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## OPERATION OF AIRCRAFT

### SAFETY

#### OBSTACLES OF SIGNIFICANCE TO AIR NAVIGATION

A vertical line to the left of the text indicates a change.

1. This AIC replaces AIC 21.14 dated 2012-06-28
2. It is impossible for this Directorate to provide a complete list of radio masts, microwave towers and other high structures which are continually being erected over the whole country.
3. Pilots are warned that these structures constitute a potential danger to aircraft, particularly during marginal weather conditions and reduced visibility.
4. Where practicable structures higher than 165 feet AGL are conspicuously marked by day and night, but it must be noted that some are as yet unmarked.
5. Details regarding known structures which constitute potential hazards to aviation will be published in NOTAM, AIP and included in this AIC.
  - 5.1 Only structures higher than 165 feet AGL will be indicated.
  - 5.2 Structures higher than 300 feet AGL will be included until they appear on aeronautical charts, when they will be removed from this AIC.
  - 5.3 Structures which appear on the:
    - 5.3.1 1:1 000 000 aeronautical charts but not on the 1:500 000 aeronautical charts are marked thus \*;
    - 5.3.2 1:500 000 aeronautical charts but not on the 1:1 000 000 aeronautical charts are marked thus #.
6. Only obstacles 300 feet or higher above ground level are shown on aeronautical charts.
7. Obstacles within 5 NM radius of aerodromes are included in the Aerodrome directory of AIP Namibia.
8. Pilots attention is drawn to the fact that not all masts are indicated in this AIC. Therefore extreme caution should be taken during low flying.

## APPENDIX A:

## HAZARDOUS OBSTACLES

Place	Type	Position	Mast Height (FT)	Site ELEV (FT)	Top of mast AMSL (FT)	Remarks
Anfang	Guyed lattice mast	190158S 0172745E	262	3829	4091	Day markings
Aus	Guyed lattice mast	263919S 0161727E	262	5098	5360	Day markings
Aussenkehr	Lattice mast	282141S 0172526E	98.4	820	918.4	Day markings
Avis	Lattice mast	223451S 0170722E	32.8	5709	5742	Unpainted
Cham-Cham	Guyed lattice mast	182911S 0165950E	262	3645	3907	Day markings
Dorado Park	Camouflaged ana tree	223356S 0170342E	82	5472	5554	Unpainted
Eenhana	Radio mast	172800S 0162000E	296	6660	6956	Day markings
Erongo Mile 108	Radio mast	212633.4S 0134911.5E	170.04	287.76	457.8	Day and night markings
Eros Park	Camouflaged ana tree	223227S 0170540E	65.6	5446	5512	Unpainted
Gamans Training Centre	Tubular pole	223512S 0170425E	65.6	5486	5552	Day markings
Geluk	Guyed lattice mast	184659S 0171714E	262	3720	3982	Day markings
Grootfontein	Tubular pole	193428S 0180600E	82	4652	4734	Day markings
Gross Herzog	Microwave tower	224200S 0170300E	225	7260	7485	Day and night markings

Place	Type	Position	Mast Height (FT)	Site ELEV (FT)	Top of mast AMSL (FT)	Remarks
Hosea Kutako	Radio mast	222931S 0172729E	131	5640	5772	Day and night markings
Katima Mulilo	Guyed lattice mast	173845.9S 0240938E	263	3220	3483	Day and night markings
Katutura	Tubular pole	223110S 0170403E	82	5364	5446	Unpainted
Katwitwi	Lattice mast	172346S 0182443E	98.4	3763	3861	Day markings
Keetmanshoop	Microwave tower	263500S 0181800E	215	3270	3485	Day and night markings
Long Beach	Camouflaged palm tree	224858S 0143238E	65.6	59	124.6	Unpainted
Luderitz	Tubular pole	263809S 0150945E	82	59	141	Day markings
Mahenene	Radio mast	172600S 0144600E	197	3630	3827	Day markings
Mariental	Radio mast	243900S 0180145E	68	3870	3938	Day markings
Narib	Microwave tower	214325S 0194450E	190	3996	4186	Day markings
Naute Dam	Lattice mast	265443S 0175637E	98.4	2923	3021	Day markings
Ogongo	Radio mast	174000S 0151800E	197	3609	3806	Day markings
Okahandja	Microwave tower	214900S 0165500E	220	4400	4620	Day and night markings
Okatope	Radio mast	181100S 0161500E	296	3600	3896	Day markings

Place	Type	Position	Mast Height (FT)	Site ELEV (FT)	Top of mast AMSL (FT)	Remarks
Olukonda	Tubular pole	175859S 0160100E	82	3583	3665	Day markings
Ombalantu	Radio mast	173000S 0145800E	296	3625	3921	Day markings
Omungwelume	Tubular pole	173011S 0153804E	82	3625	3707	Day markings
Onathinge	Guyed lattice mast	175935S 0160913E	197	3609	3806	Day markings
Onayena	Tubular pole	175652S 0161203E	82	3609	3691	Day markings
Ondangwa Airport	Tubular pole	175331S 0155638E	82	3576	3658	Day markings
Ondangwa Town	Tubular pole	175447S 0155859E	82	3593	3675	Day markings
Ongwediva	Tubular pole	174650S 0154610E	82	3593	3675	Day markings
Oranjemund	Radio mast	283323.48395S 0162412.96614E	181	68	249	Day and night markings, Red and White
Oranjemund	Radio mast	283327.57008S 0162517.66054E	197	67	264	Day and night markings, Red and White
Oranjemund	Radio mast	283720.66016S 0162613.04100E	109	34	143	NIL
Oshakati	Radio mast	174600S 0154100E	296	3589	3885	Day markings
Oshakati	Tubular pole	174716S 0154203E	82	3589	3671	Day markings
Otjomuise Ext.3	Tubular pole	223332S 0170053E	82	5394	5476	Unpainted

Place	Type	Position	Mast Height (FT)	Site ELEV (FT)	Top of mast AMSL (FT)	Remarks
Rhino Park	Camouflaged ana tree	223240S 0170427	82	5420	5502	Unpainted
Rossing Mountains	Steel cable	223141S 0144959E	100	1480	1840	NIL day or night markings
Skorpion Mine	Lattice mast	275257S 0164057	32.8	2201	2234	Aircraft grey colour
Swakopmund	Camouflaged palm tree	223805S 0143154E	65.6	65.6	131	Unpainted
Swakopmund AD (8NM outside of AD)	Microwave TWR	223600S 0144120E	160	-	-	NIL
Tsumeb	Tubular pole	191504S 0174210E	82	4386	4468	Day markings
Windhoek/ Eros AD 2 NM NE	Television mast	223452S 0170628E	165	6102	6267	Day and night markings