

## ENR 1.4 ATS AIRSPACE CLASSIFICATION

### 1. Classification of airspaces

ATS airspaces are classified and designated in accordance with the following:

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

→ Continuous air - ground voice communications are required for all flights. All flights shall be subject to ATC clearance.

→ **Class B.** IFR and VFR flights are permitted. All flights are provided with air traffic control service and are separated from each other. Continuous air - ground voice communications are required for all flights. All flights shall be subject to ATC clearance.

**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 and traffic avoidance advice on request. Continuous air-ground voice communications are required for all flights. For VFR flights a speed limitation of 250 kts indicated airspeed (IAS) applies below 3 050 m (10 000 ft) AMSL, except where approved by the CAO.IRI. For aircraft types, which for technical or safety reasons, cannot maintain this speed. All flights shall be subject to ATC clearance.

**Class D.** IFR and VFR flights are permitted and all flights are provided with air traffic control service, IFR flights are separated from other IFR flights and receive traffic information in respect of VFR flights, VFR flights receive traffic information in respect of all other flights and traffic avoidance advice on request. Continuous air-ground voice communications are required for all flights and a speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the CAO.IRI. For aircraft types, which for technical or safety reasons, cannot maintain this speed. All flights shall be subject to ATC clearance.

→ **Class E.** IFR and VFR flights are permitted. IFR flights are provided with air traffic control service and are separated from other IFR flights. All flights receive traffic information, as far as is practical. Continuous air-ground voice communications are required for all flights. A speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the CAO.IRI. For aircraft types, which for technical or safety reasons cannot maintain this speed. All IFR flights

shall be subject to ATC clearance. Class E shall not be used for control zones.

→ **Class F.** IFR and VFR flights are permitted. All participating IFR flights receive an air traffic advisory service and all flights receive flight information service if requested. Continuous air-ground voice communications are required for all flights. A speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the CAO.IRI for aircraft types, which for technical or safety reasons cannot maintain this speed. ATC clearance is not required.

**Class G.** IFR and VFR flights are permitted and receive flight information service if requested. Continuous air-ground voice communications are required for all flights. A speed limitation of 250 kts IAS applies to all flights below 3 050 m (10 000 ft) AMSL, except where approved by the CAO.IRI. For aircraft types, which for technical or safety reasons cannot maintain this speed. ATC clearance is not required.

→ **Note:** The classes B, E and F airspaces are reserved for designation of new ATS airspaces in Tehran FIR.

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

Class	Type of flight	Separation provided	Service provided	Speed limitation*	Radio communication requirement	Subject to an ATC clearance
A	IFR only	All aircraft	Air traffic control service	Not applicable	Yes	Yes
B	IFR	All aircraft	Air traffic control service	Not applicable	Yes	Yes
	VFR	All aircraft	Air traffic control service	Not applicable	Yes	Yes
C	IFR	IFR from IFR IFR from VFR	Air traffic control service	Not applicable	Yes	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)	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	Yes
D	IFR	IFR from IFR	Air traffic control service, traffic information about VFR flights (and traffic avoidance advice on request)	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	Yes
	VFR	Nil	IFR/VFR and VFR/VFR traffic information (and traffic avoidance advice on request)	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	Yes
E	IFR	IFR from IFR	Air traffic control service and, as far as practical, traffic information about VFR flights	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	Yes
	VFR	Nil	Traffic information as far as practical	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	No
F	IFR	IFR from IFR as far as practical	Air traffic advisory service; flight information service if requested	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	No
	VFR	Nil	Flight information service if requested	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	No
G	IFR	Nil	Flight information service if requested	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	No
	VFR	Nil	Flight information service if requested	250 kts IAS below 3 050 m (10 000 ft) AMSL	Yes	No

\* When the height of the transition altitude is lower than 3 050 m (10 000 ft) AMSL, FL 100 should be used in lieu of 10 000 ft.

**2. ATS Airspace classification within Tehran FIR**

a) Airways above FL 200 are class A, at FL 200 and below are class D.

*Note:* Those portions of airways within TMAs and CTRs have the same classification as TMAs and CTRs.

b) CTAs above FL 200 are class A, at FL 200 and below are class D.

c) TMAs above FL 200 are class A, at FL 200 and below are class C.

d) CTRs above FL 200 are class A, at FL 200 and below are class D.

e) ATZs are either class D or G as specified in AIP part 3 AD.

*Note:* Some ATZs are Military.

f) Airspaces outside of airways, TMAs and CTRs are class G.

g) Airspaces classes of B, E and F are not defined in TEHRAN FIR.

h) Military Traffic Zone (MTZ): Military airspace

*Note: Military Traffic Zone (MTZ) is an airspace of defined dimensions around a military aerodrome within which responsibility assigned to military ATS unit for the purpose of air traffic service to military and authorized civil traffic.*

