



SCHWEIZER SERVICE INFORMATION LETTER

LETTER NO. L-110.1*

DATE 19 November 1982

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*Supersedes Service Information Letter
No. L-110, dated 18 April 1980.

SUBJECT: 24V BATTERY RELAY, PN MS24166D1 - CORROSION PROTECTION AND
RELAY REPLACEMENT

MODELS AFFECTED: All Model 269A (TH-55A) and Model 269C Helicopters equipped
with 24-volt electrical system

Reference

269 Series - Basic HMI, Reissued 15 March 1982.

269 Series - HMI Configuration Supplement C, Reissued 15 September 1982.

269 Series - HMI Configuration Supplement TH-55A, Issued 1 September 1970, Revised
15 October 1978

Field reports indicate that the subject PN MS24166D1 battery relay where installed on
helicopters operated off ships at sea, or in a salt water environment, has become
inoperative due to corroded electrical contacts and coil leads.

Since this relay is an unsealed type with exposed leads, it is recommended that owners
operating in a corrosive environment, as a deterrent to corrosion, clean the battery
relay coil leads and apply RTV 732 (Dow Corning) or equivalent MIL-S-8660B sealant
over the leads, and over the openings into the relay cover and around the joint where
the cover and the relay base join.

It is also recommended that, when replacement of the MS24166D1 relay is required, an
equivalent sealed type relay (SAS4401) be installed.

Edward Koch, Manager
Customer Service Department
Hughes Helicopters, Inc.

(|) Denotes portion of text added or revised.

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

Action Reference: When performing inspection or maintenance of battery relay, refer to Service Information Letter No. L-110.1 for application of sealant as deterrent to corrosion if helicopter is operated in salt water environment.

HMI Reference: Insert this page in 269 HMI Supplement C, Section 16, page 16-5, or HMI Supplement TH-55A, Section 16, page 16-1, as applicable.

This reference sheet shall be kept as a part of the manual until the data is incorporated at the next scheduled revision of the 269 HMI Supplement C or Supplement TH-55A. Refer to Service Information Summary, page i of HMI Supplement.