



FRANKLIN ENGINE CO., INC., Syracuse, N. Y.

Service Letter

Franklin Service Letter 70-1: REVISION "A"

Date: March 1971

Subject: Recommended Time Between Overhaul (TBO)

The following recommendations are offered as an aid to the owner and certified mechanic in determining the proper time to major overhaul the various Franklin Aircraft Engines.

Total accumulated time in service is but one of the many factors affecting engine airworthiness. The factory recommendations on TBO are not to be misconstrued as indicating that engine airworthiness is assured until the recommended time has been reached. A new engine sitting idle in storage without proper protection, may be extensively damaged by corrosion within a relatively short time. On the other hand, an engine in continuous operation, under relatively uniform operating conditions and good maintenance, may still be well within re-manufacture tolerances when removed at time expiration. The engine owner or operator, as the case may be, in conjunction with the responsible certified mechanic, should decide when to remove the engine for overhaul based upon their knowledge of the engine and the conditions under which it has been operated.

The recommendations below apply to engines manufactured new or remanufactured at Franklin Engine Company, Inc., Syracuse, N. Y., and subsequently installed in certified aircraft in accordance with the aircraft manufacturer's instructions in conformity with the governing F. A. A. regulations.

Aircraft Engine	TBO
2A-120-A, -B	1500 hours
4A-235-B, -B2, -B3, -B4	1500 hours
6A-335-B, -B1, -B1A	2000 hours
6A-350-C1, -C1A	1500 hours
6A-350-C2, -C2A	1500 hours
6AS-350-A, -A1	1000 hours
6A4-165-B3, -B4	1200 hours
6A4-150-B3, -B4	1200 hours

Helicopter Installations	TBO
6V-350-A, -B	1200 hours
6V-335-A, -B	1200 hours
6V4-200-C32, -C33	1200 hours (See Note)
6V-335-A1A, -A1B	1200 hours
6VS-335-A, -A1, -B, -B1	750 hours
6AS-335-A, -B	750 hours
6A-350-D, -D1, -D1A	1200 hours
6A-335-A	750 hours
6V4-178-B32, -B33	600 hours

Note: 1200 hours TBO when 19409 crankcase, 19679 cylinder, 19812 exhaust valve and 19751 or 20505 connecting rods are installed, otherwise recommended TBO is 750 hours.