

FRANKLIN ENGINE COMPANY

MODELS: Aircooled Motors Franklin 6AC-264

T.C. NUMBER: T.C. 222

Model - 6AC-264	F2, F3	D2, D3
Type	6HOA	----
Rating:		
Maximum continuous, hp, rpm, at S.L. press. alt.	120-2600-S.L.	110-2600-S.L.
Take-off, hp, rpm, full throttle	120-2600	110-2600
Fuel (minimum octane aviation gasoline)	80	73
Bore and stroke, in.	4 x 3.5	----
Displacement, cu. in.	264	----
Compression ratio	7: 1	6.3: 1
Weight (dry), lbs.	248, 255	----
C.G. location (with starter and generator) Forward of rear mount C.L., in.	----, 8.3	----, 8.3
Propeller shaft	Flanged hub - 8-7/16 in. bolts - 5 in. circle	----
Carburetion	Marvel MA-3 or MA-3 carburetor with 1-5/16 in. venturi	----
Ignition, dual	Eisemann AM6 or LA6 magnetos with impulse coupling (retard 25 degrees)	----
Ignition timing, deg. BTC	28 degrees	----
Spark plugs	AC SA-47, Champion AJ-66, C-10-S, 78S, Simmonds-Benton 4D3-S	----
Oil sump capacity, quarts	8	----
Certification basis	Type Certificate No. 222 (Expired 7/10/45)	

NOTE 1. Maximum permissible cylinder head, barrel, and oil inlet temperatures 540 degrees F., 310 degrees F., and 240 degrees F., respectively.

NOTE 2. Models 6AC-264-D3 and F3, similar to Models 6AC-264-D2 and F2, eligible with modified accessory housing for use of Auto-Lite starter, Type MBG (12 volts), or MZ Auto-Lite generator, Type GDY or GAS (12 or 6 volts) and AC fuel pump types Nos. 10551 or 10739 at weight increase of 15, 12 and 3 lbs., respectively.