

WADD

Denpasar Ngurah Rai Intl

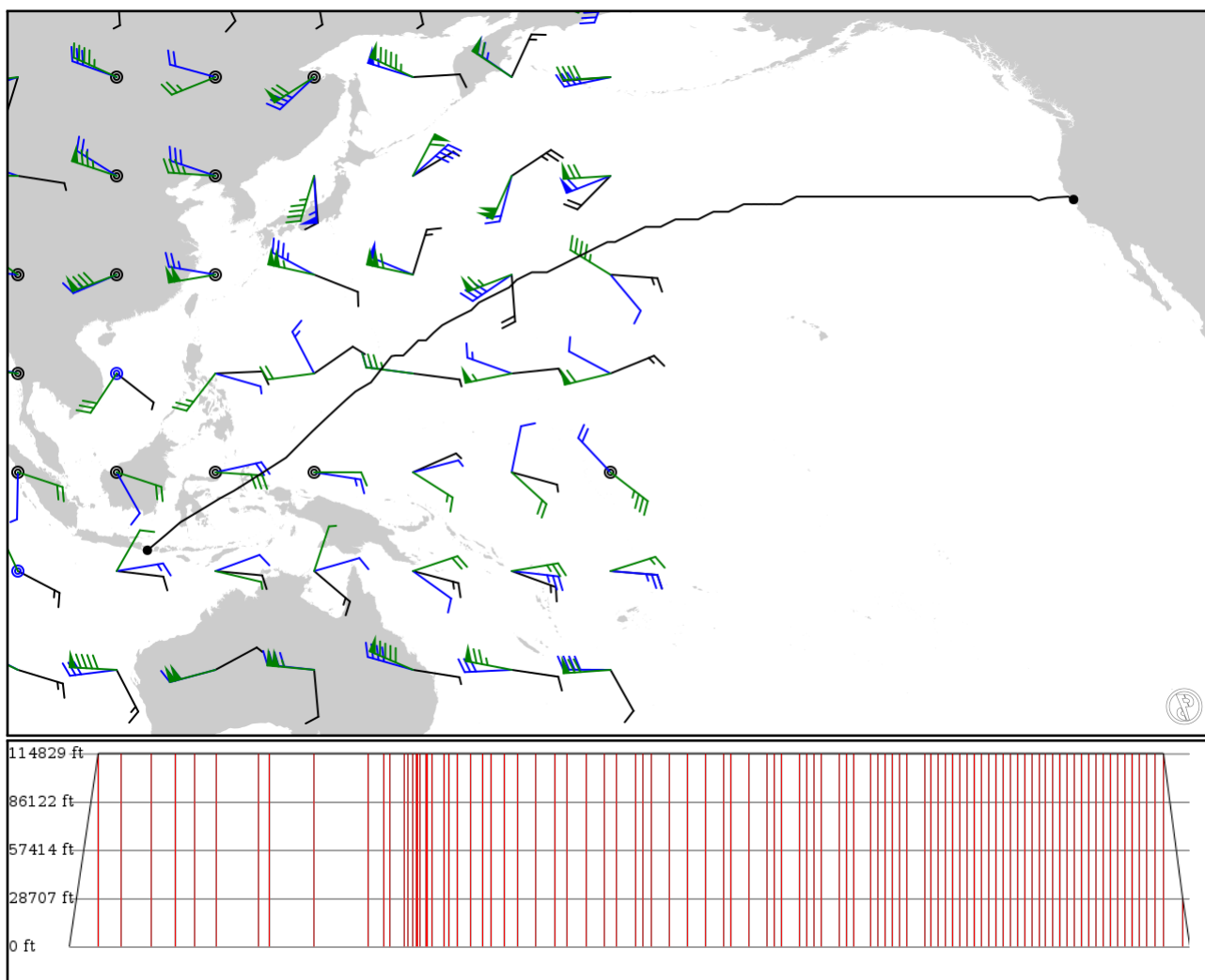
KSFO

San Francisco Intl

2024/05/16 0623Z

WADD BLI **A450** UNZ **W21** BESSS 1700N14800E 1700N14900E 1800N15000E 1900N15100E 1900N15200E
2000N15300E RISBA 2200N15600E 2300N15800E 2400N15900E 2500N16100E 2600N16300E 2700N16400E
2800N16600E 2800N16700E 2800N16800E 2900N17000E 3000N17200E 3100N17400E 3200N17600E 3200N17700E
3300N18100W 3400N17900W 3400N17800W 3400N17700W 3500N17500W 3500N17400W 3500N17300W 3500N17200W
3600N17000W 3600N16900W 3600N16800W 3700N16600W 3700N16500W 3700N16400W 3700N16300W 3700N16200W
3700N16100W 3800N15900W 3800N15800W 3800N15700W 3800N15600W 3800N15500W 3800N15400W 3800N15300W
3800N15200W 3800N15100W 3800N15000W 3800N14900W 3800N14800W 3800N14700W 3800N14600W 3800N14500W
3800N14400W 3800N14300W 3800N14200W 3800N14100W 3800N14000W 3800N13900W 3800N13800W 3800N13700W
3800N13600W 3800N13500W 3800N13400W 3800N13300W 3800N13200W 3800N13100W 3800N13000W 3800N12900W
3800N12800W ALLBE **R463** ALCOA MOLEN KSFO

7412.20 nm / 13727.40 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
WADD	-	-8.74840	0 ft	-	Denpasar Ngurah Rai Intl
APT	-	115.16700	0 m		
BLI	-	-8.75057	0 ft	0	BALI (DEN PASAR)
VOR	-	115.16300	0 m		
LIPOT	A450	-6.68089	35,000 ft	192	-
FIX	AWY-HI	117.63000	10,668 m		
MKS	A450	-5.03781	35,000 ft	150	MAKASSAR
VOR	AWY-HI	119.52600	10,668 m		
KENDO	A450	-3.28063	35,000 ft	205	-
FIX	AWY-HI	122.46400	10,668 m		
TALIA	A450	-1.91667	35,000 ft	157	-
FIX	AWY-HI	124.70000	10,668 m		
TELES	A450	-0.90667	35,000 ft	127	-
FIX	AWY-HI	126.56500	10,668 m		
AMRUD	A450	0.36333	35,000 ft	143	-
FIX	AWY-HI	128.59200	10,668 m		
NASIR	A450	2.86528	35,000 ft	279	-
FIX	AWY-HI	132.51300	10,668 m		
CAHYO	A450	3.50000	35,000 ft	70	-
FIX	AWY-HI	133.50000	10,668 m		
TNUGE	A450	7.00000	35,000 ft	296	-
FIX	AWY-HI	137.00000	10,668 m		
PIGFA	A450	11.12500	35,000 ft	360	-
FIX	AWY-HI	141.41200	10,668 m		
LOEBB	A450	12.24200	35,000 ft	100	-
FIX	AWY-HI	142.67800	10,668 m		
BUCAT	A450	12.59330	35,000 ft	40	-
FIX	AWY-HI	143.26700	10,668 m		
UNZ	A450	13.45450	35,000 ft	100	NIMITZ
VOR	AWY-HI	144.73300	10,668 m		
KAQTU	W21	13.76190	35,000 ft	23	-
FIX	AWY-HI	144.97000	10,668 m		
SANDO	W21	14.16250	35,000 ft	30	-
FIX	AWY-HI	145.28000	10,668 m		
NUJCO	W21	14.46930	35,000 ft	23	-
FIX	AWY-HI	145.51900	10,668 m		
KATQO	W21	14.61590	35,000 ft	11	-
FIX	AWY-HI	145.63300	10,668 m		
HIRCH	W21	14.78920	35,000 ft	13	-
FIX	AWY-HI	145.76900	10,668 m		
WAKRI	W21	15.28990	35,000 ft	37	-
FIX	AWY-HI	146.16100	10,668 m		
ANENVY	W21	15.43350	35,000 ft	10	-
FIX	AWY-HI	146.27400	10,668 m		
SNAPP	W21	15.85340	35,000 ft	31	-
FIX	AWY-HI	146.60600	10,668 m		
BESSS	W21	16.91670	35,000 ft	80	-
FIX	AWY-HI	147.45000	10,668 m		
1700N14800E	-	17.00000	35,000 ft	31	-
LATLON	-	148.00000	10,668 m		
1700N14900E	-	17.00000	35,000 ft	57	-
LATLON	-	149.00000	10,668 m		
1800N15000E	-	18.00000	35,000 ft	82	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	150.00000	10,668 m		
1900N15100E	-	19.00000	35,000 ft	82	-
LATLON	-	151.00000	10,668 m		
1900N15200E	-	19.00000	35,000 ft	56	-
LATLON	-	152.00000	10,668 m		
2000N15300E	-	20.00000	35,000 ft	82	-
LATLON	-	153.00000	10,668 m		
RISBA	-	21.00000	35,000 ft	87	-
FIX	-	154.13700	10,668 m		
2200N15600E	-	22.00000	35,000 ft	120	-
LATLON	-	156.00000	10,668 m		
2300N15800E	-	23.00000	35,000 ft	126	-
LATLON	-	158.00000	10,668 m		
2400N15900E	-	24.00000	35,000 ft	81	-
LATLON	-	159.00000	10,668 m		
2500N16100E	-	25.00000	35,000 ft	124	-
LATLON	-	161.00000	10,668 m		
2600N16300E	-	26.00000	35,000 ft	123	-
LATLON	-	163.00000	10,668 m		
2700N16400E	-	27.00000	35,000 ft	80	-
LATLON	-	164.00000	10,668 m		
2800N16600E	-	28.00000	35,000 ft	122	-
LATLON	-	166.00000	10,668 m		
2800N16700E	-	28.00000	35,000 ft	53	-
LATLON	-	167.00000	10,668 m		
2800N16800E	-	28.00000	35,000 ft	53	-
LATLON	-	168.00000	10,668 m		
2900N17000E	-	29.00000	35,000 ft	121	-
LATLON	-	170.00000	10,668 m		
3000N17200E	-	30.00000	35,000 ft	120	-
LATLON	-	172.00000	10,668 m		
3100N17400E	-	31.00000	35,000 ft	119	-
LATLON	-	174.00000	10,668 m		
3200N17600E	-	32.00000	35,000 ft	118	-
LATLON	-	176.00000	10,668 m		
3200N17700E	-	32.00000	35,000 ft	50	-
LATLON	-	177.00000	10,668 m		
3300N18100W	-	33.00000	35,000 ft	117	-
LATLON	-	-181.00000	10,668 m		
3400N17900W	-	34.00000	35,000 ft	116	-
LATLON	-	-179.00000	10,668 m		
3400N17800W	-	34.00000	35,000 ft	49	-
LATLON	-	-178.00000	10,668 m		
3400N17700W	-	34.00000	35,000 ft	49	-
LATLON	-	-177.00000	10,668 m		
3500N17500W	-	35.00000	35,000 ft	115	-
LATLON	-	-175.00000	10,668 m		
3500N17400W	-	35.00000	35,000 ft	49	-
LATLON	-	-174.00000	10,668 m		
3500N17300W	-	35.00000	35,000 ft	49	-
LATLON	-	-173.00000	10,668 m		
3500N17200W	-	35.00000	35,000 ft	49	-
LATLON	-	-172.00000	10,668 m		
3600N17000W	-	36.00000	35,000 ft	114	-
LATLON	-	-170.00000	10,668 m		
3600N16900W	-	36.00000	35,000 ft	48	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-169.00000	10,668 m		
3600N16800W	-	36.00000	35,000 ft	48	-
LATLON	-	-168.00000	10,668 m		
3700N16600W	-	37.00000	35,000 ft	113	-
LATLON	-	-166.00000	10,668 m		
3700N16500W	-	37.00000	35,000 ft	47	-
LATLON	-	-165.00000	10,668 m		
3700N16400W	-	37.00000	35,000 ft	47	-
LATLON	-	-164.00000	10,668 m		
3700N16300W	-	37.00000	35,000 ft	47	-
LATLON	-	-163.00000	10,668 m		
3700N16200W	-	37.00000	35,000 ft	47	-
LATLON	-	-162.00000	10,668 m		
3700N16100W	-	37.00000	35,000 ft	47	-
LATLON	-	-161.00000	10,668 m		
3800N15900W	-	38.00000	35,000 ft	112	-
LATLON	-	-159.00000	10,668 m		
3800N15800W	-	38.00000	35,000 ft	47	-
LATLON	-	-158.00000	10,668 m		
3800N15700W	-	38.00000	35,000 ft	47	-
LATLON	-	-157.00000	10,668 m		
3800N15600W	-	38.00000	35,000 ft	47	-
LATLON	-	-156.00000	10,668 m		
3800N15500W	-	38.00000	35,000 ft	47	-
LATLON	-	-155.00000	10,668 m		
3800N15400W	-	38.00000	35,000 ft	47	-
LATLON	-	-154.00000	10,668 m		
3800N15300W	-	38.00000	35,000 ft	47	-
LATLON	-	-153.00000	10,668 m		
3800N15200W	-	38.00000	35,000 ft	47	-
LATLON	-	-152.00000	10,668 m		
3800N15100W	-	38.00000	35,000 ft	47	-
LATLON	-	-151.00000	10,668 m		
3800N15000W	-	38.00000	35,000 ft	47	-
LATLON	-	-150.00000	10,668 m		
3800N14900W	-	38.00000	35,000 ft	47	-
LATLON	-	-149.00000	10,668 m		
3800N14800W	-	38.00000	35,000 ft	47	-
LATLON	-	-148.00000	10,668 m		
3800N14700W	-	38.00000	35,000 ft	47	-
LATLON	-	-147.00000	10,668 m		
3800N14600W	-	38.00000	35,000 ft	47	-
LATLON	-	-146.00000	10,668 m		
3800N14500W	-	38.00000	35,000 ft	47	-
LATLON	-	-145.00000	10,668 m		
3800N14400W	-	38.00000	35,000 ft	47	-
LATLON	-	-144.00000	10,668 m		
3800N14300W	-	38.00000	35,000 ft	47	-
LATLON	-	-143.00000	10,668 m		
3800N14200W	-	38.00000	35,000 ft	47	-
LATLON	-	-142.00000	10,668 m		
3800N14100W	-	38.00000	35,000 ft	47	-
LATLON	-	-141.00000	10,668 m		
3800N14000W	-	38.00000	35,000 ft	47	-
LATLON	-	-140.00000	10,668 m		
3800N13900W	-	38.00000	35,000 ft	47	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
LATLON	-	-139.00000	10,668 m		
3800N13800W	-	38.00000	35,000 ft	47	-
LATLON	-	-138.00000	10,668 m		
3800N13700W	-	38.00000	35,000 ft	47	-
LATLON	-	-137.00000	10,668 m		
3800N13600W	-	38.00000	35,000 ft	47	-
LATLON	-	-136.00000	10,668 m		
3800N13500W	-	38.00000	35,000 ft	47	-
LATLON	-	-135.00000	10,668 m		
3800N13400W	-	38.00000	35,000 ft	47	-
LATLON	-	-134.00000	10,668 m		
3800N13300W	-	38.00000	35,000 ft	47	-
LATLON	-	-133.00000	10,668 m		
3800N13200W	-	38.00000	35,000 ft	47	-
LATLON	-	-132.00000	10,668 m		
3800N13100W	-	38.00000	35,000 ft	47	-
LATLON	-	-131.00000	10,668 m		
3800N13000W	-	38.00000	35,000 ft	47	-
LATLON	-	-130.00000	10,668 m		
3800N12900W	-	38.00000	35,000 ft	47	-
LATLON	-	-129.00000	10,668 m		
3800N12800W	-	38.00000	35,000 ft	47	-
LATLON	-	-128.00000	10,668 m		
ALLBE	-	37.50640	35,000 ft	55	-
FIX	-	-127.00000	10,668 m		
ALCOA	R463	37.83330	35,000 ft	58	-
FIX	AWY-HI	-125.83500	10,668 m		
MOLEN	-	37.99790	8,700 ft	130	-
FIX	-	-123.08700	2,652 m		
KSFO	-	37.61850	0 ft	40	San Francisco Intl
APT	-	-122.37500	0 m		

WADD

Region: INDONESIA
Timezone: ASIA/MAKASSAR
Runways: 1

Elevation: 14 ft / 4 m
Location: -8.748400 115.167000
Magnetic Var: 0.609 E

METAR

WADD 160530Z 11014KT 9999 FEW017 31/26 Q1009 NOSIG

TAF

TAF WADD 160500Z 1606/1706 12010KT 9999 SCT016

Frequencies

REC - 126.20 MHz - ATIS
TWR - 118.10 MHz - NGURAH TOWER

GND - 118.80 MHz - NGURAH GROUND
APP - 119.70 MHz - BALI DIRECTOR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09	148 ft	9,828 ft	87.66	ASPHALT	0 ft	0 ft
	45 m	2,996 m	87.05		0 m	0 m
27	148 ft	9,828 ft	267.66	ASPHALT	0 ft	0 ft
	45 m	2,996 m	267.05		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
27	DME	IDPS	110.30 MHz	18 nm	-	-	14 ft
				33 km	-		14 m
27	LOC-ILS	IDPS	110.30 MHz	18 nm	267.70	-	10 ft
				33 km	267.10		10 m
27	GS	IDPS	110.30 MHz	10 nm	268.41	3.00	12 ft
				19 km	267.80		12 m

KSFO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 4

Elevation: 13 ft / 4 m
Location: 37.618500 -122.375000
Magnetic Var: 12.842 E

METAR

KSFO 160556Z 30007KT 10SM FEW004 13/11 A2992 RMK AO2 SLP130 T01330106 10178 20133 51013 \$

TAF

TAF KSFO 160520Z 1606/1712 26009KT P6SM FEW004 FM160900 25009KT P6SM BKN010 FM161100 22008KT P6SM OVC010 FM161600

Frequencies

REC - 113.70 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS
CLD - 118.20 MHz -
SAN FRANCISCO CLEARANCE DELIVERY
TWR - 120.50 MHz - SAN FRANCISCO TOWER
APP - 128.32 MHz - NORCAL APPROACH
APP - 133.95 MHz - NORCAL APPROACH
DEP - 135.10 MHz - NORCAL DEPARTURE

REC - 115.80 MHz - D-ATIS
COM - 122.95 MHz - UNICOM
GND - 121.80 MHz - SAN FRANCISCO GROUND
APP - 134.50 MHz - NORCAL APPROACH
APP - 128.57 MHz - NORCAL APPROACH
DEP - 120.90 MHz - NORCAL DEPARTURE

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.06		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.08		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.06		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.08		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.88		0 m	136 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m