

WAAA

Sultan Hasanuddin

GA1205

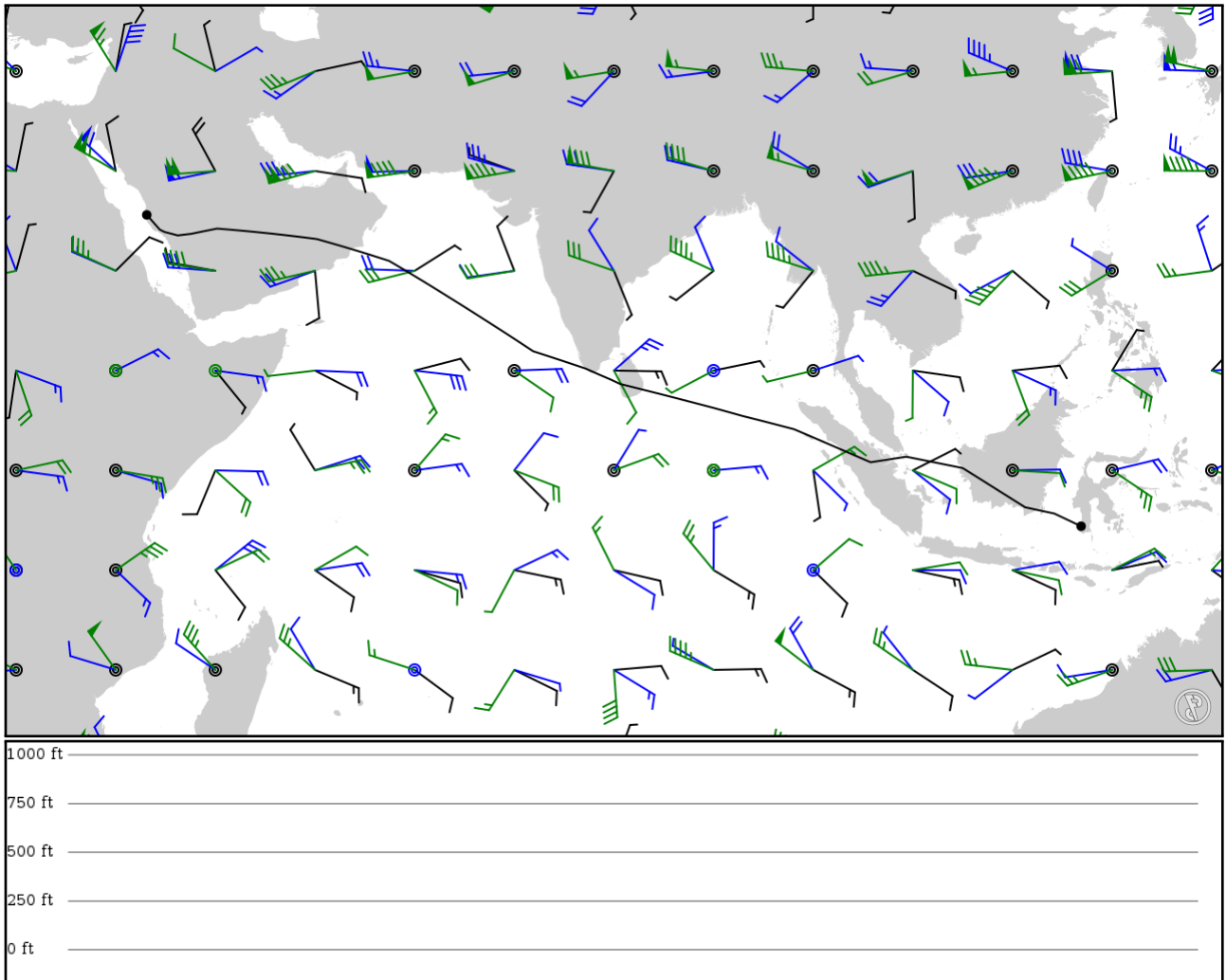
2024/05/20 0326Z

OEJN

King Abdulaziz Intl

WAAA GURNI **W35** PNK **L504** OBDOS TPG **W22** PKU **P570** TVM ANODA ODOLI EGOGI APUNA DONSA ASPUX BOVOS
DEDZO ITUVO NOVNO GOBRO DAVOX ASTIN DENKU EGREN WDR DEBIK GEPOS SITIR GODSA AMBAL OEJN

5106.13 nm / 9456.56 km



Notes

Requested: WAAA GURNI W35 PNK L504 OBDOS M774 TPG W22 PKU P570 TVM ANODA ODOLI EGOGI APUNA DONSA MAMIG ASPUX BOVOS
Unmatched points: MAMIG MEDMO

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
WAAA	-	-5.07092	0 ft	-	Sultan Hasanuddin
APT	-	119.55300	0 m		
GURNI	-	-3.98001	0 ft	152	-
FIX	-	117.25200	0 m		
BDM	W35	-3.43680	0 ft	154	BANJARMASIN
VOR	AWY-HI	114.73100	0 m		
NOMAD	W35	-1.46793	0 ft	222	-
FIX	AWY-HI	111.59000	0 m		
EBONY	W35	-0.90833	0 ft	62	-
FIX	AWY-HI	110.70300	0 m		
PNK	W35	-0.07916	0 ft	94	PONTIANAK
VOR	AWY-HI	109.37500	0 m		
BAVUS	L504	0.00000	0 ft	23	-
FIX	AWY-HI	109.00000	0 m		
OBDOS	L504	0.41750	0 ft	126	-
FIX	AWY-HI	106.93100	0 m		
TPG	-	0.90358	0 ft	148	TANJUNG PINANG
VOR	-	104.51400	0 m		
PIDON	W22	0.56760	0 ft	131	-
FIX	AWY-HI	102.35300	0 m		
PKU	W22	0.42558	0 ft	55	PEKANBARU
VOR	AWY-HI	101.44200	0 m		
BIRAS	P570	1.13306	0 ft	107	-
FIX	AWY-HI	99.80580	0 m		
KAGAS	P570	1.84694	0 ft	108	-
FIX	AWY-HI	98.15420	0 m		
DOLEM	P570	2.56056	0 ft	108	-
FIX	AWY-HI	96.50190	0 m		
MABIX	P570	3.26613	0 ft	107	-
FIX	AWY-HI	94.84870	0 m		
NIXUL	P570	4.00806	0 ft	176	-
FIX	AWY-HI	92.00000	0 m		
SULEN	P570	4.41000	0 ft	98	-
FIX	AWY-HI	90.39830	0 m		
POPAK	P570	5.07833	0 ft	149	-
FIX	AWY-HI	88.00000	0 m		
TEBIT	P570	6.12000	0 ft	247	-
FIX	AWY-HI	84.00000	0 m		
VEVET	P570	6.62833	0 ft	123	-
FIX	AWY-HI	82.00000	0 m		
TEMAX	P570	6.88000	0 ft	61	-
FIX	AWY-HI	81.00000	0 m		
KAT	P570	7.16126	0 ft	69	KATUNAYAKE
VOR	AWY-HI	79.86850	0 m		
CI	P570	7.51361	0 ft	49	-
FIX	AWY-HI	79.12390	0 m		
BASUR	P570	7.93028	0 ft	62	-
FIX	AWY-HI	78.15420	0 m		
TVM	P570	8.47500	0 ft	80	THIRUVANANTHAPURAM
VOR	AWY-HI	76.92530	0 m		
ANODA	-	9.96833	0 ft	282	-
FIX	-	72.39940	0 m		
ODOLI	-	11.61810	0 ft	178	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	-	69.88310	0 m		
EGOGI	-	12.18330	0 ft	62	-
FIX	-	69.00000	0 m		
APUNA	-	12.80970	0 ft	68	-
FIX	-	68.01670	0 m		
DONSA	-	14.58830	0 ft	196	-
FIX	-	65.19330	0 m		
ASPUX	-	17.73440	0 ft	354	-
FIX	-	60.00110	0 m		
BOVOS	-	18.37500	0 ft	121	-
FIX	-	57.97890	0 m		
DEDSO	-	18.96970	0 ft	117	-
FIX	-	56.01140	0 m		
ITUVO	-	19.05420	0 ft	17	-
FIX	-	55.72440	0 m		
NOVNO	-	19.55360	0 ft	103	-
FIX	-	53.98280	0 m		
GOBRO	-	19.60610	0 ft	11	-
FIX	-	53.79470	0 m		
DAVOX	-	19.73330	0 ft	56	-
FIX	-	52.80470	0 m		
ASTIN	-	20.06940	0 ft	165	-
FIX	-	49.88890	0 m		
DENKU	-	20.18970	0 ft	66	-
FIX	-	48.72530	0 m		
EGREN	-	20.37670	0 ft	112	-
FIX	-	46.73940	0 m		
WDR	-	20.50530	0 ft	86	WADI AL DAWASIR
VOR	-	45.20540	0 m		
DEBIK	-	20.22660	0 ft	79	-
FIX	-	43.81730	0 m		
GEPOS	-	20.05070	0 ft	48	-
FIX	-	42.97000	0 m		
SITIR	-	19.91530	0 ft	65	-
FIX	-	41.82040	0 m		
GODSA	-	20.21610	0 ft	66	-
FIX	-	40.67780	0 m		
AMBAL	-	20.41820	0 ft	25	-
FIX	-	40.27350	0 m		
OEJN	-	21.68280	0 ft	98	King Abdulaziz Intl
APT	-	39.15510	0 m		

WAAA

Region: INDONESIA
Timezone: ASIA/MAKASSAR
Runways: 2

Elevation: 44 ft / 13 m
Location: -5.070920 119.553000
Magnetic Var: 0.253 E

METAR

WAAA 200300Z 19004KT 9999 FEW019 32/24 Q1008 NOSIG

TAF

TAF WAAA 192300Z 2000/2106 15005KT 9999 SCT018 BECMG 2001/2003 30012KT

Frequencies

REC - 126.25 MHz - ATIS	GND - 121.60 MHz - HASANUDDIN GROUND
TWR - 118.10 MHz - SULTAN HASANUDDIN TOWER	TWR - 118.60 MHz - SULTAN HASANUDDIN TOWER
APP - 119.40 MHz - MAKASSAR DIRECT	APP - 120.60 MHz - MAKASSAR DIRECT
APP - 123.80 MHz - MAKASSAR RADAR	APP - 127.50 MHz - MAKASSAR RADAR

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
03	147 ft	10,213 ft	29.87	ASPHALT	0 ft	0 ft
	45 m	3,113 m	29.62		0 m	0 m
21	147 ft	10,213 ft	209.87	ASPHALT	0 ft	0 ft
	45 m	3,113 m	209.62		0 m	0 m
13	147 ft	8,206 ft	130.68	ASPHALT	0 ft	0 ft
	45 m	2,501 m	130.43		0 m	0 m
31	147 ft	8,206 ft	310.68	ASPHALT	0 ft	0 ft
	45 m	2,501 m	310.42		0 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
13	DME	IUPG	111.30 MHz	18 nm	-	-	36 ft
				33 km	-		36 m
31	DME	IMKS	111.30 MHz	18 nm	-	-	36 ft
				33 km	-		36 m
13	LOC-ILS	IUPG	111.30 MHz	18 nm	130.74	-	46 ft
				33 km	130.49		46 m
03	LOC-ILS	IUJP	110.50 MHz	18 nm	29.90	-	46 ft
				33 km	29.65		46 m
21	LOC-ILS	IMAK	110.10 MHz	18 nm	209.90	-	46 ft
				33 km	209.65		46 m
13	GS	IUPG	111.30 MHz	10 nm	130.74	2.90	46 ft
				19 km	130.49		46 m
03	GS	IUJP	110.50 MHz	10 nm	29.90	3.00	46 ft
				19 km	29.65		46 m
21	GS	IMAK	110.10 MHz	10 nm	209.90	3.00	46 ft
				19 km	209.65		46 m

OEJN

Region: SAUDI ARABIA
Timezone: ASIA/RIYADH
Runways: 3

Elevation: 49 ft / 15 m
Location: 21.682800 39.155100
Magnetic Var: 3.897 E

METAR

OEJN 200300Z 28003KT CAVOK 30/22 Q1005 NOSIG

TAF

TAF OEJN 192300Z 2000/2106 VRB03KT CAVOK BECMG 2006/2008 24012KT BECMG 2018/2020 VRB03KT

Frequencies

TWR - 118.20 MHz - JEDDAH TOWER
GND - 121.90 MHz - JEDDAH GROUND
REC - 126.20 MHz - JEDDAH ATIS
APP - 119.10 MHz - JEDDAH APPROACH
APP - 123.80 MHz - JEDDAH DIRECTOR

TWR - 124.30 MHz - JEDDAH TOWER
GND - 121.60 MHz - JEDDAH GROUND
DEP - 124.00 MHz - JEDDAH DEPARTURE
APP - 124.00 MHz - JEDDAH APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
16L	197 ft	13,170 ft	159.89	ASPHALT	0 ft	397 ft
	60 m	4,014 m	155.99		0 m	121 m
34R	197 ft	13,170 ft	339.89	ASPHALT	0 ft	397 ft
	60 m	4,014 m	336.00		0 m	121 m
16C	197 ft	13,168 ft	159.88	ASPHALT	0 ft	400 ft
	60 m	4,014 m	155.98		0 m	122 m
34C	197 ft	13,168 ft	339.88	ASPHALT	0 ft	400 ft
	60 m	4,014 m	335.99		0 m	122 m
16R	194 ft	12,511 ft	159.87	ASPHALT	0 ft	394 ft
	59 m	3,813 m	155.97		0 m	120 m
34L	194 ft	12,511 ft	339.87	ASPHALT	0 ft	390 ft
	59 m	3,813 m	335.97		0 m	119 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
16C	DME	IJDC	109.70 MHz	18 nm	-	-	20 ft
				33 km	-		20 m
16L	DME	IDFJ	108.50 MHz	18 nm	-	-	27 ft
				33 km	-		27 m
16R	DME	IJDD	109.30 MHz	18 nm	-	-	9 ft
				33 km	-		9 m
34C	DME	IJDW	109.50 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
34L	DME	IJDL	109.10 MHz	18 nm	-	-	11 ft
				33 km	-		11 m
34R	DME	IEAL	108.30 MHz	18 nm	-	-	41 ft
				33 km	-		41 m
16C	LOC-ILS	IJDC	109.70 MHz	18 nm	159.88	-	49 ft
				33 km	155.98		49 m
16L	LOC-ILS	IDFJ	108.50 MHz	18 nm	159.89	-	49 ft
				33 km	155.99		49 m
16R	LOC-ILS	IJDD	109.30 MHz	18 nm	159.87	-	49 ft

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
				33 km	155.97		49 m
34C	LOC-ILS	IJDW	109.50 MHz	18 nm	339.88	-	49 ft
				33 km	335.98		49 m
34L	LOC-ILS	IJDL	109.10 MHz	18 nm	339.87	-	49 ft
				33 km	335.97		49 m
34R	LOC-ILS	IEAL	108.30 MHz	18 nm	339.89	-	49 ft
				33 km	335.99		49 m
16C	GS	IJDC	109.70 MHz	10 nm	159.88	3.00	49 ft
				19 km	155.98		49 m
16L	GS	IDFJ	108.50 MHz	10 nm	159.89	3.00	49 ft
				19 km	155.99		49 m
16R	GS	IJDD	109.30 MHz	10 nm	159.87	3.00	49 ft
				19 km	155.97		49 m
34C	GS	IJDW	109.50 MHz	10 nm	339.88	3.00	49 ft
				19 km	335.98		49 m
34L	GS	IJDL	109.10 MHz	10 nm	339.87	3.00	49 ft
				19 km	335.97		49 m
34R	GS	IEAL	108.30 MHz	10 nm	339.89	3.00	49 ft
				19 km	335.99		49 m