

R22 SERVICE LETTER SL-91

R44 SERVICE LETTER SL-80

R66 SERVICE LETTER SL-38

DATE: 30 June 2021

TO: R22-series, R44-series, & R66 Owners, Operators, & Maintenance Personnel

SUBJECT: A462-4 Fitting Attachments

EFFECTIVITY: A462-4 fitting attachments using NAS1149E0363R uncoated CRES washers.

BACKGROUND: Improvements have been made to powerplant-related control attachments that utilize an A462-4 fitting to reduce the potential of in-service binding. To increase reliability, improvements may be retrofitted at operator's discretion.

COMPLIANCE PROCEDURE:

The following are affected:

- R22-series: Attachment to carburetor mixture control arm
- R44-series: Attachment to mixture control arm on carburetor or fuel-injection servo
- R66: Attachment to cabin heater control valve
 - Attachment to fuel [shutoff] valve
 - Attachment to throttle arm on collective stick
 - Attachment to GPFCU throttle arm
 - Attachment to GPFCU fuel cutoff arm
 - Attachment to F822-1 arm on actuator (to PTG)

Upgrading each attachment requires (2) C141-26 black-oxide-coated washers & (1) A130-48 spacer (Revision BT or subsequent).

1. Referring to applicable Maintenance Manual (MM), gain access to component to be upgraded.
2. Remove palnut (if installed) & nut securing A462-4 fitting and discard adjacent washer.
3. Remove A130-48 spacer within arm of component and discard.

(OVER)

4. Avoid bending attached control wire and remove remaining washer from A462-4 fitting; discard washer.
5. Clean hole in arm of component.
6. Install black C141-26 washer on A462-4 fitting and position fitting in component arm hole.
7. Lubricate new A130-48 spacer with A257-1 grease, install on A462-4 fitting, and position spacer within component arm hole.
8. Install black C141-26 washer on A462-4 fitting followed by nut.
9. Adjust component control accordance with applicable MM and lightly tighten nut. Special torque nut to 27 in.-lb, install & standard torque new palnut per MM (if installed), and apply torque seal.
10. Verify full and unrestricted travel of controlled arm at component.
11. Make appropriate maintenance record entries.

