

FAOR

O. R. Tambo Intl

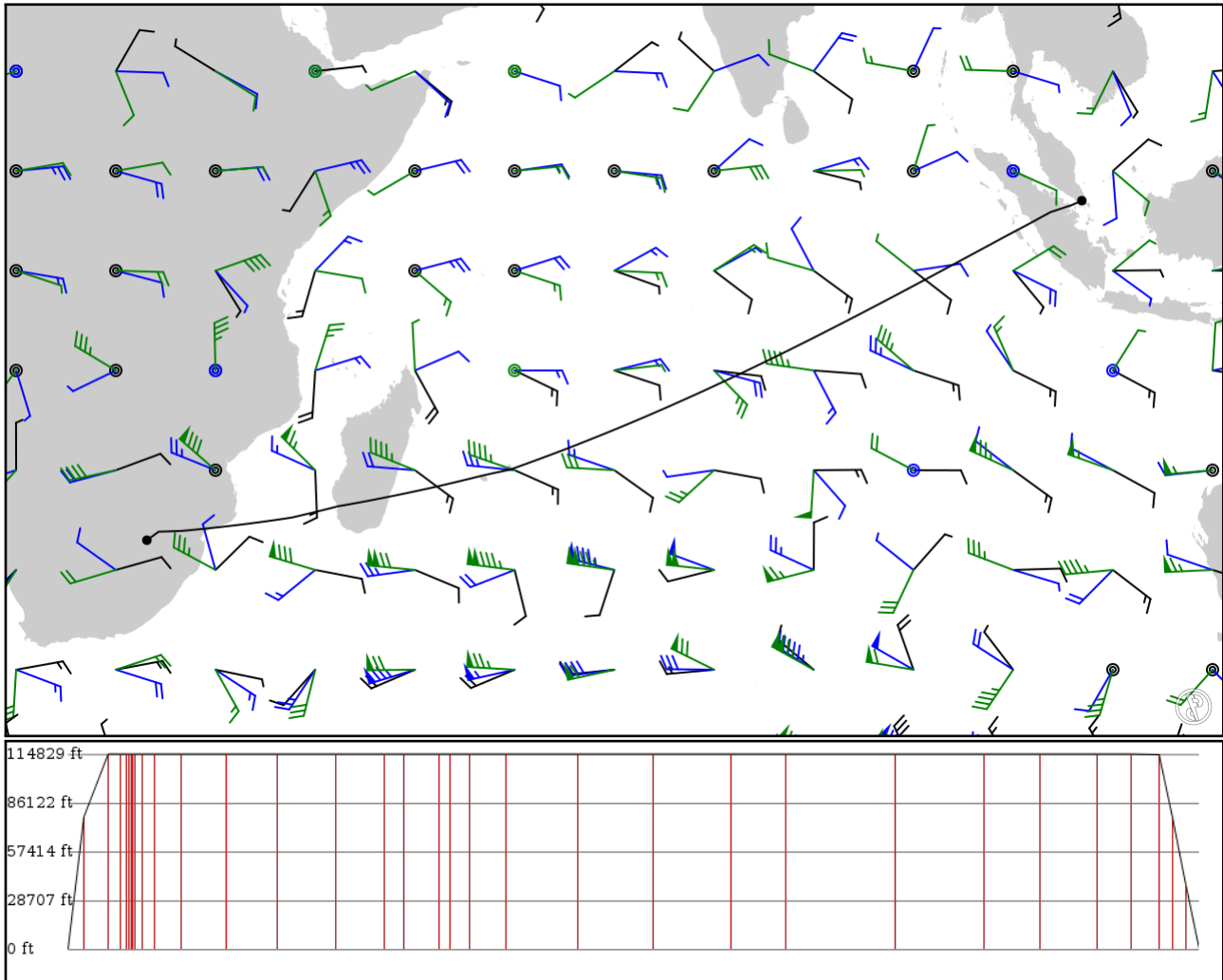
WSSS

Singapore Changi Intl

2024/05/03 0443Z

FAOR UNEDIT **UT446** PKV **UT444** SUNIR **UG653** SDG **A401** PLS **N633** PKU **R469** ASUNA WSSS

4689.89 nm / 8685.68 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
FAOR	-	-26.13860	0 ft	-	O. R. Tambo Intl
APT	-	28.24650	0 m	-	
UNDIT	-	-25.44640	23,700 ft	66	-
FIX	-	29.20450	7,224 m	-	-
PKV	UT446	-25.38100	35,000 ft	103	KRUGER MPUMALANGA
VOR	AWY-HI	31.11110	10,668 m	-	
DUTGI	UT444	-25.29550	35,000 ft	49	-
FIX	AWY-HI	32.02370	10,668 m	-	-
APDOB	UT444	-25.25170	35,000 ft	24	-
FIX	AWY-HI	32.46940	10,668 m	-	-
AVOSA	UT444	-25.23060	35,000 ft	11	-
FIX	AWY-HI	32.67690	10,668 m	-	-
ESVAT	UT444	-25.21390	35,000 ft	8	-
FIX	AWY-HI	32.84140	10,668 m	-	-
DUSRU	UT444	-25.19940	35,000 ft	7	-
FIX	AWY-HI	32.98110	10,668 m	-	-
NERUM	UT444	-25.18860	35,000 ft	5	-
FIX	AWY-HI	33.08580	10,668 m	-	-
UVISO	UT444	-25.12780	35,000 ft	31	-
FIX	AWY-HI	33.65860	10,668 m	-	-
ETIVI	UT444	-25.02690	35,000 ft	49	-
FIX	AWY-HI	34.56360	10,668 m	-	-
IBKAR	UT444	-24.77890	35,000 ft	112	-
FIX	AWY-HI	36.60420	10,668 m	-	-
SUNIR	UT444	-24.30170	35,000 ft	187	-
FIX	AWY-HI	40.00000	10,668 m	-	-
TU	UG653	-23.39080	35,000 ft	211	TOLIARY
VOR	AWY-HI	43.72200	10,668 m	-	
LAKRA	UG653	-22.58970	35,000 ft	241	-
FIX	AWY-HI	48.00000	10,668 m	-	-
NANTA	UG653	-21.84280	35,000 ft	199	-
FIX	AWY-HI	51.50000	10,668 m	-	-
GERAG	UG653	-21.51580	35,000 ft	81	-
FIX	AWY-HI	52.92020	10,668 m	-	-
SDG	UG653	-20.88480	35,000 ft	149	LA REUNION
VOR	AWY-HI	55.50980	10,668 m	-	
SOBAT	A401	-20.71830	35,000 ft	43	-
FIX	AWY-HI	56.26500	10,668 m	-	-
PLS	A401	-20.42000	35,000 ft	80	PLAISANCE (MAURITIUS)
VOR	AWY-HI	57.66240	10,668 m	-	
OVTIS	N633	-19.52360	35,000 ft	150	-
FIX	AWY-HI	60.14560	10,668 m	-	-
PADSO	N633	-17.64420	35,000 ft	298	-
FIX	AWY-HI	65.00000	10,668 m	-	-
PAKTI	N633	-15.53970	35,000 ft	314	-
FIX	AWY-HI	70.00000	10,668 m	-	-
PEDPI	N633	-13.27670	35,000 ft	321	-
FIX	AWY-HI	75.00000	10,668 m	-	-
PANDU	N633	-11.63500	35,000 ft	224	-
FIX	AWY-HI	78.44330	10,668 m	-	-
SAKEG	N633	-8.17132	35,000 ft	457	-
FIX	AWY-HI	85.33430	10,668 m	-	-
PIBED	N633	-5.33667	35,000 ft	364	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	90.73330	10,668 m		
POSOD	N633	-3.49167	35,000 ft	233	-
FIX	AWY-HI	94.16500	10,668 m		
OBMAT	N633	-1.59350	35,000 ft	240	-
FIX	AWY-HI	97.68780	10,668 m		
TAPIN	N633	-0.50026	35,000 ft	139	-
FIX	AWY-HI	99.74480	10,668 m		
PKU	N633	0.42558	34,900 ft	116	PEKANBARU
VOR	AWY-HI	101.44200	10,638 m		
TAROS	R469	0.70000	23,600 ft	52	-
FIX	AWY-HI	102.27000	7,193 m		
ASUNA	R469	0.99667	11,500 ft	56	-
FIX	AWY-HI	103.16500	3,505 m		
WSSS	-	1.35551	0 ft	53	Singapore Changi Intl
APT	-	103.98800	0 m		

FAOR

Region: SOUTH AFRICA
Timezone: AFRICA/JOHANNESBURG
Runways: 2

Elevation: 5,558 ft / 1,694 m
Location: -26.138600 28.246500
Magnetic Var: 19.460 W

METAR

FAOR 030430Z 05004KT CAVOK 13/07 Q1030 NOSIG

TAF

TAF FAOR 022200Z 0300/0406 VRB03KT CAVOK TX25/0313Z TN12/0304Z BECMG 0320/0322 03010KT

Frequencies

REC - 126.20 MHz - D-ATIS	GND - 121.90 MHz - O R TAMBO GROUND
GND - 122.65 MHz - O R TAMBO APRON	TWR - 118.10 MHz - JOHANNESBURG TOWER
TWR - 118.60 MHz - JOHANNESBURG TOWER	CLD - 121.70 MHz - CLEARANCE DELIVERY
APP - 123.70 MHz - JOHANNESBURG RADAR	APP - 124.50 MHz - JOHANNESBURG RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03L	197 ft	14,523 ft	15.53	ASPHALT	0 ft	305 ft
	60 m	4,427 m	34.99		0 m	93 m
21R	197 ft	14,523 ft	195.53	ASPHALT	1,427 ft	226 ft
	60 m	4,427 m	214.99		435 m	69 m
03R	197 ft	11,206 ft	15.53	ASPHALT	0 ft	197 ft
	60 m	3,416 m	34.99		0 m	60 m
21L	197 ft	11,206 ft	195.53	ASPHALT	0 ft	190 ft
	60 m	3,416 m	214.99		0 m	58 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
03L	LOC-ILS	JSI	110.30 MHz	18 nm	15.53	-	5,558 ft
				33 km	34.99		5,558 m
03R	LOC-ILS	JNI	109.10 MHz	18 nm	15.53	-	5,558 ft
				33 km	34.99		5,558 m
21L	LOC-ILS	JAI	109.90 MHz	18 nm	195.53	-	5,558 ft
				33 km	214.99		5,558 m
21R	LOC-ILS	JBI	109.90 MHz	18 nm	195.53	-	5,558 ft
				33 km	214.99		5,558 m
03L	GS	JSI	110.30 MHz	10 nm	15.53	3.00	5,558 ft
				19 km	34.99		5,558 m
03R	GS	JNI	109.10 MHz	10 nm	15.53	3.00	5,558 ft
				19 km	34.99		5,558 m
21L	GS	JAI	109.90 MHz	10 nm	195.53	3.00	5,558 ft
				19 km	214.99		5,558 m
21R	GS	JBI	109.90 MHz	10 nm	195.53	3.00	5,558 ft
				19 km	214.99		5,558 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 030430Z 18008KT 9999 FEW020TCU BKN300 32/27 Q1008 NOSIG

TAF

TAF AMD WSSS 030400Z 0304/0406 15008KT 9999 FEW015 SCT020 TEMPO 0306/0309 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