

MODELS: Pratt & Whitney Wasp Jr. TB, TB-2, T3A

T.C. NUMBER: T.C. 85

Models - Wasp Jr.	TB and T3A	TB2
Type	9RA - Direct drive	--
Rating:		
Maximum continuous, hp, rpm, at S.L. pressure altitude	420-2200-S.L.	--
Take-off (one minute), hp, rpm, at full throttle	440-2300	--
Fuel (minimum octane aviation gasoline)	80	--
Bore and stroke, in.	5-3/16 x 5-3/16	--
Displacement, cu. in.	985	--
Compression ratio	6:1	--
Weight (dry), lbs.	640	653
Propeller shaft, SAE No.	30	--
Supercharging (impeller gear ratio)	8:1	--
Carburetion	Stromberg NAR-9A or NAR-9B carburetor with 2-5/8 in. venturi	--
Ignition, dual	Scintilla VAG-9D, VAG-9DR or SE9R magnetos	--
Ignition timing, degrees ETC	27	--
NOTES	2, 3	1, 2, 3
Certification basis	Type Certificate No. 85	

NOTE 1. Model TB-2 provides means for automatic valve gear lubrication and feathering propeller.

NOTE 2. Maximum permissible cylinder head, barrel, and oil inlet temperature 550 degrees F., 335 degrees F., and 200 degrees F., respectively.

NOTE 3. Approval expired 1/25/43. No engines of these models manufactured after this date or with serial numbers above 1238 eligible for use in certificated aircraft.