

PRATT & WHITNEY AIRCRAFT DIVISION OF UNITED AIRCRAFT CORPORATION

MODELS: Pratt & Whitney Wasp S3D1

T.C. NUMBER: ATC 128

Model - Wasp	S3D1
Type - 9RA	Direct drive
Rating:	
Maximum continuous, hp, rpm, in.Hg., at:	
Rated pressure altitude (ft.)	450-2100-28 ½-6000
S.L. pressure altitude	440-2100-29-S.L.
Take-off (one minute), hp, rpm, in.Hg.	450-2100-30 450-1950-31 450-1775-33
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	5.75 x 5.75
Displacement, cu. in.	1344
Compression ratio	6: 1
Weight (dry), lbs.	730
Propeller shaft, SAE No.	30
Supercharging (impeller gear ratio)	10: 1
Carburetion	Stromberg NA-Y8E carburetor with 2 inch venturi
Ignition, dual	Scintilla VAG-9D magnetos
Certification basis	Approved Type Certificate No. 128

NOTE 1. Approval expired 1/8/36. No engine of this model manufactured after this date or with serial numbers above 5453 eligible for use in certificated aircraft.