

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No: 2016-20121019011

Date: July 27, 2016

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

AFFECTED PRODUCTS

Intel microprocessor, Intel part number MG80C186-12/B, government part number 5962-8850102ZA.

PURPOSE

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors regarding counterfeit Intel microprocessors sold by the Harry Krantz Company, LLC and Bay Components, LLC, Inc.

BACKGROUND

Information received during a FAA Suspected Unapproved Parts (SUP) investigation revealed that between 2005 and 2008, Harry Krantz Company LLC, 50 Heartland Blvd, Brentwood, NY 11717, sold over 1000 falsely marked microprocessors to Bay Components, LLC, Inc., 600 Callahan Road, North Kingstown, Rhode Island 02852-8523. Bay Components, LLC, Inc. in turn supplied the counterfeit microprocessors to a FAA Production Approval Holder who reported the counterfeit parts to the FAA.

Many of the counterfeit microprocessors sold by Harry Krantz Company LLC and Bay Components LLC, Inc. have these markings:

Date Code "832" or "9832"

Batch Number "M832100B"

Batch ID "464724338P" with date-code "832"

RECOMMENDATIONS

Regulations require that type-certificated products conform to their type design. Aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors are encouraged to inspect their aircraft and/or aircraft parts inventory for the referenced part number. If these microprocessors are found in existing inventory, it is recommended that they be quarantined to prevent installation until a determination can be made regarding their eligibility for installation.

FURTHER INFORMATION

Further information concerning this investigation may be obtained from the FAA Manufacturing Inspection District Office (MIDO) identified below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the above-referenced microprocessors from any source, the means used to identify the source, and the actions taken to remove the microprocessors from products/articles and/or parts inventories.

This notice originated from the FAA Bradley MIDO, 1699 King Street, Suite 206 Enfield, CT 06082, Telephone (860) 386-1850.



Figure 1. Counterfeit microprocessor