

Helicopter Airspace (91.155)

No VFR traffic within lateral boundaries of controlled airspace to the surface in weather less than 3 sm and 1,000' ceilings, unless SVFR.						
Class	Cloud clearance & visibility	Entry Req.	Equipment Req.	Pilot Cert.	General Dimensions	Aircraft Separation
A	N/A; IFR only	IFR clearance	IFR Equip., Mode C Transponder	Instrument	18,000' MSL	Sequencing and separation from other aircraft.
B	3 sm; Clear of clouds	ATC clearance	Radio, Mode C Transponder	Private; Student w/ endorsement	Surface-10,000' MSL; Custom tailored; 30nm Mode C veil	Sequencing and separation from other aircraft.
C	<u>3-152</u>	Two-way Com.	Radio, Mode C Transponder	Student	Core: Surface-4,000' AGL Outer: 1,200'-4,000' AGL	Separation services provided.
D	<u>3-152</u>	Two-way Com.	Radio	Student	Surface-2,500' AGL	No separation services to VFR aircraft.
E	Below 10,000' MSL <u>3-152</u> Above 10,000' MSL <u>5-111</u>	None	None	Student	14,500' MSL - 18,000' MSL, unless depicted lower (Surface; 700' AGL; 1,200' AGL; custom)	No separation services to VFR aircraft.
G	Below 1,200' AGL (regardless of MSL altitude) 1/2 sm day; 1 sm night*** Clear of clouds	None	None	Student	Airspace that hasn't been designated as controlled airspace.	No separation services to VFR aircraft
	Above 1,200' AGL 1 sm-152 day; <u>3-152</u> night					
	Above 10,000' MSL <u>5-111</u>					
<u>3-152</u> : 3 sm visibility; 1,000' Above; 500' Below; 2,000' Horizontal.				<u>5-111</u> : 5 sm visibility, 1,000' above; 1,000' below, 1 sm horizontal.		
***or 1/2 sm visibility within 1/2 nm of runway or helipad (day or night)				SVFR for Helicopters (91.157): ATC clearance, clear of clouds		

Transponder Requirements (91.215)

Above 10,000' MSL, excluding airspace below 2,500' AGL

In and above Class B and Class C

Within 30 nm of a Class B (**Mode C Veil**)

Special Use Airspace (See FAR 73, 91, AIM 3-4 and 3-5)			
No Clearance Required		Clearance Required	
Type	Hazards/Notes	Type	Hazards/Notes
MOA	- Military Operations Area - IFR— Separation from military traffic; VFR— caution/contact FSS - Charted on sectional charts	Restricted	- Aerial Hazards (artillery firing, aerial gunnery, guided missiles) - Charted on sectional charts
Warning Area	- Hazardous Activity - Charted on sectional charts; extends from 3 nm on coast outward	Prohibited	- Aerial Hazards - Cannot obtain a clearance, flight is prohibited - Charted on sectional charts
Alert Area	- High volume of pilot training or unusual aerial activity - Charted on sectional charts, maintain vigilance	TFR	- Temporary Flight Restriction - Fires, accidents, VIP movement, space operations - Check NOTAMs and use Flight Following - Not charted on sectional charts
MTR	- Military Training Route (High Speed Military Activity) - Charted on sectional charts - IR- IFR; VR- VFR - Below 1,500' AGL: four number ID (e.g. IR1206, VR1207) - Above 1,500' AGL: three number ID (e.g. IR206, VR207)		
CFA	- Controlled Firing Area (Aerial Gunfire) - Activities suspended immediately when spotter aircraft, radar, or ground lookout positions indicate an aircraft approaching area - Not charted on sectional charts		
TRSA	- Terminal Radar Service Area; Voluntary; Separation between VFR and IFR - Charted on sectional charts		

ATC/Ground Facilities (Pilot/Controller Glossary; AIM, PHAK)	
Facility	Primary Responsibility
ARTCC (Air Route Traffic Control Center)	ATC services to IFR traffic primarily during en route phase, advisory/assistance services may be provided to VFR (workload permitting)
Approach/Departure Control	ATC services to arriving and departing VFR/IFR aircraft (normally found at larger, busier airports)
Tower	ATC services to aircraft in vicinity of an airport; provides authorization for takeoff and landing
Ground Control	Responsible for controlling aircraft taxiing to and from runways and ground movement
Clearance Delivery	Responsible for transmitting departure clearances to IFR flights, and some VFR flights (found at busier airports)
FSS	Pilot briefings, flight plan processing, en route radio communications, search and rescue services, NOTAMs, relay ATC clearances
UNICOM	Nongovernment communication facility which may provide airport information at certain airports

CTAF	Used by pilots at uncontrolled airports to self-announce position.
------	--