

FAIRCHILD ENGINE DIVISION
FAIRCHILD ENGINE AND AIRPLANE CORPORATION

MODELS: Fairchild (Ranger) 6-390-B, 6-390-D, 6-390-D3

T.C. NUMBER: ATC 146

Model	6-390-B, 6-390-D	6-390-D3
Type	6LAI	----
Rating:		
Maximum continuous, hp, rpm, at S.L. pressure altitude	145-2250-S.L.	150-2350-S.L.
Take-off (one minute), hp, rpm, at full throttle	145-2250	150-2350
Fuel (minimum octane aviation gasoline)	73	----
Bore and stroke, in.	4.00 x 5.125	----
Displacement, cu. in.	386	----
Compression ratio	6: 1	----
Weight (dry), lbs.	350	----
Propeller shaft, SAE No.	1 Taper	----
Carburetion	Stromberg NAR-4A carburetor with 1-9/16 in. venturi	----
Ignition, dual	Scintilla PN-6D or PNR-6D, or Bendix SB-6R magnetos	----
Certification basis	Approved Type Certificate No. 146	----

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

NOTE 2. Approval expired 4/6/40. No engines of these models manufactured after this date eligible for use in certificated aircraft.