

GEN 3.3 AIR TRAFFIC SERVICES

1. Responsible service

The Air Navigation Services Department of Namibia Civil Aviation Authority is the responsible authority for the provision of air traffic services within the area indicated under paragraph 2 below.

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- 1.1 The services are provided in accordance with the provisions contained in the following ICAO documents:
- Annex 2 - Rules of the air.
 - Annex 11 - Air traffic services
 - Doc 4444 - Procedures for air navigation services - Air Traffic Management (PANS-ATM).
 - Doc 8168 - Procedures for air navigation services - Aircraft operations (PANS-OPS).
 - Doc 7030 - Regional supplementary procedures.
- 1.2 Differences to these provisions are detailed in GEN 1.7.

2. Area of responsibility

- 2.1 Air traffic services are provided for the entire territory of Namibia including its territorial waters as well as the airspace over the high seas within the Windhoek FIR.
- 2.2 In some cases, in accordance with the regional air navigation agreement, air traffic services are provided, under the delegated authority, in the

airspace within another bordering FIR. Details of such services are provided in section ENR 2.

3. Types of service

- 3.1 The following types of services are provided:
- Aerodrome Control Service
 - Approach Control Service
 - Area Control Service
 - Flight Information Service (FIS)
 - Alerting Service (ALRS)
- 3.2 With the exception of services provided at military air bases, the following types of services are provided at aerodromes:
- Aerodrome Control (TWR).
 - Aerodrome Flight Information Service (AFIS); and
 - Automatic Terminal Information Service (ATIS), at certain aerodromes.
- 3.3 With exception to Caprivi Strip, oceanic and all the areas below TMA's, the following has been established:
- 3.3.1 The flight information centre providing flight information service.
- HRS of operation : 0500z to 1700z
 - Frequency :
129.6 MHz North and 123.8 MHz South
 - Callsign : Windhoek information
(from 1500ft/FL145)

4. Co-ordination between the operator and ATS

Co-ordination between the operator and air traffic services is effected in accordance with 2.15 of ICAO Annex 11).

5. Minimum flight altitude

- 5.1 The minimum flight altitudes on the ATS routes, as presented in section ENR 3, have been

determined so as to ensure at least 300 M vertical clearance above the highest obstacle within 4 KM on each side of the centre line of the route.

distance between the navigation aids, could result in an aircraft being more than 8 KM on either side of the centre line, the 18 KM protection limit is increased by the extent to which the divergence is more than 8 KM from the centre line.

5.2 However, where the angular divergence of the navigational air signal, in combination with the

6. ATS units address list

<i>Unit name</i>	<i>Postal address</i>	<i>Telephone NR</i>	<i>Telefax NR</i>	<i>Telex NR</i>	<i>AFS address</i>
1	2	3	4	5	6
Eros TWR	Private Bag 12003 Windhoek	+264 61 702090/1	+264 61 702099	N/A	FYWEZTZX
Katima TWR	NIL	+264 66 250202	NIL	N/A	FYKMZTZX
Luderitz TWR	NIL	+264 63 703590 +264 63 202228	+264 63 703599	N/A	FYLZZTZX
Ondangwa TWR	NIL	+264 65 703190	+264 65 703199	N/A	FYOAZTZX
Walvis Bay TWR	P O Box 2307 Walvis Bay	+264 64 702690/1	+264 64 702699	N/A	FYWBZTZX
Windhoek TWR	P O Box 1 Hosea Kutako Airport Namibia	+264 62 702490/3	+264 62 702499	N/A	FYWHZTZX
Windhoek APP Windhoek ACC Windhoek FIS	Private Bag 12003 Windhoek	+264 61 702290	NIL	N/A	FYNMZAAX FYNMFDPO FYWHFDPO