

CAMPBELL HELICOPTERS - SURVIVAL EXAM

Name: _____ **Date:** _____

<p>References:</p> <ol style="list-style-type: none"> 1. Survival Manual 2. Aeronautical Information Manual 3. Company Operations Manual 4. Canada Flight Supplement Video, 	<p style="text-align: right;">Reviewed & Corrected to 100%</p> <p>By: _____</p> <p>Signature: _____</p> <p>Date: _____</p>
<p>This exam meets the requirements for initial and annual Survival procedures training in accordance with the COM. Section 6 (6.14):</p> <ol style="list-style-type: none"> 1. Survival concepts 2. Contents of the survival equipment kit 3. How to use the survival equipment carried on board as appropriate for the operation 	

1. All accidents and incidents shall be reported to the _____ or delegate by the timeliest means possible
 - a) Accountable Executive
 - b) Operations Manager
 - c) Transport Canada
 - d) Chief Pilot
 - e) Person Responsible Maintenance

2. All company helicopters will carry a survival kit, sufficient for the survival on the ground of each person on board. Each survival kits shall provide means for;
 - a) Starting a fire
 - b) Providing shelter
 - c) Providing or purifying water
 - d) Visually signaling distress

3. What is the difference between a 30 min and a 1 hour over due aircraft?
 - a) Only 30 minutes
 - b) Phone Ops Manager and let them know
 - c) Star a rescue immediatley
 - d) 30 mins begins a communications search, after 1 hr, a search begins

4. What is the appropriate transponder code in the event of an emergency?
 - a) 7500
 - b) 7600
 - c) 7700
 - d) 1200

5. When would life preservers be required for each person on board?
 - a) For a twin-engine helicopter that can maintain flight on one engine, if it is operating more than 25 miles from shore.
 - b) For a twin engine helicopter that can maintain flight on one engine, if it is operating less than 500 ft. AGL over water
 - c) For a twin-engine helicopter that can maintain flight on one engine, if it is operating more than gliding distance from shore
 - d) For a twin-engine helicopter that can maintain flight on one engine, if it is operating more than 50 miles from shore

5. A first aid kit shall be carried on board each helicopter; it shall contain the supplies and equipment for a type A kit as set out in the Aviation Occupational Safety and Health Regulations. What shall it include in addition?
 - a) 1 compress bandage
 - b) 1 pair of sharp scissors
 - c) Survival manual
 - d) 1 pair of latex gloves

6. When must survival gear be carried on board the helicopter?
 - a) At all times unless otherwise authorized
 - b) When ever the helicopter is operating in a sparsely settled area & more than 25 nautical miles from the departure point
 - c) When, in the pilot's opinion, it may be required, based on the weather, the time of year and the local geography.
 - d) When ever the helicopter is operating more than 25 nm away from the departure point

7. Someone yells "FIRE" from the hangar, you arrive with a fire extinguisher in hand. What is the appropriate action when discharging the extinguisher?
 - a) Pull the pin, Aim the nozzle, Squeeze the trigger, sweep at the base of the flames (P.A.S.S.)
 - b) Pull the pin; squeeze the handle and point at the top of the flames to let the retardant fall on top of the flames
 - c) Pull the pin; squeeze the handle and point in front of you to throw up a wall of retardant between you and the flames
 - d) Pull the pin, squeeze the handle and lay down a guard to prevent the flames from spreading

8. During the safety briefing, prior to flight, emergency exits are included. Which statement best describes the use of the emergency window exits?
 - a) Have the passenger with the best boots kick out the window
 - b) Push all four corners of the window
 - c) Push the center of the window with your fist or elbow
 - d) Pull out the safety pins holding the window

9. One of your passengers is feeling nauseous due to some air turbulence. What would be your best course of action?
 - a) Advise him to stick his head out the window if he is going to be sick.
 - b) Tell him to swallow hard as the airport is only 15 minutes away
 - c) Make an approach to an appropriate ILZ where the passenger can get out and get some fresh air
 - d) Turn on the heater to warm up the cabin area.

10. Where would you find a list of the contents of the survival kit?
 - a) In the aircraft flight manual
 - b) In the aircraft logbook.
 - c) Inside the survival kit
 - d) Aircraft book bag

11. What is the interval between inspections for the survival kit?
 - a) 6 months
 - b) 1 year
 - c) 2 years
 - d) Only when the AA batteries are due

12. When is it appropriate to use the survival kit?
 - a) When the situation demands
 - b) When your hungry
 - c) When the weather is bad
 - d) All of the above

VIDEO 'THE WAY OUT' MUST BE WATCHED TO COMPLETE THE NEXT SECTION

1. What is the ground to air signal for "Require Fuel and Oil"
 - a. L
 - b. Y
 - c. F
 - d. V

2. What is the ground to air signal for "Require Medical Assistance"
 - a. X
 - b. Y
 - c. LL
 - d. V

3. The first priority after a forced landing is?
 - a) Signals
 - b) Fire
 - c) First Aid
 - d) Food
 - e) Shelter

4. There are 6 priorities to survival; Which order is correct?
 - a) Water, Fire, Shelter, Food ,First Aid, Signals,
 - b) First Aid ,Water, Fire, Shelter, Signals, Food
 - c) First Aid, Signals, Fire, Shelter, Water, Food
 - d) Signals, Water, Fire, Shelter, First Aid,, Food

5. Given that we operate in the wilderness, what would we put on a fire to make a lot of smoke?
 - a) Dry wood
 - b) Paper
 - c) Green branches
 - d) Oil
 - e) Fuel

6. Prior to drinking water from a stream or lake, what should you do?
 - a) Boil it for 5 minutes
 - b) Filter it through a towel
 - c) Use water purification tablets
 - d) Don't worry, it's fresh water

7. What is the ratio of water tablets per liter of water to purify?
 - a) 1 tablet – 1 liter
 - b) 2 tablets – 1 liter
 - c) 1 tablet – 2 liters
 - d) 2 tablets – 5 liters

8. From the list below select all of the items to be found in the survival kit;
 - a. Compass
 - b. Snare wire
 - c. Survival manual
 - d. Water purification tablets
 - e. Knife
 - f. Flashlight
 - g. Orange or Blue Tarp

9. After the event of a forced landing, what do we need to do with any passengers?
 - a. Nothing as we never really carry any passengers
 - b. Ensure that they have their cell phones
 - c. Ensure they are safe and all accounted for
 - d. Ensure they don't create and hazard or dangers to themselves or others
 - e. Both C and D

10. After the event of a forced landing, what do we need to do with the ELT?
 - a) Just leave it, its working fine
 - b) Turn it 'off, then back on' when it is dark out
 - c) Make sure the switch is in the 'Arm' position
 - d) Make sure the switch is in the 'on' position

11. What radio frequencies do the company ELT's operate on?
 - a. 126.7 VHF and 265.0 UHF
 - b. 122.8 VHF and 215.0 UHF
 - c. 121.5 VHF and 406 UHF

12. Raising the ELT from ground level to 2.44 meters or 8 ft may increases the range of the signal?
 - a. 5-10 %
 - b. 10-30%
 - c. 20-40%
 - d. Nothing at all

13. Where is the list of items that we carry in our survival kits?
 - a. Located in the survival kit
 - b. Located in the Ops manual
 - c. Located in the MCM / Procedures manual
 - d. Both A and B
 - e. All of the above

14. Where can we find a survival manual?
 - a. The manual is not required
 - b. A personal document required by the CARs
 - c. In the company SMS manual
 - d. In the aircraft survival kit
 - e. We do the survival video and that is enough training
 - f. Survival training is not required by Transport Canada.

15. If the ELT is not mounted inside the cabin area what else is required?
 - a. Nothing, as long as there is an ELT
 - b. A decal
 - c. A briefing
 - d. A dash mounted ELT activation switch

16. If the weather is cold and ELT battery life is a concern the pilot should consider switching the ELT ON and OFF at regular intervals to extend battery life.
 - a) Yes
 - b) No