

PHILLIPS AVIATION COMPANY

MODELS: Phillips 333, 333A, 333B

T.C. NUMBER: T.C. 59

Models	333, 333A, 333B
Type	4LAI
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	120-2100-S.L.
Take-off (one minute), hp, rpm, at full throttle	120-2100
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	4-1/2 x 5-1/4
Displacement, cu. in.	334
Compression ratio	5.3: 1
Weight (dry), lbs.	269
Propeller shaft, SAE No.	10
Carburetion	Stromberg NA-R4D carburetor with 1-3/8 in. venturi, or Zenith No. 157 with 31 mm. venturi, or Zenith No. 156- 1/2 with 33 mm. Venturi
Ignition, dual	Scintilla PN4-DF1, SF4R-8, -9, or Bosch FU4A-1 magnetos (impulse coupling on right magneto)
Certification basis	Type Certificate No. 59
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 Administrator 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 520 degrees F., 325 degrees F., and 200 degrees F., respectively.

NOTE 2. Formerly manufactured by the Glenn L. Martin Co., Baltimore, Maryland.