WAAA - Ujung Pandang-celebes Island - Ujung Pandang Hasanuddin

Airport details

State	South Sulawesi
Country	Indonesia
Region	WA
Elevation	43ft (13m)
Timezone	GMT +8
Coordinates	-5.06083, 119.55444
Type	land
ICAO code	WAAA
IATA code	UPG
FAA code	n/a

Runway info

Runway 03 / 21	
length	3111m (10207ft)
bearing	30° / 210°
width	45m (148ft)
surface	asphalt
blast zone	60m (197ft) / 0m (0ft)
Runway 13 / 31	
length	2504m (8215ft)
bearing	131° / 311°
width	45m (148ft)
surface	asphalt
blast zone	61m (200ft) / 61m (200ft)

Communication

Ujung Pandang Hasanuddin ATIS	126.250
Ujung Pandang Hasanuddin ATIS	126.250
Ujung Pandang Hasanuddin ATIS	126.250
Ujung Pandang Hasanuddin ATIS	126.250
Ujung Pandang Hasanuddin Hasanuddin Ground	121.600
Ujung Pandang Hasanuddin Hasanuddin Ground	121.600
Ujung Pandang Hasanuddin Hasanuddin Ground	121.600
Ujung Pandang Hasanuddin Hasanuddin Ground	121.600
Ujung Pandang Hasanuddin TWR	118.100
Ujung Pandang Hasanuddin TWR	118.100

Ujung Pandang Hasanuddin TWR	118.100
Ujung Pandang Hasanuddin TWR	118.100
Ujung Pandang Hasanuddin UJUNG PANDANG APP	120.600
Ujung Pandang Hasanuddin UJUNG PANDANG APP	120.600
Ujung Pandang Hasanuddin UJUNG PANDANG APP	119.400
Ujung Pandang Hasanuddin UJUNG PANDANG APP	120.600
Ujung Pandang Hasanuddin UJUNG PANDANG APP	120.600
Ujung Pandang Hasanuddin UJUNG PANDANG APP	119.400
Ujung Pandang Hasanuddin UJUNG PANDANG APP	119.400
Ujung Pandang Hasanuddin UJUNG PANDANG APP	119.400

Approach frequencies

ILS-cat-I	21	110.1	18.00mi
ILS-cat-I	03	110.5	18.00mi
ILS-cat-I	13	111.3	18.00mi
3° GS	21	110.1	18.00mi
3° GS	03	110.5	18.00mi
2.9° GS	13	111.3	18.00mi

Nearby beacons

code	identifier	dist	bearing	frequency
MAK	MAKASSAR VOR/DME	0.9	56.1°	110
MKS	MAKASSAR VOR/DME	2.1	309.1°	114.70

Departure and arrival routes

Transition altitude	11000ft
Transition level	13000ft

SID end points		distance	outbound direction
RW03			
	VENR1F, VENR1A	150.4	39°
	KEND1E, KEND1A	204.4	59°
	LEKE1A, LEKE1F	148.7	71°
	SUGT1A, SUGT1F	148.4	80°
	EMON1E, EMON1A	279.1	93°
	NUKP1F, NUKP1A	147.9	121°
	NETO1F, NETO1A	148.3	143°

	LIPO1G, LIPO1A	150.6	230°
	ENDO1A, ENDO1G	148.9	251°
	BIMA1J	151.3	259°
	NUNL1A	151.4	267°
	KEVO1E, KEVO1A	279.4	279°
	GURN1A, GURN1E	152.3	295°
	GAMA1A, GAMA1G	160.1	325°
	NIVE1C, NIVE1A	152.6	341°
RW21			
	VENR1G, VENR1B	150.4	39°
	KEND1F, KEND1B	204.4	59°
	LEKE1B, LEKE1G	148.7	71°
	SUGT1B, SUGT1G	148.4	80°
	EMON1B, EMON1F	279.1	93°
	NUKP1G, NUKP1B	147.9	121°
	NETO1G, NETO1B	148.3	143°
	LIPO1H, LIPO1B	150.6	230°
	ENDO1B, ENDO1H	148.9	251°
	BIMA1E	151.3	259°
	NUNL1B	151.4	267°
	KEVO1F, KEVO1B	279.4	279°
	GURN1F, GURN1B	152.3	295°
	GAMA1B, GAMA1H	160.1	325°
	NIVE1D, NIVE1B	152.6	341°
RW31			
	VENR1E	150.4	39°
	LEKE1E	148.7	71°
	SUGT1E	148.4	80°
	NUKP1E	147.9	121°
	NETO1E	148.3	143°
	LIPO1E, LIPO1F	150.6	230°
	ENDO1F, ENDO1E	148.9	251°
	BIMA1C, BIMA1D	151.3	259°
	GAMA1F, GAMA1E	160.1	325°

STAR starting points		**distance**	**inbound direction**
RW03			
	LIPO1J, LIPO1C	150.6	50°
	ENDO1C, ENDO1J	148.9	71°
	BIMA1H, BIMA1A	151.3	79°
	KEVO1G, KEVO1C	279.4	99°
	GURN1C, GURN1G	152.3	115°
	GAMA1I, GAMA1C	160.1	145°
	NIVE1F	152.6	161°
	ZELD1C	157.4	167°
	VENR1I, VENR1C	150.4	219°
	KEND1C, KEND1G	204.4	239°
	LEKE1C, LEKE1I	148.7	251°

	SUGT1I, SUGT1C	148.4	260°
	EMON1G, EMON1C	279.1	273°
	NUKP1I, NUKP1C	147.9	301°
	NETO1H, NETO1C	148.3	323°
RW13			
	LIPO1L	150.6	50°
	ENDO1L	148.9	71°
	BIMA1F	151.3	79°
	NIVE1E	152.6	161°
	VENR1H	150.4	219°
	LEKE1H	148.7	251°
	SUGT1H	148.4	260°
	NUKP1H	147.9	301°
RW21			
	LIPO1D, LIPO1K	150.6	50°
	ENDO1D, ENDO1K	148.9	71°
	BIMA1I, BIMA1B	151.3	79°
	KEVO1H, KEVO1D	279.4	99°
	GURN1D, GURN1H	152.3	115°
	GAMA1D, GAMA1J	160.1	145°
	NIVE1G	152.6	161°
	ZELD1D	157.4	167°
	VENR1D, VENR1J	150.4	219°
	KEND1H, KEND1D	204.4	239°
	LEKE1J, LEKE1D	148.7	251°
	SUGT1D, SUGT1J	148.4	260°
	EMON1H, EMON1D	279.1	273°
	NUKP1D, NUKP1J	147.9	301°
	NETO1D, NETO1I	148.3	323°
RW31			
	LIPO1L	150.6	50°
	ENDO1L	148.9	71°
	BIMA1F	151.3	79°
	NIVE1E	152.6	161°
	VENR1H	150.4	219°
	LEKE1H	148.7	251°
	SUGT1H	148.4	260°
	NUKP1H	147.9	301°

Holding patterns

STAR name	hold at	type	turn	heading*	altitude	leg	speed limit
BIMA1A	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
BIMA1A	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
BIMA1B	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules

BIMA1B	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules
EMON1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules
EMON1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
EMON1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
EMON1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
ENDO1C	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
ENDO1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
ENDO1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
ENDO1D	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules
GAMA1C	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
GAMA1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
GAMA1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
GAMA1D	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules
GURN1C	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
GURN1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
GURN1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
GURN1D	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules
KEND1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules
KEND1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
KEND1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
KEND1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
KEVO1C	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
KEVO1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
KEVO1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
KEVO1D	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules
LEKE1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules

LEKE1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
LEKE1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
LEKE1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
LIPO1C	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
LIPO1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
LIPO1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
LIPO1D	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules
NETO1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules
NETO1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
NETO1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
NETO1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
NUKP1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules
NUKP1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
NUKP1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
NUKP1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
SUGT1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules
SUGT1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
SUGT1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
SUGT1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
VENR1C	ALVIA	VHF	left	87 (267)°	14000ft - 18000ft	1.0min timed	ICAO rules
VENR1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
VENR1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules
VENR1D	REAGA	VHF	right	137 (317)°	10000ft - 12000ft	1.0min timed	ICAO rules
ZELD1C	EMYRE	VHF	right	269 (89)°	13000ft - 14000ft	1.0min timed	ICAO rules
ZELD1C	OLVAS	VHF	left	209 (29)°	4000ft - 7000ft	1.0min timed	220
ZELD1D	ARAJA	VHF	right	10 (190)°	> 6000ft	1.0min timed	ICAO rules

ZELD1D	ARINA	VHF	right	266 (86)°	10000ft - 12000ft	1.0min timed	ICAO rules

*) magnetic outbound (inbound) holding course

Disclaimer

The information on this website is not for real aviation. Use this data with the X-Plane flight simulator only! Data taken with kind consent from X-Plane source code and data files. Content is subject to change without notice.

To be used with X-Plane simulation only