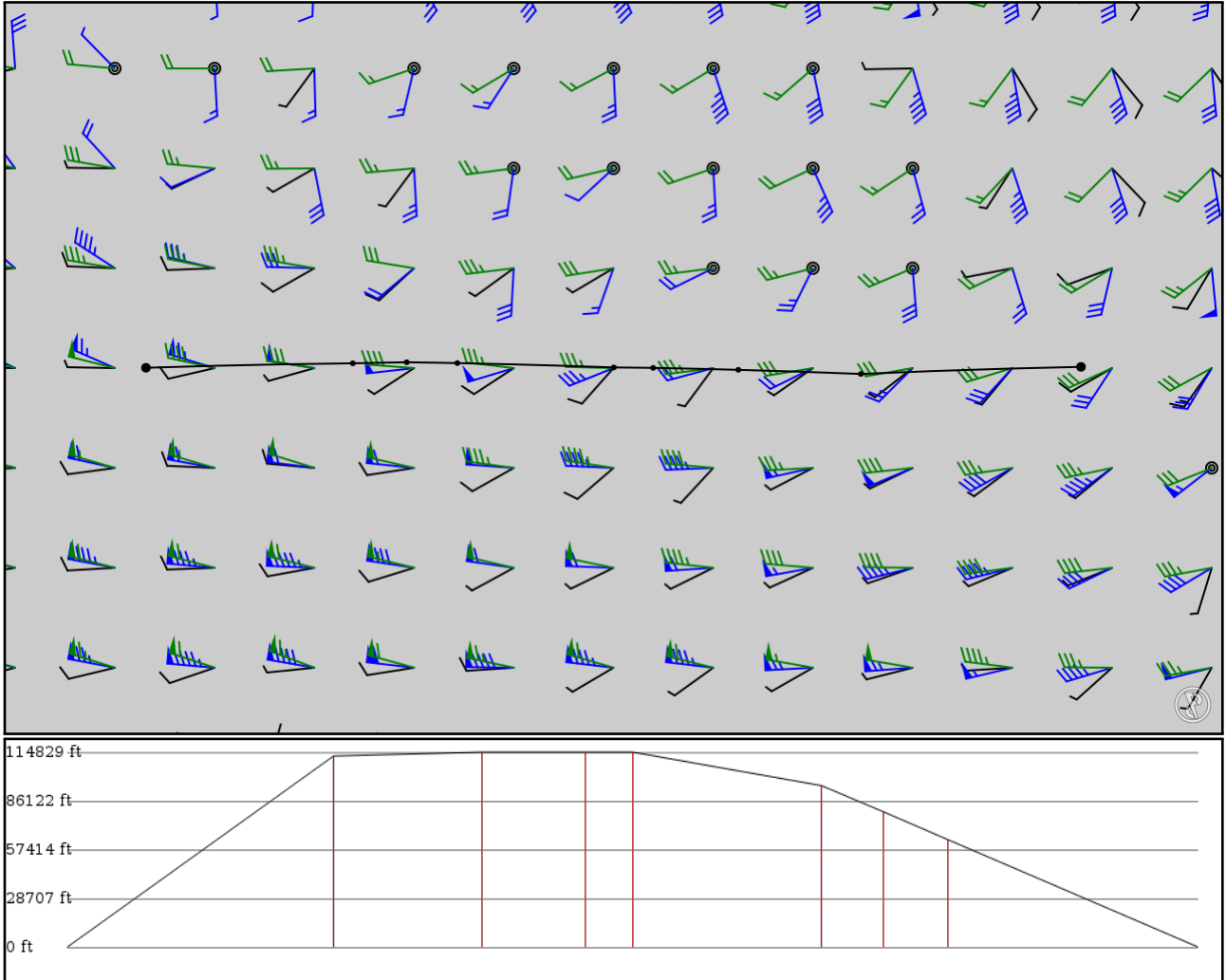


2024/06/04 1457Z

UWKD UW **R480** MB **A244** GAMDI **R487** NOGTI UUWW

407.94 nm / 755.51 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
UWKD	-	55.60750	0 ft	-	Kazan Intl
APT	-	49.27550	0 m		
UW	-	55.51670	34,300 ft	96	SHUMERLYA
NDB	-	46.44810	10,455 m		
UD	R480	55.56940	35,000 ft	53	BUTURLINO
NDB	AWY-HI	44.87390	10,668 m		
MB	R480	55.59440	35,000 ft	37	CHERNUKHA
NDB	AWY-HI	43.78060	10,668 m		
RUSAK	A244	55.60000	35,000 ft	17	-
FIX	AWY-HI	43.27470	10,668 m		
NATAK	A244	55.65560	29,000 ft	68	-
FIX	AWY-HI	41.26530	8,839 m		
GAMDI	A244	55.66670	24,300 ft	22	-
FIX	AWY-HI	40.61470	7,407 m		
NOGTI	R487	55.65310	19,300 ft	23	-
FIX	AWY-HI	39.92280	5,883 m		
UUWW	-	55.59570	0 ft	90	Moscow Vnukovo
APT	-	37.26590	0 m		

UWKD

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 1

Elevation: 411 ft / 125 m
Location: 55.607500 49.275500
Magnetic Var: 13.977 E

METAR

UWKD 041430Z 23003MPS 190V260 9999 SCT043CB 21/18 Q1008 R29/2/0060 TEMPO VRB18MPS 2000 TSRAGR BKN030CB RMK QFE745

TAF

TAF UWKD 041400Z 0415/0515 27003MPS 9999 SCT020 TX27/0511Z TN16/0501Z TEMPO 0415/0418 VRB18MPS 1000 TSRAGR SQ BKN

Frequencies

APP - 134.80 MHz - KAZAN APPROACH
TWR - 120.30 MHz - KAZAN TOWER
REC - 126.80 MHz - KAZAN ATIS

COM - 119.40 MHz - KAZAN RADAR
GND - 121.70 MHz - KAZAN GROUND

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
11	148 ft	12,315 ft	124.46	CONCRETE	0 ft	0 ft
	45 m	3,754 m	110.48		0 m	0 m
29	148 ft	12,315 ft	304.50	CONCRETE	0 ft	0 ft
	45 m	3,754 m	290.52		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
11	LOC-ILS	IAM	110.50 MHz	18 nm	124.48	-	411 ft
				33 km	110.50		411 m
29	LOC-ILS	IBL	111.70 MHz	18 nm	304.48	-	411 ft
				33 km	290.50		411 m
11	GS	IAM	110.50 MHz	10 nm	124.48	3.00	411 ft
				19 km	110.50		411 m
29	GS	IBL	111.70 MHz	10 nm	304.48	3.00	411 ft
				19 km	290.50		411 m

UUWW

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 685 ft / 209 m
Location: 55.595700 37.265900
Magnetic Var: 11.773 E

METAR

UUWW 041430Z 24006MPS 9999 FEW046CB 23/15 Q1008 R24/290050 TEMPO 2000 TSRA BKN020CB

TAF

TAF UUWW 041358Z 0415/0515 25005MPS 9999 SCT030 TX26/0512Z TN14/0501Z TEMPO 0415/0418 27010G16MPS -TSRA BKN020CB

Frequencies

APP - 123.40 MHz - VNUKOVO RADAR	APP - 126.00 MHz - VNUKOVO RADAR
APP - 135.90 MHz - VNUKOVO RADAR	TWR - 118.30 MHz - VNUKOVO TOWER
TWR - 119.45 MHz - VNUKOVO TOWER	TWR - 122.30 MHz - VNUKOVO TOWER
GND - 120.45 MHz - VNUKOVO GROUND	GND - 121.70 MHz - VNUKOVO GROUND
CLD - 131.80 MHz - VNUKOVO CLEARANCE DELIVERY	CLD - 129.70 MHz - VNUKOVO CLEARANCE DELIVERY
REC - 125.87 MHz - ATIS ARRIVAL	REC - 127.80 MHz - ATIS DEPARTURE
APP - 118.95 MHz - MOSCOW APPROACH	APP - 118.55 MHz - MOSCOW APPROACH
APP - 130.37 MHz - MOSCOW APPROACH	APP - 124.20 MHz - MOSCOW APPROACH
APP - 127.20 MHz - MOSCOW APPROACH	APP - 128.00 MHz - MOSCOW APPROACH
APP - 134.00 MHz - MOSCOW APPROACH	APP - 131.20 MHz - MOSCOW APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	197 ft	11,468 ft	68.30	CONCRETE	0 ft	0 ft
	60 m	3,496 m	56.53		0 m	0 m
24	197 ft	11,468 ft	248.34	CONCRETE	0 ft	0 ft
	60 m	3,496 m	236.57		0 m	0 m
01	148 ft	10,038 ft	23.36	ASPHALT	0 ft	0 ft
	45 m	3,060 m	11.59		0 m	0 m
19	148 ft	10,038 ft	203.38	ASPHALT	0 ft	0 ft
	45 m	3,060 m	191.61		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01	LOC-ILS	IWM	111.70 MHz	18 nm	23.38	-	685 ft
				33 km	11.61		685 m
06	LOC-ILS	IGT	108.90 MHz	18 nm	68.32	-	685 ft
				33 km	56.55		685 m
19	LOC-ILS	ITA	111.50 MHz	18 nm	203.38	-	685 ft
				33 km	191.61		685 m
24	LOC-ILS	IOB	111.10 MHz	18 nm	248.32	-	685 ft
				33 km	236.55		685 m
01	GS	IWM	111.70 MHz	10 nm	23.38	3.00	685 ft
				19 km	11.61		685 m
06	GS	IGT	108.90 MHz	10 nm	68.32	3.00	685 ft
				19 km	56.55		685 m
19	GS	ITA	111.50 MHz	10 nm	203.38	3.00	685 ft
				19 km	191.61		685 m
24	GS	IOB	111.10 MHz	10 nm	248.32	3.00	685 ft
				19 km	236.55		685 m