



McFarlane Aviation Products

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Service Bulletin SB-8

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Procedures specified in this service bulletin must be accomplished in accordance with accepted methods of aircraft maintenance and applicable government regulations. Appropriate log book entries must be made.

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SUBJECT

This service bulletin addresses potentially contaminated adhesive on PROP GUARD™ anti-abrasion boot for propellers.

BACKGROUND

McFarlane Aviation, Inc. PROP GUARD™ kits are produced and sold per FAA approved STC SP00582NY. The purpose of these kits is to apply an anti-abrasion material (boot) to the leading edge of most propellers used on small engine aircraft. The boot is intended to protect the leading edge of the propeller from foreign object damage (FOD). McFarlane has received reports of recently installed boots coming loose from the propeller. After investigating, it was concluded that the pressure sensitive adhesive (PSA) had become sporadically contaminated during the manufacturing process.

Partially or complete loss of the boot in flight does NOT pose a safety hazard.

PART NUMBERS / LOT NUMBERS AFFECTED

FP1001 (for two-blade propellers)
CS1002 (for three-blade propellers)

PG-KT-R12 (12" repair kit)
PG-KT-R24 (24" repair kit)

Manufacturing period: March 2014 to September 2015 Affected lot numbers: 36325 through 41753

IDENTIFICATION METHODS

Contaminated material will manifest as the boot will become partially or entirely detached from the propeller. Boots that have not detached within the first five hours of flight, after installation, are unlikely to do so.

COMPLIANCE

Compliance with this Service Bulletin is **recommended**.

APPROVAL

Removal and replacement methods of the affected boots for the purposes of this service bulletin are FAA Approved.

ACCOMPLISHMENT INSTRUCTIONS

Step 1

Visually inspect the boot.

- If there are signs of the boot coming loose, it must be removed and replaced. Skip to Step 3.
- If there are no signs of the boot coming loose, proceed to step 2.

Step 2

Review the log book entries to determine the number of hours the PROP GUARD™ boot has been in service.

- If the boot has been in service for more than five (5) hours of flight time, the boot does NOT require replacement. Skip to Step 5.
- If it has less than five (5) hours of flight time, at the owner's discretion, either:
 - Proceed to Step 5 and continue to monitor boot as per normal pre-flight inspections or)
 - Remove and replace the boot by proceeding to Step 3.

Step 3

Contact McFarlane for a replacement kit.

Step 4

Remove the defective boot and replace as per the instructions given in the PROP GUARD™ kits.

Step 5

Make appropriate aircraft log book entries.

CREDIT INFORMATION

McFarlane will replace, at no cost, any affected PROP GUARD™ kits. Ground freight shipping will be included.

DISTRIBUTION

This service bulletin has been distributed to McFarlane customers and distributors that have purchased any of the affected product. The latest revision of this service bulletin may be found at www.mcfarlaneaviation.com. If you have received this service bulletin and are no longer the owner or operator of the aircraft please forward this urgent information to the current owner or operator. For further information or questions call (800) 544-8594 or (785) 594-2741. All persons are free to copy this information if it is copied in its entirety, with no alterations, substitutions or additions.