

UUDD

Moscow Domodedovo Mikhail V. Lomonosov Intl

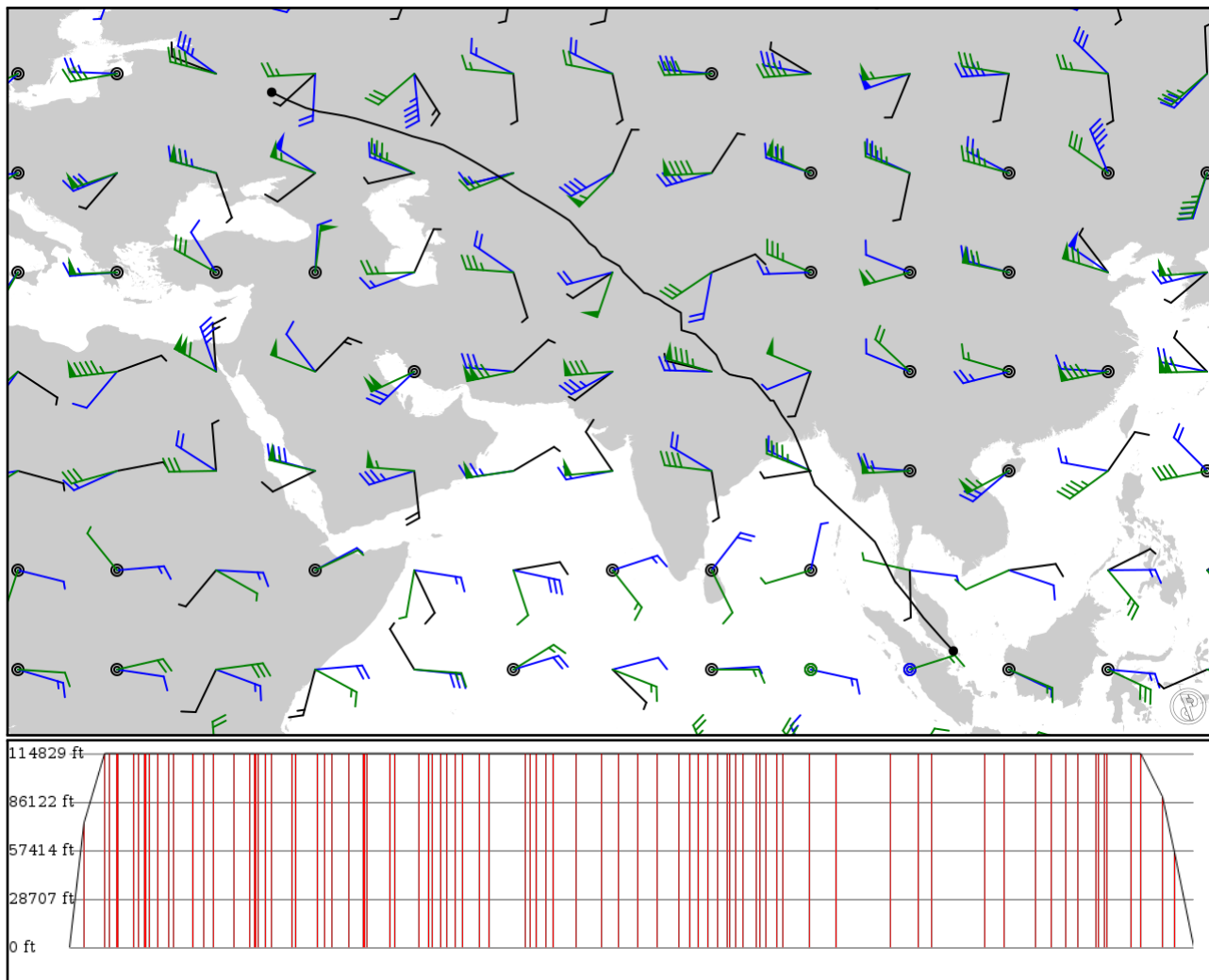
WSSS

Singapore Changi Intl

2024/05/26 0551Z

UUDD TIKBI **G811** OLOLA **G3** URL **A368** SIVKO **B142** NKZ **G3** PAVEL **A238** CV **B370** DILRO **A237** MIRVI **G91** POMIR
3800N07200E 3600N07400E GT **J155** DELDA **J125** SD 3500N07600E LLH **W39** LELAX 3200N07900E 3100N08000E
3000N08100E SUKET TULSI **W17** NARAN SMR **G463** UXAGA **W105** TAXOP **R325** CEA CEA **W111** DOPID **W112** DABEN
M770 OBMOG **L515** PUT **B579** VPL VPL **W531** VIH **R325** REDUK WSSS

4668.19 nm / 8645.49 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		Via	Lat	Alt	Dist	Name
Type			Lon		(nm)	
UDD	-	55.40920	0 ft	-	Moscow Domodedovo	Mikhail V. Lomonosov Intl
APT	-	37.90750	0 m			
TIKBI	-	54.72000	22,500 ft	63	-	
FIX	-	39.29470	6,858 m			
TUPEN	G811	53.88920	35,000 ft	83	-	
FIX	AWY-HI	41.22220	10,668 m			
PITOG	G811	53.75470	35,000 ft	19	-	
FIX	AWY-HI	41.71250	10,668 m			
LOLA	G811	53.53170	35,000 ft	31	-	
FIX	AWY-HI	42.50330	10,668 m			
UDEMI	G3	53.51670	35,000 ft	4	-	
FIX	AWY-HI	42.61470	10,668 m			
LUKER	G3	53.20830	35,000 ft	69	-	
FIX	AWY-HI	44.47330	10,668 m			
PNZ	G3	53.11380	35,000 ft	20	PENZA	
VOR	AWY-HI	45.01770	10,668 m			
RUTEM	G3	52.97000	35,000 ft	22	-	
FIX	AWY-HI	45.59670	10,668 m			
BUNAK	G3	52.94500	35,000 ft	5	-	
FIX	AWY-HI	45.75000	10,668 m			
ARLEP	G3	52.86170	35,000 ft	13	-	
FIX	AWY-HI	46.10500	10,668 m			
PEGAS	G3	52.58500	35,000 ft	37	-	
FIX	AWY-HI	47.02170	10,668 m			
BATUR	G3	52.25170	35,000 ft	45	-	
FIX	AWY-HI	48.13670	10,668 m			
ABARO	G3	52.12330	35,000 ft	17	-	
FIX	AWY-HI	48.56170	10,668 m			
ARISA	G3	51.49000	35,000 ft	82	-	
FIX	AWY-HI	50.54830	10,668 m			
URL	G3	51.14870	35,000 ft	42	URALSK	
VOR	AWY-HI	51.54380	10,668 m			
VEVIK	A368	50.86690	35,000 ft	43	-	
FIX	AWY-HI	52.59140	10,668 m			
SIVKO	A368	50.30750	35,000 ft	82	-	
FIX	AWY-HI	54.56360	10,668 m			
OSBEK	B142	49.59170	35,000 ft	68	-	
FIX	AWY-HI	55.92890	10,668 m			
ADUNA	B142	49.41000	35,000 ft	17	-	
FIX	AWY-HI	56.26420	10,668 m			
DILET	B142	49.31940	35,000 ft	8	-	
FIX	AWY-HI	56.43000	10,668 m			
OGATO	B142	49.23220	35,000 ft	8	-	
FIX	AWY-HI	56.58860	10,668 m			
GETNA	B142	48.91970	35,000 ft	28	-	
FIX	AWY-HI	57.14860	10,668 m			
BUSON	B142	48.61580	35,000 ft	27	-	
FIX	AWY-HI	57.68250	10,668 m			
RUGUS	B142	47.71390	35,000 ft	81	-	
FIX	AWY-HI	59.20530	10,668 m			
DETES	B142	47.52060	35,000 ft	17	-	
FIX	AWY-HI	59.52080	10,668 m			
IDROS	B142	46.52530	35,000 ft	87	-	

Ident Type		Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	61.08780	10,668 m			
ADUMI	B142	46.15080	35,000 ft	32	-	
FIX	AWY-HI	61.65420	10,668 m			
NKZ	B142	45.83110	35,000 ft	27	NOVOKAZALINSK	
VOR	AWY-HI	62.12750	10,668 m			
UNITO	G3	45.04390	35,000 ft	74	-	
FIX	AWY-HI	63.49780	10,668 m			
ADREM	G3	44.43000	35,000 ft	57	-	
FIX	AWY-HI	64.52170	10,668 m			
BADAS	G3	44.37250	35,000 ft	5	-	
FIX	AWY-HI	64.61560	10,668 m			
DILNA	G3	44.24720	35,000 ft	11	-	
FIX	AWY-HI	64.81970	10,668 m			
RILOK	G3	43.20670	35,000 ft	94	-	
FIX	AWY-HI	66.45810	10,668 m			
PAVEL	G3	42.99640	35,000 ft	18	-	
FIX	AWY-HI	66.77830	10,668 m			
IBMOB	A238	41.57670	35,000 ft	101	-	
FIX	AWY-HI	68.03690	10,668 m			
OSBOR	A238	41.01500	35,000 ft	40	-	
FIX	AWY-HI	68.51640	10,668 m			
CV	A238	40.81010	35,000 ft	14	SYRDARYA	
NDB	AWY-HI	68.68220	10,668 m			
DILRO	B370	40.40830	35,000 ft	36	-	
FIX	AWY-HI	69.27670	10,668 m			
USIMO	A237	40.08330	35,000 ft	22	-	
FIX	AWY-HI	69.51500	10,668 m			
MIRVI	A237	39.54830	35,000 ft	36	-	
FIX	AWY-HI	69.90330	10,668 m			
IVNAR	G91	39.25000	35,000 ft	31	-	
FIX	AWY-HI	70.46670	10,668 m			
POMIR	G91	38.58330	35,000 ft	67	-	
FIX	AWY-HI	71.63330	10,668 m			
3800N07200E	-	38.00000	35,000 ft	39	-	
LATLON	-	72.00000	10,668 m			
3600N07400E	-	36.00000	35,000 ft	153	-	
LATLON	-	74.00000	10,668 m			
GT	-	35.92020	35,000 ft	16	GILGIT	
NDB	-	74.33510	10,668 m			
DELDA	J155	35.71640	35,000 ft	24	-	
FIX	AWY-HI	74.78250	10,668 m			
SD	J125	35.34970	35,000 ft	42	SKARDU	
NDB	AWY-HI	75.53250	10,668 m			
3500N07600E	-	35.00000	35,000 ft	31	-	
LATLON	-	76.00000	10,668 m			
LLH	-	34.08440	35,000 ft	95	LEH	
VOR	-	77.57720	10,668 m			
LELAX	W39	32.39140	35,000 ft	101	-	
FIX	AWY-HI	77.63190	10,668 m			
3200N07900E	-	32.00000	35,000 ft	73	-	
LATLON	-	79.00000	10,668 m			
3100N08000E	-	31.00000	35,000 ft	78	-	
LATLON	-	80.00000	10,668 m			
3000N08100E	-	30.00000	35,000 ft	79	-	
LATLON	-	81.00000	10,668 m			
SUKET	-	28.58780	35,000 ft	91	-	

Ident Type	Via		Lat Lon	Alt		Dist (nm)	Name
FIX	-	81.63500	10,668 m				
TULSI	-	28.11170	35,000 ft	44	-		
FIX	-	82.29170	10,668 m				
THARA	W17	27.95560	35,000 ft	38	-		
FIX	AWY-HI	83.00000	10,668 m				
JULET	W17	27.82500	35,000 ft	36	-		
FIX	AWY-HI	83.67500	10,668 m				
NARAN	W17	27.67940	35,000 ft	41	-		
FIX	AWY-HI	84.42970	10,668 m				
SMR	-	27.16420	35,000 ft	42			SIMARA
VOR	-	84.98220	10,668 m				
ROMEO	G463	27.05330	35,000 ft	8	-		
FIX	AWY-HI	85.06890	10,668 m				
GAURA	G463	26.74610	35,000 ft	22	-		
FIX	AWY-HI	85.31440	10,668 m				
IPLAS	G463	26.32810	35,000 ft	31	-		
FIX	AWY-HI	85.65360	10,668 m				
UXAGA	G463	25.58470	35,000 ft	55	-		
FIX	AWY-HI	86.25250	10,668 m				
TAXOP	W105	25.58310	35,000 ft	16	-		
FIX	AWY-HI	86.55390	10,668 m				
SALOR	R325	25.21720	35,000 ft	24	-		
FIX	AWY-HI	86.76250	10,668 m				
MEMIR	R325	24.55060	35,000 ft	45	-		
FIX	AWY-HI	87.14750	10,668 m				
DUMKA	R325	24.18390	35,000 ft	24	-		
FIX	AWY-HI	87.35280	10,668 m				
CEA	R325	22.67600	35,000 ft	108			KOLKATA
VOR	AWY-HI	88.44810	10,668 m				
CEA	-	22.64520	35,000 ft	1			KOLKATA VOR-DME
DME	-	88.45290	10,668 m				
DOPID	W111	20.91750	35,000 ft	111	-		
FIX	AWY-HI	89.20440	10,668 m				
DABEN	W112	17.40690	35,000 ft	224	-		
FIX	AWY-HI	90.54580	10,668 m				
MEPEL	M770	16.03330	35,000 ft	117	-		
FIX	AWY-HI	92.00000	10,668 m				
SADUS	M770	15.42810	35,000 ft	51	-		
FIX	AWY-HI	92.63110	10,668 m				
LALAT	M770	12.84690	35,000 ft	224	-		
FIX	AWY-HI	95.41890	10,668 m				
OBMOG	M770	11.90190	35,000 ft	80	-		
FIX	AWY-HI	96.39190	10,668 m				
IKULA	L515	10.00190	35,000 ft	127	-		
FIX	AWY-HI	97.35390	10,668 m				
MUDMA	L515	9.01386	35,000 ft	66	-		
FIX	AWY-HI	97.85430	10,668 m				
PUT	L515	8.11523	35,000 ft	60			PHUKET
VOR	AWY-HI	98.30630	10,668 m				
NUTGU	B579	7.46748	35,000 ft	50	-		
FIX	AWY-HI	98.83880	10,668 m				
DALAN	B579	6.46889	35,000 ft	77	-		
FIX	AWY-HI	99.65560	10,668 m				
VPL	B579	6.35436	35,000 ft	8			LANGKAWI
VOR	AWY-HI	99.74550	10,668 m				
VPL	-	6.35542	35,000 ft	0			LANGKAWI VOR-DME

Ident Type	Via		Lat Lon	Alt		Dist (nm)	Name
DME	-	99.74740	10,668 m				
ANDOK	W531	6.02220	35,000 ft	25	-		
FIX	AWY-HI	100.00000	10,668 m				
VILAT	W531	5.89110	35,000 ft	9	-		
FIX	AWY-HI	100.09900	10,668 m				
VIH	W531	4.57361	35,000 ft	99	IPOH		
VOR	AWY-HI	101.09400	10,668 m				
ANSOM	R325	4.07330	35,000 ft	40	-		
FIX	AWY-HI	101.53900	10,668 m				
LATUK	R325	2.92110	27,200 ft	92	-		
FIX	AWY-HI	102.56300	8,291 m				
REDUK	R325	2.33258	17,100 ft	47	-		
FIX	AWY-HI	103.08300	5,212 m				
WSSS	-	1.35551	0 ft	79	Singapore Changi Intl		
APT	-	103.98800	0 m				

UUDD

Region: RUSSIA
Timezone: EUROPE/MOSCOW
Runways: 2

Elevation: 592 ft / 180 m
Location: 55.409200 37.907500
Magnetic Var: 11.828 E

METAR

UUDD 260530Z 29003MPS 250V320 CAVOK 20/08 Q1024 R32L/CLRD60 NOSIG

TAF

TAF UUDD 260158Z 2603/2709 26003MPS 9999 SCT040 TX24/2611Z TN09/2701Z BECMG 2606/2608 36006MPS TEMPO 2608/2616 VR

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

WSSS

Region: SINGAPORE

Timezone: ASIA/SINGAPORE

Runways: 2

Elevation: 20 ft / 6 m

Location: 1.355510 103.988000

Magnetic Var: 0.198 E

METAR

WSSS 260530Z VRB07KT 9999 FEW018 FEW020TCU BKN160 32/24 Q1009 NOSIG

TAF

TAF AMD WSSS 260100Z 2601/2706 14008KT 9999 FEW015 SCT020

Frequencies

DEP - 123.70 MHz - SINGAPORE RADAR	DEP - 127.30 MHz - SINGAPORE RADAR
DEP - 133.80 MHz - SINGAPORE RADAR	DEP - 133.25 MHz - SINGAPORE RADAR
DEP - 135.80 MHz - SINGAPORE RADAR	DEP - 134.20 MHz - SINGAPORE RADAR
DEP - 133.35 MHz - SINGAPORE RADAR	DEP - 134.40 MHz - SINGAPORE RADAR
DEP - 128.10 MHz - SINGAPORE RADAR	DEP - 255.40 MHz - SINGAPORE RADAR
DEP - 124.05 MHz - SINGAPORE RADAR	APP - 120.30 MHz - SINGAPORE APPROACH
APP - 124.60 MHz - SINGAPORE APPROACH	APP - 119.30 MHz - SINGAPORE ARRIVAL
TWR - 118.60 MHz - SINGAPORE TOWER	TWR - 118.25 MHz - SINGAPORE TOWER
GND - 124.30 MHz - SINGAPORE GROUND	GND - 121.72 MHz - SINGAPORE GROUND
GND - 121.85 MHz - SINGAPORE GROUND	GND - 121.00 MHz - SINGAPORE GROUND EMERGENCY
GND - 122.55 MHz - SINGAPORE GROUND	CLD - 121.65 MHz - SINGAPORE DELIVERY
CLD - 119.60 MHz - SINGAPORE DELIVERY	REC - 128.60 MHz -
REC - 128.02 MHz -	CHANGI AIRPORT INFORMATION (D-ATIS)
CHANGI AIRPORT ARRIVAL INFORMATION	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
02L	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20R	197 ft	13,187 ft	202.88	ASPHALT	2,428 ft	390 ft
	60 m	4,020 m	202.68		740 m	119 m
02C	197 ft	13,187 ft	22.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	22.68		0 m	0 m
20C	197 ft	13,187 ft	202.88	ASPHALT	0 ft	0 ft
	60 m	4,020 m	202.68		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
02C	DME	ICE	108.30 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
02L	DME	ICW	110.90 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
20C	DME	ICC	109.70 MHz	18 nm	-	-	15 ft
				33 km	-		15 m
20R	DME	ICH	108.90 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
02C	LOC-ILS	ICE	108.30 MHz	18 nm	22.88	-	20 ft
				33 km	22.68		20 m
02L	LOC-ILS	ICW	110.90 MHz	18 nm	22.88	-	20 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	22.68		20 m
20C	LOC-ILS	ICC	109.70 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
20R	LOC-ILS	ICH	108.90 MHz	18 nm	202.88	-	20 ft
				33 km	202.68		20 m
02C	GS	ICE	108.30 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
02L	GS	ICW	110.90 MHz	10 nm	22.88	3.00	20 ft
				19 km	22.68		20 m
20C	GS	ICC	109.70 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m
20R	GS	ICH	108.90 MHz	10 nm	202.88	3.00	20 ft
				19 km	202.68		20 m