

## Pratt & Whitney R-1535



Pratt & Whitney R-1535

The [Pratt & Whitney R-1535 Twin Wasp Junior](#) was an engine used in [American aircraft](#) in the 1930s. The engine was first introduced in [1932](#). It was a two-row, 14-cylinder air-cooled radial design. Displacement was 1,535 cubic inches (25.2 liters); bore and stroke were 5-3/16" and 5-3/16" (131.8 mm and 131.8 mm).

### Models

- **R-1535:** 700 hp (521 kW)
- **R-1535-13:** 825 hp (615 kW) ] Specifications (R-1535-13)

### General characteristics

- **Type:** 14-cylinder air-cooled two-row [radial engine](#)
- **Bore:** 5.1875 in (131.8 mm)
- **Stroke:** 5.1875 in (131.8 mm)
- **Displacement:** 1,535 in<sup>3</sup> (25.2 L)
- **Dry weight:**

### Components

- **Cooling system:** Air-cooled

### Performance

- **Power output:** 825 hp (615 kW)
- **Specific power:** 0.54 hp/in<sup>3</sup> (24.4 kW/L)
- **Power-to-weight ratio:**

### Aircraft which used R-1535

- [Hughes H-1 Racer](#) - R-1535
- [Northrop A-17](#) - R-1535-13
- [Bellanca 28-70](#)
- [Breguet 695](#)
- Curtiss [SBC-3 Helldiver](#)
- [Douglas O-46](#)
- [Grumman F2F](#)

- [Miles Master](#)
- [Northrop BT](#)
- Vought [SBU Corsair](#)
- Vought [SB2U Vindicator](#)

## Related contents

- [Pratt & Whitney Wasp series](#)
- [R-1340](#) Wasp
- [R-985](#) Wasp Junior
- [R-1830](#) Twin Wasp
- [R-2800](#) Double Wasp
- [R-4360](#) Wasp Major

## External link

- <http://www.pratt-whitney.com/pratt/web/index1588.html>
- <http://www.shanaberger.com/engines/R-1535.htm>