

R22 SERVICE BULLETIN SB-107

DATE: 30 May 2012

TO: R22 owners, operators, and maintenance personnel

SUBJECT: Fuel Cap Decal

ROTORCRAFT AFFECTED: R22 helicopters S/N 0002 thru 4552.

TIME OF COMPLIANCE: By 31 July 2012.

BACKGROUND: Fuel cap alignment stripes are required by regulation and necessary for the pilot to verify fuel caps are properly secured. An improperly secured cap may come off in flight. This bulletin requires inspection of fuel cap alignment stripes, refurbishing as required, and installation of decals to aid in use of the stripes.

COMPLIANCE PROCEDURE:

1. Refer to Figure 1. Remove A689 fuel cap from main tank and inspect condition of cap and gasket. Install fuel cap and verify security. Replace gasket and/or cap if cap is not snug when tightened or visual inspection is not satisfactory.
2. Verify fuel cap is striped in two places 180° apart, and A250 neck is striped in one place facing outboard. If cap or neck is not striped, or if stripes have deteriorated, paint stripes per Figure 1 as follows:
 - a. Clean surfaces to be painted using a lint-free, clean cloth dampened with acetone. Allow surfaces to dry.
 - b. Apply flat black (Dupont Imron L0001 + 13803S activator, or equivalent, for light-colored ships) or white (Dupont Imron L0774 +13803S activator, or equivalent, for dark-colored ships) polyurethane enamel, mixed in accordance with paint manufacturer's recommendations, to surfaces.
3. Attach D682-44 decal to A689 fuel cap as shown.
4. Repeat steps for auxiliary tank, if installed.
5. Make appropriate maintenance record entries.

(OVER)

Approximate Cost:

Parts: No charge for two (2) D682-44 decals (included with SB mailing). \$0.70 for each additional decal.

Procure parts from any R22 Dealer or Service Center, or order directly from assigned [RHC Customer Service Agent](#) via email, fax, or phone.

Labor: 1 man-hour.

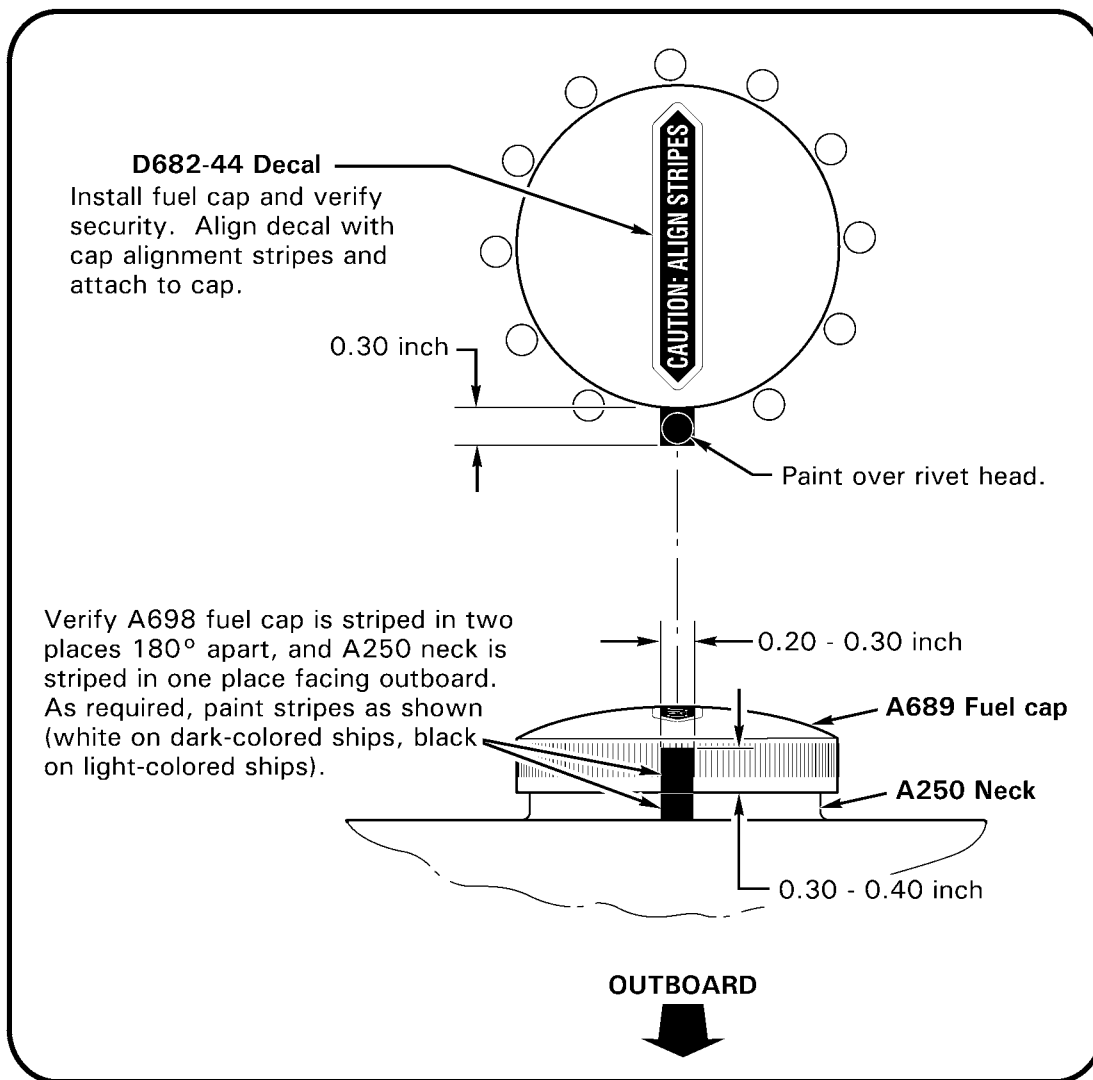


FIGURE 1

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