



# SLICK

# SB1-95

# Service Bulletin

**TO:** Aircraft Manufacturers, Aircraft Engine Manufacturers, Distributors, Dealers, Engine Overhaul Facilities, Owners and Operators of Slick Aircraft Products Magnetos.

**SUBJECT:** Slick 4000 and 4100 Series Magneto Replacement

**BACKGROUND INFORMATION:**

Between 1965 and 1978, Slick 4000 and 4100 Series magnetos were manufactured for use on Teledyne Continental Motors (TCM) and Textron-Lycoming four-cylinder aircraft engines. These magnetos were FAA certified as non-repairable units and limited to an 800 hour service life. No parts or service instructions were made available for service repair or overhaul. In 1978, Slick introduced the 4200 Series field-serviceable magneto as a direct FAA-PMA Approved replacement for the 4000 and 4100 Series magnetos. In 1990, Slick introduced the 4300 Series magneto as a direct FAA-PMA Approved replacement for the 4000, 4100, and 4200 Series magnetos. Spare parts and service literature are available for both the Slick 4200 and 4300 Series magnetos. Slick 4200 and 4300 Series magnetos are not affected by this Service Bulletin.

Recent field history indicates that some Slick 4000 and 4100 Series magnetos are still in service. Slick 4000 and 4100 Series magnetos were engineered so that mechanical parts wear at a balanced rate. Consistent and complementary wear patterns established the 800 hour replacement life requirement. Operation of these magnetos beyond 800 hours is not approved or endorsed by Slick Aircraft Products, and may render the aircraft non-airworthy.

**COMPLIANCE:** Within the next 100 hours of operation or next scheduled annual inspection.

**PROOF OF COMPLIANCE:** Appropriate logbook entries.

**MODELS AFFECTED:** ALL 4000 Series magnetos  
4100 Series magnetos

**MAINTENANCE PARTS AFFECTED:** None

**Slick Aircraft Products**

A Division of Unison Industries, Inc.  
530 Blackhawk Park Avenue  
Rockford, Illinois, U.S.A. 61104

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**PARTS  
REQUIRED  
PER BULLETIN:** Replacement 4300 Series Magnetos

**TOOLS  
REQUIRED  
PER BULLETIN:** Normal shop tools

**WEIGHT  
CHANGE:** Approximately .8 pound per magneto

**DETAILED  
INSTRUCTIONS:** Replace all Slick 4000 and 4100 Series magnetos with Slick 4300 Series magnetos within the next 100 hours of operation or before the next annual inspection.

Slick will continue to accept Slick 4000 and 4100 Series magnetos for core credit toward the purchase of Slick 4300 Series magnetos until December 31, 1996. After this date, Slick will no longer issue core credits for Slick 4000 or 4100 Series magnetos.

Follow appropriate installation instructions when replacing Slick 4000 or 4100 Series magnetos with Slick 4300 Series magnetos. Refer to Slick Consolidated Application Data Book, Form L-1318, for magneto model applicability.

**DOCUMENTATION:** Slick 4300 Series magnetos are FAA-PMA Approved as direct replacements for Slick 4000 and 4100 Series magnetos, therefore FAA Form 337 is not required. Make appropriate logbook entries.

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