

Docket No. SA-520

Exhibit No. 11-F

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D. C.

Boeing Message Concerning Tooling

(2 Pages)

DATE: 14-Apr-00 12:47pm

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Message Number: Action File Name:

 M-7200-00-00975 M-7200-00-00975

Model: SEVERAL ATA: 2740-00

Subject: DC-9,MD-80,MD-90,B717 HORIZONTAL STABILIZER ACTUATOR ASSEMBLY -
 INSPECTION TOOLING

M-7200-00-00975 13 APR 00
 ATA 2740-00 MODEL SEVERAL
 DC-9,MD-80,MD-90,B717 HORIZONTAL STABILIZER ACTUATOR ASSEMBLY -
 INSPECTION TOOLING
 REF /A/ BOEING SERVICE BULLETIN (SB) DC9- 27A362 R2, DATED
 MARCH 30, 2000
 /B/ BOEING SERVICE BULLETIN (SB) MD90- 27A034 R2, DATED
 MARCH 30, 2000
 /C/ BOEING SERVICE BULLETIN (SB) 717- 27A0002 R2, DATED
 MARCH 30, 2000
 /D/ FEDERAL AVIATION ADMINISTRATION (FAA) AIRWORTHINESS
 DIRECTIVE (AD) 2000-03-051,EFFECTIVE DATE FEBRUARY 11,
 2000
 /E/ BOEING TOOL DRAWING NUMBER 4916750

The following message sent to all DC-9, MD-80, MD-90, 717 Field Service Bases for onward transmittal to the operator and to selected remote operators. A copy is provided to Boeing Regional Directors and Airline Resident Representatives.

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 Summary:

Operators are requested to ensure subject tooling conforms to the tool's drawing requirements.

In complying with reference (A) through (D), operators are required to perform repetitive wear checks of the horizontal stabilizer actuator assembly (End play / Freeplay).

The wear checks require the use of a restraining fixture (Tool P/N 4916750). Recent reports received by Boeing indicate that tooling not manufactured by Boeing is being utilized to perform the subject checks. In some cases, this tooling may not conform to the tool's drawing requirements.

Any variation in the tooling thread quality, pitch or amount of thread engagement can effect the wear check results. To maintain consistent results from the wear checks, operators are requested to ensure the restraining fixtures being utilized fully conform to the tool's drawing requirements. To assist operators in this effort a copy of reference (E) has been included as an attachment to revision 2 of the referenced service bulletins.

A limited quantity of tool sets are available from Boeing for purchase/lease :

Fax purchase order to:
 - Boeing Ram's Tooling
 FAX # 562-483-0725
 Attn: Richard Griffin

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If you need further information regarding this subject, please direct your request to your Boeing Field Service Representative or Chris Haughey, Airline Support Senior Management, M/C D035-0035, Telex 32-9430, STA DSE, SITA LKEB07X, Phone (562) [REDACTED] for Models 717, DC-8/-9/10 or MD-11/-80/-90

James E. Talay - Systems - Long Beach Division
Bill Staufenberg
Senior Manager - Airline Support
Boeing Service Engineering
Orgn M-7203 M/C 04-ER

jam 13 Apr 00 1709