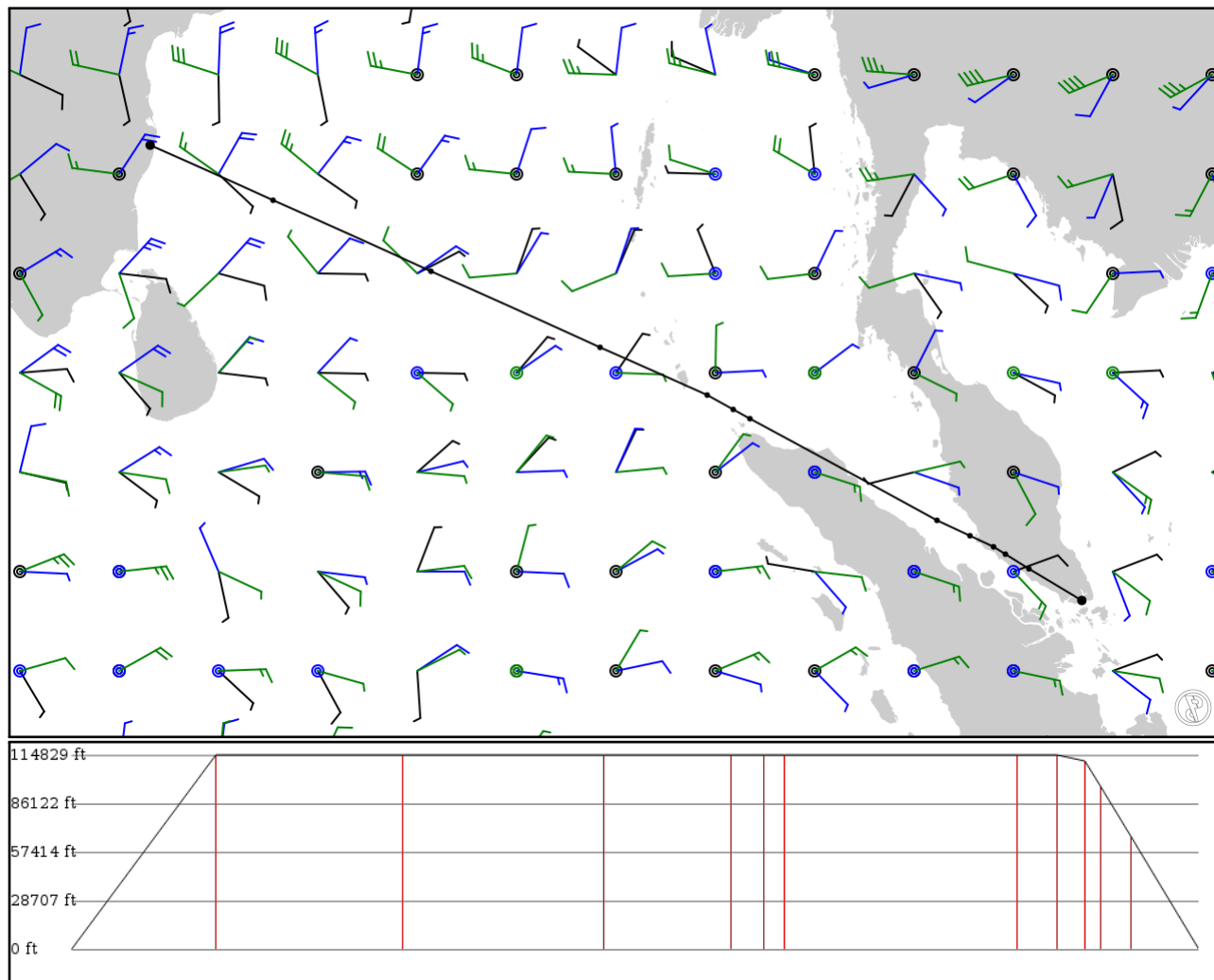


2024/05/07 1028Z

VOMM MMV **P574** PUGER **R461** VKL **A457** GUPTA WSSS

1581.02 nm / 2928.05 km



Notes

Basic altitude profile:

- Ascent Rate: 1000ft/min
- Ascent Speed: 170kts
- Cruise Altitude: 25000ft
- Cruise Speed: 220kts
- Descent Rate: 1500ft/min
- Descent Speed: 200kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOMM	-	12.99386	0 ft	-	CHENNAI INTL
APT	-	80.17144	0 m		
MMV	-	12.99336	0 ft	0	CHENNAI VOR-DME
VOR	-	80.17069	0 m		
GIRNA	P574	11.58486	35,000 ft	202	-
FIX	AWY-HI	83.31475	10,668 m		
ELSAR	P574	9.76833	35,000 ft	262	-
FIX	AWY-HI	87.35167	10,668 m		
DUBTA	P574	7.82333	35,000 ft	282	-
FIX	AWY-HI	91.67667	10,668 m		
NOPEK	P574	6.60389	35,000 ft	178	-
FIX	AWY-HI	94.41667	10,668 m		
IGEB0	P574	6.23583	35,000 ft	45	-
FIX	AWY-HI	95.08083	10,668 m		
ANSAX	P574	6.00000	35,000 ft	29	-
FIX	AWY-HI	95.50806	10,668 m		
PUGER	P574	3.40000	35,000 ft	326	-
FIX	AWY-HI	100.29167	10,668 m		
INTOT	R461	3.00639	35,000 ft	55	-
FIX	AWY-HI	101.13528	10,668 m		
VKL	R461	2.72444	33,900 ft	39	KUALA LUMPUR VOR-DME
VOR	AWY-HI	101.73806	10,333 m		
SAPAT	A457	2.53611	29,300 ft	21	-
FIX	AWY-HI	102.04167	8,931 m		
GUPTA	A457	2.16278	20,300 ft	42	-
FIX	AWY-HI	102.64167	6,187 m		
WSSS	-	1.35192	0 ft	94	Singapore Changi Intl. Airport
APT	-	103.99560	0 m		

VOMM

Region: INDIA
Timezone: ASIA/KOLKATA
Runways: 2

Elevation: 51 ft / 16 m
Location: 12.995100 80.169000
Magnetic Var: 0.779 W

METAR

VOMM 071000Z 15012KT 6000 FEW020 36/27 Q1005 NOSIG

TAF

VOMM 070500Z 0706/0812 18010G20KT 6000 SCT020 SCT100 TEMPO 0709/0715 4000 -TSRA/RA SCT018 FEW025TU/CB BKN080 BECM

Frequencies

REC - 127.45 MHz - ATIS
TWR - 118.10 MHz -
APP - 124.45 MHz -
GND - 121.90 MHz -
APP - 127.90 MHz -

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07	148 ft	12,013 ft	68.92	ASPHALT	0 ft	476 ft
	45 m	3,661 m	69.70		0 m	145 m
25	148 ft	12,013 ft	248.93	ASPHALT	0 ft	492 ft
	45 m	3,661 m	249.71		0 m	150 m
12	148 ft	10,604 ft	117.74	ASPHALT	2,556 ft	0 ft
	45 m	3,232 m	118.52		779 m	0 m
30	148 ft	10,604 ft	297.74	ASPHALT	1,135 ft	0 ft
	45 m	3,232 m	298.52		346 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	IMAS	110.30 MHz	18 nm	-	-	52 ft
				33 km	-		52 m
07	LOC-ILS	IMAS	110.30 MHz	18 nm	68.92	-	51 ft
				33 km	69.70		51 m
25	LOC-ILS	ICHN	109.70 MHz	18 nm	248.92	-	51 ft
				33 km	249.70		51 m
07	GS	IMAS	110.30 MHz	10 nm	68.92	3.00	51 ft
				19 km	69.70		51 m
25	GS	ICHN	109.70 MHz	10 nm	248.92	3.00	51 ft
				19 km	249.70		51 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 071000Z 34003KT 9999 FEW018 SCT070 BKN270 29/25 Q1008 NOSIG

TAF

TAF AMD WSSS 070800Z 0708/0812 22008KT 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