

UNAPPROVED PARTS NOTIFICATION

SUSPECTED UNAPPROVED PARTS PROGRAM OFFICE, AVR-20
13873 PARK CENTER ROAD, SUITE 165
HERNDON, VA 20171



U.S. Department
of Transportation
**Federal Aviation
Administration**

UPNs are posted on the Internet at <http://www.faa.gov/avr/sups/upn.cfm>

No. 2003-00066
September 8, 2004

Mailed by: FAA, AIR-140, P.O. Box 26460, Oklahoma City, OK 73125

AFFECTED PART

Illuminated pushbutton switch found on MD-11 and MD-11F series aircraft.

INTRODUCTION

The purpose of this notification is to advise all aircraft owners, operators, maintenance organizations, manufacturers, and parts distributors regarding the unapproved manufacture of illuminated pushbutton switches by the Eaton Corporation, Aerospace Controls Division.

BACKGROUND

Information received during a Federal Aviation Administration (FAA) Aircraft Certification Evaluation Program conducted at Eaton Corporation, Aerospace Controls Division (Eaton), located at 1640 Monrovia Avenue, Costa Mesa, CA 92627, revealed the unapproved manufacture of illuminated pushbutton switches. The switches are applicable to MD-11 and MD-11F series aircraft and were sold through distributors between 1999 and early 2002. The switches, listed below, were not produced in accordance with FAA requirements for manufacturing replacement parts and are therefore considered to be unapproved.

| Part Name | Part Number |
|------------------|--------------------|
| Switch | 851-35778-105 |
| Switch | 851-35778-114 |
| Switch | 851-35778-119 |
| Switch | 851-35778-121 |
| Switch | 851-35778-139 |
| Switch | 851-35778-145 |
| Switch | 851-35778-148 |
| Switch | 851-35778-150 |

RECOMMENDATIONS

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, and parts distributors should inspect their aircraft and/or parts inventory for any of the part numbers listed above. Suspect switches installed on aircraft should be inspected for conformity to type design. If they are found in existing stock, it is recommended that the switches be quarantined to prevent installation until a determination can be made regarding each part's eligibility for installation.

Effective May 21, 2002, Eaton received an FAA Parts Manufacturing Approval for the referenced switches. The company has agreed to replace and/or credit any referenced switch that is returned.

FURTHER INFORMATION

Further information concerning this investigation, and guidance regarding the above-referenced switches, may be obtained from the FAA Manufacturing Inspection District Office (MIDO) given below. In addition to its recommendations, the FAA would appreciate any information concerning the discovery of the switches, the means used to identify the source, and the actions taken to remove the switches from service.

This notice originated from the FAA Transport Airplane Directorate, Los Angeles MIDO, 3960 Paramount Blvd., Lakewood, CA 90712-4137, telephone (562) 627-5291, fax (562) 627-5293; and was published through the FAA Suspected Unapproved Parts Program Office, AVR-20, telephone (703) 668-3720, fax (703) 481-3002.