



Service Information Letter



SIL# 3-121630-0709
July 6, 2009

SUBJECT: RF80-K Battery Caution Label

MODELS: 121630-001 RF80-K
121630-006 RF80-K (CE)
121630-002 RF80-K SAFT®
121630-007 RF80-K SAFT® (CE)

SUMMARY: MarathonNorco Aerospace, Inc. is requiring that a Battery Caution Label (P/N 594800-021) be affixed to the lip underneath the front control panel for all RF80-K units. We request that all Christie Authorized Service Centers affix this label to all RF80-Ks during repair or calibration.

BACKGROUND: (See SIL# 2-121630-0209) The RF80-K Operator's manual includes the following important caution regarding proper procedures for connecting and disconnecting batteries.

CAUTION
ALWAYS TURN THE AC POWER SWITCH OFF BEFORE
CONNECTING OR DISCONNECTING A BATTERY.

The RF80-K incorporates a large output filter capacitor which is isolated from the battery using a heavy-duty contactor until AC power is turned ON. If the unit is powered-up before the battery is connected, and then a battery is connected, the output capacitor will be immediately charged by the battery resulting in a high current spike which can damage the battery and RF80-K output connectors.

Operation with no battery connected can damage the RF80-K over time, potentially resulting in venting of the output capacitor rendering the RF80-K unserviceable. It is possible under some conditions for the output capacitor to rupture violently, causing catastrophic damage to the RF80-K and venting of the capacitor electrolyte.

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The Battery Caution Label (P/N 594800-021) is an explicit reminder to the operator that they are required to make our instructions a part of their habitual practices when servicing batteries on the RF80-K.

RECOMMENDED PROCEDURES: When an RF80-K comes in for repair or calibration, the Battery Caution label is to be affixed to the lip underneath the front control panel for all RF80-K as shown below:



This label is required for the unit to be certified as calibrated. Labels are available from the Christie Division of MarathonNorco Aerospace upon request or can be printed by the operator based on drawing 594800-021 available on page 3.

WARRANTY: The RF80-K has a standard 3 year warranty for parts and labor. The warranty does not cover annual calibration. Failure to follow the proper power-on and battery connection procedures as stated in the RF80-K Operator's Manual and this Service Information Letter will void the RF80-K warranty.

MARATHONNORCO AEROSPACE (Christie Division) CONTACT INFORMATION:

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**CAUTION: ALWAYS TURN AC POWER SWITCH OFF BEFORE CONNECTING OR DISCONNECTING BATTERY.
NEVER TURN AC POWER SWITCH ON WITHOUT A BATTERY CONNECTED.**

594800-021

NOTES:

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1. MATERIAL - YELLOW VINYL W/ BLACK CHARACTERS
CLEAR OVERLAMINATION
SQUARE CORNERS
2. FONT - AERIAL NARROW, APPROX. 0.3 (28 POINT)
AT 80% CONDENSATION WITH TIGHT TRACKING.
3. FONT SIZE TO BE MODIFIED TO FIT TEXT WITHIN STICKER DIMENSIONS.