

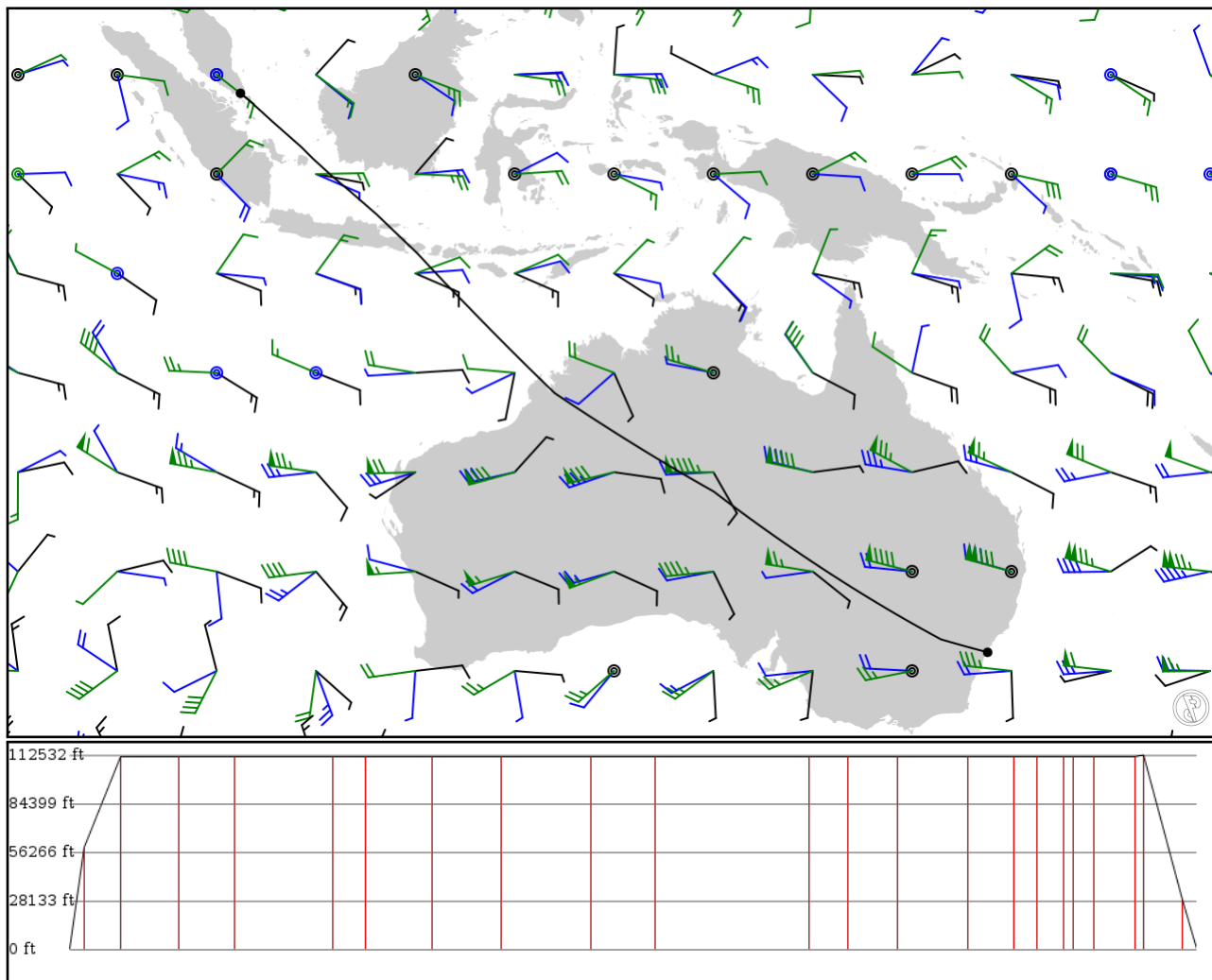
**YSSY**  
Sydney Intl

**WSSS**  
Singapore Changi Intl. Airport

2024/05/16 0711Z

YSSY SY **H44** KAT **A576** TI WSSS

3409.42 nm / 6314.25 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 60000ft
- 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
YSSY	-	-33.94927	0 ft	-	Sydney Intl
APT	-	151.18135	0 m		
SY	-	-33.94278	100 ft	0	SYDNEY VOR-DME
VOR	-	151.18056	30 m		
KAT	H44	-33.71081	18,000 ft	46	KATOOMBA NDB
NDB	AWY-LO	150.29962	5,486 m		
PKS	A576	-33.13111	34,000 ft	109	PARKES VOR-DME
VOR	AWY-LO	148.23722	10,363 m		
VIMAB	A576	-31.51528	34,000 ft	175	-
FIX	AWY-HI	145.35861	10,363 m		
APOMA	A576	-29.89806	34,000 ft	168	-
FIX	AWY-HI	142.68167	10,363 m		
POLEV	A576	-26.92028	34,000 ft	297	-
FIX	AWY-HI	138.16917	10,363 m		
KALUG	A576	-25.90000	34,000 ft	98	-
FIX	AWY-HI	136.72500	10,363 m		
AS	A576	-23.79289	34,000 ft	200	ALICE SPRINGS VOR-DME
VOR	AWY-HI	133.87820	10,363 m		
TIMMI	A576	-21.92248	34,000 ft	210	-
FIX	AWY-HI	130.65954	10,363 m		
TATUK	A576	-19.42944	34,000 ft	270	-
FIX	AWY-HI	126.64639	10,363 m		
CIN	A576	-17.58889	34,000 ft	193	CURTIN VOR-DME
VOR	AWY-HI	123.85194	10,363 m		
ATMAP	A576	-12.00000	34,000 ft	467	-
FIX	AWY-HI	118.25500	10,363 m		
ILDAM	A576	-10.59211	34,000 ft	116	-
FIX	AWY-HI	116.88456	10,363 m		
BLI	A576	-8.75058	34,000 ft	150	BALI VOR-DME
VOR	AWY-HI	115.16331	10,363 m		
SIPUT	A576	-6.28333	34,000 ft	213	-
FIX	AWY-HI	112.58333	10,363 m		
SUMBU	A576	-4.75500	34,000 ft	139	-
FIX	AWY-HI	110.82333	10,363 m		
SABIL	A576	-4.01907	34,000 ft	68	-
FIX	AWY-HI	109.93853	10,363 m		
AKULA	A576	-3.11988	34,000 ft	80	-
FIX	AWY-HI	108.95092	10,363 m		
APAGA	A576	-2.78267	34,000 ft	30	-
FIX	AWY-HI	108.58090	10,363 m		
APARI	A576	-2.04347	34,000 ft	62	-
FIX	AWY-HI	107.84038	10,363 m		
SANOS	A576	-0.70000	34,000 ft	121	-
FIX	AWY-HI	106.31667	10,363 m		
AKTOD	A576	-0.41333	34,300 ft	25	-
FIX	AWY-HI	105.99306	10,455 m		
TI	A576	0.91973	8,800 ft	119	TANJUNG PINANG NDB
NDB	AWY-LO	104.52617	2,682 m		
WSSS	-	1.35192	0 ft	41	Singapore Changi Intl. Airport
APT	-	103.99560	0 m		

## YSSY

Region: AUSTRALIA  
Timezone: AUSTRALIA/SYDNEY  
Runways: 3

Elevation: 21 ft / 6 m  
Location: -33.946100 151.177000  
Magnetic Var: 12.672 E

## METAR

YSSY 160700Z 09005KT 9999 FEW030 SCT220 19/15 Q1026 RF00.0/000.0

## TAF

TAF YSSY 160510Z 1606/1712 04008KT 9999 SCT025 FM161200 29008KT 9999 FEW020 FM170500 22010KT CAVOK PROB30 1618/16

## Frequencies

REC - 118.55 MHz - ATIS	REC - 126.55 MHz - ATIS
TWR - 124.70 MHz - SYDNEY TOWER	TWR - 120.50 MHz - SYDNEY TOWER
GND - 126.50 MHz - SYDNEY GROUND	GND - 121.70 MHz - SYDNEY GROUND
GND - 130.95 MHz - ANSETT APRON	GND - 127.60 MHz - SYDNEY COORDINATOR
CLD - 133.80 MHz - SYDNEY CLEARANCE DELIVERY	APP - 124.40 MHz - SYDNEY APPROACH
APP - 128.30 MHz - SYDNEY APPROACH	APP - 135.90 MHz - SYDNEY APPROACH
APP - 126.10 MHz - SYDNEY DIRECT	APP - 125.30 MHz - SYDNEY DIRECT
APP - 133.95 MHz - ILS MONITOR	APP - 119.45 MHz - ILS MONITOR
DEP - 129.70 MHz - SYDNEY DEPARTURE	DEP - 128.30 MHz - SYDNEY DEPARTURE
DEP - 123.00 MHz - SYDNEY DEPARTURE	DEP - 118.40 MHz - SYDNEY DEPARTURE

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	148 ft	8,018 ft	167.85	ASPHALT	758 ft	295 ft
	45 m	2,444 m	155.18		231 m	90 m
34R	148 ft	8,018 ft	347.85	ASPHALT	125 ft	295 ft
	45 m	2,444 m	335.18		38 m	90 m
07	148 ft	8,285 ft	74.14	ASPHALT	0 ft	489 ft
	45 m	2,525 m	61.46		0 m	149 m
25	148 ft	8,285 ft	254.12	ASPHALT	331 ft	197 ft
	45 m	2,525 m	241.45		101 m	60 m
16R	148 ft	13,029 ft	167.86	ASPHALT	279 ft	299 ft
	45 m	3,971 m	155.19		85 m	91 m
34L	148 ft	13,029 ft	347.85	ASPHALT	0 ft	620 ft
	45 m	3,971 m	335.18		0 m	189 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07	DME	ISY	109.90 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
16L	DME	ISS	110.90 MHz	18 nm	-	-	30 ft
				33 km	-		30 m
25	DME	ISW	109.70 MHz	18 nm	-	-	33 ft
				33 km	-		33 m
34R	DME	IKN	109.30 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
07	LOC-ILS	ISY	109.90 MHz	18 nm	74.13	-	21 ft
				33 km	61.46		21 m
16L	LOC-ILS	ISS	110.90 MHz	18 nm	167.85	-	21 ft
				33 km	155.18		21 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16R	LOC-ILS	IKS	109.50 MHz	18 nm	167.86	-	21 ft
				33 km	155.19		21 m
25	LOC-ILS	ISW	109.70 MHz	18 nm	254.13	-	21 ft
				33 km	241.46		21 m
34L	LOC-ILS	ISN	110.10 MHz	18 nm	347.86	-	21 ft
				33 km	335.19		21 m
34R	LOC-ILS	IKN	109.30 MHz	18 nm	347.85	-	21 ft
				33 km	335.18		21 m
07	GS	ISY	109.90 MHz	10 nm	74.13	3.00	21 ft
				19 km	61.46		21 m
16L	GS	ISS	110.90 MHz	10 nm	167.85	3.00	21 ft
				19 km	155.18		21 m
16R	GS	IKS	109.50 MHz	10 nm	167.86	3.00	21 ft
				19 km	155.19		21 m
25	GS	ISW	109.70 MHz	10 nm	254.13	3.00	21 ft
				19 km	241.46		21 m
34L	GS	ISN	110.10 MHz	10 nm	347.86	3.00	21 ft
				19 km	335.19		21 m
34R	GS	IKN	109.30 MHz	10 nm	347.85	3.00	21 ft
				19 km	335.18		21 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 160700Z 18010KT 9999 -TSRA FEW012 FEW016CB FEW017TCU SCT160 26/25 Q1009 RESHRA BECMG TL0720 NSW

## TAF

TAF WSSS 160500Z 1606/1712 17008KT 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