



## SERVICE BULLETIN

23-454-01 rev. Orig.  
Issued: November 21, 2012

SUBJECT: CO Detector Model 454 replacement.

### 1. COMPLIANCE

Recommended: Accomplish this Service Bulletin at...(when?)... Compliance time begins upon receipt of this Service Bulletin.

### 2. EFFECTIVITY

P/N 454-201-001B S/N 10008-10331

### 3. APPROVAL

Issued under our TSO approval authority.

### 4. PURPOSE

FAR 23.831 states "All Aircraft must have CO below 50PPM." FAA TSO C48a states the CO Detector must go into an alarm mode if the CO rises above 50 PPM within 5 minutes.

CO Guardian has recently discovered that the CO Detector model 454 issued with above affectivity can go into an alarm mode if the CO rises above 20 PPM instead of the 50 PPM required by the TSO. This may cause an early warning to the MFD thus causing the pilot to be prematurely concerned of CO build up in the cabin.

### 5. WARRANTY INFORMATION

TBD

### 6. MANPOWER REQUIREMENTS

0.5 man-hours.

7. WEIGHT AND BALANCE

N/A

8. MATERIAL INFORMATION

The following parts are required to comply with this Service Bulletin: CO Detector Model 454, P/N 454-201-001B S/Ns 10332 and above.

9. ACCOMPLISHMENT INSTRUCTIONS

- A. Remove the effective S/Ns of CO Detector Model 454, P/N 454-201-001B.
- B. Replace with CO Detector Model 454, P/N 454-201-001B S/Ns 10332 and above.
- C. Update the Aircraft Logbook by noting compliance with SB 23-451-01.