

Airworthiness Directive

▶ Federal Register Information

▼ Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-5585; AD 87-06-09

Airworthiness Directives; MECHANICAL PRODUCTS, INC. Model 4001, 4200, 4310, and 8500 Series Circuit Breakers

PDF Copy (If Available):

▼ Preamble Information

AGENCY: Federal Aviation Administration, DOT

DATES: Effective April 27, 1987.

▼ Regulatory Information

87-06-09 MECHANICAL PRODUCTS, INC.: Amendment 39-5585. Applies to the following 4001, 4200, 4310, and 8500 Series circuit breakers:

Mechanical Products Designation	Military Designation	Ampere Rating	Date Code
4001 Series	MS22073	1 thru 5	8501 thru 8636
4200 Series	MS26574	1/2 thru 5	8430 thru 8636
4310-001, -019 Series	MS3320	1 thru 5	8605 thru 8636
8500 Series	(None)	1 thru 5	8514 thru 8636

This AD does not apply to circuit breakers produced or installed prior to July 23, 1984, (the thirtieth week of 1984), or to circuit breakers which have been inspected by the manufacturer, found free of defect, marked with a white inverted Z or a T painted on the terminal end, and have an additional date code with an "R" prefix.

NOTE 1: As an aid in identification, the bodies of these circuit breakers are blue or black in color.

NOTE 2: The date codes listed above are used to identify the year and week of manufacture; i.e., 8430 indicates the thirtieth week of 1984, and 8636 indicates the thirty-sixth week of 1986. These date codes may be found on the top, side, or bottom of the circuit breakers.

NOTE 3: As an example, the unit may have the additional date code of R8642, where "R" designates a retest by Mechanical Products, 86 indicates the year 1986, and 42 indicates the 42nd week of 1986.

Compliance: Required as indicated after the effective date of this AD.

To prevent possible loss of essential equipment, electrical fire, or electrical shock hazard on aircraft, accomplish the following:

(a) Within six months after the effective date of this AD, accomplish the following:

(1) Visually inspect for installation in aircraft of any of the applicable circuit breakers and prior to further flight remove all units from service, or

(2) Visually inspect for installation in aircraft of any of the applicable circuit breakers in accordance with the instructions contained in Mechanical Products Service Instruction (identification on the back page with the date 10/86) and, prior to further flight, remove all units from service, or

(3) Determine that none of the applicable circuit breakers are installed in aircraft by an examination of maintenance and/or purchasing records.

NOTE: Return of all affected circuit breakers to Mechanical Products, Inc., 1824 River Street, P.O. Box 729, Jackson, Michigan 49204, is recommend and may enhance replacement part availability.

(b) Aircraft may be flown in accordance with FAR 21.197 to a location where the AD may be accomplished.

(c) An adjustment to the compliance time or an equivalent means of compliance with this AD may be used if approved by the Manager, Chicago Aircraft Certification Office, ACE-115C, 2300 East Devon Avenue, Des Plaines, Illinois 60018.

All persons affected by this directive may obtain copies of the document(s) referred to herein upon request to Mechanical Products, Inc., 1824 River Street, P.O. Box 729, Jackson, Michigan 49204; or may examine the document(s) referred to herein at FAA, Office of the Regional Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment becomes effective on April 27, 1987.

▼ Footer Information

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