

EDDM

Muenchen International Airport Franz-Josef Strauss

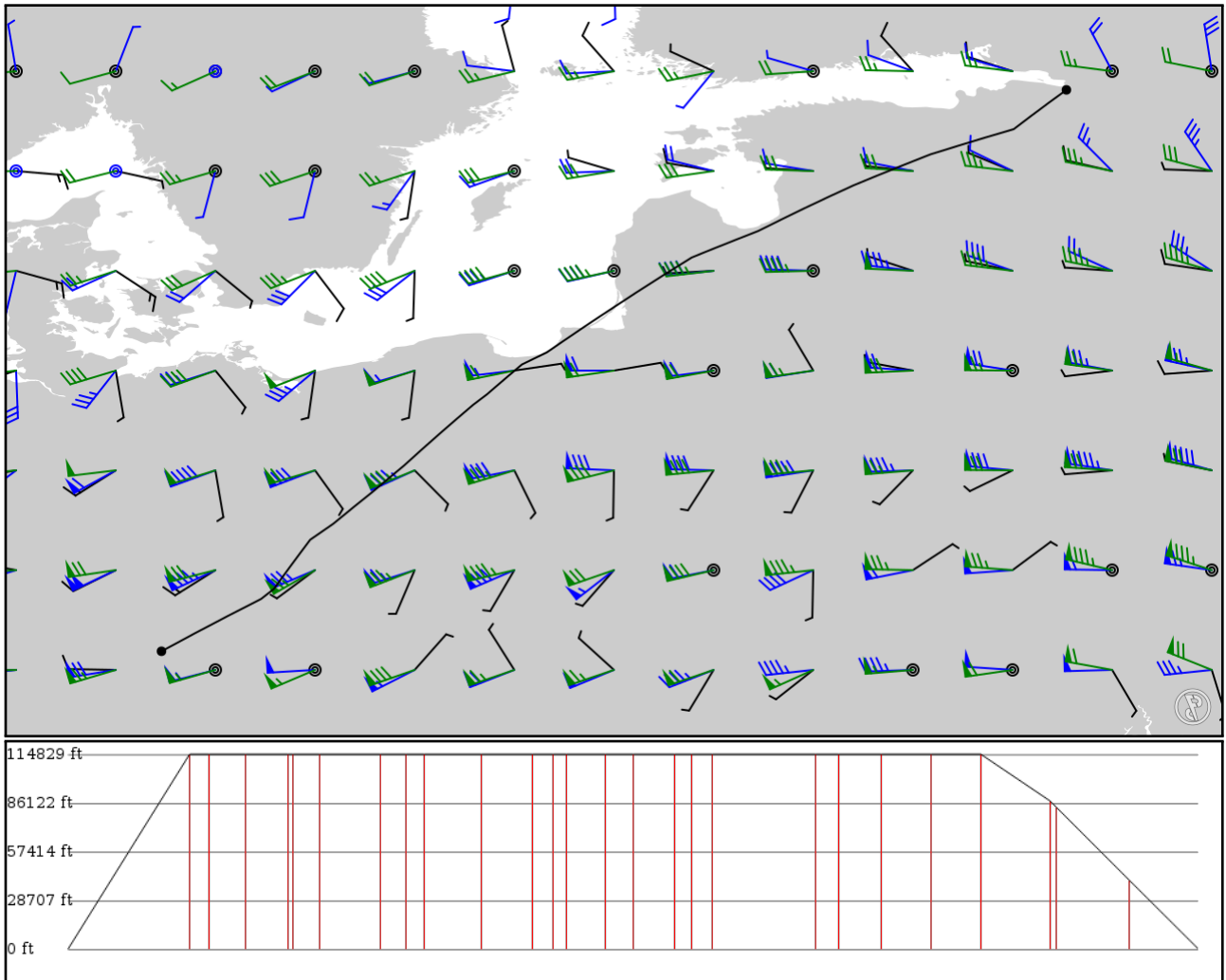
ULLI

St. Petersburg Pulkovo Intl

2024/05/07 0432Z

EDDM IPDUL NEPOV **N871** DOKEL **P733** NIKMI **M994** GOMED **B704** NERIG **Y343** ASKOR **M155** VALGA **M990** RISAT
R108 KOLET ULLI

951.03 nm / 1761.30 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: no

- Use high airways: yes

Route

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
EDDM	-	48.35380	0 ft	-		Muenchen International Airport Franz-Josef Strauss
APT	-	11.78610	0 m			
IPDUL	-	49.42090	35,000 ft	102	-	
FIX	-	13.82030	10,668 m			
NEPOV	-	49.62470	35,000 ft	15	-	
FIX	-	14.08100	10,668 m			
LETNA	N871	50.09200	35,000 ft	31	-	
FIX	AWY-HI	14.42220	10,668 m			
DOKEK	N871	50.62760	35,000 ft	35	-	
FIX	AWY-HI	14.82240	10,668 m			
ARTUP	P733	50.68520	35,000 ft	4	-	
FIX	AWY-HI	14.90510	10,668 m			
TOMTI	P733	50.95310	35,000 ft	21	-	
FIX	AWY-HI	15.29330	10,668 m			
DIMEX	P733	51.63060	35,000 ft	51	-	
FIX	AWY-HI	16.12860	10,668 m			
AKAPI	P733	51.92000	35,000 ft	21	-	
FIX	AWY-HI	16.47280	10,668 m			
ADVAB	P733	52.13060	35,000 ft	15	-	
FIX	AWY-HI	16.72720	10,668 m			
ATMIR	P733	52.78780	35,000 ft	47	-	
FIX	AWY-HI	17.46330	10,668 m			
EBOGU	P733	53.37890	35,000 ft	43	-	
FIX	AWY-HI	18.14970	10,668 m			
GODMA	P733	53.59440	35,000 ft	16	-	
FIX	AWY-HI	18.43440	10,668 m			
IRLUN	P733	53.75060	35,000 ft	11	-	
FIX	AWY-HI	18.61490	10,668 m			
NIKMI	P733	54.20130	35,000 ft	32	-	
FIX	AWY-HI	19.14510	10,668 m			
GOMED	M994	54.44780	35,000 ft	23	-	
FIX	AWY-HI	19.65420	10,668 m			
IRBAD	B704	54.89580	35,000 ft	35	-	
FIX	AWY-HI	20.30920	10,668 m			
REPMI	B704	55.07830	35,000 ft	14	-	
FIX	AWY-HI	20.58140	10,668 m			
NERIG	B704	55.30000	35,000 ft	17	-	
FIX	AWY-HI	20.91670	10,668 m			
ASKOR	Y343	56.38280	35,000 ft	86	-	
FIX	AWY-HI	22.61280	10,668 m			
KOMAL	M155	56.57750	35,000 ft	19	-	
FIX	AWY-HI	23.09330	10,668 m			
RIA	M155	56.92090	35,000 ft	35	RIGA	
VOR	AWY-HI	23.96520	10,668 m			
GILAX	M155	57.39030	35,000 ft	41	-	
FIX	AWY-HI	24.92080	10,668 m			
VALGA	M155	57.85390	35,000 ft	42	-	
FIX	AWY-HI	25.91610	10,668 m			
NUMSU	M990	58.43890	26,600 ft	57	-	
FIX	AWY-HI	27.36810	8,108 m			
RISAT	M990	58.48860	25,500 ft	5	-	
FIX	AWY-HI	27.49610	7,772 m			
KOLET	R108	58.99980	12,400 ft	60	-	

Ident		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
FIX	AWY-HI	29.18700	3,780 m			
ULLI	-	59.80030	0 ft	58	St. Petersburg Pulkovo Intl	
APT	-	30.26250	0 m			

EDDM

Region: GERMANY - CIVIL
Timezone: EUROPE/BERLIN
Runways: 2

Elevation: 1,484 ft / 452 m
Location: 48.353800 11.786100
Magnetic Var: 3.940 E

METAR

EDDM 070420Z AUTO 24006KT 9999 BKN039 11/10 Q1013 NOSIG

TAF

TAF EDDM 062300Z 0700/0806 25006KT 9999 BKN030 PROB30 TEMPO 0702/0707 BKN010 BECMG 0709/0711 35004KT TEMPO 0722/0

Frequencies

REC - 123.12 MHz - MUENCHEN ATIS	COM - 122.80 MHz - MUENCHEN UNICOM
CLD - 121.72 MHz - MUENCHEN DELIVERY	GND - 121.97 MHz - MUENCHEN GROUND NORTH
GND - 121.82 MHz - MUENCHEN GROUND SOUTH	GND - 121.77 MHz - MUENCHEN APRON 1
GND - 121.70 MHz - MUENCHEN APRON 2	GND - 121.92 MHz - MUENCHEN APRON 3
TWR - 120.50 MHz - MUENCHEN TOWER SOUTH	TWR - 118.70 MHz - MUENCHEN TOWER NORTH
APP - 123.90 MHz - MUENCHEN RADAR NORTH	APP - 127.95 MHz - MUENCHEN RADAR SOUTH
APP - 128.25 MHz - MUENCHEN ARRIVAL NORTH	APP - 120.77 MHz - MUENCHEN ARRIVAL SOUTH
APP - 118.82 MHz - MUENCHEN DIRECTOR NORTH	APP - 132.30 MHz - MUENCHEN DIRECTOR SOUTH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	197 ft	13,135 ft	83.39	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.45		0 m	0 m
26R	197 ft	13,135 ft	263.43	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.49		0 m	0 m
08R	197 ft	13,135 ft	83.37	CONCRETE	0 ft	0 ft
	60 m	4,004 m	79.43		0 m	0 m
26L	197 ft	13,135 ft	263.41	CONCRETE	0 ft	0 ft
	60 m	4,004 m	259.47		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IMNE	109.50 MHz	18 nm	83.41	-	1,484 ft
				33 km	79.47		1,484 m
08R	LOC-ILS	IMSE	109.30 MHz	18 nm	83.39	-	1,484 ft
				33 km	79.45		1,484 m
26L	LOC-ILS	IMSW	108.30 MHz	18 nm	263.39	-	1,484 ft
				33 km	259.45		1,484 m
26R	LOC-ILS	IMNW	108.70 MHz	18 nm	263.41	-	1,484 ft
				33 km	259.47		1,484 m
08L	GS	IMNE	109.50 MHz	10 nm	83.41	3.00	1,484 ft
				19 km	79.47		1,484 m
08R	GS	IMSE	109.30 MHz	10 nm	83.39	3.00	1,484 ft
				19 km	79.45		1,484 m
26L	GS	IMSW	108.30 MHz	10 nm	263.39	3.00	1,484 ft
				19 km	259.45		1,484 m
26R	GS	IMNW	108.70 MHz	10 nm	263.41	3.00	1,484 ft
				19 km	259.47		1,484 m

ULLI

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 79 ft / 24 m
Location: 59.800300 30.262500
Magnetic Var: 11.652 E

METAR

ULLI 070400Z 04003MPS CAVOK 03/M03 Q1014 R10R/090060 NOSIG

TAF

TAF ULLI 070153Z 0703/0803 02003MPS 9999 BKN016 BECMG 0704/0706 34005G11MPS TEMPO 0712/0724 2000 SHRASN BKN011 BK

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