



Crossword Assembled by Meredith Adolph

WORD LIST:

LIFT
DRAG
GRAVITY
THRUST

AEROFOIL
AILERONS
ELEVATORS
RUDDER

FLOATS
SKIS
WHEELS

WING
COCKPIT
FUSELAGE
STRUT
PROPELLER

HELICOPTER
BUSHPLANE
HANGAR

ROLL
YAW
PITCH

BEAVER
H BOAT
FAIRCHILD
OTTER
SILVER DART
TRACKER

PILOT
ENGINEER



The Canadian Bushplane Heritage Centre Crossword Clue Challenge

Below is a list of clues to fill out the crossword puzzle. Also, there is a list of words that have all of the answers to the clues but *not* in the same order as the clues. You have to figure out which words in the list match the clue and then write it into the crossword puzzle. **BUT!!!...** there is one more word in the list than there are clues for the crossword. So when you're done, you should have one word in the list that you didn't use. Now, here's your ultimate challenge: *try to fit the leftover word into the crossword and then write a clue for it!*

ACROSS

2. Landing gear that bushplanes use to land on snow or ice.
3. The name given to an aircraft's movement when its nose moves up or down.
6. An aircraft that can fly into rugged wilderness areas is called this.
8. Of the four forces of flight, this one pulls downward on the aircraft.
10. Of the four forces of flight, this one moves the plane upward.
13. An aircraft at the Bushplane Museum that has the same name as a very playful animal.
14. Landing gear that aircraft use to land on runways or grassy fields.
15. The name of an aircraft at the Bushplane Museum that can fold up its wings.
16. Movable flaps (control surfaces) located at the back of the wing that can be moved up or down and are used to make the aircraft roll from side to side.
18. The type of aircraft that can fly straight up or down and hover using spinning rotor blades attached at the top of the aircraft.
22. The movable flap (control surface) on the tail of the aircraft that can be moved right or left and is used to turn the nose of the aircraft to the right or to the left.
23. A world-famous all-metal type of bushplane, on display at the Bushplane Museum, that is named after a familiar Canadian animal that is known to be very hardworking.
25. The part of the plane designed to lift the aircraft when air flows over it.
26. What the body of the aircraft is called.

27. What a mechanic who works on aircraft is called.
28. Landing gear that bushplanes use to land on water.

DOWN

1. The name of the heavier-than-air aircraft that made the 1st powered flight in Canada.
2. Some types of planes use this aircraft part to support the brace or wings.
4. Of the four forces of flight, this one pulls the aircraft forward.
5. The name of the aircraft (with a boat-shaped bottom) bought by the Ontario Provincial Air Service in 1924 to make up their first fleet of aircraft.
7. What the person who flies the aircraft is called.
9. The name given to an aircraft's movement when its nose turns to the right or the left.
11. The _____ KR-34 biplane. (Hint: The KR-34's full name includes the name of the company that made it. See Bushplane Museum's KR-34 on display for the answer.)
12. The section of the aircraft in which the pilot sits.
17. When an aircraft lowers one wing and raises the other, its movement is called _____.
19. The blades on an aircraft that spin to create a force that moves the aircraft forward.
20. Of the four forces of flight, this one slows the aircraft down.
21. What the special shape of the cross-section of the wing is called.
24. Movable flaps (control surfaces) on the tail wings that can be moved up or down and are used to make the nose of the aircraft move up or down. Note: the wings on the tail are properly called horizontal stabilizers.