

AMERICAN AIRCRAFT COMPANY

MODELS: American S-5-125

T.C. NUMBER: T.C. 181

Model	S-5-125
Type	5RA
Rating:	
Maximum continuous, hp, rpm, at S.L. press. alt.	125-1950-S.L.
Take-off, hp, rpm, full throttle	125-1950
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	4.75 x 5.00
Displacement, cu. in.	440.5
Compression ratio	5.1:1
Weight (dry), lbs.	355
Propeller shaft, SAE No.	10
Carburetion	Stromberg NA-R5 carburetor with 1-5/8 in. venturi
Ignition, dual	Scintilla WL5 battery
Certification basis	Type Certificate No. 181
Production basis	None. The manufacturer does not hold a production certificate for the production of engines under this type certificate and, therefore, each engine so produced is subject to a detailed inspection for workmanship and conformity with the approved data by a CAA Agent. In addition, the engine must have a satisfactory run-in including 5 hours at rated power and speed. Upon satisfactory completion of the above, the agent will tag the engine with Tag Form ACA 186.

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperatures, 500 degrees F., 300 degrees F., and 200 degrees F. respectively.