GEN 3.3 AIR TRAFFIC SERVICES

GEN 3.3.1 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 GEN 3.3.2 below.

Senior Manager: Air Traffic Services
Namibia Civil Aviation Authority
Private Bag 12003
Ausspannplatz
Windhoek

Telephone:	+264 61 702217
Cell:	+264 81 1277425
Telefax:	+264 61 702099
AFS:	FYHQYACL
Email:	sm-atm@ncaa.na

The services are provided in accordance with the provisions contained in the following ICAO documents:

Annex 2 — Rules of the Air

NAMCAR Part 172— 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

Differences to these provisions are detailed in GEN 1.7.

GEN 3.3.2 Area of responsibility

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.

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.

GEN 3.3.3 Types of service

The following types of services are provided:

- Aerodrome Control tower (TWR)
- Approach Control (APP)
- Area Control (ACC)
- Flight Information Service (FIS)
- Alerting Service (ALRS)

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.

With exception to Zambezi Zipfel, oceanic and all the areas below TMA's, the following has been established:

The flight information centre providing flight information service.

- HR of operation : 0500 to 1700
- Frequency : 129.6 MHz North and 123.8 MHz South
- Callsign : Windhoek formation (from1500ft/FL145)

GEN 3.3.4 Co-ordination between the operator and ATS

Co-ordination between the operator and air traffic services is effected in accordance with NAMCAR Part 172.

GEN 3.3.5 Minimum flight altitude

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

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

GEN 3.3.6 ATS units address list

Unit name	*Postal address*	*Telephone NR*	*Telefax NR*	*E-mail*	*AFS address*
1	**2**	**3**	**4**	**5**	**6**
Eros TWR	Private Bag 12003 Windhoek	+264 61 702090/1	+264 61 702099	fywezg@ncaa.na	FYWEZTZX
Katima TWR	NIL	+264 66 250202	NIL	fykmzg@ncaa.na	FYKMZTZX
Luderitz TWR	NIL	+264 63 703590/1 +264 63 202228	+264 63 703599	fylzzg@ncaa.na	FYLZZTZX
Ondangwa TWR	NIL	+264 65 703190	+264 65 703199	fyoazg@ncaa.na	FYOAZTZX
Walvis Bay TWR	P O Box 2307 Walvis Bay	+264 64 702690/1	+264 64 702699	fywbzg@ncaa.na	FYWBZTZX
Windhoek TWR	P O Box 1 Hosea Kutako Airport Namibia	+264 62 702490/3	+264 62 702499	fywhzg@ncaa.na	FYWHZTZX
Windhoek APP Windhoek ACC Windhoek FIS	Private Bag 12003 Windhoek	+264 61 702290	NIL	fywhzq@ncaa.na	FYWHZAZX FYWFFDPO FYWFFDPO