

MODELS: Pratt & Whitney Twin Wasp SB-G and SB3-G

T.C. NUMBER: ATC 158

Model - Twin Wasp	SB3-G
Type - 14RA	3:2 reduction gearing
Rating:	
Maximum continuous, hp, rpm, in.Hg., at:	
Rated pressure altitude (ft.)	900-2450-34.5-6500
S.L. pressure altitude	860-2450-34.5-S.L.
Take-off (one minute), hp, rpm, in.Hg.	1000-2650-41.3 1000-2450-42.7
Fuel (minimum octane aviation gasoline)	87
Bore and stroke, in.	5.5 x 5.5
Displacement, cu. in.	1830
Compression ratio	6.7:1
Weight (dry), lbs.	1300
Propeller shaft, SAE No.	50
Supercharging (impeller gear ratio)	12:1
Carburetion	Stromberg NA-Y9E or NA-Y9G carburetor with 2-3/4 in. venturi
Ignition, dual	Scintilla SE-14 RN1A magnetos
Certification basis	Approved Type Certificate No. 158

NOTE 1. Includes model SB-G with 6.5:1 or 6.7:1 (dome type valves) compression ratio and weight (dry) of 1235 lbs.

NOTE 2. Approval expired 4/25/39. No engines of these models manufactured after this date or with serial numbers above 1157 eligible for use in certificated aircraft.