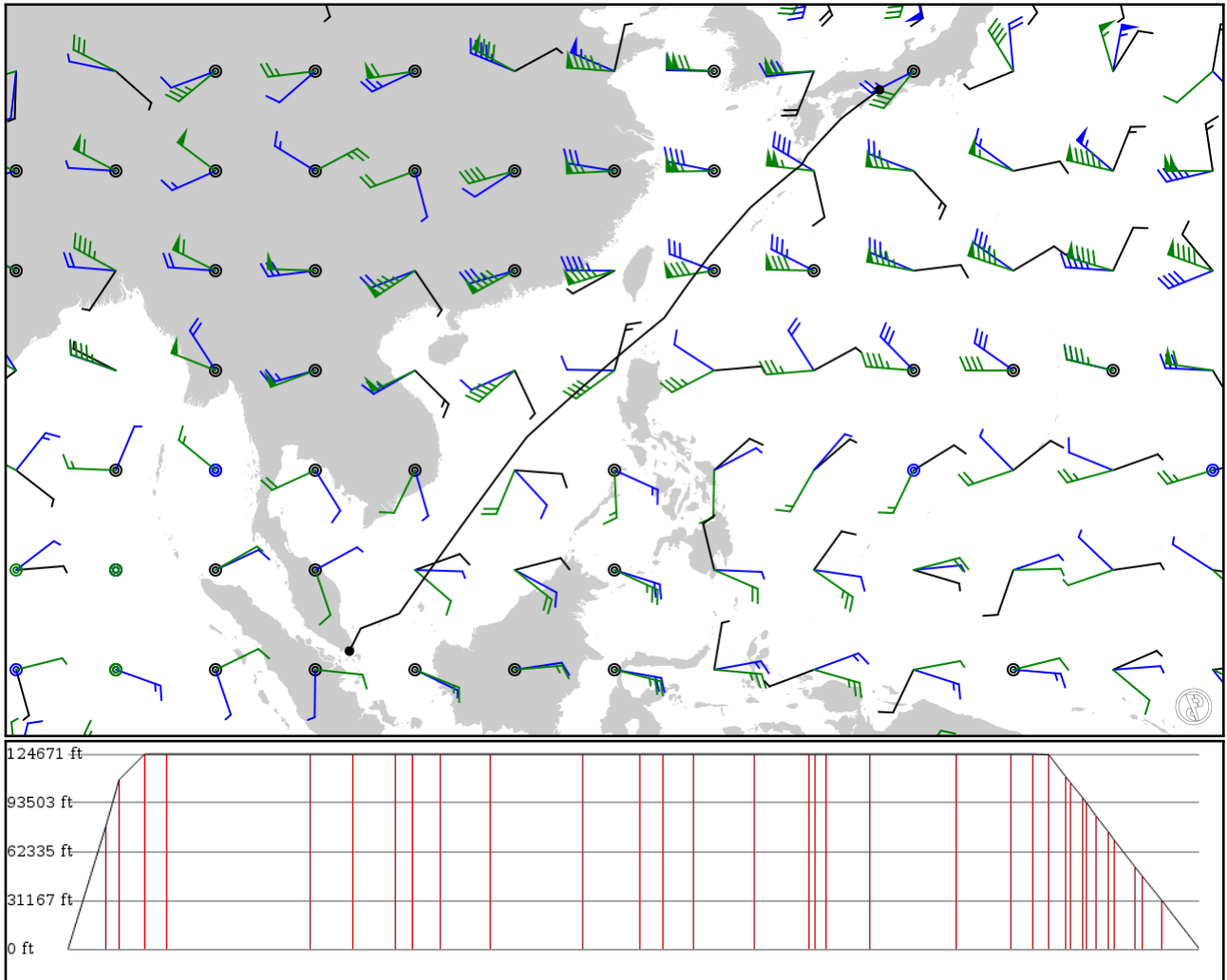


2024/06/07 2245Z

WSSS LENDA **N884** LUSMO **L625** MEVIN **B462** KAZIK **Y62** YURIX **Y26** SEPIA **B597** SUC **Y53** BRAVE RJBB

2683.88 nm / 4970.54 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 240kts
- Cruise Altitude: 38000ft
- Cruise Speed: 562kts
- Descent Rate: 1000ft/min
- Descent Speed: 240kts

Options:

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

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
WSSS	-	1.35561	0 ft	-	Singapore Changi
APT	-	103.98800	0 m	-	
LEDA	-	2.69000	23,900 ft	89	-
FIX	-	104.65800	7,285 m	-	-
LIPRO	N884	2.89500	33,000 ft	34	-
FIX	AWY-HI	105.19100	10,058 m	-	-
LEBIN	N884	3.24389	38,000 ft	58	-
FIX	AWY-HI	106.10100	11,582 m	-	-
LUSMO	N884	3.56139	38,000 ft	53	-
FIX	AWY-HI	106.92600	11,582 m	-	-
AKMON	L625	8.21556	38,000 ft	341	-
FIX	AWY-HI	110.21900	11,582 m	-	-
UDOSI	L625	9.54694	38,000 ft	98	-
FIX	AWY-HI	111.18100	11,582 m	-	-
ALDAS	L625	10.94830	38,000 ft	103	-
FIX	AWY-HI	112.20500	11,582 m	-	-
AGSAM	L625	11.47170	38,000 ft	38	-
FIX	AWY-HI	112.58800	11,582 m	-	-
ANOKI	L625	12.36670	38,000 ft	66	-
FIX	AWY-HI	113.25000	11,582 m	-	-
ARESI	L625	13.97330	38,000 ft	119	-
FIX	AWY-HI	114.45000	11,582 m	-	-
AKOTA	L625	16.46200	38,000 ft	218	-
FIX	AWY-HI	117.20700	11,582 m	-	-
AVMUP	L625	17.99330	38,000 ft	136	-
FIX	AWY-HI	118.95900	11,582 m	-	-
ALDIS	L625	18.59790	38,000 ft	54	-
FIX	AWY-HI	119.66400	11,582 m	-	-
ABVAR	L625	19.41410	38,000 ft	73	-
FIX	AWY-HI	120.62800	11,582 m	-	-
MEVIN	L625	21.00000	38,000 ft	144	-
FIX	AWY-HI	122.55000	11,582 m	-	-
MAGMA	B462	22.79760	38,000 ft	128	-
FIX	AWY-HI	123.81700	11,582 m	-	-
SADEK	B462	23.00430	38,000 ft	14	-
FIX	AWY-HI	123.96500	11,582 m	-	-
KAZIK	B462	23.35160	38,000 ft	25	-
FIX	AWY-HI	124.22200	11,582 m	-	-
IKEMA	Y62	24.78600	38,000 ft	104	-
FIX	AWY-HI	125.30100	11,582 m	-	-
YURIX	Y62	27.48810	38,000 ft	204	-
FIX	AWY-HI	127.61500	11,582 m	-	-
ANOXA	Y26	28.98880	38,000 ft	129	-
FIX	AWY-HI	129.37700	11,582 m	-	-
SWANO	Y26	29.57490	38,000 ft	50	-
FIX	AWY-HI	130.07500	11,582 m	-	-
SEPIA	Y26	30.00900	37,900 ft	39	-
FIX	AWY-HI	130.63500	11,552 m	-	-
TGE	B597	30.60220	33,600 ft	40	NAKATANE
VOR	AWY-HI	130.99200	10,241 m	-	
TEPPO	B597	30.76010	32,400 ft	11	-
FIX	AWY-HI	131.13400	9,876 m	-	-
JOKER	B597	31.11630	29,500 ft	27	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	131.45900	8,992 m		
QUEEN	B597	31.22630	28,600 ft	8	-
FIX	AWY-HI	131.56000	8,717 m		
JACKY	B597	31.55470	25,900 ft	25	-
FIX	AWY-HI	131.86300	7,894 m		
HIROS	B597	31.92510	22,900 ft	28	-
FIX	AWY-HI	132.20800	6,980 m		
MADOG	B597	32.12520	21,200 ft	15	-
FIX	AWY-HI	132.39600	6,462 m		
SUC	B597	32.75600	16,000 ft	48	SHIMIZU
VOR	AWY-HI	132.99700	4,877 m		
STORK	Y53	32.94650	14,200 ft	16	-
FIX	AWY-HI	133.24300	4,328 m		
BRAVE	Y53	33.44850	9,500 ft	44	-
FIX	AWY-HI	133.89300	2,896 m		
RJBB	-	34.43360	0 ft	89	Kansai International
APT	-	135.23400	0 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 072230Z 19002KT 9999 FEW018 BKN300 27/26 Q1009 NOSIG

TAF

TAF WSSS 071700Z 0718/0900 19008KT 9999 FEW015 SCT020 TEMPO 0806/0809 3000 TSRA FEW012CB BKN015

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

RJBB

Region: JAPAN
Timezone: ASIA/TOKYO
Runways: 2

Elevation: 17 ft / 5 m
Location: 34.433600 135.234000
Magnetic Var: 8.025 W

METAR

RJBB 072230Z 11006KT 070V140 9999 FEW020 BKN/// 22/17 Q1017 NOSIG

TAF

TAF RJBB 071705Z 0718/0900 06004KT 9999 FEW020 BECMG 0801/0803 26010KT BECMG 0812/0815 04004KT

Frequencies

APP - 120.25 MHz - KANSAI APPROACH	APP - 120.45 MHz - KANSAI APPROACH
APP - 125.50 MHz - KANSAI APPROACH	APP - 124.70 MHz - KANSAI APPROACH
APP - 121.15 MHz - KANSAI APPROACH	APP - 120.85 MHz - KANSAI APPROACH
APP - 125.00 MHz - KANSAI APPROACH	APP - 124.80 MHz - KANSAI APPROACH
APP - 121.20 MHz - KANSAI APPROACH	APP - 120.40 MHz - KANSAI APPROACH
DEP - 119.20 MHz - KANSAI DEPARTURE	DEP - 120.65 MHz - KANSAI DEPARTURE
DEP - 119.50 MHz - KANSAI DEPARTURE	DEP - 119.75 MHz - KANSAI DEPARTURE
TWR - 118.20 MHz - KANSAI TOWER	TWR - 118.05 MHz - KANSAI TOWER
TWR - 126.20 MHz - KANSAI TOWER	GND - 121.60 MHz - KANSAI GROUND
GND - 121.65 MHz - KANSAI GROUND	CLD - 121.90 MHz - KANSAI DELIVERY
REC - 127.85 MHz - ATIS	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
06L	197 ft	13,135 ft	50.85	ASPHALT	0 ft	187 ft
	60 m	4,004 m	58.87		0 m	57 m
24R	197 ft	13,135 ft	230.87	ASPHALT	0 ft	184 ft
	60 m	4,004 m	238.89		0 m	56 m
06R	197 ft	11,493 ft	50.87	ASPHALT	0 ft	187 ft
	60 m	3,503 m	58.89		0 m	57 m
24L	197 ft	11,493 ft	230.88	ASPHALT	0 ft	180 ft
	60 m	3,503 m	238.91		0 m	55 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06R	DME	IKD	108.10 MHz	18 nm	-	-	34 ft
				33 km	-		34 m
24L	DME	IKN	110.70 MHz	18 nm	-	-	36 ft
				33 km	-		36 m
06L	LOC-ILS	IKJ	108.70 MHz	18 nm	50.86	-	17 ft
				33 km	58.88		17 m
06R	LOC-ILS	IKD	108.10 MHz	18 nm	50.88	-	17 ft
				33 km	58.90		17 m
24L	LOC-ILS	IKN	110.70 MHz	18 nm	230.88	-	17 ft
				33 km	238.90		17 m
24R	LOC-ILS	IKW	108.50 MHz	18 nm	230.86	-	17 ft
				33 km	238.88		17 m
06L	GS	IKJ	108.70 MHz	10 nm	50.86	3.00	17 ft
				19 km	58.88		17 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
06R	GS	IKD	108.10 MHz	10 nm	50.88	3.00	17 ft
				19 km	58.90		17 m
24L	GS	IKN	110.70 MHz	10 nm	230.88	3.00	17 ft
				19 km	238.90		17 m
24R	GS	IKW	108.50 MHz	10 nm	230.86	3.00	17 ft
				19 km	238.88		17 m