

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: 2012-20120104008

Date: July 27, 2012

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

AFFECTED PRODUCTS:

Cessna Aircraft Company - Model 172N Airplanes; and
Lycoming Engines - Model O-320-H2AD Engines

PURPOSE:

This notification advises all aircraft owners, operators, maintenance organizations, and parts distributors, of the listed model of aircraft and engine, which unapproved parts were sold and may have been installed on these aircraft or engines.

BACKGROUND:

During the course of a Federal Aviation Administration (FAA) audit of Superior Air Parts, Inc., located at 621 South Royal Lane, Suite 100, Coppell, Texas, an FAA inspector discovered that crankshaft bearings, part number SL14105A M03 were sold without FAA production approval. These crankshaft bearings were marked "FAA-PMA" along with the part number. Sales of this part occurred before the new Title 14 Code of Federal Regulations (14 CFR) part 21 became effective on April 16, 2011.

RECOMMENDATIONS

14 CFR § 21.303(a) states in part, no person may produce a modification or replacement part for sale for installation on a type certificated product unless it is produced pursuant to a parts manufacturer approval (PMA). We recommend that aircraft owners, operators, maintenance organizations, and parts distributors inspect their aircraft records and parts inventory for these unapproved parts produced by Superior Air Parts. If any of these suspect parts are found in existing stock, the FAA recommends segregating the unapproved parts to prevent inadvertent installation.

FURTHER INFORMATION

You can obtain further information concerning this investigation and guidance regarding the above-referenced parts from the FAA Manufacturing Inspection District Office (MIDO) shown below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of this or similar parts, the means used to identify the source, and the action taken to remove them from aircraft and/or parts inventories.

This notice originated from the FAA Fort Worth MIDO, 2601 Meacham Blvd., Fort Worth, Texas 76137; telephone (817) 222-5189; fax (817) 222-5995.