

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: 2010-20090528001

Date: March 22, 2010

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

AFFECTED PRODUCTS:

All airplanes with locking fastener nuts, part number NAS1291C3M, installed.

PURPOSE:

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors regarding locking nut, part number NAS1291C3M, lot number 1648-000, manufactured by MacLean – ESNA of Pocahontas, Arkansas, and distributed by B/E Aerospace Consumables Management of Carson, California, with a possible defect to the nut causing fasteners to strip and/or the nut to spin.

BACKGROUND:

Information received by the Federal Aviation Administration (FAA) during a Suspected Unapproved Parts (SUP) investigation indicated that there were non-conforming locking nuts, part number NAS1291C3M, lot number 1648-000, which may have been manufactured without the crimp on the nut. Locking nuts that do not have the crimp can cause the fastener to strip and/or the nut to spin.

RECOMMENDATIONS:

Code of Federal Regulations (CFRs) requires that parts installed on type-certificated products conform to their FAA approved type design. Aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and distributors are encouraged to inspect their aircraft and/or aircraft parts inventory for the referenced part number and lot number. If these locking nuts are found in existing inventory or installed on an airplane, it is recommended that they be quarantined and/or removed and replaced to prevent failure during installation.

FURTHER INFORMATION:

You can obtain further information concerning this investigation from the FAA Manufacturing Inspection District Office (MIDO) listed below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above-referenced parts from any source, the means used to identify the source, and the actions taken to remove the parts from inventories.

This notice originated from the FAA Los Angeles MIDO, 3960 Paramount Blvd., Lakewood, CA 90712, telephone (562) 627-5385, fax (562) 627-5319/5293.