Q: What is the name of the code used on a telegraph?

A: Morse Code

Q: What is MNR short for?

A: Ministry of Natural Resources

Q: Name 2 things used in forest fire detection.

A: Tower, satellite imaging, lightning detector, eyes…

Q: Name 2 ways used to prevent forest fires.

A: Media, caution, know-how…

Q: What is the fireline?

A: The working area around a forest fire.

Q: What shape are the cargo containers?

A: Cylindrical

Q: What are the components of the ‘fire triangle’?

A: Fuel, Air, Ignition

Q: Why does the canoe come apart in pieces?

A: Easier to carry on plane

Q: Besides people, what else did airplanes deliver to a forest fire campsite?

A:Equipment, supplies, water

Q: Name three tools used for fighting forest fire.

A: Pulaski, shovel, hose, pump-pack, waterbomber, rake, etc.

Q: Name 2 things used for forest fire clean-up.

A: Bulldozer, shovel, (replanting)

Q: What's a PUMP-PACK used for?

A: Carrying water and pumping it out on the fire.

Q: What's a PULASKI?

A:Grub-hoe/axe combo

Q: Why are the cargo containers cylindrical?

A: Dropped from back of plane – fir through the hole.

Q: Name two things used in forest fire suppression.

A: Water/chemical bombing, ground personnel, tools, etc…

Q: Who is first dispatched to deal with a reported fire?

A: Initial Attack crew

Q: Name 2 technological inventions to help detect forest fires.

A: Lightning detector, satellite imaging

Q: What can a helicopter do, that an airplane can’t do?

A: Vertical take-off and landing; it can hover

Q: What does an ALTIMETER show?

A: How high up you are

Q: What flight instrument indicates your vertical height?

A: Altimeter

Q: What do you call the propeller on a helicopter?

A: Rotor

Q: What is a FUSELAGE?

A: the body of an aircraft

Q: What does the RUDDER do?

A: Controls the YAW (turns plane to the left or right)

Q: What is BERNOULLI'S PRINCIPLE?

A: Air acts as fluid; faster over upper surface – low pressure, high pressure. On lower surface, creates lift.

Q: What are the four forces of flight?

A: Lift, Gravity, Thrust, Drag

Q: What part of the plane controls the ROLL?

A: Ailerons

Q: What part(s) of the plane controls the PITCH?

A: Elevators

Q: What is ROLL?

A: Rotation in the side-to-side

Q: What is YAW?

A: Rotation in the left-to-right

Q: Why is balance important to flying?

A: Too far forward, lift is hard to achieve; too far back, pitch is hard to control…

Q: What is PITCH?

A: Rotation in the up-and-down

Q: Why is NEWTON'S LAW important to flight?

A: Any action has an equal opposite. Reaction – lift vs. gravity, thrust vs. drag, etc…

Q: What part of the plane controls the YAW?

A: Rudder