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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

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**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**

<b>NO. REQ.</b>	<b>CODE NUMBER</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>
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 68<sup>th</sup> Avenue, Room 214  
Denver, CO 80249-6361  
Fax: 303-342-1088