

MODELS: Pratt & Whitney Wasp Jr. T1B

T.C. NUMBER: T.C. 113

Model	Wasp Jr. T1B
Type	9RA - Direct drive
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	345-2000-S.L.
Take-off (one minute), hp, rpm, at full throttle	400-2300
Fuel (minimum octane aviation gasoline)	73 (80 octane for take-off)
Bore and stroke, in.	5-3/16 x 5-3/16
Displacement, cu. in.	985
Compression ratio	5:1
Weight (dry), lbs.	640
Propeller shaft, SAE No.	30
Supercharging (impeller gear ratio)	8:1
Carburetion	Stromberg NA-P9B carburetor with 2-7/16 in. venturi
Ignition, dual	Scintilla VAG-9D, VAG-9DR or SB9R magnetos
Ignition timing, degrees BTC	25
Certification basis	Type Certificate No. 113

NOTE 1. Maximum permissible cylinder head, barrel, and oil inlet temperature 550 degrees F., 335 degrees F., and 200 degrees F., respectively.

NOTE 2. Approval expired 1/25/43. No engines of this model manufactured after this date or with serial numbers above 1626 eligible for use in certificated aircraft.