

CHURCH AIRPLANE AND MANUFACTURING COMPANY, INC

MODELS: Church V-8 248

T.C. NUMBER: T.C. 224

Model	V-8 248
Type	8VA
Rating:	
Maximum continuous, hp, rpm, at S.L. press. alt.	93-2900-S.L.
Take-off, hp, rpm, at full throttle	93-2900
Fuel (minimum octane aviation gasoline)	73
Bore and stroke, in.	3.25 x 3.75
Displacement, cu. in.	248
Compression ratio	5.7: 1
Weight (dry), lbs.	342 (See NOTE 1)
Propeller shaft	Special
Carburetion	Ford Stromberg dual down draft with 1-1/32 in. venturis
Ignition	Ford battery ignition system
Certification basis	Type Certificate No. 224
Production basis	None. The manufacturer does not hold a production certificate of engines under this type certificate and, therefore, each engine so produced is subject to a detailed inspection for workmanship and conformity with the approved data by a CAA Agent. In addition, the engine must have a satisfactory run-in including 5 hours at rated power and speed. Upon satisfactory completion of the above, the agent will tag the engine with Tag Form ACA 186.

NOTE 1. Weight (dry) also includes exhaust manifold, generator and fuel pump.