

SERVICE INFORMATION NO. SI 20-028

SERVICE INFORMATION NO. SI 22-015

NOTE: SI's are used **only**.
1) To distribute information from DAI to our customers.
2) To distribute applicable information / documents from our suppliers to our customers with additional information.
Typically there is no revision service for SI's. Each new information or change of that will be send along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

DV 20 all aircraft with ELT ACK Model E-01 installed
DV 22 all aircraft with ELT ACK Model E-01 installed

1.2 Subject:

ACK Service Bulletin SB E-01.8
ATA-Code: 25-00

1.3 Reason:

ACK has issued a Service Bulletin which contains information about the performance of a G switch test which is installed in ELT Model E-01.

1.4 Information:

For detailed technical information see ACK Service Bulletin which is applicable without any further additions or restrictions.

II. OTHERS

The Service Bulletin SB E-01.8 from ACK is attached to this SI.

In case of doubt contact Diamond Aircraft Industries.



**SERVICE BULLETIN SB E-01.8
July 9, 2005
MODEL E-01 ELT AFFECTS ALL SERIAL NUMBERS**

The manufacturer of the G switch used in the model E-01 ELT has recommended that switches that have been in service five years or longer be replaced or a more frequent switch testing program be developed to insure proper function of the switch.

The switch manufacturer has found that switches that have been in service for various periods of time can deteriorate the gold plating in the inside of the barrel and ball forming a powder like residue which can cause the G switch to momentarily stick. This phenomena is most often found in switches that have been in aircraft that are subject to higher levels of shock and vibration and have been in service 5 years and longer.

Based upon these recommendations the following procedures should be followed

ELT's that have been in service between 5 and 7 years

Replace the G switch or perform the G switch test as described in Appendix A paragraph 4 of our Installation and Operation manual every four (4) months

ELT'S that have been in service between 7 and 9 years

Replace the G switch or perform the G switch test as described in Appendix A paragraph 4 of our Installation and Operation manual every four (3) months

ELT'S that have been in service 10 or more years

Replace the G switch

To replace the G switch the ELT must be returned to our facility.

The Installation and Operation manual can be downloaded from our web site www.ackavionics.com