



# SERVICE BULLETIN

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**MANDATORY**

## WIRING MODIFICATION – UTILITY LIGHT CIRCUIT AND TRANSMISSION OIL PRESSURE AND TEMPERATURE WARNING LIGHT CIRCUIT

### 1. PLANNING INFORMATION

#### A. MODELS AFFECTED:

All 500 Model 369H, 369HE and 369HS Helicopters

#### B. PREFACE:

The information given in this Service Information Notice lists a procedure for rewiring the utility light circuit and the transmission oil pressure temperature warning light circuit on Model 369H, 369HE and 369HS helicopters. The purpose of the wiring modification is to eliminate deactivation of the utility light and transmission warning light circuits in the event the engine power out (EPO) unit is deactivated by tripping the EPO circuit-breaker.

#### C. TIME OF COMPLIANCE:

Shall be accomplished within next 100 hours of helicopter operation

#### D. FAA APPROVAL:

FAA/DER APPROVED 15 SEPTEMBER 1980

#### E. WEIGHT AND BALANCE:

Weight and balance not affected

#### F. REFERENCE:

500 Series – Basic HMI, Issued I October 1972; Revision No. 7, 15 December 1976

#### G. PARTS LIST:

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Lug, terminal	MS25036-149	1	Commercial

#### H. MATERIALS:

MATERIAL	
Nomenclature	Source
Paint, white – acrylic or equivalent	Commercial

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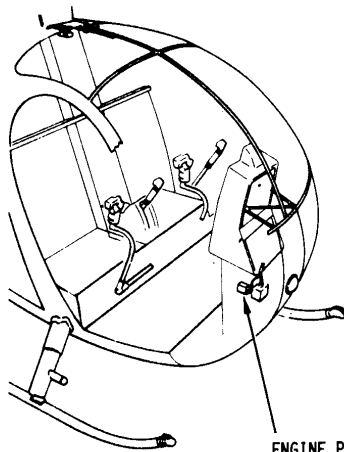
## 2. PROCEDURE

- a. Check that all electrical power is OFF.
- b. Remove instrument panel hood and side fairings. (Refer to Section 17 of Basic. HMI. )
- c. Remove circuit breaker panel from instrument console. (See Figure 1. )
- d. Disconnect electrical wiring harness connector from EPO warning unit plug (P19). (Refer to Section 19, Basic HMI. )
- e. Disconnect existing transmission warning light circuit wire No. E518A22 from pin K of P19 wiring harness connector plus (or from pin K of P3 plug if VAPAIR EPO unit is installed).
- f. Connect wire No. E518A22 to PNL LT circuit breaker CB104-2, using terminal lug MS25036-149.
- g. Remove existing UTIL LT circuit wire No. L531A22 (or MAP LT circuit wire No. E531A22 on early helicopters) from ENG OUT circuit breaker CB106-2 on panel; connect wire No. L531A22 (or E531A22) to N2 GOV circuit breaker CB103-2 on panel.
- h. Check wiring modification for discrepancies.
- i. Reinstall circuit breaker panel; reconnect EPO wiring harness connector; reinstall instrument panel fairings and hood.
- j. Make wiring changes in respective wiring diagrams, Section 20 of Basic HMI.
- k. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

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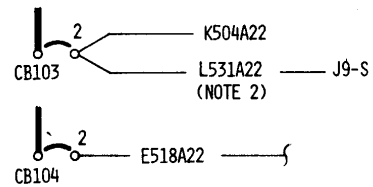
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ENGINE POWER OUT WARNING UNIT CONNECTOR P19 OR P3\* (NOTE 1)

**NOTES:**

1. P3 ENGINE POWER OUT WARNING UNIT USED ON EARLY HELICOPTERS ONLY (REF BSC HMI SECTION 20 WIRING DIAGRAMS)
2. MAP LIGHT WIRE NO. E531A22 USED ON EARLY HELICOPTERS. (REF BSC HMI SECTION 20 WIRING DIAGRAMS)



L531A22 (NOTE 2)	CB103-2	MS25036-149
E518A22	CB104-2	MS25036-149

**Figure 1. Wiring Modification - Utility Light And Transmission Warning Light**

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