

**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 three (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, or replaced in compliance with SB E-01.9*

*The Installation and Operation manual can be downloaded from our web site [www.ackavionics.com](http://www.ackavionics.com)*