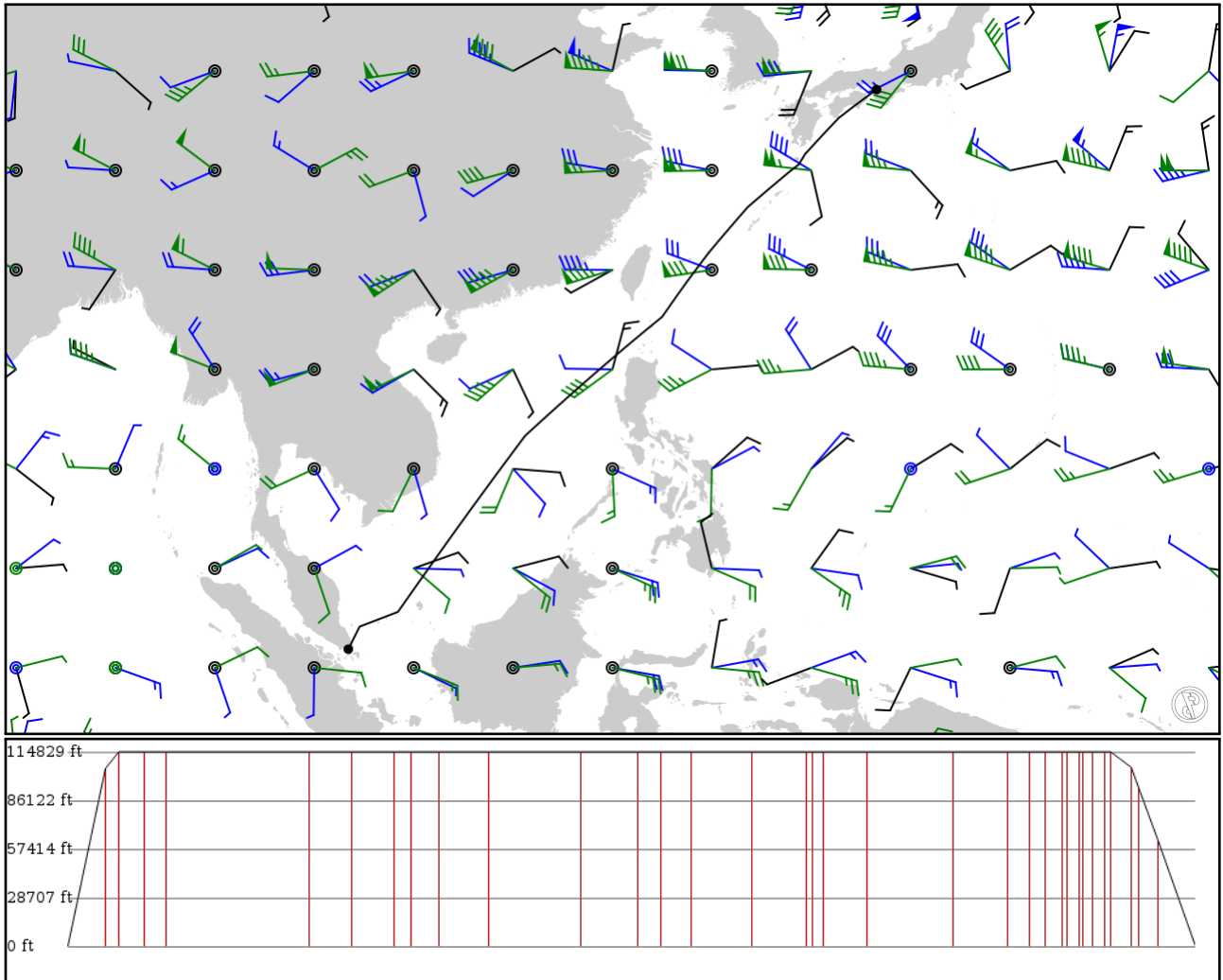


2024/05/19 0349Z

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: 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
WSSS	-	1.35561	0 ft	-	Singapore Changi
APT	-	103.98800	0 m	-	
LEDA	-	2.69000	32,000 ft	89	-
FIX	-	104.65800	9,754 m	-	-
LIPRO	N884	2.89500	35,000 ft	34	-
FIX	AWY-HI	105.19100	10,668 m	-	-
LEBIN	N884	3.24389	35,000 ft	58	-
FIX	AWY-HI	106.10100	10,668 m	-	-
LUSMO	N884	3.56139	35,000 ft	53	-
FIX	AWY-HI	106.92600	10,668 m	-	-
AKMON	L625	8.21556	35,000 ft	341	-
FIX	AWY-HI	110.21900	10,668 m	-	-
UDOSI	L625	9.54694	35,000 ft	98	-
FIX	AWY-HI	111.18100	10,668 m	-	-
ALDAS	L625	10.94830	35,000 ft	103	-
FIX	AWY-HI	112.20500	10,668 m	-	-
AGSAM	L625	11.47170	35,000 ft	38	-
FIX	AWY-HI	112.58800	10,668 m	-	-
ANOKI	L625	12.36670	35,000 ft	66	-
FIX	AWY-HI	113.25000	10,668 m	-	-
ARESI	L625	13.97330	35,000 ft	119	-
FIX	AWY-HI	114.45000	10,668 m	-	-
AKOTA	L625	16.46200	35,000 ft	218	-
FIX	AWY-HI	117.20700	10,668 m	-	-
AVMUP	L625	17.99330	35,000 ft	136	-
FIX	AWY-HI	118.95900	10,668 m	-	-
ALDIS	L625	18.59790	35,000 ft	54	-
FIX	AWY-HI	119.66400	10,668 m	-	-
ABVAR	L625	19.41410	35,000 ft	73	-
FIX	AWY-HI	120.62800	10,668 m	-	-
MEVIN	L625	21.00000	35,000 ft	144	-
FIX	AWY-HI	122.55000	10,668 m	-	-
MAGMA	B462	22.79760	35,000 ft	128	-
FIX	AWY-HI	123.81700	10,668 m	-	-
SADEK	B462	23.00430	35,000 ft	14	-
FIX	AWY-HI	123.96500	10,668 m	-	-
KAZIK	B462	23.35160	35,000 ft	25	-
FIX	AWY-HI	124.22200	10,668 m	-	-
IKEMA	Y62	24.78600	35,000 ft	104	-
FIX	AWY-HI	125.30100	10,668 m	-	-
YURIX	Y62	27.48810	35,000 ft	204	-
FIX	AWY-HI	127.61500	10,668 m	-	-
ANOXA	Y26	28.98880	35,000 ft	129	-
FIX	AWY-HI	129.37700	10,668 m	-	-
SWANO	Y26	29.57490	35,000 ft	50	-
FIX	AWY-HI	130.07500	10,668 m	-	-
SEPIA	Y26	30.00900	35,000 ft	39	-
FIX	AWY-HI	130.63500	10,668 m	-	-
TGE	B597	30.60220	35,000 ft	40	NAKATANE
VOR	AWY-HI	130.99200	10,668 m	-	
TEPPO	B597	30.76010	35,000 ft	11	-
FIX	AWY-HI	131.13400	10,668 m	-	-
JOKER	B597	31.11630	35,000 ft	27	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	131.45900	10,668 m		
QUEEN	B597	31.22630	35,000 ft	8	-
FIX	AWY-HI	131.56000	10,668 m		
JACKY	B597	31.55470	35,000 ft	25	-
FIX	AWY-HI	131.86300	10,668 m		
HIROS	B597	31.92510	35,000 ft	28	-
FIX	AWY-HI	132.20800	10,668 m		
MADOG	B597	32.12520	35,000 ft	15	-
FIX	AWY-HI	132.39600	10,668 m		
SUC	B597	32.75600	32,200 ft	48	SHIMIZU
VOR	AWY-HI	132.99700	9,815 m		
STORK	Y53	32.94650	28,600 ft	16	-
FIX	AWY-HI	133.24300	8,717 m		
BRAVE	Y53	33.44850	19,100 ft	44	-
FIX	AWY-HI	133.89300	5,822 m		
RJBB	-	34.43360	0 ft	89	Kansai Intl
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 190330Z 17006KT 130V240 9999 SCT017 FEW018TCU BKN300 32/27 Q1008 TEMPO FM0430 4500 SHRA

## TAF

TAF WSSS 182300Z 1900/2006 16010KT 9999 FEW015 SCT020 TEMPO 1904/1907 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: 8.021 W

## METAR

RJBB 190330Z 26006KT 9999 -RA FEW006 BKN050 BKN080 16/15 Q1019 BECMG 01006KT

## TAF

TAF AMD RJBB 190124Z 1901/2006 21009KT 9999 -RA FEW020 BKN045 BECMG 1902/1904 03007KT TEMPO 1912/1918 3000 SHRA BR

## 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	238.90		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