

MAINTENANCE OF ALL IGNITION SYSTEMS AND RELATED EQUIPMENT ISSUED IN TERMS OF CAR PART 43.02.2 READ TOGETHER WITH SA-CATS-GMR 43.02.5

Required Maintenance for all Aircraft Ignition Systems and Associated Equipment

Applicability: All General Aviation Aircraft

Background: The SB 643A dated 03/25/2004, for the Teledyne Continental Ignition Systems – TCM & Bendix aircraft magnetos and related equipment, part 4 C requires that “ .Magnetos must be overhauled or at the expiration of four years without regard to the accumulated operating hours since new or last overhaul.”

The CAA is aware that not all aircraft in South Africa operate at the rate of 500 or more hours every four years, some aircraft achieving considerable less flying time during that period.

Requirement:

1. The Commissioner has ruled that the Mandatory four yearly intervals between magneto overhauls of the Teledyne Continental Ignition Systems as called for in their SB643A dated 03/25/2004, be waived.
2. In the absence of any SB for the Slick ignition systems the Commissioner has further ruled that a 500 hourly inspection as prescribed in the current revision of Slick Master Service Manual F1100 shall be carried out every four years.
3. For the TCM and Bendix systems, the 500 hour inspection shall be carried out every four years as prescribed in the SB643A, dated 03/25/2004.
4. All aircraft magnetos shall be overhauled at Engine TBO.

Compliance: This shall be complied with immediately.

Alternate Methods

Of Compliance: N/A

This AD is issued in the interest of aviation safety.

Commissioner for Civil Aviation