

MODELS: Avco Lycoming R-680-6, -B6

T.C. NUMBER: AIC 111

Model	R-680-6, -B6
Type	9RA
Rating:	
Maximum continuous, hp, rpm, at S-L. press. alt.	225-2100-S.L.
Take-off (one minute), hp, rpm, at full throttle	245-2300
Fuel (minimum octane aviation gasoline)	65
Bore and stroke, in.	4.625 x 4.500
Displacement, cu. in.	680.4
Compression ratio	5.5:1
Weight (dry), lbs.	471
Propeller shaft, SAE No.	20
Carburetion	Stromberg NA-R7A carburetor with 2.0625 in. venturi
Ignition, dual	Scintilla SC-A or SC-A2 magneto
Certification basis	Approved Type Certificate No. 111 (Expired 3/14/39)

NOTE 1. Two engines, serial numbers 6-1033 and 6-1182 eligible with rating of 235 hp at 2300 rpm, 5.3:1 compression ratio and 58 octane fuel.

NOTE 2. The R-680-B6 model engine may be converted to the R-680-B4 by properly providing for the use of an adjustable or fixed pitch propeller and by including the -B4 designation and ratings on the name plate.