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[4910-13-U]

DEPARTMENT OF TRANSPORTATION (DOT)

Federal Aviation Administration

14 CFR Part 39

19495-2

[Docket No. FAA-2004-+++++; Directorate Identifier 2003-NM-180-AD]

RIN 2120-AA64

Airworthiness Directives; Boeing Model 747-100, -100B, -100B SUD, -200B and -300B Series Airplanes; and Model 747SR and 747SP Series Airplanes

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: The FAA proposes to supersede an existing airworthiness directive (AD) for certain Boeing Model 747-100, -100B, -100B SUD, -200B and -300B series airplanes; and Model 747SR and 747SP series airplanes. That AD currently requires repetitive inspections to detect fatigue cracking in the upper deck floor beams located at certain body stations, and repair, if necessary. This proposed AD would lower the threshold for the existing inspections and would require new repetitive inspections of previously repaired areas, and repair if necessary. This proposed AD is prompted by the results of an additional detailed analysis that indicate fatigue cracks can initiate sooner than has previously been observed. We are proposing this AD to prevent failure of the upper deck floor beams at certain body stations due to fatigue cracking, which could result in rapid decompression and reduced controllability of the airplane.

DATES: We must receive comments on this proposed AD by [insert date 45 days after date of publication in the FEDERAL REGISTER].

ADDRESSES: Use one of the following addresses to submit comments on this proposed AD.

- DOT Docket web site: Go to <http://dms.dot.gov> and follow the instructions for sending your comments electronically.

CONCURRENCES
ROUTING SYMBOL 114
INITIALS/SIGNATURE S. Castle
DATE 7/20/04
ROUTING SYMBOL 1205
INITIALS/SIGNATURE HL
DATE 7/21/04
ROUTING SYMBOL 1005
INITIALS/SIGNATURE RN
DATE 8/17/04
ROUTING SYMBOL AEG
INITIALS/SIGNATURE
DATE SEE ATTACHED
ROUTING SYMBOL -7
INITIALS/SIGNATURE AEG
DATE 9/29
ROUTING SYMBOL -114
INITIALS/SIGNATURE
DATE
ROUTING SYMBOL -101
INITIALS/SIGNATURE KUF
DATE 10/21/04
ROUTING SYMBOL -100
INITIALS/SIGNATURE KUF
DATE 10/21/04