

DATE: June 10, 1975

SUBJECT: SPINNER BULKHEAD PRELOAD

SERIALS AFFECTED: AA5B-0001 thru AA5B-0040

TIME OF COMPLIANCE: At next scheduled inspection, or sooner at owner's discretion.

#### GENERAL

Field reports indicate that some aircraft in the above listed serials affected may require the addition of shims between the spinner bulkhead and the propeller to provide the proper bulkhead preload. If a preload of .10 inch was not obtained on the original installation, the bulkhead may rotate and/or the spinner may wobble, resulting in bulkhead and/or spinner failure.

To confirm that the proper preload was obtained, the following one time inspection and adjustment if necessary, should be accomplished in the time of compliance indicated.

#### INSPECTION/ADJUSTMENT

1. Remove spinner attach screws and inspect spinner, bulkhead and backplate for cracks and general condition. Replace or repair all items that are cracked or damaged.
2. Assemble bulkhead to the propeller and fully seat in hub hole.
3. Position spinner over bulkhead and backplate, and adjust to provide an equal overlap around backplate. Measure spinner attach screw hole and nutplate hole lineup and install a maximum of six 5502035-2 Shims (each shim is .020 thick) between bulkhead and propeller to obtain a preload of .10 inch.
4. Install spinner.

#### PARTS INFORMATION

Shims, part number 5502035-2, price \$.50 (E) each, are available from your authorized Grumman American Aviation Corporation Dealer.

#### CREDIT INFORMATION

Since this Service Letter may be accomplished at a scheduled inspection, no labor allowance will be available for compliance, however, a full parts credit will be allowed for all aircraft serials affected.

All work must be performed or authorized by a Grumman American Aviation Corporation Dealer or representative and a completed Warranty Claim Form No. GAA-740, submitted to the factory prior to January 1, 1976, for credit allowance.