

**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. HN-68

DATE 15 April 1974

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FAA APPROVED

SUBJECT: TERMINAL INSPECTION/MODIFICATION - NI-CAD
BATTERY PN 369A4530 AND 369H4540

MODELS AFFECTED: All 369H Series Helicopters having subject battery and
batteries furnished as shares replacement, delivered
from 1 June 1973 through 1 February 1974.

TIME OF COMPLIANCE: Part I Inspection.
At next daily inspection on installed batteries following
receipts of this notice; prior to installation of spare batteries.
Part II Modification.
At next "Deep Cycling" of battery.

PREFACE: Instances of looseness between the battery terminal and cable have been
observed. This condition can promote corrosion, erratic current flow, and
under certain conditions a run-away battery.

This Service Information Notice provides instructions for an inspection
of the terminals to determine if an immediate problem exists. Part II
of the Notice outlines a modification of the terminals to correct the
problems noted in the first paragraph.

REFERENCE

369 Basic Handbook of Maintenance Instruction, Issued 1 October 1972,
Revision #3, 1 January 1974

CAUTION

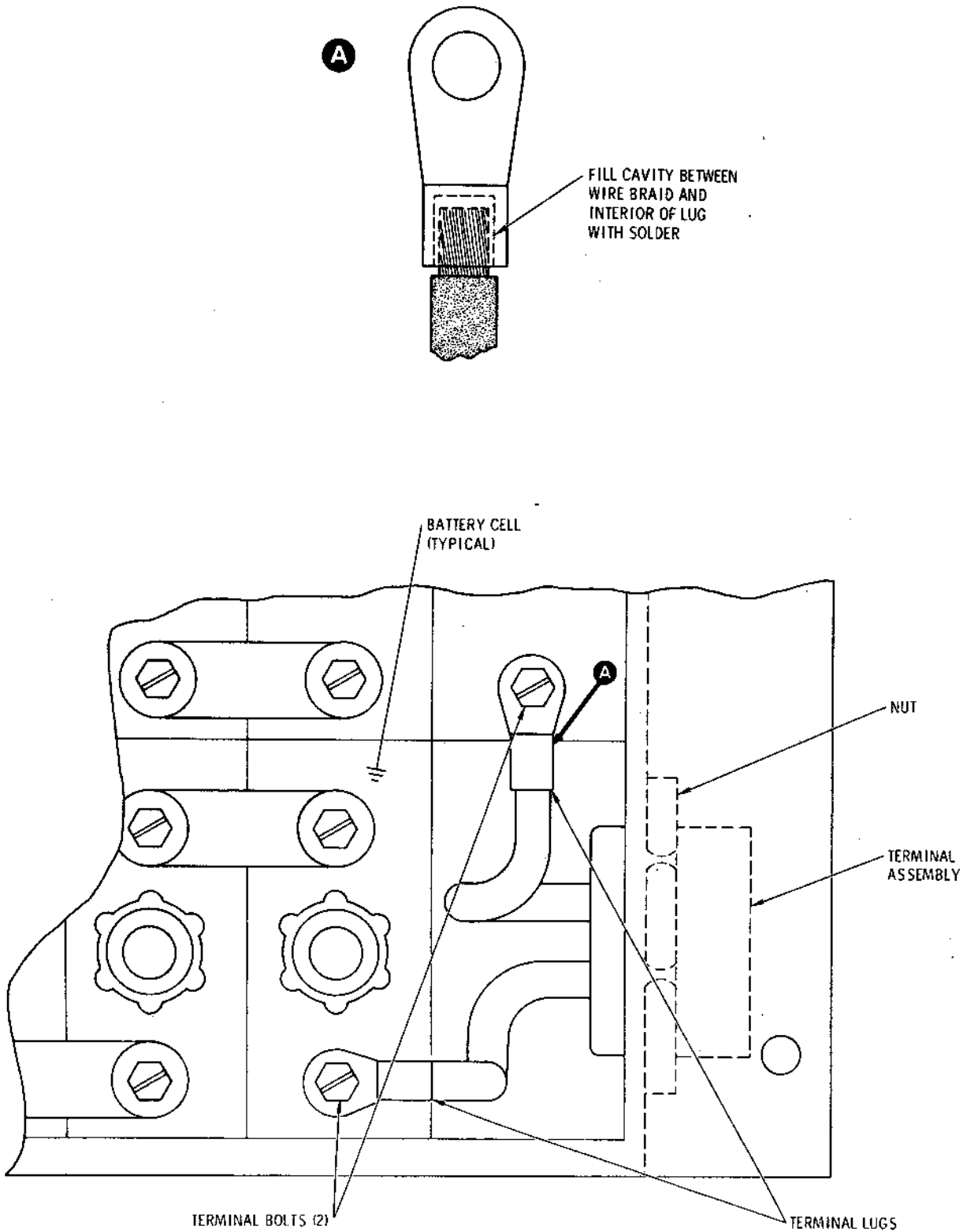
Fire or explosion can occur if open flame is used adjacent to battery.

Exercise care not to damage insulation. Shrink sleeving may be installed if required.

- f. Inspect lug and wire for solid joint.
- g. Install terminal assembly on battery in reverse order of removal.
- h. Identify battery by stenciling "T - S" on battery.
- i. Torque terminal bolts to 15-18 inch-pounds.
- j. Record compliance with this Service Notice in Compliance section of Helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.



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Figure 1. Battery terminal inspection - modification