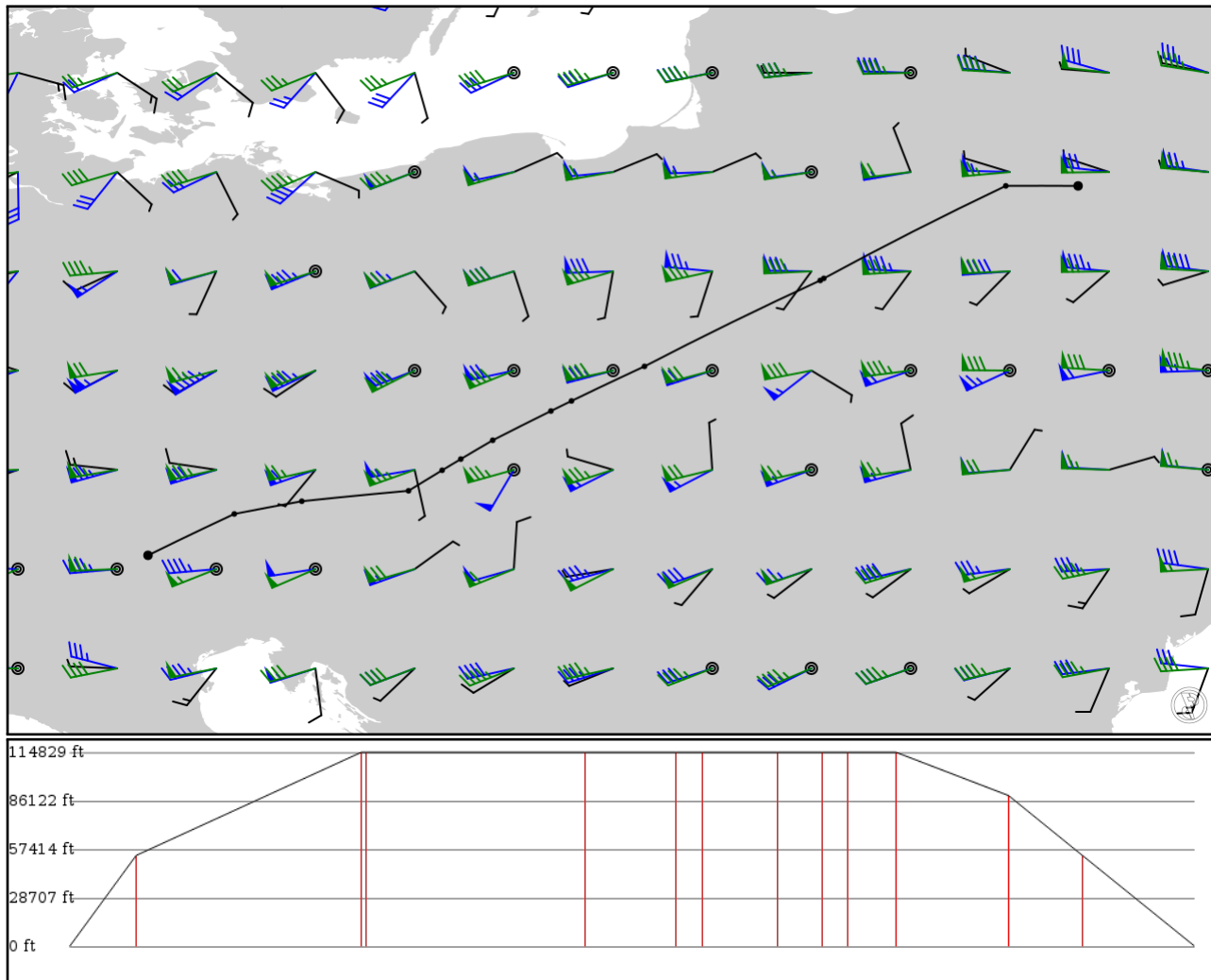


2024/05/20 1229Z

UMMS KI **UM984** BOLMU **UT43** STO **UM141** SBG LOWI

770.64 nm / 1427.23 km



## Notes

Basic altitude profile:

- Ascent Rate: 2300ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 320ft
- Cruise Speed: 420kts
- 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
UMMS	-	53.88255	0 ft	-	Minsk Velikiydvor
APT	-	28.03079	0 m		
KI	-	53.88333	16,400 ft	45	IVENETS NDB
NDB	-	26.73333	4,999 m		
VALOL	UM984	52.22500	35,000 ft	154	-
FIX	AWY-HI	23.46833	10,668 m		
LETKI	UM984	52.18806	35,000 ft	3	-
FIX	AWY-HI	23.40444	10,668 m		
JED	UM984	50.64732	35,000 ft	150	JEDOW VOR-DME
VOR	AWY-HI	20.25121	10,668 m		
IBEKA	UM984	50.02778	35,000 ft	62	-
FIX	AWY-HI	18.94167	10,668 m		
TUSIN	UM984	49.84749	35,000 ft	17	-
FIX	AWY-HI	18.57284	10,668 m		
HLV	UM984	49.32285	35,000 ft	51	HOLESOV NDB
NDB	AWY-HI	17.52840	10,668 m		
BOLMU	UM984	48.98579	35,000 ft	30	-
FIX	AWY-HI	16.95579	10,668 m		
MIKOV	UT43	48.78472	35,000 ft	17	-
FIX	AWY-HI	16.62111	10,668 m		
STO	UT43	48.41714	35,000 ft	32	STOCKERAU VOR-DME
VOR	AWY-HI	16.01859	10,668 m		
LNZ	UM141	48.22971	27,200 ft	77	LINZ VOR-DME
VOR	AWY-HI	14.10316	8,291 m		
SBG	UM141	48.00258	16,400 ft	50	SALZBURG VOR-DME
VOR	AWY-HI	12.89276	4,999 m		
LOWI	-	47.26023	0 ft	76	Innsbruck Kranebitten
APT	-	11.34397	0 m		

## UMMS

Region: BELARUS AND RUSSIA (KALININGRAD OBLAST) Elevation: 681 ft / 208 m  
Timezone: EUROPE/MINSK Location: 53.887600 28.041200  
Runways: 2 Magnetic Var: 8.845 E

## METAR

UMMS 201200Z 15004G08MPS CAVOK 24/07 Q1015 NOSIG

## TAF

TAF UMMS 201104Z 2012/2112 15005G10MPS 9999 BKN030 TX25/2013Z TN07/2102Z TEMPO 2012/2019 17008G13MPS 1200 TSRAGR

## Frequencies

REC - 128.85 MHz - MINSK 2 ATIS	REC - 135.85 MHz - MINSK 2 ATIS
GND - 121.57 MHz - MINSK GROUND	GND - 129.95 MHz - MINSK GROUND
TWR - 118.30 MHz - MINSK TOWER	TWR - 130.40 MHz - MINSK TOWER
APP - 125.90 MHz - MINSK APPROACH	APP - 125.25 MHz - MINSK RADAR

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13L	197 ft	12,119 ft	138.84	CONCRETE	0 ft	0 ft
	60 m	3,694 m	130.00		0 m	0 m
31R	197 ft	12,119 ft	318.87	CONCRETE	0 ft	0 ft
	60 m	3,694 m	310.03		0 m	0 m
13R	197 ft	11,934 ft	138.79	CONCRETE	0 ft	0 ft
	60 m	3,637 m	129.95		0 m	0 m
31L	197 ft	11,934 ft	318.82	CONCRETE	0 ft	0 ft
	60 m	3,637 m	309.98		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13L	LOC-ILS	IMDL	110.70 MHz	18 nm	138.86	-	681 ft
				33 km	130.02		681 m
13R	LOC-ILS	IVX	108.90 MHz	18 nm	138.82	-	681 ft
				33 km	129.98		681 m
31L	LOC-ILS	IGH	109.70 MHz	18 nm	318.82	-	681 ft
				33 km	309.98		681 m
31R	LOC-ILS	IMN	110.10 MHz	18 nm	318.86	-	681 ft
				33 km	310.02		681 m
13L	GS	IMDL	110.70 MHz	10 nm	138.86	3.00	681 ft
				19 km	130.02		681 m
13R	GS	IVX	108.90 MHz	10 nm	138.82	3.00	681 ft
				19 km	129.98		681 m
31L	GS	IGH	109.70 MHz	10 nm	318.82	3.00	681 ft
				19 km	309.98		681 m
31R	GS	IMN	110.10 MHz	10 nm	318.86	3.00	681 ft
				19 km	310.02		681 m

## LOWI

Region: AUSTRIA  
Timezone: EUROPE/VIENNA  
Runways: 3

Elevation: 1,907 ft / 581 m  
Location: 47.260800 11.341500  
Magnetic Var: 3.783 E

## METAR

LOWI 201150Z 08010KT 050V120 9999 FEW060 FEW060TCU 23/10 Q1009 NOSIG

## TAF

TAF LOWI 201115Z 2012/2112 09010KT 9999 FEW060 TX25/2014Z TN14/2104Z PROB30 TEMPO 2012/2016 VRB15G25KT TSRA SCT05

## Frequencies

APP - 119.27 MHz - INNSBRUCK RADAR  
REC - 126.02 MHz - INNSBRUCK INFORMATION

TWR - 120.10 MHz - INNSBRUCK TOWER

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08	148 ft	6,548 ft	80.95	ASPHALT	335 ft	0 ft
	45 m	1,996 m	77.16		102 m	0 m
26	148 ft	6,548 ft	260.96	ASPHALT	0 ft	0 ft
	45 m	1,996 m	257.18		0 m	0 m
08C	125 ft	3,671 ft	81.00	GRASS	0 ft	0 ft
	38 m	1,119 m	77.22		0 m	0 m
26C	125 ft	3,671 ft	261.01	GRASS	0 ft	0 ft
	38 m	1,119 m	257.23		0 m	0 m
08L	164 ft	1,149 ft	81.11	GRASS	0 ft	0 ft
	50 m	350 m	77.33		0 m	0 m
26R	164 ft	1,149 ft	261.11	GRASS	0 ft	0 ft
	50 m	350 m	257.33		0 m	0 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
26	DME	OEJ	109.70 MHz	30 nm	-	-	1,906 ft
				56 km	-		1,906 m
26	DME	OEV	111.10 MHz	27 nm	-	-	1,911 ft
				50 km	-		1,911 m
26	LOC-ILS	OEV	111.10 MHz	18 nm	260.96	-	1,907 ft
				33 km	257.18		1,907 m
26	GS	OEV	111.10 MHz	10 nm	260.96	3.77	1,907 ft
				19 km	257.18		1,907 m