



MID-CONTINENT I N S T R U M E N T S

Wichita, Kansas USA

Service Reminder

Sealed Lead Acid (SLA) Standby Battery

Part Number: 9015607 used on 4300-XXX Electric Attitude Indicator w/battery backup, and MD421 Battery Module for the MD420 Battery System.

Part Number: 9016925 used on MD421-1 Battery Module for the MD420-1 Battery System.

CONTINUED AIRWORTHINESS

This reminder is to advise of the proper maintenance for the SLA Standby Battery manufactured by Mid-Continent Instrument Co., Inc. Regular maintenance of the SLA Standby Battery should be done at the following intervals.

1. In normal use the aircraft power system supplies the proper float charge voltage to maintain the SLA Standby Battery at peak capacity. If the aircraft has not been operated for an extended period (more than 3 months) the SLA Standby Battery will slowly self-discharge. Self-discharge rates are directly related to the storage temperature. The higher the storage temperature the faster the self-discharge rate. Therefore, the SLA Standby Battery should be periodically charged or removed from the installation and maintained on a charger per the applicable installation manual.

******WARNING******

The SLA Standby Battery may be permanently damaged if it is left in a discharged state. Recharge a discharged SLA Standby Battery as soon as possible and maintain with a float charge for maximum standby battery life.

2. On at least an annual basis, as well as any time there may be a question about the SLA Standby Battery performance (life) a full capacity test should be performed. To perform a full capacity test, refer to the applicable system installation manual.

******WARNING******

Battery out gassing and a rotten egg odor may occur due to prolonged high rate overcharging and may result in SLA Standby Battery damage. MCI recommends that the SLA Standby Battery assembly be replaced if out gassing has occurred.

3. Recommended complete replacement interval for the SLA Standby Battery is 3 years because of diminished capacity.



NOTE: The SLA Standby Battery contains lead. Do not dispose of in local landfills or other environmentally sensitive areas.



NOTE: Recycle the SLA Standby Battery in accordance with state and local regulations. For recycle locations visit www.rbr.com or call 1-800-8-BATTERY (1-800-822-8837)