0 ft	0 ft
	61 m	4,120 m	328.09		0 m	0 m
04	100 ft	9,984 ft	54.09	ASPHALT	0 ft	1,020 ft
	30 m	3,043 m	39.99		0 m	311 m
22	100 ft	9,984 ft	234.11	ASPHALT	0 ft	1,010 ft
	30 m	3,043 m	220.01		0 m	308 m
09	90 ft	3,796 ft	108.18	CONCRETE	0 ft	0 ft
	27 m	1,157 m	94.07		0 m	0 m
27	90 ft	3,796 ft	288.19	CONCRETE	0 ft	0 ft
	27 m	1,157 m	274.09		0 m	0 m
18	75 ft	3,330 ft	198.10	ASPHALT	0 ft	0 ft
	23 m	1,015 m	184.00		0 m	0 m
36	75 ft	3,330 ft	18.10	ASPHALT	0 ft	0 ft
	23 m	1,015 m	4.00		0 m	0 m
14R	75 ft	2,938 ft	162.18	CONCRETE	0 ft	0 ft
	23 m	895 m	148.07		0 m	0 m
32L	75 ft	2,938 ft	342.18	CONCRETE	0 ft	0 ft
	23 m	895 m	328.08		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
32R	LOC-ILS	IMWH	109.50 MHz	18 nm	342.17	-	1,185 ft
				33 km	328.07		1,185 m
32R	GS	IMWH	109.50 MHz	10 nm	342.36	3.00	1,163 ft
				19 km	328.26		1,163 m