

MODELS: Aeronca E-113, E-113A, E-113B, E-113C

T.C. NUMBER: ATC 71

Models	E-113	E-113A	E-113B	E-113C
Type	2H0A	--	--	--
Rating:				
Maximum continuous, hp, rpm, at S.L. press. alt.				
Take-off, hp, rpm, full throttle	36-2400-S.L.	--	--	40-2540-S.L.
Fuel (minimum octane aviation gasoline)	36-2400	--	--	40-2540
Bore and stroke, in.	73	--	--	--
Displacement, cu. in.	4.25 x 4	--	--	--
Compression ratio	113.5	--	--	--
Weight (dry), lbs.	5.4:1	--	--	--
Carburetion	121	--	--	--
	Zenith 156AL carb. with 1-1/16 in. venturi or Stromberg EAS-2 carb. with 1-1/8 in. venturi	--	--	--
Ignition, single	Bosch FP2AR magneto	--	--	--
Ignition timing, deg. BTC	36	--	--	--
Certification basis	Approved Type Certificate No. 71 (Expired 12/10/40)			

NOTE 1. Maximum permissible cylinder head, barrel and oil inlet temperature, 550 degrees F., 300 degrees F., and 200 degrees F. respectively.

NOTE 2. The following spark plugs must be used with the model indicated:

Engine Model	Spark Plug
E-113, A, B	BG-4B1 or BG-40
E-113C	BG-4B1 or Champion M3-1

NOTE 3. Model E-113C engine eligible with head oiling system with weight (dry) of 122 lbs.

NOTE 4. Model E-113C engine also eligible with the following rating:

Maximum continuous, hp, rpm, at S.L. press. alt.	39-2500-S.L.
Take-off (one minute), hp, rpm, at full throttle	39-2500