

# SERVICE LETTER



December 5, 2007

**SL1995-5A**

## TITLE

Optional Corrosion Preventative for Propeller Blades and Propeller Hub Blade Sockets

## TO:

FAA-Approved Propeller Repair Stations, Aircraft Manufacturers, Owners and Operators

## MODELS AFFECTED

All Constant Speed McCauley Propellers

## PUBLICATIONS AFFECTED

MPC200, C200 Series Overhaul Manual

MPC300, C300 Series Overhaul Manual

MPC400, C400 Series Overhaul Manual

MPC500, C500 Series Overhaul Manual

MPC600, C600 Series Overhaul Manual

MPC650, C650 Series Overhaul Manual

MPC700, C700 Series Overhaul Manual

MPC750, C750 Series Overhaul Manual

MPC1100, C1100 Series Overhaul Manual

CMM1100, C1100 Series Component Maintenance Manual

SPM100, Standard Practices Manual

720415, Constant Speed Service Manual (Threaded Propellers)

710930, Full Feathering Service Manual (Threaded Propellers)

890119, C1000 Series Overhaul Manual

## REASON

This service letter was originally made obsolete with its incorporation into the SPM 100 Standard Practice manual. Since that time, it has become clear that operators need this information in a more readily available format. By reactivating this service letter with revision "A", McCauley encourages this information to be shared with all operators of McCauley constant speed propellers. To assist in providing this information to operators of McCauley propellers, a copy of this service letter is also available for down load at the McCauley website, [www.mccauley.textron.com](http://www.mccauley.textron.com).

Original Issue: March 9, 1995

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*TO OBTAIN SATISFACTORY RESULTS, PROCEDURES SPECIFIED IN THIS SERVICE INFORMATION MUST BE ACCOMPLISHED IN ACCORDANCE WITH ACCEPTED METHODS AND PREVAILING GOVERNMENT REGULATIONS. MCCAULEY PROPELLER SYSTEMS CANNOT BE RESPONSIBLE FOR THE QUALITY OF WORK PERFORMED IN ACCOMPLISHING THIS SERVICE INFORMATION.*

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## DESCRIPTION

In response to requests from the field, McCauley has approved the corrosion inhibitor, LPS 3® Rust Inhibitor, for use on McCauley constant speed propellers in the retaining ring and shim carrier area at the base of the propeller blade and the propeller hub blade socket. Tests have shown that LPS 3® Rust Inhibitor does not have any effect on propeller blade O-rings.

The corrosion inhibitor, LPS 3® Rust Inhibitor, is available from:

LPS Laboratories  
4647 Hugh Howell Road  
Tucker, GA 30085-5052  
USA  
Fax: (404) 493-9206  
Email: [www.lpslabs.com](http://www.lpslabs.com)

## APPROVAL

FAA approval has been obtained on technical data in this publication that affects product type design.

## ACCOMPLISHMENT INSTRUCTIONS

1. Clean the area of the propeller blade retaining ring and shim carrier area and the propeller hub blade sockets with water, soft bristle brush (do not use a hard bristle brush), and clean towel.
  - A. Remove as much foreign material from the propeller blade retaining ring area as possible.
2. Make sure the propeller blade retaining ring area is dry.
3. Apply LPS 3® Rust Inhibitor to the retaining ring area at the base of the propeller blades and hub sockets.
4. Apply LPS 3® as frequently as necessary to prevent corrosion.