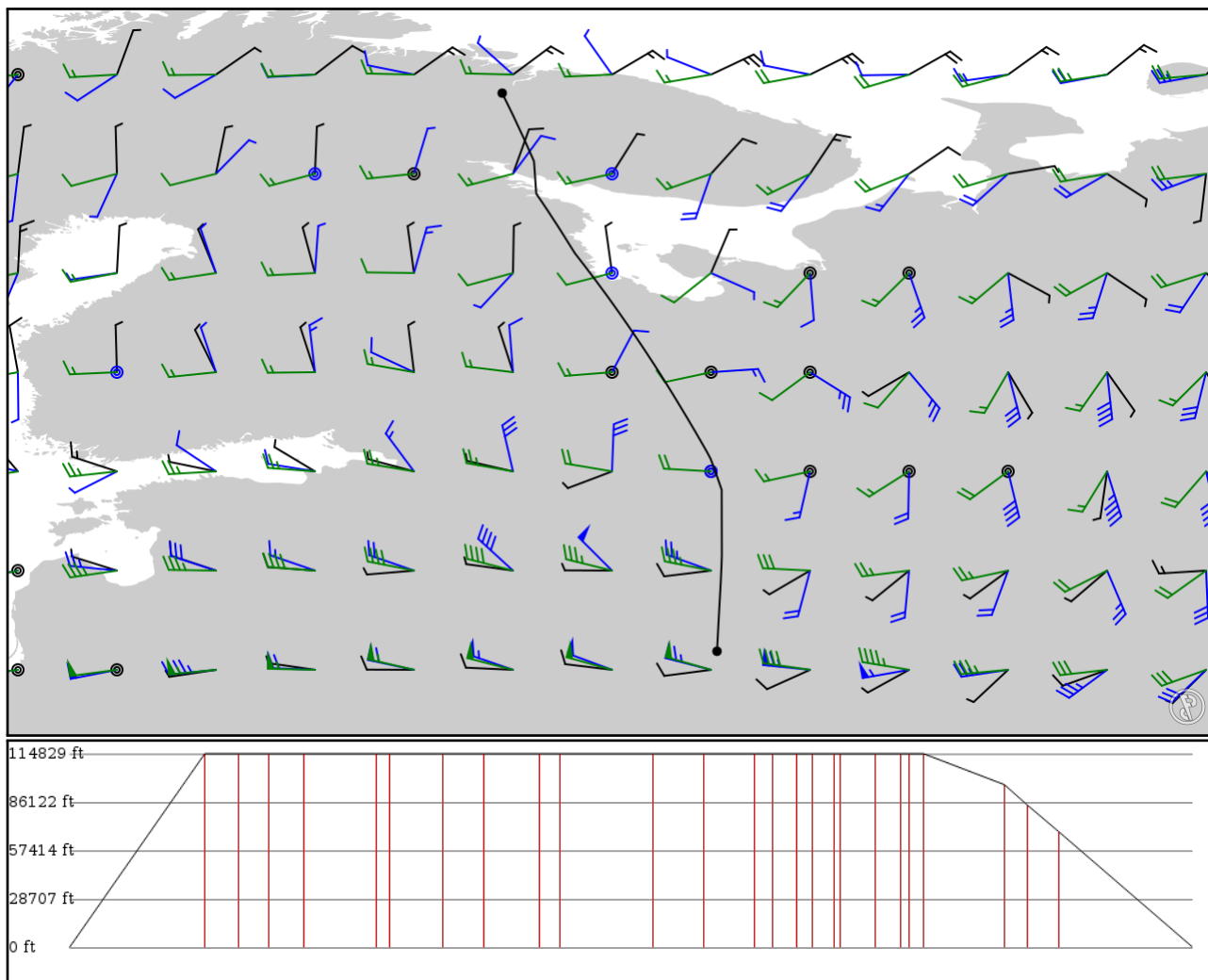


2024/05/20 0428Z

ULMM ARMAD **B961** MOVIT **G476** NE UDD

821.84 nm / 1522.04 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 | | |
| BAPNU | G476 | 58.95780 | 35,000 ft | 19 | - | |
| FIX | AWY-HI | 38.02000 | 10,668 m | | | |
| DEGIB | G476 | 58.85610 | 35,000 ft | 6 | - | |
| FIX | AWY-HI | 38.02030 | 10,668 m | | | |
| GILER | G476 | 58.68420 | 35,000 ft | 10 | - | |
| FIX | AWY-HI | 38.02060 | 10,668 m | | | |
| GIMUS | G476 | 57.69670 | 29,400 ft | 59 | - | |
| FIX | AWY-HI | 38.02280 | 8,961 m | | | |
| PESOL | G476 | 57.41000 | 25,700 ft | 17 | - | |
| FIX | AWY-HI | 38.01280 | 7,833 m | | | |
| NE | G476 | 57.03780 | 20,900 ft | 22 | NERL | |
| NDB | AWY-HI | 37.99530 | 6,370 m | | | |
| UDD | - | 55.40920 | 0 ft | 97 | Moscow Domodedovo Mikhail V. Lomonosov Intl | |
| APT | - | 37.90750 | 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 200400Z 27002MPS 230V300 9999 BKN043 02/M01 Q1007 R31/290055 NOSIG RMK 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 |

UDD

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 592 ft / 180 m
Location: 55.409200 37.907500
Magnetic Var: 11.826 E

METAR

UDD 200400Z 21004MPS CAVOK 13/06 Q1017 R14R/CLRD60 NOSIG

TAF

TAF UDD 200201Z 2003/2109 21003MPS CAVOK TX23/2012Z TN07/2003Z

Frequencies

| | |
|-------------------------------------|----------------------------------------|
| APP - 125.30 MHz - DOMODEDOVO RADAR | APP - 129.80 MHz - DOMODEDOVO RADAR |
| APP - 127.70 MHz - DOMODEDOVO RADAR | APP - 119.40 MHz - DOMODEDOVO RADAR |
| APP - 132.05 MHz - DOMODEDOVO RADAR | APP - 134.67 MHz - DOMODEDOVO RADAR |
| TWR - 118.60 MHz - DOMODEDOVO TOWER | TWR - 119.70 MHz - DOMODEDOVO TOWER |
| TWR - 127.30 MHz - DOMODEDOVO TOWER | CLD - 129.15 MHz - DOMODEDOVO DELIVERY |
| REC - 128.30 MHz - ATIS | REC - 122.95 MHz - ATIS |
| GND - 119.00 MHz - DOMODEDOVO APRON | 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 |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 14L | 174 ft | 7,762 ft | 145.68 | CONCRETE | 0 ft | 0 ft |
| | 53 m | 2,366 m | 133.85 | | 0 m | 0 m |
| 32R | 174 ft | 7,762 ft | 325.70 | CONCRETE | 0 ft | 0 ft |
| | 53 m | 2,366 m | 313.87 | | 0 m | 0 m |
| 14R | 197 ft | 11,459 ft | 145.68 | CONCRETE | 0 ft | 0 ft |
| | 60 m | 3,493 m | 133.85 | | 0 m | 0 m |
| 32L | 197 ft | 11,459 ft | 325.70 | CONCRETE | 0 ft | 0 ft |
| | 60 m | 3,493 m | 313.88 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 32R | DME | IDE | 111.90 MHz | 18 nm | - | - | 588 ft |
| | | | | 33 km | - | | 588 m |
| 14R | LOC-ILS | IDM | 110.10 MHz | 18 nm | 145.70 | - | 592 ft |
| | | | | 33 km | 133.87 | | 592 m |
| 32L | LOC-ILS | IDO | 109.30 MHz | 18 nm | 325.70 | - | 592 ft |
| | | | | 33 km | 313.87 | | 592 m |
| 14R | GS | IDM | 110.10 MHz | 10 nm | 145.70 | 3.00 | 592 ft |
| | | | | 19 km | 133.87 | | 592 m |
| 32L | GS | IDO | 109.30 MHz | 10 nm | 325.70 | 3.00 | 592 ft |
| | | | | 19 km | 313.87 | | 592 m |