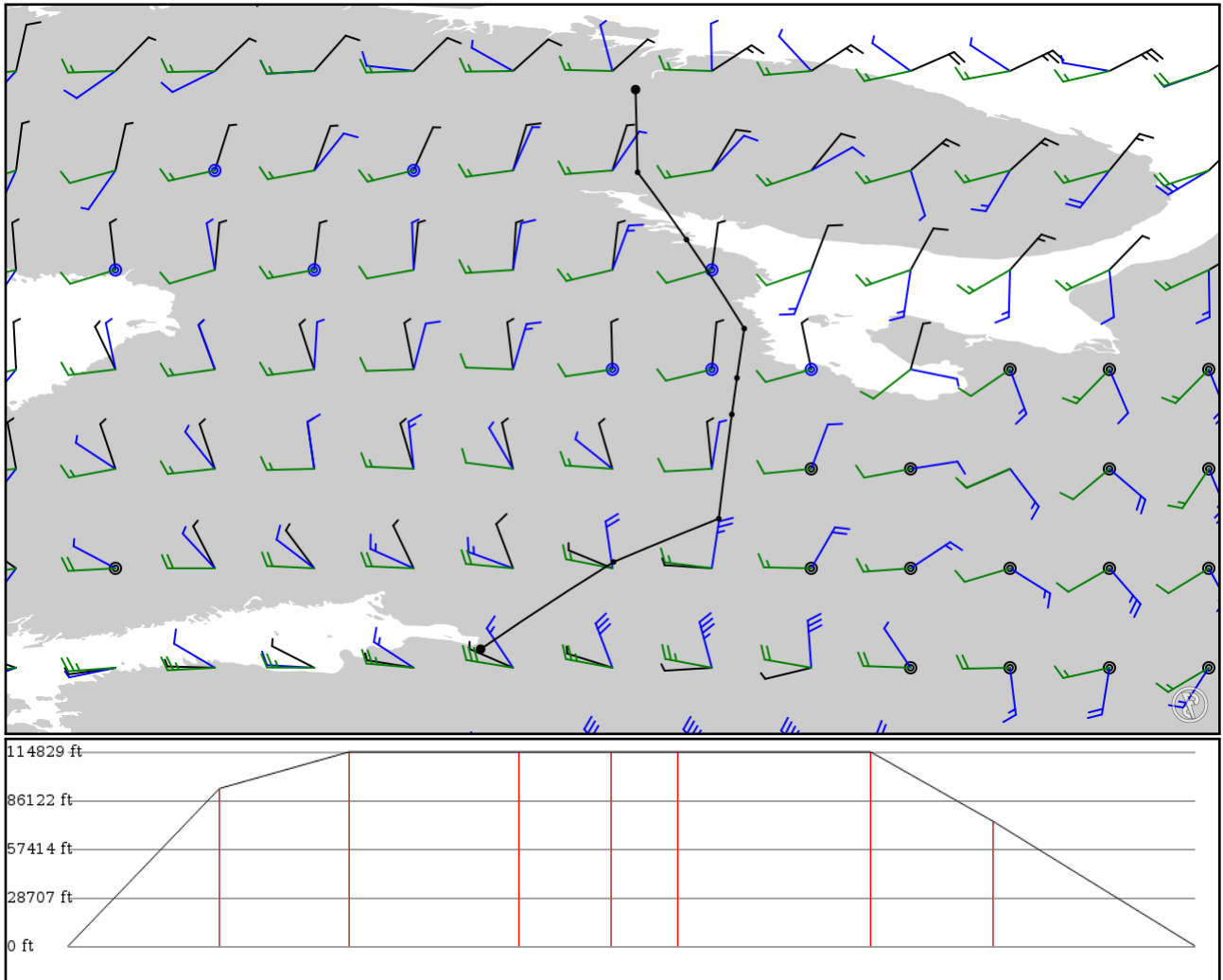


2024/05/03 0116Z

ULMM PILAN **G476** KEM **G445** VIDLA ULLI

588.51 nm / 1089.92 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 30000ft
- Cruise Speed: 320kts
- 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
ULMM	-	68.78167	0 ft	-	Murmansk
APT	-	32.75082	0 m		
PILAN	-	67.45500	28,400 ft	79	-
FIX	-	32.78361	8,656 m		
MOVIT	G476	66.37333	35,000 ft	67	-
FIX	AWY-LO	33.56861	10,668 m		
KEM	G476	64.94667	35,000 ft	88	-
VOR	AWY-LO	34.49667	10,668 m		
RUGEN	G445	64.15500	35,000 ft	47	-
FIX	AWY-LO	34.37889	10,668 m		
NEGAM	G445	63.56833	35,000 ft	35	-
FIX	AWY-LO	34.29722	10,668 m		
PT	G445	61.89500	35,000 ft	100	DALNA NDB
NDB	AWY-LO	34.08667	10,668 m		
VIDLA	G445	61.20000	22,500 ft	63	-
FIX	AWY-LO	32.39750	6,858 m		
ULLI	-	59.80029	0 ft	105	Saint Petersburg Pulkovo
APT	-	30.26250	0 m		

## ULMM

Region: RUSSIA  
Timezone: EUROPE/MOSCOW  
Runways: 1

Elevation: 266 ft / 81 m  
Location: 68.781800 32.751300  
Magnetic Var: 17.235 E

## METAR

ULMM 030100Z 13001MPS 9999 FEW026 M08/M08 Q1025 R13/250043 NOSIG RMK QFE762

## TAF

TAF ULMM 022251Z 0300/0324 13003MPS 9999 BKN020 TEMPO 0300/0306 1000 BR BECMG 0309/0311 22003G08MPS TEMPO 0320/0324 1000 BR

## Frequencies

APP - 127.40 MHz - MURMANSK APP ATIS

TWR - 120.30 MHz - MURMANSK TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	8,195 ft	146.21	ASPHALT	0 ft	0 ft
	45 m	2,498 m	128.97		0 m	0 m
31	148 ft	8,195 ft	326.24	ASPHALT	0 ft	0 ft
	45 m	2,498 m	309.00		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	IPF	110.30 MHz	18 nm	146.23	-	266 ft
				33 km	128.99		266 m
31	LOC-ILS	IRD	108.50 MHz	18 nm	326.23	-	266 ft
				33 km	308.99		266 m
13	GS	IPF	110.30 MHz	10 nm	146.23	3.00	266 ft
				19 km	128.99		266 m
31	GS	IRD	108.50 MHz	10 nm	326.23	3.00	266 ft
				19 km	308.99		266 m

## ULLI

Region: RUSSIA  
Timezone: EUROPE/MOSCOW  
Runways: 2

Elevation: 79 ft / 24 m  
Location: 59.800300 30.262500  
Magnetic Var: 11.651 E

## METAR

ULLI 030100Z 11005MPS CAVOK 05/00 Q1023 R10R/090060 NOSIG

## TAF

TAF ULLI 022254Z 0300/0324 12003MPS 9999 SCT030 TEMPO 0302/0305 4000 MIFG BR PROB40 TEMPO 0302/0305 0600 PRFG

## Frequencies

REC - 127.30 MHz - PULKOVO ATIS	REC - 127.40 MHz - PULKOVO ATIS
TWR - 118.70 MHz - PULKOVO TOWER	TWR - 118.10 MHz - PULKOVO TOWER
TWR - 133.50 MHz - PULKOVO TOWER	GND - 121.70 MHz - PULKOVO GROUND
GND - 119.00 MHz - PULKOVO RAMP	GND - 120.90 MHz - PULKOVO APRON
CLD - 121.90 MHz - PULKOVO DELIVERY	APP - 125.20 MHz - PETERSBURG APPROACH
APP - 119.30 MHz - PETERSBURG APPROACH	APP - 120.30 MHz - PETERSBURG KRUG RADAR
DEP - 120.30 MHz - PETERSBURG KRUG RADAR	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10R	197 ft	12,379 ft	106.40	CONCRETE	0 ft	0 ft
	60 m	3,773 m	94.75		0 m	0 m
28L	197 ft	12,379 ft	286.46	CONCRETE	0 ft	0 ft
	60 m	3,773 m	274.81		0 m	0 m
10L	197 ft	11,132 ft	106.51	CONCRETE	0 ft	0 ft
	60 m	3,393 m	94.86		0 m	0 m
28R	197 ft	11,132 ft	286.56	CONCRETE	0 ft	0 ft
	60 m	3,393 m	274.91		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
10L	LOC-ILS	IPU	110.50 MHz	18 nm	106.54	-	79 ft
				33 km	94.89		79 m
10R	LOC-ILS	IPK	111.90 MHz	18 nm	106.43	-	79 ft
				33 km	94.78		79 m
28L	LOC-ILS	IPO	108.90 MHz	18 nm	286.43	-	79 ft
				33 km	274.78		79 m
28R	LOC-ILS	IPL	111.30 MHz	18 nm	286.54	-	79 ft
				33 km	274.89		79 m
10L	GS	IPU	110.50 MHz	10 nm	106.54	3.00	79 ft
				19 km	94.89		79 m
10R	GS	IPK	111.90 MHz	10 nm	106.43	3.00	79 ft
				19 km	94.78		79 m
28L	GS	IPO	108.90 MHz	10 nm	286.43	3.00	79 ft
				19 km	274.78		79 m
28R	GS	IPL	111.30 MHz	10 nm	286.54	3.00	79 ft
				19 km	274.89		79 m