

ENR 1.4 ATS AIRSPACE CLASSIFICATION AND DESCRIPTION

ENR 1.4.1 A T S Airspace Classification

1. Introduction

The airspace in the Kathmandu FIR (VNSM) has been classified in accordance with appendix -4 of ICAO Annex – 11 and Respective chapter of CAR 11 (Civil Aviation Requirements for Air Traffic Services).

2. Classification of airspaces

Within the Kathmandu FIR, the airspaces are classified and designated in accordance with the following:

Class C: IFR and VFR flights are permitted, all flights are provided with air traffic control service, and IFR flights are separated from other IFR flights and from VFR flights. VFR flights are separated from IFR flights and receive traffic information in respect of other VFR flights

Class G: IFR and VFR flights are permitted and receive flight information service.

ATS airspaces within Kathmandu FIR (VNSM) are classified and designated as follows:

Class C airspace - within controlled airspaces (Airways, TMA, CTR)

Class G airspace - Outside controlled airspaces.

ENR 1.4.2 A T S Airspace Description

The requirements for the flight within each class of airspace are as shown in the following table.

Class	Type of Flight	Separation Provided	Service Provided	VMC visibility and distance from cloud minima	Speed limitation	Radio communication requirement	Subject to an ATC clearance
C	IFR	IFR from IFR IFR from VFR	Air traffic control service	Not applicable	Not applicable	Continuous two-way	Yes
	VFR	VFR from IFR	1) Air traffic control service for separation from IFR; 2) VFR/ VFR traffic information (and traffic avoidance advice on request)	8 km at and above 3050m (10000ft) AMSL 5 Km below 3050m (10000 FT) AMSL 1500 M horizontal; 300 M vertical distance from cloud	250 KT IAS below 3050 m (10000 FT) AMSL	Continuous two-way	Yes
G	IFR	Nil	Flight information service	Not applicable	250 KT IAS below 3050 m (10,000 ft.) AMSL	Continuous two-way	No
	VFR	Nil	Flight information Service	8Km at and above 3050 m (10000 ft.) AMSL 5 Km below 3050 m (10000 ft.) AMSL 1500 m horizontal; 300 m vertical distance from cloud. At and below 900 m (3000 ft.) AMSL or 300 m (1000 ft.) above terrain whichever is higher - 5 Km*, (1000 m for Helicopters) clear of cloud and in sight of ground or water	250 KT IAS below 3050 m (10000 ft) AMSL	Continuous two-way	No

* Helicopters may be permitted to operate in less than 1500 M flight visibility, if maneuvered at a speed that will give adequate opportunity to observe other traffic or any obstacles in time to avoid collision

Note.– Classes of airspace A,B,D,E and F are not used in Kathmandu FIR