Bush plane



An <u>American Champion Scout</u>. Note the giant tires, for use on rocky surfaces.

A **bush plane** is a <u>general aviation aircraft</u> serving remote, undeveloped areas of a country, usually the <u>African</u> bush, <u>Alaskan</u> and <u>Canadian</u> tundra or the <u>Australian Outback</u>. Among the most common bush planes are the <u>Cessna 180</u> and <u>206</u>, <u>de Havilland Otter</u> and <u>Beaver</u>, <u>Douglas DC-3</u>, and <u>Piper</u> <u>Super Cub</u>, although countless other aircraft types serve in these hostile regions.

Common traits

- **High** <u>wings</u> provide improved ground visibility during flight and greater distance between the bush and the wing during landing.
- <u>Conventional landing gear</u> (two large main wheels and a small rear wheel, resulting in an elevated "snout"), referred to as a 'taildragger' arrangement, allows for added prop clearance over rough-surfaced runways. Bush pilots are often proud of the fact that most of their landings are logged in taildraggers.
- <u>High-lift devices</u> such as <u>flaps</u>, <u>vortex generators</u>, and <u>slots</u> or <u>slats</u> improve low speed flight characteristics.
- Very large low pressure <u>tires</u> enable the pilot to land and take off in unimproved areas. It is not uncommon for a bush pilot to land (and take off) where no airplane has been before.