Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Steady green light, in flight?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Cleared to land.

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Steady green light, on the ground?

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Signals
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ANSWER

Cleared for take-off.

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Signals
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QUESTION

Steady red light, in flight?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Give way to other aircraft and continue circling.

Table AP 1-1

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Steady red light, on the ground?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Stop.

Table AP 1-1

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Signals
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QUESTION

Series of green flashes, in flight?

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Signals
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ANSWER

Return for landing. The landing clearance follows later.

Table AP 1-1 and footnote 1

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Signals
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QUESTION

Series of green flashes, on the ground?

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Signals
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ANSWER

Cleared to taxi.

Table AP 1-1 and footnote 1

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Signals
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QUESTION

Series of red flashes, in flight?

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ANSWER

The aerodrome is unsafe. Do not land.

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Signals
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QUESTION

Series of red flashes, on the ground?

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Signals
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ANSWER

Taxi clear of the landing area in use.

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Signals
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QUESTION

Series of white flashes, in flight?

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ANSWER

Land at this aerodrome and proceed to the apron.

Table AP 1-1 and footnote 2

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Signals
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QUESTION

Series of white flashes, on the ground?

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Signals
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ANSWER

Return to the starting point on the aerodrome.

Table AP 1-1 and footnote 2

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Signals
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QUESTION

Red pyrotechnic to an aircraft in flight?

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Signals
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ANSWER

Do not land for the time being.

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Signals
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QUESTION

How does an aircraft in flight acknowledge a light signal by day?

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Signals
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ANSWER

Rock its wings, except on the base and final legs of the approach.

SERA App. 1, 3.1.2(a)

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

How does an aircraft acknowledge a light signal at night?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Flash the landing lights on and off twice. If not fitted, switch the navigation lights on and off twice.

SERA App. 1, 3.1.2; SERA App. 1, 3.1.2(a); SERA App. 1, 3.1.2(b)

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Signals
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QUESTION

How does an aircraft on the ground acknowledge a light signal by day?

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Signals
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ANSWER

Move the ailerons or rudder.

SERA App. 1, 3.1.2(b)

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Signals
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QUESTION

What is distress?

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Signals
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ANSWER

Grave and imminent danger that needs immediate assistance. Signals include MAYDAY, SOS, red lights and transponder code 7700.

SERA App. 1, 1.2.1(f); SERA App. 1, 1.2.1(a)–(f); SERA App. 1, 1.2, 1.3

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Signals
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QUESTION

What is urgency?

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Signals
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ANSWER

A difficulty that forces a landing, or a very urgent safety message. No immediate assistance is needed. Signals include PAN PAN and XXX.

SERA App. 1, 1.3.1(a), (b); SERA App. 1, 1.3.2(a)–(c); SERA App. 1, 1.2, 1.3

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Signals
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QUESTION

Which panel means landings are prohibited?

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ANSWER

A red square with two yellow diagonals.

SERA App. 1, 3.2.1.1

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Signals
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QUESTION

Which panel means special precautions for approach and landing?

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Signals
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ANSWER

A red square with one yellow diagonal.

SERA App. 1, 3.2.2.1

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Signals
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QUESTION

Which signal shows the take-off direction at the tower?

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ANSWER

Two digits, in tens of degrees magnetic, to the nearest 10°.

SERA App. 1, 3.2.5.2

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Signals
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QUESTION

What does a double white cross mean?

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ANSWER

The aerodrome is used by sailplanes.

SERA App. 1, 3.2.8.1

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Signals
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QUESTION

What does a white or yellow cross on a runway or taxiway mean?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

The area is unfit for the movement of aircraft. White crosses are on runways, yellow on taxiways.

SERA App. 1, 3.2.4.1

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Signals
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QUESTION

What does a dumb-bell with black bars mean?

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Signals
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ANSWER

Land and take off on runways only.

SERA App. 1, 3.2.3.2

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

What does a white dumb-bell mean?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Use runways and taxiways only.

SERA App. 1, 3.2.3.1

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Which ground signal shows the landing and take-off direction?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

The landing T, towards the cross arm.

SERA App. 1, 3.2.5.1

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

What does a horizontal right-hand arrow mean?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Make turns to the right before landing and after take-off.

SERA App. 1, 3.2.6.1

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

What does a black letter C on a yellow background mean?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

The location of the air traffic services reporting office.

SERA App. 1, 3.2.7.1

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Signals
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QUESTION

What do red-and-green projectiles fired from the ground at 10-second intervals mean?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

An unauthorised aircraft is in, or about to enter, a restricted, prohibited or danger area. It must take remedial action.

SERA App. 1, 2.1

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Signals
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QUESTION

Which arm angle shows a normal stop?

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Signals
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ANSWER

Arms and wands at 90° to the sides, moved above the head until the wands cross.

SERA App. 1, 4.1; SERA App. 1, 4.1, signals 6(a), 6(b)

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Which signal shows an emergency stop?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Arms and wands thrust to the top of the head, with the wands crossed.

SERA App. 1, 4.1, signals 6(a), 6(b)

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Hold position or stand by. What arm angle?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Arms and wands fully extended downwards at 45° to the sides.

SERA App. 1, 4.1 signal 21; 5.1 signal 3; SERA App. 1, 4.1, signals 21, 22

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Signals
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QUESTION

Turn left, seen from the pilot's view?

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Signals
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ANSWER

Right arm and wand held out at 90° to the body, while the left hand makes the come-ahead movement.

SERA App. 1, 4.1; SERA App. 1, 4.1, signals 5(a), 5(b)

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Where does the marshaller stand for a fixed-wing aircraft?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

On the left side of the aircraft, where the pilot can best see the signals.

SERA App. 1, 4.1.1(a)

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Signals
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QUESTION

Pilot's signal that the brakes are engaged?

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Signals
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ANSWER

Fingers extended horizontally in front of the face, then the fist clenched.

SERA App. 1, 4.2.1(a)–(e)

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Signals
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QUESTION

Can you use a signal that could be confused with a standard signal?

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Signals
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ANSWER

No. Do not use any other signal likely to be confused with a standard signal.

SERA.3301(b)

PPL Knowledge

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Signals
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QUESTION

What must an aircraft do when it receives a standard signal?

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Signals
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ANSWER

Act as the meaning of the signal requires.

SERA.3301(a)

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

QUESTION

Marshaller's signal to set the brakes?

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Signals
010 Air Law and ATC Procedures › 05 Rules of the air

ANSWER

Hand raised just above shoulder height, open palm closed into a fist, with eye contact. Wait for the crew's thumbs-up.

SERA App. 1, 4.1, signals 7(a), 7(b)

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