OBJECTIVES

In accordance with FAR, Parts 71 and 73, ATC Orders 7110.65 and 7400.2, and the AIM, identify:

1. Classes of airspace
   - Primary uses of each class of airspace
   - Basic Rules for Operation within each airspace

2. Special Use Airspace
   - Types and purposes
ALL AIRCRAFT – ALL THE TIME – ALL AIRSPACE
SEE AND AVOID

CLASS E
Above FL 600 to Infinity

ATC controls ALL Aircraft – VFR flights allowed
Usually Radar Environment, can be Non-Radar

FL 600
18,000 MSL

CLASS A
ALL IFR

ATC controls ALL Aircraft – IFR only – No VFR flights allowed
Usually Radar Environment, but can be Non-Radar

CLASS E - SFC to 17,999 feet

ATC controls & separates all IFR Aircraft
VFR Aircraft – See-Avoid
Radar Environment in higher altitudes,
Non-Radar in lower altitudes

14,500 MSL

CLASS G
G Airport
No Tower
No ATC

D Airport
Tower
ATC Controls All IFR & Controls VFR In D Airspace

CLASS G

C Airport
TRACON & Tower
ATC Controls All IFR & Separates VFR from IFR In C Airspace

CLASS G

B Airport
TRACON & Tower
ATC Controls & Separates All Aircraft In B Airspace

CLASS B
Radar Environment

1,500 AGL

CLASS C
Radar Environment

1,200 AGL

CLASS D

700 AGL

CLASS G

E Airport
No Tower
ATC Controls IFR from Surface up to A Airspace

G Airport
No Tower
No ATC

CLASS E
Above FL 600 to Infinity

14,500 MSL

CLASS G

D Airport
Tower
ATC Controls All IFR & Controls VFR In D Airspace

CLASS G

C Airport
TRACON & Tower
ATC Controls All IFR & Separates VFR from IFR In C Airspace

CLASS G

B Airport
TRACON & Tower
ATC Controls & Separates All Aircraft In B Airspace

CLASS B
Radar Environment

1,500 AGL

CLASS C
Radar Environment

1,200 AGL

CLASS D

700 AGL

CLASS G

E Airport
No Tower
ATC Controls IFR from Surface up to A Airspace

G Airport
No Tower
No ATC
CLASS G AIRSPACE

(CLASS G EXTENDING UP TO 14,500 MSL)

1,200 AGL

700 AGL

CLASS G
Class G Airspace

Uncontrolled Airspace (<< KEY POINT)

1. Altitudes
   – Below 700 feet AGL/1200 feet AGL/1500 feet AGL (depends on where you are)
   – Up to - but not including - 14,500 feet

2. VFR Visibility & Cloud Clearance Requirements
   – 1 Statute Mile
   – Clear of Clouds
CLASS E AIRSPACE

UPTO 17,999

CLASS E

Starts at SURFACE or Top of G Airspace
Class E Airspace

Controlled Airspace

1. Altitudes
   - From SURFACE – OR - Above 700 feet AGL/1200 feet AGL/1500 feet AGL (depends on where you are)
   - Up to 17,999 feet MSL

2. VFR Visibility & Cloud Clearance Requirements
   - Below 10,000 * 3-152s *
   - 10,000 and above * F-111 *
Class D Airspace

Controlled Airspace

1. Altitudes
   - Surface to 2500 AGL

2. VFR Visibility & Cloud Clearance Requirements
   - Below 10,000 * 3-152s *
   - 10,000 and above * F-111 *
Class C Airspace

Controlled Airspace

1. Altitudes
   – Surface to 4000 AGL

2. VFR Visibility & Cloud Clearance Requirements
   – Below 10,000 * 3-152s *
   – 10,000 and above * F-111 *
CLASS B AIRSPACE

10,000 MSL

CLASS B
Class B Airspace

Controlled Airspace

1. Altitudes
   - Surface to 10,000 AGL (Usually – Can Vary)

2. VFR Visibility & Cloud Clearance Requirements
   - Below 10,000 * 3 SM – Clear of Clouds*
   - 10,000 & above * 5 SM – Clear of Clouds*
CLASS A AIRSPACE

Class A
18,000 MSL - FL600
ALL AIRCRAFT – ALL THE TIME – ALL AIRSPACE
SEE AND AVOID

CLASS E
Above FL 600 to Infinity

ATC controls ALL Aircraft – VFR flights allowed
Usually Radar Environment, can be Non-Radar

CLASS E
Above FL 600 to Infinity

FL 600
18,000 MSL

CLASS A
ALL IFR

ATC controls ALL Aircraft – IFR only – No VFR flights allowed
Usually Radar Environment, but can be Non-Radar

CLASS E - SFC to 17,999 feet

14,500 MSL

CLASS G
G Airport
No Tower
No ATC

ATC controls & separates all IFR Aircraft
VFR Aircraft – See-Avoid
Radar Environment in higher altitudes,
Non-Radar in lower altitudes

CLASS D
D Airport
Tower
ATC Controls All IFR & Controls VFR In D Airspace

CLASS C
C Airport
TRACON & Tower
ATC Controls All IFR & Separates VFR from IFR In C Airspace

CLASS B
B Airport
TRACON & Tower
ATC Controls & Separates All Aircraft In B Airspace

ALL AIRCRAFT – ALL THE TIME – ALL AIRSPACE
SEE AND AVOID

ATB9-3
Class A Airspace

Controlled Airspace

1. Altitudes – FL 180 to FL 600
2. **NO VFR**
3. IFR - Jet Routes (FL 180 to FL 450*)
   - Direct Routes – GPS Routes – ALL Alts
   * Cabin Pressurization normally precludes flight above FL 450
SPECIAL USE AIRSPACE

- Defined dimensions
- Activities confined
- Limitations imposed on nonusers
PROHIBITED AREA

The White House
RESTRICTED AREA
WARNING AREA

3 MILES

Warning Area
CONTROLLED FIRING AREA

Controlled Firing Area
MILITARY OPERATIONS AREA
Jet routes are included in what type of airspace?

A. Class A
B. Class B
C. Class C
Jet routes are from what altitude to what higher altitude?

A. FL 180 to FL 450
B. FL 180 to FL 600
C. Below 18,000 Feet
The airspace that generally extends from the surface to 10,000 feet MSL and surrounds a busy airport is designated as Class ________ Airspace.

A. A

B. B

C. C
RESPONSE ITEM

The authority and responsibility for flying in Class G Airspace belongs to the

A. pilot.
B. military.
C. air traffic controller.
The Special Use Airspace that overlies an aerial gunnery range located over land is called a _______ Area.

A. Prohibited
B. Restricted
C. Warning
What type of Special Use Airspace is found over international waters?

A. Prohibited Area
B. Controlled Firing Area
C. Warning Area
RESPONSE ITEM

Prohibited Area vertical airspace begins at

A. 3,000 feet.
B. the surface of the Earth.
C. 1,500 feet.
In what type of airspace would a high volume Military pilot training take place?

A. Restricted Area
B. Controlled Firing Area
C. Alert Area (MOA)
ALL AIRCRAFT – ALL THE TIME – ALL AIRSPACE
SEE AND AVOID

CLASS E
Above FL 600 to Infinity

ATC controls ALL Aircraft – VFR flights allowed
Usually Radar Environment, can be Non-Radar

CLASS E
Above FL 600 to Infinity

FL 600
18,000 MSL

CLASS A
ALL IFR

ATC controls ALL Aircraft – IFR only – No VFR flights allowed
Usually Radar Environment, but can be Non-Radar

CLASS E - SFC to 17,999 feet

ATC controls & separates all IFR Aircraft
VFR Aircraft – See-Avoid
Radar Environment in higher altitudes,
Non-Radar in lower altitudes

14,500 MSL

CLASS G

G Airport
No Tower
No ATC

D Airport
Tower
ATC Controls All IFR & Controls VFR
In D Airspace

CLASS D

CLASS G

C Airport
TRACON & Tower
ATC Controls All IFR & Separates VFR from IFR
In C Airspace

CLASS C
Radar Environment

CLASS B
Radar Environment

B Airport
TRACON & Tower
ATC Controls & Separates All Aircraft in B Airspace

1,500 AGL

700 AGL

1,200 AGL
The End