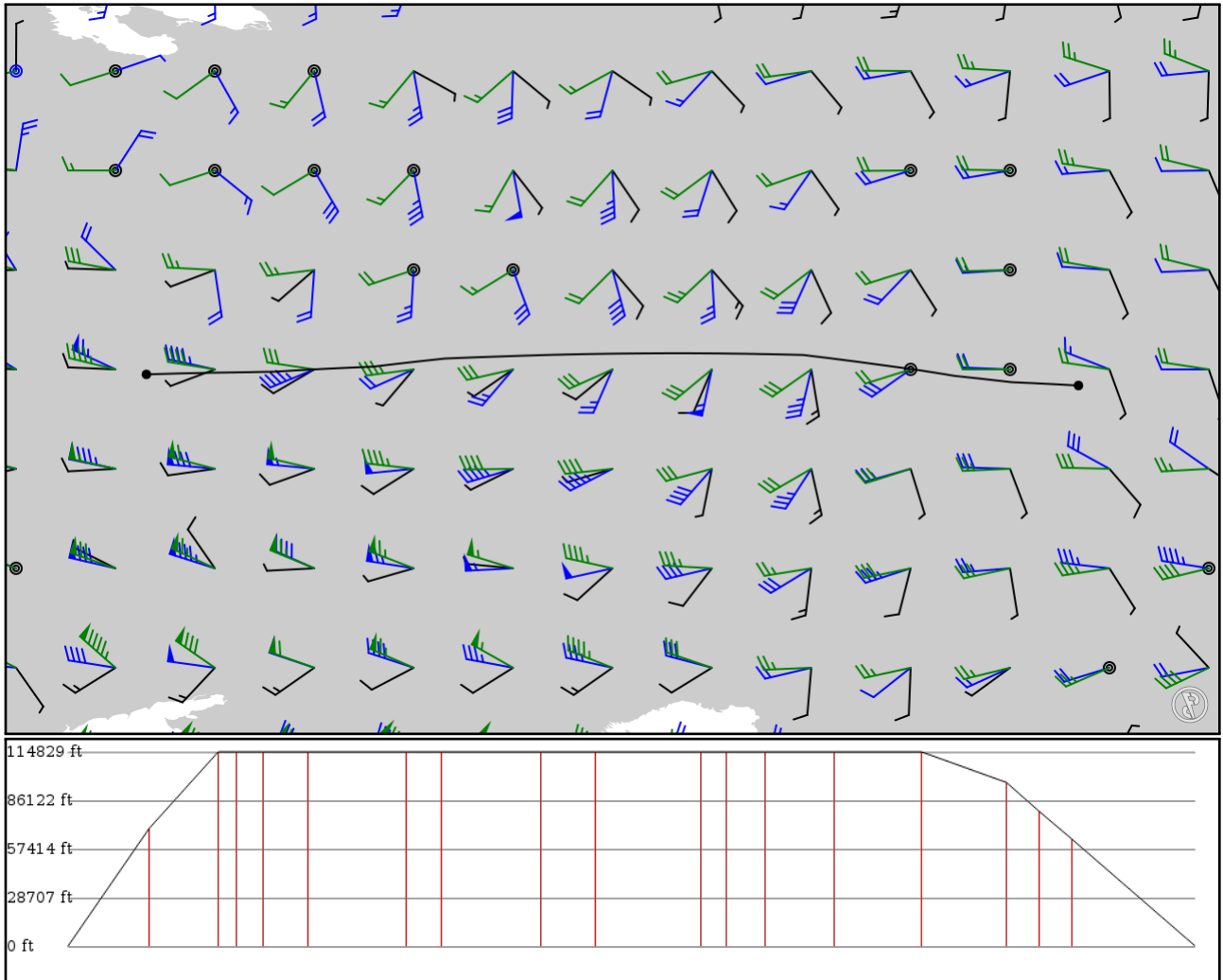


2024/04/28 0300Z

USCC IMANA **R834** OK **R487** NOGTI UUWW

824.24 nm / 1526.50 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
USCC APT	-	55.30580 61.50340	0 ft 0 m	-	Chelyabinsk Balandino Airport
IMANA FIX	-	55.39190 59.76530	21,200 ft 6,462 m	59	-
OGMAN FIX	R834 AWY-HI	55.55530 58.29000	35,000 ft 10,668 m	51	-
AKASI FIX	R834 AWY-HI	55.61530 57.93000	35,000 ft 10,668 m	12	-
KOLIR FIX	R834 AWY-HI	55.70360 57.36830	35,000 ft 10,668 m	19	-
ROLEP FIX	R834 AWY-HI	55.83360 56.41670	35,000 ft 10,668 m	33	-
NOGRI FIX	R834 AWY-HI	56.10030 54.34830	35,000 ft 10,668 m	71	-
SURUL FIX	R834 AWY-HI	56.11860 53.58500	35,000 ft 10,668 m	25	-
INTEP FIX	R834 AWY-HI	56.14500 51.40500	35,000 ft 10,668 m	72	-
ATPAL FIX	R834 AWY-HI	56.14220 50.21280	35,000 ft 10,668 m	39	-
BESUN FIX	R834 AWY-HI	56.10670 47.92000	35,000 ft 10,668 m	76	-
BOKSA FIX	R834 AWY-HI	56.09000 47.34640	35,000 ft 10,668 m	19	-
NAMER FIX	R834 AWY-HI	56.06330 46.51810	35,000 ft 10,668 m	27	-
OK NDB	R834 AWY-HI	56.00690 45.02470	35,000 ft 10,668 m	50	LYSKOVO
RP NDB	R487 AWY-HI	55.79530 43.16030	35,000 ft 10,668 m	64	SOSNOVSKOYE
MAMET FIX	R487 AWY-HI	55.71060 41.33330	29,500 ft 8,992 m	61	-
GAMDI FIX	R487 AWY-HI	55.66670 40.61470	24,300 ft 7,407 m	24	-
NOGTI FIX	R487 AWY-HI	55.65310 39.92280	19,300 ft 5,883 m	23	-
UUWW APT	-	55.59570 37.26590	0 ft 0 m	90	Moscow Vnukovo

USCC

Region: RUSSIA
Timezone: ASIA/YEKATERINBURG
Runways: 1

Elevation: 770 ft / 235 m
Location: 55.305800 61.503400
Magnetic Var: 14.298 E

METAR

USCC 280230Z 23006MPS CAVOK 17/09 Q1016 R27/000060 NOSIG RMK QFE742

TAF

TAF USCC 280152Z 2803/2903 24007G15MPS 9999 BKN030 BECMG 2808/2810 27008G20MPS TEMPO 2808/2818 -TSRA BKN016CB BECMG 2818/2820 24007G15MPS 9999 BKN030

Frequencies

REC - 128.30 MHz - ATIS
GND - 118.80 MHz - CHELYABINSK GROUND
DEP - 131.60 MHz - CHELYABINSK DEPARTURE
TWR - 125.20 MHz - CHELYABINSK TOWER
APP - 124.70 MHz - CHELYABINSK APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	197 ft	10,512 ft	103.63	CONCRETE	0 ft	207 ft
	60 m	3,204 m	89.33		0 m	63 m
27	197 ft	10,512 ft	283.67	CONCRETE	0 ft	246 ft
	60 m	3,204 m	269.37		0 m	75 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09	LOC-ILS	ILB	109.90 MHz	18 nm	103.65	-	770 ft
				33 km	89.35		770 m
27	LOC-ILS	IKS	108.70 MHz	18 nm	283.65	-	770 ft
				33 km	269.35		770 m
09	GS	ILB	109.90 MHz	10 nm	103.65	3.00	770 ft
				19 km	89.35		770 m
27	GS	IKS	108.70 MHz	10 nm	283.65	3.00	770 ft
				19 km	269.35		770 m

UUWW

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 685 ft / 209 m
Location: 55.595700 37.265900
Magnetic Var: 11.760 E

METAR

UUWW 280230Z 31001MPS 9999 FEW001 04/03 Q1026 R24/000070 NOSIG RMK QBB050

TAF

TAF UUWW 280150Z 2803/2903 02003MPS 6000 FEW005 SCT016 TX17/2813Z TN05/2803Z TEMPO 2803/2804 0200 FG OVC001 TEMPO

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	56.54		0 m	0 m
24	197 ft	11,468 ft	248.34	CONCRETE	0 ft	0 ft
	60 m	3,496 m	236.58		0 m	0 m
01	148 ft	10,038 ft	23.36	ASPHALT	0 ft	0 ft
	45 m	3,060 m	11.60		0 m	0 m
19	148 ft	10,038 ft	203.38	ASPHALT	0 ft	0 ft
	45 m	3,060 m	191.62		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	11.62		685 m
06	LOC-ILS	IGT	108.90 MHz	18 nm	68.32	-	685 ft
				33 km	56.56		685 m
19	LOC-ILS	ITA	111.50 MHz	18 nm	203.38	-	685 ft
				33 km	191.62		685 m
24	LOC-ILS	IOB	111.10 MHz	18 nm	248.32	-	685 ft
				33 km	236.56		685 m
01	GS	IWM	111.70 MHz	10 nm	23.38	3.00	685 ft
				19 km	11.62		685 m
06	GS	IGT	108.90 MHz	10 nm	68.32	3.00	685 ft
				19 km	56.56		685 m
19	GS	ITA	111.50 MHz	10 nm	203.38	3.00	685 ft
				19 km	191.62		685 m
24	GS	IOB	111.10 MHz	10 nm	248.32	3.00	685 ft
				19 km	236.56		685 m