

MODELS: Fairchild (Ranger) V-770-B4, V-770-B4A

T.C. NUMBER: ATC 184

Model	V-770-B4
Type	12VIA
Rating:	
Maximum continuous, hp, rpm, at S.L. pressure altitude	305-2300-S.L.
Take-off (one minute), hp, rpm, at full throttle	315-2400
Fuel (minimum octane aviation gasoline)	80
Bore and stroke, in.	4.000 x 5.125
Displacement, cu. in.	772.8
Compression ratio	6.5:1
Weight (dry), lbs.	550
Propeller shaft, SAE No.	20
Carburetor	Stromberg NAR-4A or NAR-4B carburetor with 1-11/16 in. venturi
Ignition, dual	Scintilla DF (double) magneto
Certification basis	Approved Type Certificate No. 184

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperatures, 500 degrees F., 280 degrees F., and 200 degrees F., respectively.

NOTE 2. Approval expired 9/26/41. No engines of this model manufactured after this date eligible for use in certificated aircraft.

NOTE 3. Includes several engines whose data plates inadvertently indicate them to be models V-770-B4A. These engines differ from the B4 model only with respect to the exhaust outlet elbows and associated minor parts.