

DATE: February 17, 1977

SUBJECT: ENGINE PRIMER O.RING REPLACEMENT

SERIALS AFFECTED: AA1-0001 thru 0459, AA1A-0001 thru 0470, AA1B-0001 thru 0679, AA5-0001 thru 0834, AA5A-0001 thru 0297, and AA5B-0001 thru 0413.

TIME OF COMPLIANCE: At the next scheduled inspection not to exceed 100 hours flight time or six (6) calendar months--whichever occurs first.

GENERAL

Recent production changes have incorporated Engineering improvements that provide more durable O.Rings in the K-2403-2 by replacement of existing O.Rings with Viton NAS-1593-012.

MODIFICATION

1. Unscrew knurled retaining cap and remove plunger.
  2. Remove existing O.Rings.
  3. Install (2) NAS-1593-012 O.Rings.
  4. Lightly lubricate O.Rings with straight mineral oil per MIL-L-6082. Suggested sources for this oil are: Shell Oil Company - Aeroshell, Chevron Oil Company - Chevron Aviation Oil, Mobil Oil Company - Avrex, and Continental Oil Company - Conoco Aero Oil.
  5. Add -1 suffix to part number (steel stamp or Vibro etch). Number shall then read K-2403-2-1.
  6. Reassemble
- NOTE: DO NOT PUMP DRY

PARTS AVAILABILITY

The Viton NAS-1593-012 O.Ring is available through your authorized Grumman American Dealer.

CREDIT

Since the subject covered in this Service Letter is a design improvement and a normal service item, no parts or labor allowance will be available for compliance.

Very truly yours,

GRUMMAN AMERICAN AVIATION CORPORATION

REB:rjm

Distribution (01)