

# Pilot Communications Lights and Runways

TEST PREP

1

After landing at a tower-controlled airport, when should the pilot contact ground control?

- a. After reaching a taxiway that leads directly to the parking area.
- b. Prior to turning off the runway.
- c. When advised by the tower to do so.

2

From whom should a departing VFR aircraft request radar traffic information during ground operations?

- a. Ground control, on initial contact.
- b. Clearance delivery.
- c. Tower, just before takeoff.

3

Unless otherwise authorized, two-way radio communications with Air Traffic Control are required for landings or takeoffs

- a. at all tower controlled airports only when weather conditions are less than VFR.
- b. at all tower controlled airports regardless of weather conditions.
- c. at all tower controlled airports within Class D airspace only when weather conditions are less than VFR.

4

Inbound to an airport with no tower, FSS, or UNICOM in operation, a pilot should self-announce on MULTICOM frequency

- a. 10 miles out.
- b. 20 miles out.
- c. 5 miles out.

5

What action, if any, is appropriate if the pilot deviates from an ATC instruction during an emergency and is given priority?

- a. File a report to the FAA Administrator, as soon as possible.
- b. Take no special action since you are pilot in command.
- c. File a detailed report within 48 hours to the chief of the appropriate ATC facility, if requested.

6

When flying HAWK N666CB, the proper phraseology for initial contact with McAlester AFSS is

- a. 'MC ALESTER FLIGHT SERVICE STATION, HAWK NOVEMBER SIX CHARLIE BRAVO, RECEIVING ARDMORE VORTAC, OVER.'
- b. 'MC ALESTER STATION, HAWK SIX SIX SIX CEE BEE, RECEIVING ARDMORE VORTAC, OVER.'
- c. 'MC ALESTER RADIO, HAWK SIX SIX SIX CHARLIE BRAVO, RECEIVING ARDMORE VORTAC, OVER.'

7

The correct method of stating 5,500 feet MSL to ATC is:

- a. 'FIVE POINT FIVE'.
- b. 'FIFTY-FIVE HUNDRED FEET MSL'.
- c. 'FIVE THOUSAND FIVE HUNDRED'.

8

How should you set the transponder after an engine failure in flight?

- a. 7600
- b. 7700
- c. 7500

9

While on final approach for landing, an alternating green and red light followed by a flashing red light is received from the control tower. Under these circumstances, the pilot should

- a. discontinue the approach, fly the same traffic pattern and approach again, and land.
- b. exercise extreme caution and abandon the approach, realizing the airport is unsafe for landing.
- c. abandon the approach, circle the airport to the right, and expect a flashing white light when the airport is safe for landing.

10

An ATC clearance provides

- a. priority over all other traffic.
- b. authorization to proceed under specified traffic conditions in controlled airspace.
- c. adequate separation from all traffic.

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An ATC radar facility issues the following advisory to a pilot flying on a heading of 090°:

'TRAFFIC 3 O'CLOCK, 2 MILES, WESTBOUND...'

Where should the pilot look for this traffic?

- a. South.
- b. West.
- c. East.

12

When making routine transponder code changes, pilots should avoid inadvertent selection of which code?

- a. 7600.
- b. 7400.
- c. 7200.

13

What does a steady green light signal from an ATC control tower mean when in flight?

- a. Cleared to land
- b. Return for landing
- c. Cleared to enter the controlled airspace

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The correct method of stating 10,500 feet MSL to ATC is

- a. 'TEN POINT FIVE.'
- b. 'ONE ZERO THOUSAND, FIVE HUNDRED.'
- c. 'TEN THOUSAND, FIVE HUNDRED FEET.'

15

If the control tower uses a light signal to direct a pilot to give way to other aircraft and continue circling, the light will be

- a. flashing red.
- b. alternating red and green.
- c. steady red.

16

When should pilots state their position on the airport when calling the tower for takeoff?

- a. When parallel runways are in use.
- b. When departing from a runway intersection.
- c. When visibility is less than 1 mile.

17

Inbound to an airport with no tower, FSS, or UNICOM in operation, a pilot should self-announce on MULTICOM frequency

- a. 122.7.
- b. 122.9.
- c. 123.0.

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The correct method of stating 4,500 feet MSL to ATC is

- a. 'FOUR POINT FIVE.'
- b. 'FOUR THOUSAND FIVE HUNDRED.'
- c. 'FORTY-FIVE HUNDRED FEET MSL.'

19

When making routine transponder code changes, pilots should avoid inadvertent selection of which code?

- a. 7200.
- b. 7000.
- c. 7500.

20

Some nontowered airports have a Remote Communications Outlet (RCO) enabling you to:

- a. Substitute this frequency for the usual UNICOM frequency.
- b. Contact the airport's personnel.
- c. Contact ATC over the VOR.

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If faced with an emergency where Air Traffic Control (ATC) assistance is desired and not already in contact, which frequency can be used to establish communications?

- a. 122.5 MHz.
- b. 121.5 MHz.
- c. 128.725 MHz.

22

As you approach your destination airport in Class B airspace after a long cross-country flight, you learn that the airport is unexpectedly closed. While diverting to an alternate airport, you calculate that you will land with just a few gallons of fuel in the tank. What should you tell ATC?

- a. No need to make a report to ATC
- b. Declare an emergency
- c. Minimum fuel

23

What does a steady red light signal from an ATC control tower mean when in flight?

- a. Exercise extreme caution
- b. Airport unsafe, do not land
- c. Give way and continue circling

24

When making routine transponder code changes, pilots should avoid inadvertent selection of which code?

- a. 4000.
- b. 7200.
- c. 7500.

25

Under what circumstances might an airport beacon be in operation during the day at an airport with an air traffic control tower?

- a. When ground visibility is less than 3 miles and/or the ceiling is less than 1,000 feet.
- b. The airport beacon only operates between sunrise and sunset and never during daylight hours.
- c. When at least one runway is closed.

26

You're flying in Class C airspace and the controller says, "radar service is terminated". What should the transponder be set to?

- a. Code 4096.
- b. Code 0000.
- c. Code 1200.

27

FAA advisory circulars containing subject matter specifically related to Air Traffic Control and General Operations are issued under which subject number?

- a. 60.
- b. 90.
- c. 70.

28

While approaching to land, the pilot had to perform evasive maneuvers to avoid a near midair collision (NMAC). The pilot and flight crew members should report this incident immediately:

- a. By radio or telephone to the nearest FAA ATC facility or FSS.
- b. to the local law enforcements.
- c. By filing an ASRS report.

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If Air Traffic Control advises that radar service is terminated when the pilot is departing Class C airspace, the transponder should be set to code

- a. 0000.
- b. 4096.
- c. 1200.

30

Which initial action should a pilot take prior to entering Class C airspace?

- a. Contact the FSS for traffic advisories.
- b. Contact approach control on the appropriate frequency.
- c. Contact the tower and request permission to enter.

31

If the aircraft's radio fails, what is the recommended procedure when landing at a controlled airport?

- a. Enter a crosswind leg and rock the wings.
- b. Observe the traffic flow, enter the pattern, and look for a light signal from the tower.
- c. Flash the landing lights and cycle the landing gear while circling the airport.

32

How will ATC respond when you declare "Minimum Fuel" status?

- a. They will be alert for any occurrence which might delay the aircraft.
- b. They will guarantee priority handling.
- c. They will declare an emergency.

33

Why is it a good idea to file a VFR flight plan with FSS?

- a. To provide traffic reports with Flight Service.
- b. You are required to do so when flying beyond 25 NM from an airport.
- c. To provide search and rescue in the event of an emergency.



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How should a VFR flight plan be closed at the completion of the flight at a controlled airport?

- a. The pilot must close the flight plan with the nearest FSS or other FAA facility upon landing.
- b. The tower will relay the instructions to the nearest FSS when the aircraft contacts the tower for landing.
- c. The tower will automatically close the flight plan when the aircraft turns off the runway.

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When operating under VFR below 18,000 feet MSL, unless otherwise authorized, what transponder code should be selected?

- a. 1200.
- b. 7700.
- c. 7600.

36

What ATC facility should the pilot contact to receive a special VFR departure clearance in Class D airspace?

- a. Automated Flight Service Station.
- b. Air Route Traffic Control Center.
- c. Air Traffic Control Tower.

37

How will ATC interpret a call from a pilot stating "Minimum Fuel"?

- a. Mayday
- b. Emergency
- c. Advisory

38

What can you expect in the line of services from a Flight Service Station (FSS)?

- a. Clearance to taxi for takeoff.
- b. Fuel pricing.
- c. Assistance during an emergency.

39

When should a pilot contact the tower of a Class C airport when departing from a satellite airport underlying the Class C?

- a. After departure, when practical.
- b. On the ground before departure.
- c. You should remain on the CTAF for the departure airport.

40

To set the high intensity runway lights on medium intensity, the pilot should click the microphone seven times, and then click it

- a. three times within three seconds.
- b. one time within four seconds.
- c. five times within five seconds.

41

When making routine transponder code changes, pilots should avoid inadvertent selection of which codes?

- a. 7500, 7600, 7700.
- b. 0700, 1700, 7000.
- c. 1200, 1500, 7000.

42

When would a pilot be required to submit a detailed report of an emergency which caused the pilot to deviate from an ATC clearance?

- a. Within 7 days.
- b. Within 48 hours if requested by ATC.
- c. Immediately.

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While inbound to a nontowered airport without automated weather services, you listen to the CTAF and hear no other aircraft on the frequency. How can you determine the winds and active runway?

- a. Fly a straight-in final approach and scan for other traffic.
- b. Call the nearest ATC approach or Center facility.
- c. Call on the CTAF and request an Airport Advisory.

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When approaching a nontowered airport, when should you make your first position call?

- a. 10 NM from the airport.
- b. 15 NM from the airport.
- c. 20 NM from the airport.