

R44 SERVICE BULLETIN SB-105

DATE: 21 August 2020

TO: R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: Alternator Filter Installation

EFFECTIVITY: R44 helicopters factory-equipped with Automatic Direction Finder (ADF) equipment and R44 Police version helicopters.

TIME OF COMPLIANCE: Within next 100 flight hours or by 30 November 2020, whichever occurs first.

BACKGROUND: Certain R44-series helicopters were delivered with a filter installed to reduce alternator electrical noise. The manufacturer of the filters no longer has FAA approval to produce parts, and a filter failure has been reported. This bulletin requires replacement of the filter with one from a different manufacturer.

COMPLIANCE PROCEDURE:

1. Refer to Figure 1. Open left engine inspection cowl door, and determine whether an AK 950-FTR filter is installed (mounted to vertical firewall).
2. If an AK 950-FTR filter is installed, order one KI-273 RFI Filter Replacement Kit.
3. Install KI-273 Kit per kit instructions.
4. Make appropriate maintenance record entries.

(OVER)

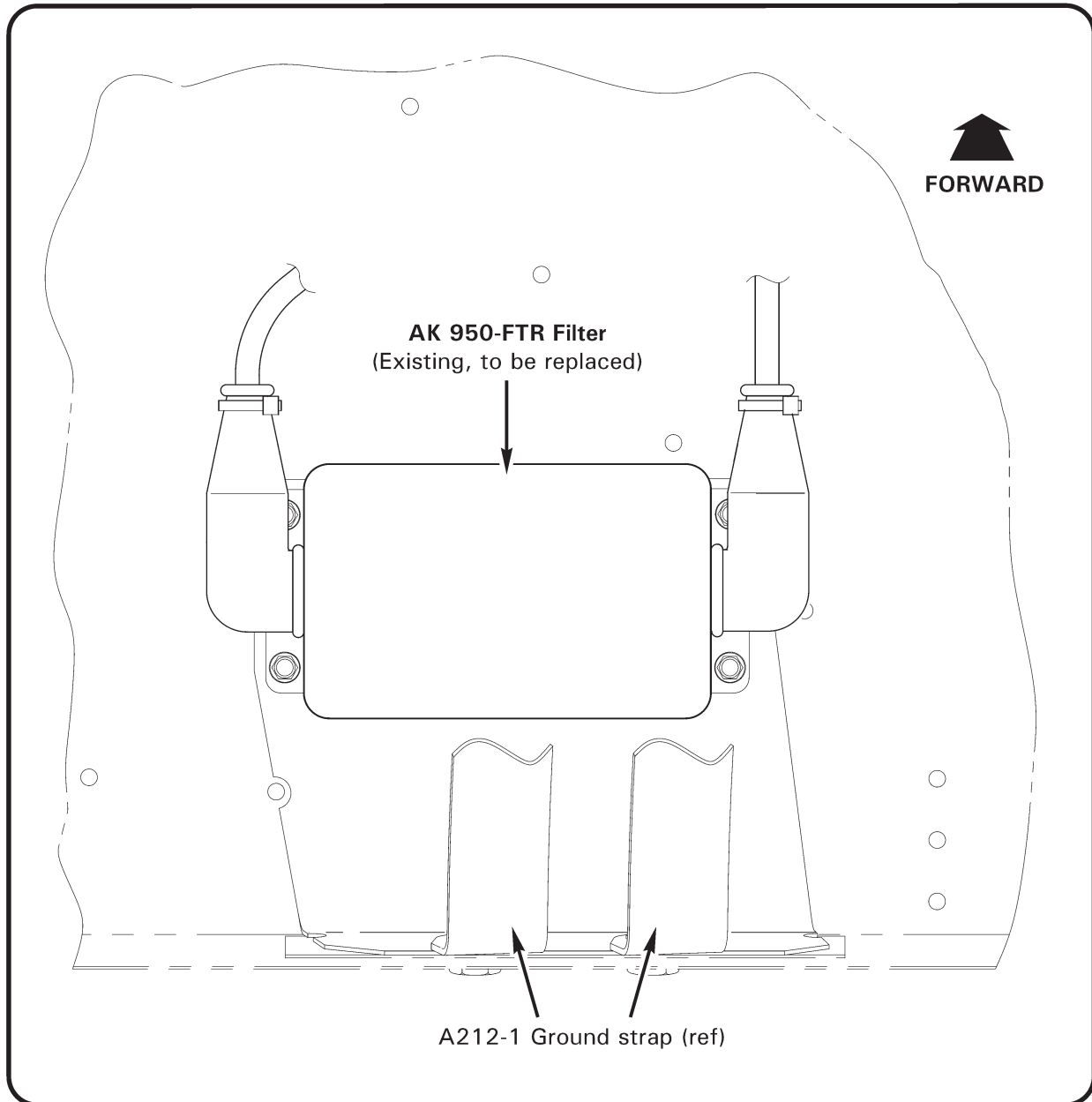


FIGURE 1 REFERENCE VIEW OF EXISTING AK 950-FTR FILTER

APPROXIMATE COST:

Parts: \$560 for KI-273 if ordered by 30 November 2020. Reference helicopter serial number when ordering.

Labor: 2.0 man-hours.

THE DESIGN ENGINEERING ASPECTS OF THIS BULLETIN HAVE BEEN SHOWN TO COMPLY WITH APPLICABLE FEDERAL AVIATION REGULATIONS AND ARE FAA APPROVED.