UUWW
Moscow Vnukovo

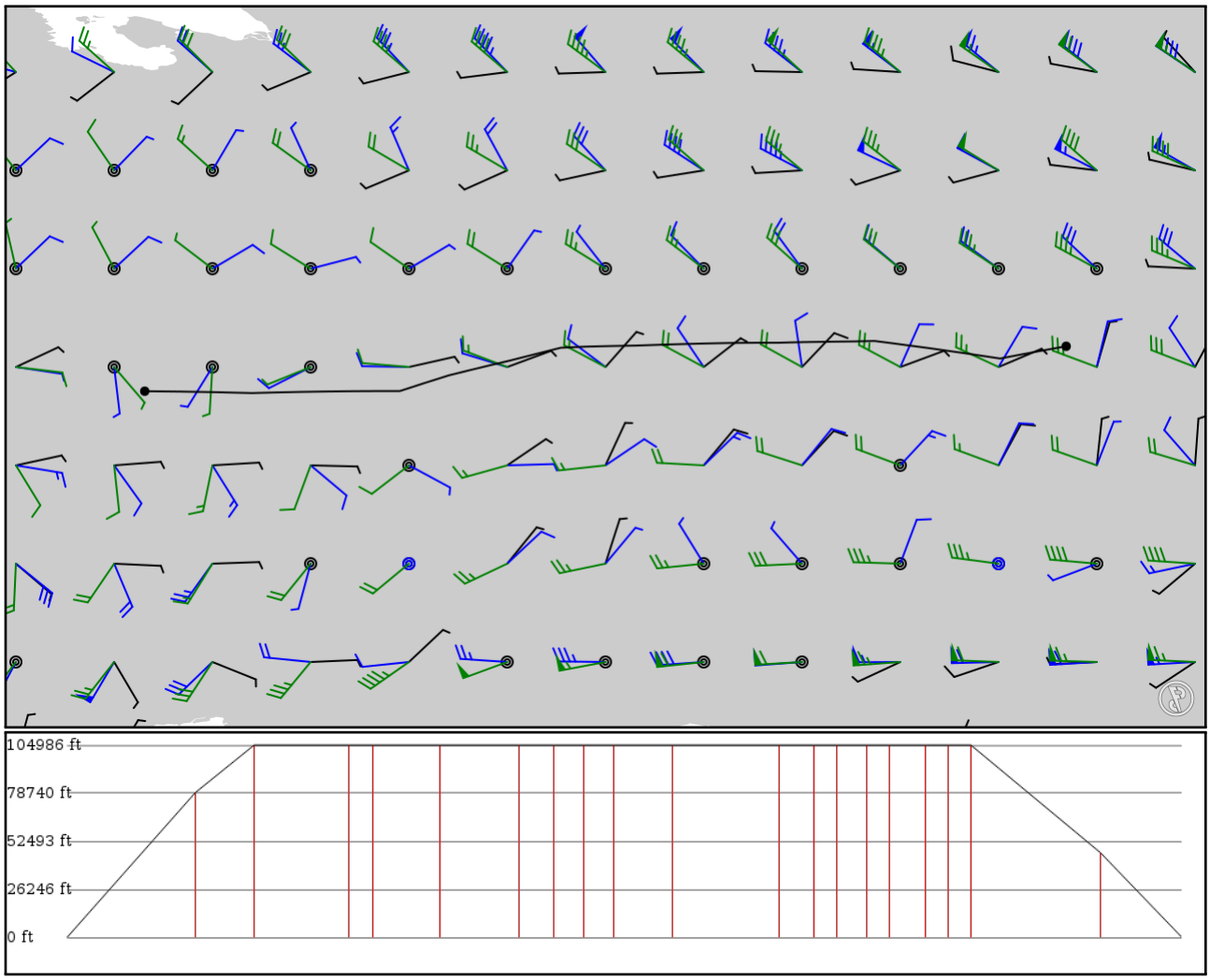
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USSS
Ekaterinburg Koltsovo Intl

2024/03/19 0852Z

UUWW SF **A930** RUSAK **A244** MB **W7** OK **W114** INGEN **G710** AGNOK **W59** MH USSS

805.98 nm / 1492.68 km



Notes

Basic altitude profile:
- Ascent Rate: 1300ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 32000ft
- Cruise Speed: 300kts
- Descent Rate: 1200ft/min
- Descent Speed: 230kts

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
UUWW APT	-	55.59570 37.26590	0 ft 0 m	-	Moscow Vnukovo
SF NDB	-	55.54830 39.99690	24,100 ft 7,346 m	92	CHERUSTI
INLOR FIX	A930 AWY-HI	55.57810 41.25030	32,000 ft 9,754 m	42	-
RUSAK FIX	A930 AWY-HI	55.60000 43.27470	32,000 ft 9,754 m	68	-
MB NDB	A244 AWY-HI	55.60000 43.78140	32,000 ft 9,754 m	17	CHERNUKHA
OK NDB	W7 AWY-HI	56.00000 45.03140	32,000 ft 9,754 m	48	LYSKOVO
OBALI FIX	W114 AWY-HI	56.38330 46.61470	32,000 ft 9,754 m	57	-
PEMOT FIX	W114 AWY-HI	56.55670 47.30000	32,000 ft 9,754 m	25	-
UPOLA FIX	W114 AWY-HI	56.70500 47.89310	32,000 ft 9,754 m	21	-
ROBDU FIX	W114 AWY-HI	56.73420 48.54610	32,000 ft 9,754 m	21	-
NURKA FIX	W114 AWY-HI	56.76110 49.82080	32,000 ft 9,754 m	42	-
MUROT FIX	W114 AWY-HI	56.82690 52.18170	32,000 ft 9,754 m	77	-
MOKNA FIX	W114 AWY-HI	56.83330 52.93330	32,000 ft 9,754 m	24	-
INGEN FIX	W114 AWY-HI	56.83360 53.45500	32,000 ft 9,754 m	17	-
KOSID FIX	G710 AWY-HI	56.85000 54.11170	32,000 ft 9,754 m	21	-
ENIGO FIX	G710 AWY-HI	56.85690 54.60170	32,000 ft 9,754 m	16	-
OTKER FIX	G710 AWY-HI	56.86690 55.38830	32,000 ft 9,754 m	25	-
AGNOK FIX	G710 AWY-HI	56.87830 55.90780	32,000 ft 9,754 m	17	-
LEPDI FIX	W59 AWY-HI	56.81640 56.39190	32,000 ft 9,754 m	16	-
MH NDB	W59 AWY-HI	56.43030 59.11640	14,100 ft 4,298 m	92	MIKHAYLOVSK
USSS APT	-	56.74300 60.80340	0 ft 0 m	58	Ekaterinburg Koltsovo Intl

UUWW

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 685 ft / 209 m
Location: 55.595700 37.265900
Magnetic Var: 11.746 E

METAR

UUWW 190830Z 13003G09MPS 7000 -SN BKN012 OVC028 02/01 Q1023 R01/290042 NOSIG

TAF

TAF UUWW 190753Z 1909/2009 08003MPS 6000 FEW007 BKN011 TX03/1912Z TNM01/2003Z TEMPO 1909/1911 OVC007

Frequencies

APP - 123.40 MHz - VNUKOVO RADAR
APP - 135.90 MHz - VNUKOVO RADAR
TWR - 119.45 MHz - VNUKOVO TOWER
GND - 120.45 MHz - VNUKOVO GROUND
CLD - 131.80 MHz - VNUKOVO CLEARANCE DELIVERY
REC - 125.87 MHz - ATIS ARRIVAL
APP - 118.95 MHz - MOSCOW APPROACH
APP - 130.37 MHz - MOSCOW APPROACH
APP - 127.20 MHz - MOSCOW APPROACH
APP - 134.00 MHz - MOSCOW APPROACH

APP - 126.00 MHz - VNUKOVO RADAR
TWR - 118.30 MHz - VNUKOVO TOWER
TWR - 122.30 MHz - VNUKOVO TOWER
GND - 121.70 MHz - VNUKOVO GROUND
CLD - 129.70 MHz - VNUKOVO CLEARANCE DELIVERY
REC - 127.80 MHz - ATIS DEPARTURE
APP - 118.55 MHz - MOSCOW APPROACH
APP - 124.20 MHz - MOSCOW APPROACH
APP - 128.00 MHz - MOSCOW APPROACH
APP - 131.20 MHz - MOSCOW APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	197 ft 60 m	11,468 ft 3,496 m	68.30 56.55	CONCRETE	0 ft 0 m	0 ft 0 m
24	197 ft 60 m	11,468 ft 3,496 m	248.34 236.60	CONCRETE	0 ft 0 m	0 ft 0 m
01	148 ft 45 m	10,038 ft 3,060 m	23.36 11.62	ASPHALT	0 ft 0 m	0 ft 0 m
19	148 ft 45 m	10,038 ft 3,060 m	203.38 191.63	ASPHALT	0 ft 0 m	0 ft 0 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	IWM	111.70 MHz	18 nm 33 km	23.38 11.63	-	685 ft 685 m
06	LOC-ILS	IGT	108.90 MHz	18 nm 33 km	68.32 56.57	-	685 ft 685 m
19	LOC-ILS	ITA	111.50 MHz	18 nm 33 km	203.38 191.63	-	685 ft 685 m
24	LOC-ILS	IOB	111.10 MHz	18 nm 33 km	248.32 236.57	-	685 ft 685 m
01	GS	IWM	111.70 MHz	10 nm 19 km	23.38 11.63	3.00	685 ft 685 m
06	GS	IGT	108.90 MHz	10 nm 19 km	68.32 56.57	3.00	685 ft 685 m
19	GS	ITA	111.50 MHz	10 nm 19 km	203.38 191.63	3.00	685 ft 685 m
24	GS	IOB	111.10 MHz	10 nm 19 km	248.32 236.57	3.00	685 ft 685 m

USSS

Region: RUSSIA
Timezone: ASIA/YEKATERINBURG
Runways: 2
Elevation: 764 ft / 233 m
Location: 56.743000 60.803400
Magnetic Var: 15.392 E

METAR

USSS 190830Z 32003MPS 270V350 CAVOK 01/M12 Q1022 R08R/010060 NOSIG RMK QFE746/0995

TAF

TAF USSS 190756Z 1909/2009 34003G13MPS 9999 SCT040 BECMG 1916/1919 28003G10MPS SCT020

Frequencies

APP - 124.00 MHz - EKATERINBURG APPROACH
TWR - 124.00 MHz - EKATERINBURG TOWER
REC - 127.80 MHz - EKATERINBURG ATIS
COM - 118.70 MHz - EKATERINBURG RADAR
GND - 119.00 MHz - EKATERINBURG GROUND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
08L	148 ft 45 m	9,839 ft 2,999 m	90.19 74.80	ASPHALT	0 ft 0 m	151 ft 46 m
26R	148 ft 45 m	9,839 ft 2,999 m	270.23 254.84	ASPHALT	823 ft 251 m	154 ft 47 m
08R	174 ft 53 m	9,893 ft 3,016 m	94.13 78.74	CONCRETE	0 ft 0 m	164 ft 50 m
26L	174 ft 53 m	9,893 ft 3,016 m	274.17 258.78	CONCRETE	1,060 ft 323 m	167 ft 51 m

Approach Navaids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
08L	LOC-ILS	IKO	111.70 MHz	18 nm 33 km	90.21 74.82	-	764 ft 764 m
08R	LOC-ILS	IEL	109.90 MHz	18 nm 33 km	94.15 78.76	-	764 ft 764 m
26L	LOC-ILS	IED	109.50 MHz	18 nm 33 km	274.15 258.76	-	764 ft 764 m
26R	LOC-ILS	IEU	110.50 MHz	18 nm 33 km	270.21 254.82	-	764 ft 764 m
08L	GS	IKO	111.70 MHz	10 nm 19 km	90.21 74.82	3.00	764 ft 764 m
08R	GS	IEL	109.90 MHz	10 nm 19 km	94.15 78.76	3.00	764 ft 764 m
26L	GS	IED	109.50 MHz	10 nm 19 km	274.15 258.76	3.00	764 ft 764 m
26R	GS	IEU	110.50 MHz	10 nm 19 km	270.21 254.82	3.00	764 ft 764 m