

## ENR 1.4 ATS AIRSPACE CLASSIFICATION

### 1. CLASSIFICATION OF AIRSPACE

#### 1.1 ATS airspace classification for Brunei within Kota Kinabalu FIR.

Airspace classification have been applied in conformity with ICAO Standards and Recommended Practices, except that:

- i) **Two-way communication is required also for VFR operating in Class G airspace**
- ii) **VFR flights shall not operate above FL150 in controlled airspace**
- iii) **VFR flights shall no operate above FL 250 in uncontrolled airspace**

#### 1.2 ATS airspace are classified and designated in accordance with the following:

Airspace	Levels	Classification
FIR (include ATS routes)	FL 460 FL 250	A
ATS routes and TMAs	FL 250 FL 150	A
	FL 150 10 000FT ALT	B
	10 000FT ALT LOWER LIMIT	C
CTRs and ATZs	UPPER LIMIT GND/SEA	C
Uncontrolled Airspace	Below FL 250	G

*Class A* - IFR flights only are permitted; all flights are subject to air traffic control service and are separated from each other.

*Class B* - IFR and VFR flights are permitted; all flights are subject to air traffic control service and are separated from each other.

*Class C* - IFR and VFR flights are permitted, all flights are subject to air traffic control service and IFR flights are separated from other IFR flights and from VFR. VFR flights are separated from IFR flights and receive traffic information in respect of other VFR flights.

*Class G* - IFR and VFR are permitted and receive flight information service if requested.

**Note:** Where A TS airspace adjoin vertically, i.e. one above the other, flight at a common level would comply with requirements of, and be given service applicable to, the less restrictive class of airspace. Example: Class B airspace shall be considered less restrictive than Class A airspace.

**2. REQUIREMENT FOR FLIGHTS**

2.1 The requirement for the flights within each class of airspace are shown below:-

Class	Type of Flights	Separation Provided	Service Provided	VMC Visibility and Distance from Cloud Minima	Speed Limitation	Radio Communication Requirement	ATC Clearance
A	IFR only	All aircraft	Air Traffic Control Service	Not applicable	Not applicable	Continuous two-way	Yes
B	IFR	All aircraft	Air Traffic Control Service	Not applicable	Not applicable	Continuous two-way	Yes
	VFR	All aircraft	Air Traffic Control Service	8 KM and above 1000FT AMSL, 5 KM below 10000 FT AMSL Clear of clouds.	Not applicable	Continuous two-way	Yes
C	IFR	IFR fm IFR IFR fm VFR	Air Traffic Control service	Not applicable	Not applicable	Continuous two-way	Yes
	VFR	VFR fm IFR	1) Air Traffic Control service for separation fm IFR. 2) VFR/VFR traffic information (and traffic avoidance advice on request	8 KM and above 10000FT AMSL, 5 KM below 10000 FT AMSL, 1500 M horizontal: and 1000FT vertical distance from cloud	250 KT IAS below 10000FT AMSL	Continuous two-way	Yes
G	IFR	Nil	Flight Information Service	Not applicable	250 KT IAS below 10000FT AMSL	Continuous two-way	No
	VFR	Nil	Flight Information Service	8 KM and above 10000FT AMSL, 5 KM below 10000 FT AMSL, 1500 M horizontal: and 1000FT vertical distance fm cloud. At and below 3000 FT AMSL. 5 KM clear of cloud and in sight of ground or water	250 KT IAS below 10000FT AMSL	Continuous two-way	No