



## SERVICE LETTER

SERVICE LETTER NO. 89-001  
ENGINEERING ASPECTS ARE FAA-DER APPROVED

DATE: December 18, 1989

SUBJECT: Recommended time between overhaul periods for engines containing RAM Aircraft Corporation FAA-PMA parts

ENGINE EFFECTIVITY: Teledyne Continental Motors TSIO-520-NB engines (modified per RAM STC SE4327SW) and TSIO-520-N or -NB engines (modified per RAM STC SE3714SW)

Service life periods have been established by airframe and component manufacturers, to give aircraft owners, operators, and mechanics a guideline as to how long their products may be operated between replacement or overhaul periods. This period is known as Time Between Overhaul (TBO) when referring to engine service life. In some cases, such as aircraft operating under FAR Part 135 or foreign air regulations, these recommended periods have become the maximum allowable period between overhauls.

This overhaul period is a recommendation only and is dependent on compliance with all applicable Service Bulletins and Airworthiness Directives, as well as all required preventative maintenance, periodic inspection and determination by qualified maintenance personnel that the engine is operating normally and is airworthy.

To clear up any misunderstanding concerning the TBO of the TCM TSIO-520-N or -NB engine modified per STC SE3714SW or the TCM TSIO-520-NB engine modified per STC SE4327SW:

These engines, when modified by STC SE3714SW and STC SE4327SW, which include the installation of various RAM FAA-PMA parts listed in the Parts Manual Supplements applicable to these STC's, may be run to the TBO as specified below:

TSIO-520-NB modified per SE4327SW - 1600 hours  
TSIO-520-NB modified per SE3714SW - 1600 hours  
TSIO-520-N modified per SE3714SW - 1400 hours

