

PIGMAN, AMERICAN FLYERS

MODELS: Pigman, Reed (American Flyers); LeBlond 70 5DE & 5E

T.C. NUMBER: T.C. 48

Model - LeBlond	70 5DE & 5E
Type	5RA
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	70-1950-S.L.
Take-off, hp, rpm, at full throttle	70-1950
Fuel (minimum octane aviation gasoline)	70
Bore and stroke	4.125 x 3.750
Displacement, cu. in.	250.5
Compression ratio	5.4:1
Weight (dry), lbs.	245
Crankshaft gearing	Direct drive
Carburetion	Stromberg NA-R3 carburetor with 1-1/8 in. venturi
Ignition, dual	Bosch FU-5B or Scintilla SB-5 or PN-5D magnetos
Certification basis	Type Certificate No. 48
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 Civil Aeronautics Administration 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. Certain engines of these models have been manufactured by both Ken Royce Aircraft Engine Company and Rearwin Aircraft & Engines, Inc., and are eligible bearing nameplates of either of these companies.

NOTE 2. Maximum permissible cylinder head, barrel and oil inlet temperatures, 550 degrees F., 325 degrees F., and 200 degrees F., respectively.