



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

SAFO

Safety Alert for Operators

SAFO 10013
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Flight Standards Service
Washington, DC

http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/safo

A SAFO contains important safety information and may include recommended action. SAFO content should be especially valuable to air carriers in meeting their statutory duty to provide service with the highest possible degree of safety in the public interest. Besides the specific action recommended in a SAFO, an alternative action may be as effective in addressing the safety issue named in the SAFO.

Subject: Misidentification of TCM/Bendix D-2000/D-2200 dual magnetos

Purpose: This SAFO provides safety information to the public of improperly identified magnetos for which airworthiness directives (AD) apply.

Background: During an investigation of TCM/Bendix D-2000/D-2200 magnetos the housing was found to be misidentified as D-3000. Additionally, the investigation discovered the following information.

- An additional 2 distributor hold down screw holes are being added to the D-2000 housing, along with coil mount bolts, similar to the newer D-3000 housing.
- Several D-2000 magneto data plates identified the magnetos as D-3000 housing.
- The D-2000/D2200 magnetos also have several ADs that must be performed: AD 78-18-04 to prevent loss of ignition; and AD 79-18-06 and AD 80-17-14 which require a distortion check.
- The D-3000 housing is re-enforced to prevent distortion and to allow material strength for installation of the additional distributor block and coil mounting hardware. The D-2000 housing is not reinforced.

Discussion: The Federal Aviation Administration (FAA) has been unable to determine the source of the improperly identified magnetos, but it is important that owners and maintenance personnel are aware that it exists and take appropriate precautions during inspection and verification of AD compliance.

The FAA approved alterations to the D-2000 magneto that allows the installation of additional distributor hold down fasteners. However, these approvals do not constitute an alternate method of compliance (AMOC) and all pertinent D-2000 ADs apply.

Recommended Action: Necessary steps should be taken any time maintenance or inspection is performed on aircraft and aircraft engines using TCM/Bendix dual magnetos to ensure conformity to type design. It may not be sufficient to make assumptions, based on data plate information, that the part and/or data plate has not been altered. You should report findings of noncompliance to your local Flight Standards District Office.

Contact: Questions or comments regarding the content of this SAFO should be directed to the Manager, General Aviation Branch, AFS-350, at (202) 385-6435.