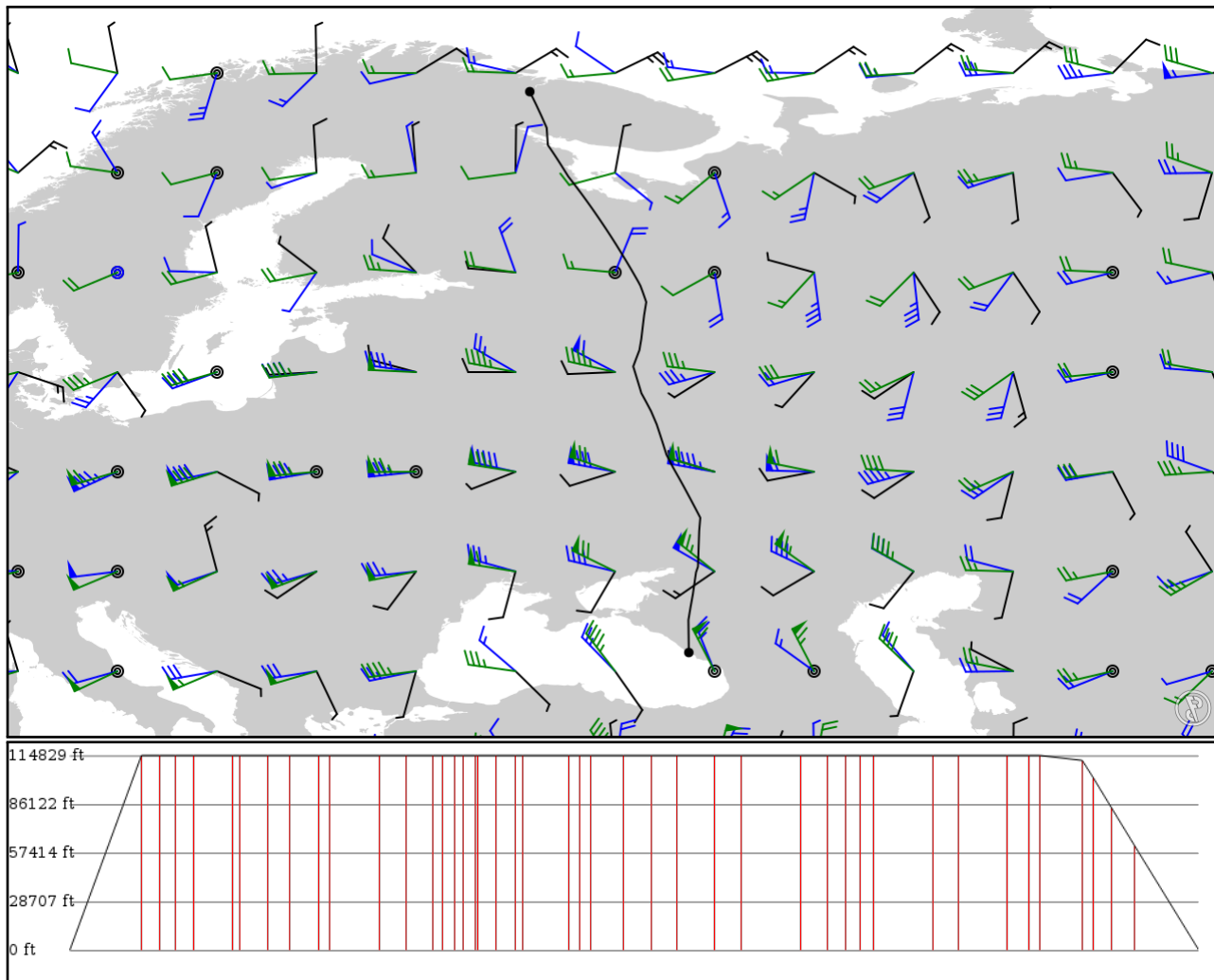


2024/05/20 0329Z

ULMM ARMAD **B961** MOVIT **G476** UREPI **B958** BD **BD1T** SW **BD5T** DK **BD3T** FV **R11** TS **R808** KANON **B145** MIMRA
G247 BA **R114** GODLI **R709** ROPTA URSS

1558.51 nm / 2886.36 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
ULMM	-	68.78180	0 ft	-	Murmansk
APT	-	32.75130	0 m		
ARMAD	-	67.14830	35,000 ft	99	-
FIX	-	33.51530	10,668 m		
ROREN	B961	66.73920	35,000 ft	24	-
FIX	AWY-HI	33.54390	10,668 m		
MOVIT	B961	66.37330	35,000 ft	21	-
FIX	AWY-HI	33.56860	10,668 m		
GIMET	G476	65.96500	35,000 ft	25	-
FIX	AWY-HI	33.84530	10,668 m		
BANUD	G476	65.10060	35,000 ft	53	-
FIX	AWY-HI	34.39890	10,668 m		
KM	G476	64.94720	35,000 ft	9	KEM
NDB	AWY-HI	34.49500	10,668 m		
DIDUL	G476	64.33000	35,000 ft	39	-
FIX	AWY-HI	34.96890	10,668 m		
TOGRU	G476	63.85670	35,000 ft	29	-
FIX	AWY-HI	35.31890	10,668 m		
OLBAN	G476	63.21830	35,000 ft	40	-
FIX	AWY-HI	35.76920	10,668 m		
OLATA	G476	62.97330	35,000 ft	15	-
FIX	AWY-HI	35.93750	10,668 m		
DIKAN	G476	61.88500	35,000 ft	68	-
FIX	AWY-HI	36.65080	10,668 m		
NOVRO	G476	61.29670	35,000 ft	36	-
FIX	AWY-HI	37.01250	10,668 m		
DIBLU	G476	60.70560	35,000 ft	36	-
FIX	AWY-HI	37.36580	10,668 m		
MILPI	G476	60.48970	35,000 ft	13	-
FIX	AWY-HI	37.49140	10,668 m		
ASNUG	G476	60.20190	35,000 ft	17	-
FIX	AWY-HI	37.65640	10,668 m		
BLZ	G476	60.01720	35,000 ft	11	BELOZERSK
VOR	AWY-HI	37.75530	10,668 m		
GIPRI	G476	59.76500	35,000 ft	15	-
FIX	AWY-HI	37.84940	10,668 m		
SOPUM	G476	59.68720	35,000 ft	4	-
FIX	AWY-HI	37.87690	10,668 m		
UREPI	G476	59.27670	35,000 ft	25	-
FIX	AWY-HI	38.01940	10,668 m		
BAGED	B958	58.85190	35,000 ft	25	-
FIX	AWY-HI	37.95060	10,668 m		
ARKON	B958	58.68030	35,000 ft	10	-
FIX	AWY-HI	37.92330	10,668 m		
RILAD	B958	57.61500	35,000 ft	64	-
FIX	AWY-HI	37.79780	10,668 m		
ORTIT	B958	57.37610	35,000 ft	14	-
FIX	AWY-HI	37.75690	10,668 m		
BD	B958	57.10780	35,000 ft	16	BOGDANOVO
NDB	AWY-HI	37.71190	10,668 m		
SW	BD1T	56.36810	35,000 ft	45	SAVELOVO
NDB	AWY-HI	37.43110	10,668 m		
ARBOK	BD5T	55.75170	35,000 ft	37	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	37.62140	10,668 m		
DK	BD5T	55.16250	35,000 ft	35	GLOTAYEVO
NDB	AWY-HI	37.79890	10,668 m		
FV	BD3T	54.34560	35,000 ft	51	VENEV
NDB	AWY-HI	38.23860	10,668 m		
US	R11	53.74470	35,000 ft	37	MURAVLYANKA
NDB	AWY-HI	38.49610	10,668 m		
TS	R11	52.38920	35,000 ft	82	ZADONSK
NDB	AWY-HI	38.93110	10,668 m		
IWV	R808	51.82140	35,000 ft	35	CHERTOVITSKOYE (VORONEZH)
VOR	AWY-HI	39.22400	10,668 m		
IDNUL	R808	51.42530	35,000 ft	25	-
FIX	AWY-HI	39.44860	10,668 m		
NAMUT	R808	51.10310	35,000 ft	20	-
FIX	AWY-HI	39.62830	10,668 m		
EREPI	R808	50.82560	35,000 ft	17	-
FIX	AWY-HI	39.78060	10,668 m		
KANON	R808	49.53310	35,000 ft	81	-
FIX	AWY-HI	40.46500	10,668 m		
MIMRA	B145	48.93310	35,000 ft	36	-
FIX	AWY-HI	40.41500	10,668 m		
ABLOG	G247	47.80560	35,000 ft	67	-
FIX	AWY-HI	40.37610	10,668 m		
BA	G247	47.32110	35,000 ft	29	BAGAYEVSKIY
NDB	AWY-HI	40.35940	10,668 m		
GODLI	R114	47.06750	35,000 ft	15	-
FIX	AWY-HI	40.27280	10,668 m		
RELT	R709	46.08690	34,100 ft	59	-
FIX	AWY-HI	40.13190	10,394 m		
UH	R709	45.85190	31,000 ft	14	TIKHORETSK
NDB	AWY-HI	40.09000	9,449 m		
LENIR	R709	45.43310	25,600 ft	25	-
FIX	AWY-HI	40.01500	7,803 m		
ROPTA	R709	44.91220	18,800 ft	31	-
FIX	AWY-HI	39.92830	5,730 m		
URSS	-	43.44460	0 ft	88	Sochi Intl
APT	-	39.94710	0 m		

ULMM

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 1

Elevation: 266 ft / 81 m
Location: 68.781800 32.751300
Magnetic Var: 17.245 E

METAR

ULMM 200300Z 31002MPS 9999 BKN010 01/M01 Q1007 R31/290055 NOSIG RMK OBST OBSC QFE748

TAF

TAF ULMM 200151Z 2003/2103 30003MPS 9999 SCT016CB BECMG 2007/2008 30006G15MPS

Frequencies

APP - 127.40 MHz - MURMANSK APP ATIS

TWR - 120.30 MHz - MURMANSK TOWER

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
13	148 ft	8,195 ft	146.21	ASPHALT	0 ft	0 ft
	45 m	2,498 m	128.96		0 m	0 m
31	148 ft	8,195 ft	326.24	ASPHALT	0 ft	0 ft
	45 m	2,498 m	308.99		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	LOC-ILS	IPF	110.30 MHz	18 nm	146.23	-	266 ft
				33 km	128.99		266 m
31	LOC-ILS	IRD	108.50 MHz	18 nm	326.23	-	266 ft
				33 km	308.99		266 m
13	GS	IPF	110.30 MHz	10 nm	146.23	3.00	266 ft
				19 km	128.99		266 m
31	GS	IRD	108.50 MHz	10 nm	326.23	3.00	266 ft
				19 km	308.99		266 m

URSS

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 90 ft / 27 m
Location: 43.444600 39.947100
Magnetic Var: 7.545 E

METAR

URSS 200300Z 04005MPS 9999 NSC 12/08 Q1016 R02/010070 R06/010070 NOSIG RMK R06/08005MPS QFE761

TAF

TAF URSS 200155Z 2003/2103 04006MPS 9999 NSC BECMG 2006/2007 22004G09MPS SCT040 BECMG 2011/2012 27005G10MPS SCT030

Frequencies

REC - 129.37 MHz - ATIS	CLD - 132.70 MHz - SOCHI DELIVERY
GND - 119.00 MHz - SOCHI GROUND	GND - 118.50 MHz - SOCHI GROUND
TWR - 135.80 MHz - SOCHI TOWER	TWR - 121.20 MHz - SOCHI TOWER
APP - 124.60 MHz - SOCHI APPROACH	APP - 119.70 MHz - SOCHI RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06	148 ft	9,662 ft	64.77	CONCRETE	0 ft	243 ft
	45 m	2,945 m	57.23		0 m	74 m
24	148 ft	9,662 ft	244.79	CONCRETE	0 ft	0 ft
	45 m	2,945 m	237.25		0 m	0 m
02	161 ft	8,208 ft	28.61	CONCRETE	0 ft	164 ft
	49 m	2,502 m	21.07		0 m	50 m
20	161 ft	8,208 ft	208.62	CONCRETE	0 ft	164 ft
	49 m	2,502 m	201.08		0 m	50 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02	LOC-ILS	IAD	110.50 MHz	18 nm	28.62	-	83 ft
				33 km	21.08		83 m
06	LOC-ILS	ISO	111.10 MHz	18 nm	64.76	-	83 ft
				33 km	57.22		83 m
02	GS	IAD	110.50 MHz	10 nm	28.62	2.83	83 ft
				19 km	21.08		83 m
06	GS	ISO	111.10 MHz	10 nm	64.76	2.83	83 ft
				19 km	57.22		83 m