

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

[Docket No. FAA-2008-1070; Directorate Identifier 2008-NM-087-AD]; Amendment 15893
39-***; AD **] 2009-09-07

RIN 2120-AA64

Airworthiness Directives; Boeing Model 737-100, -200, -200C, -300, -400, and -500 Series Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: We are adopting a new airworthiness directive (AD) for all Boeing Model 737-100, -200, -200C, -300, -400, and -500 series airplanes. For all airplanes, this AD requires repetitive overhaul of the retract actuator beam of the main landing gear (MLG). For certain airplanes, this AD requires repetitive inspections for damage of the retract actuator beam, and related investigative and corrective actions if necessary. This AD results from reports of broken retract actuator beams of the MLG and the subsequent failure of the MLG to fully retract. We are issuing this AD to detect and correct broken retract actuator beams of the MLG, which could cause damage to the beam arm, hydraulic tubing, and flight control cables. Damage to the flight control cables could result in loss of control of the airplane.

DATES: This AD is effective [insert date 35 days after date of publication in the FEDERAL REGISTER].

The Director of the Federal Register approved the incorporation by reference of certain publication listed in the AD as of [insert date 35 days after date of the FEDERAL REGISTER].

CONCURRENCES
ROUTING SYMBOL -114 Tech Writer /DW
INITIALS/SIG DWilson
DATE 2/4/09
ROUTING SYMBOL Branch Engr. -1205/NM
INITIALS/SIG m WJ
DATE 2/24/09
ROUTING SYMBOL Branch Sr. Branch Mgr.
INITIALS/SIG [Signature]
DATE 3/1/09
ROUTING SYMBOL -AEG
INITIALS/SIG [Signature]
DATE attached
ROUTING SYMBOL -100S Mgr.
INITIALS/SIG D. Arlem
DATE 3/25/09
ROUTING SYMBOL -7
INITIALS/SIG [Signature]
DATE 4/06/09
ROUTING SYMBOL -101
INITIALS/SIG [Signature]
DATE [Signature]
ROUTING SYMBOL -100
INITIALS/SIG [Signature]
DATE 4/22/09

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INITIALS/SIG [Signature]
DATE 3/17/09
ROUTING SYMBOL -AEG
INITIALS/SIG [Signature]
DATE 3/13/09
ROUTING SYMBOL -100S Mgr.
INITIALS/SIG See
DATE attached
ROUTING SYMBOL -114
INITIALS/SIG R. [Signature]
DATE 4-16-09
ROUTING SYMBOL
INITIALS/SIG
DATE
ROUTING SYMBOL
INITIALS/SIG
DATE