

Pratt & Whitney R-4360 Wasp Major

Model:	R-4360 CB2
Type:	28 cylinders, 4 row radial, air cooled, geared drive, turbo-supercharged, 4 cycle. T.C.247.
Construction:	5-piece forged aluminum alloy crankcase. Cylinders with steel barrels and shrunk on forged aluminum alloy cooling mufflers, and forged aluminum alloy heads. Cylinders arranged helically around crankcase to facilitate cooling. 1 inlet valve and 1 exhaust valve (Inconel "M") per cylinder actuated by push rods. 4-throw 1-piece counterbalanced crankshaft supported in 5 plain bearings. Planetary spur reduction gear, ratio 0.375:1. Single propeller shaft, with provisions for Hydromatic propeller. Torque-meter. Hydro-Aire control actuators.
Supercharger:	Gear-driven 1-speed supercharger, ratio 6.374:1. Provision for General Electric CH9 1-stage turbo-supercharger. Aftercooler.
Fuel system:	1 Bendix-Stromberg PR-100B3 4-barrel downdraft injection type carburetor with mixture control. Optional equipment: 1 Chandler Evans 100CPB9 downdraft injection type carburetor. Provision for water injection, with Bendix Products K2 or M1 water regulator.
Ignition:	4 Bendix-Scintilla S14RN-15 low-tension dual magnetos. 2 18-mm long reach spark plugs, with 1 high-tension booster coil per spark plug, per cylinder. Shielded ignition system.
Lubrication:	Pressure feed, 80-85lb./sq. in. (5,6-6,0 kg.cm ²). Dry sump.
Starter:	Optional. Eclipse 36E07-2 electric starter can be used.

