

## **Service Bulletin Number 160X.( )-23-3764**

### **Installation of the Novega Green 90 ULB in the CVFDR, CVR, and FDR**

#### **A. Effectivity**

This Service Bulletin applies to Universal Avionics Cockpit Voice Flight Data Recorder (CVFDR) P/N 1605-0X-0X, Cockpit Voice Recorder (CVR) P/N 1606-0X-0X, and the Flight Data Recorder (FDR) P/N 1607-00-00.

#### **B. Compliance**

Installation of the Novega ULB is optional; units returned for repair will have the ULB changed to the Novega Green 90 only when specifically requested.

Current manufacturing procedures will incorporate the changes included in this Service Bulletin for units ordered specifying the installation of the Novega ULB.

Installation of the Novega ULB changes the unit part number as shown in the Description Section of this Service Bulletin.

This change is considered minor, but could impact aspects of installation, certification and approval.

#### **C. Description**

The CVFDR family of recorders has had a Dukane ULB installed since initial TSOA. A minor hardware change allocates new hardware part numbers to reflect the installation of the lithium-free Novega Green 90 ULB. Both ULBs will be available on the CVFDR product line. The new added part numbers for units that have the lithium-free Novega Green 90 ULB installed are identified as follows:

| <b>Model Designation</b> | <b>Component Description</b> |
|--------------------------|------------------------------|
| P/N 1605-00-1X           | CVFDR                        |
| P/N 1605-01-1X           | CVFDR w/RIPS                 |
| P/N 1606-00-1X           | CVR                          |
| P/N 1606-01-1X           | CVR w/RIPS                   |
| P/N 1607-00-10           | FDR                          |

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### **D. Approval**

Conforms to:

TSO-C123b, C124b, C155, and C177

EASA.IM.210.1157, ETSO-C123b, C124b, C155, C177

### **E. Weight and Balance**

No change.

### **F. Cost and Availability**

Universal Avionics will not be responsible for labor or other costs involved in removal and replacement of the unit. Universal Avionics will pay the cost of return shipping if the unit is still under warranty. Prior to shipping the unit, contact our Repair Station for pricing, scheduling, and shipping details.

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