

MODELS: Fairchild (Ranger) 6-410-B1, -B1A, -B2, -B2A, -B2B, -B3

T.C. NUMBER: ATC 187

Model - 6-410	-B1, -B1A, -B2, -B2A, -B2B	-B3
Type	6IAI	--
Rating:		
Maximum continuous, hp, rpm, at S.L.		
pressure altitude	165-2450-S.L.	175-2450-S.L.
Take-off (one minute), hp, rpm, at full throttle	165-2450	175-2450
Fuel (minimum octane aviation gasoline)	80	--
Bore and stroke, in.	4.125 x 5.125	--
Displacement, cu. in.	410.9	--
Compression ratio	6.5:1	--
Weight (dry), lbs.	350	--
Propeller shaft, SAE No.	1 Taper	--
Carburetion	Stromberg NAR-4B carburetor with 1-11/16 in. venturi	--
Ignition, dual	Bendix SE-6R magnetos	--
Ignition timing, degrees BTC	30	25
Certification basis	Approved Type Certificate No. 187	

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

NOTE 2. Approval expired 3/18/42. No engines of these models manufactured after this date eligible for use in certificated aircraft.