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DATE: 17 January 2010

REVISION: A

AIRCRAFT MODEL: Husky A-1C 180 and A-1C 200

SUBJECT: ELT AK-451-() Series Remote Battery

SERIAL NUMBERS AFFECTED: 3057-3079

Engineering Data is FAA Approved

DESCRIPTION

The battery in the remote switch for the ELT may be being drained, therefore making the remote unusable. This however does not affect the function of the ELT.

COMPLIANCE

Complete the installation instruction of this service bulletin using appropriate F.A.A. authorized mechanics. Complete and send compliance letter to appropriate addresses.

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PARTS LIST

NO. REQ.	CODE NUMBER	PART NUMBER	DESCRIPTION
2	----	RJ-12	Connector Plugs
1	----	DL1/3NB	Duracell Lithium Battery 3 volt

INSTALLATION INSTRUCTIONS*

Before proceeding make sure you have Installation and Operation Manual for Model AK-451-() Series Document number IM-451 Rev NC-4.1c or later FAA approved revision

1. Disconnect wire number 71 from negative side of battery at flight station 135. Turn ELT off (flight station 135).
2. Remove fairing, side skylight (top right wing) flight station 67 Aviat Aircraft Inc. part number 35371-001.
3. Remove fairing, wing root (top right wing) flight station 67 Aviat Aircraft Inc. part number 35424-002.
4. **NOTE: make sure wires are aligned in connector so both outside connections are open and the orientation of the connector and wires (colors) are the same as they were.**
 - a. Unplug remote wiring cable assembly, Ameri-King part number 4500041.
 - b. Cut off connector.
 - c. Strip cable assembly using wire crimper stripper termination tool. (Manufacturer: Ideal, part number 30-496 or equivalent).
 - d. Terminate brown and orange wires.
 - e. Attach connector part number RJ-12 using Ideal tool.
5. Unplug T-adapter (Ameri-King Part No. 4510181) from rear of ELT remote switch.
6. Remove ELT Remote Switch (Ameri-King Part No. 450004) from sight gage panel inside cockpit. Flight station 67 upper right side by removing four PK screws.
7. Replace Battery. Replacement Battery: Duracell DL1/3NB 3volt (Lithium). Refer to Installation and Operation Manual for Model AK-451-() Series Document number IM-451 Rev NC-4.1c. Section 2.5.2.
8. Reinstall in reverse order.
9. Perform System Integration Test: Refer to Installation and Operation Manual for Model AK-451-() Series Document number IM-451 Rev NC-4.1c. Section 3.3.3.

10. Complete Performance Test Marking and Log Book Entry: Refer to Installation and Operation Manual for Model AK-451-() Series Document number IM-451 Rev NC-4.1c. Section 3.5.6 page 81.

Reference: Aviat Aircraft Inc. Parts Manual A-1C 180 70154-009 and
Parts Manual A-1C 200 70154-010 for Aviat Aircraft
Inc. parts referred to in Installation Instructions.

For any further question please call Aviat Aircraft Inc. at (307) 885-3151 extension 50.

***NOTE:**

- Only FAA authorized repairmen should perform the following instructions.
- It is the responsibility of owner/operator to have FAA authorized repairmen perform this work.

COMPLIANCE LETTER

This is to certify that I have completed Service Bulletin 27 on airplane:

Serial Number _____ Registration Number _____

Model Number _____ in accordance with Service Bulletin No. 27.

Date: _____ Aircraft Hours: _____ Hours

Signed: _____

Return completed letter to:

Engineering
Sky International, Inc.
P.O. Box 1240
Afton, WY 83110
Fax: 307-885-9674

Send copy to:

Federal Aviation Administration
Denver Aircraft Certification Office
Attn: Roger Caldwell
26805 East 68th Avenue, Room 214
Denver, CO 80249-6361
Fax: 303-342-1088