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ALERT SERVICE BULLETIN

ASB No. AA-00138

SAFETY ALERT NOTICE

POTENTIAL PROBLEM AND SOLUTION

SUBJECT: **HOIST SUPPORT FAIRING ASSEMBLY:**
P/N 412-147-102 and associated
CENTER BRACKET ASSY P/N 412-147-113,
BRACKET ASSY P/N 412-147-112

HELICOPTER AFFECTED: Bell 412 Model S/N 36109 with the subject Hoist Support Fairing and Bracket Assemblies installed.

COMPLIANCE: This bulletin shall be complied with immediately upon receipt.

DESCRIPTION: This Alert Service Bulletin is being issued to require removal of the Hoist Support Fairing and attaching Brackets.

AAI is concerned that when operated in maritime environments the Fairing, rather than protecting from corrosion, could encourage moisture collection and inhibit visual inspection of the Support Tube and Electrical Cables. Note that the Fairing is not environmentally sealed.



IF OWNERSHIP OF AIRCRAFT HAS CHANGED PLEASE FORWARD THIS BULLETIN TO NEW OWNER

DESCRIPTION (continued)

Once the Hoist Support Fairing is removed, the components previously enclosed by the Fairing will be protected by the following corrosion protection measures incorporated during production:

Hoist Support Tube-Zinc Plated per ASTM B633-85, Type II. Also primed by spray on the exterior and fill & drain on the interior with Epoxy Polyamide per MIL-P-23377.

Hoist Electrical Cables-Utilized MIL-Spec wiring, connectors and back shells and enclosed with RNF-100-3/4 Heat shrink Tubing.

MAN POWER:

Approximately 0.5 hours.

MATERIAL:

None

WEIGHT AND BALANCE:

Not affected.

PUBLICATIONS AFFECTED:

None affected.

ACCOMPLISHMENT INSTRUCTIONS:

1. Remove the screws attaching the Fairing Top to the Fairing Bottom.
2. Remove the screws attaching the Fairing Top and Fairing Bottom to the Center Bracket Assembly plus the inboard and outboard Bracket Assemblies.
3. Remove the Fairing Top and the Fairing Bottom.
4. Remove the screws which attach the two sections of the Bracket Assemblies and remove the Brackets and Spacers from the Hoist Support Tube.
5. Inspect the components previously enclosed by the fairing for corrosion and if corrosion is detected, contact Aeronautical Accessories, Inc. for repair criteria.

Any questions regarding this bulletin should be addressed to:

AERONAUTICAL ACCESSORIES, INC.
PRODUCT SUPPORT
1-800-251-7094

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