

Docket No. SA-520

Exhibit No. 11-N

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D. C.

Elevator/Stabilizer Lubrication Task Card

(3 Pages)

Work Card # 28312000	<i>Alaska Airlines</i> MD80			Tail # 963	Page # 002 1 OF 3
Work Code # 00000	TITLE ELEVATOR/STABILIZER - LUBE			Type Check X X X X X	
Rev Date 01/06/98	A T A 12-00	M/Hours	Skill MECH	Task TC	Effectivity ALL

ZONE:
350



MATERIALS/TOOLS:

- L 0-0340-3-0118 GREASE-AEROSHELL 33 (BMS3-33)
- L 0-0340-3-0032 PARKER-O-LUBE

GRAPHICS:

E312000A E312001A E312004A

TEXT:

MECH INSP

PLEASE ENTER MIG-2 OR MIG-4 NUMBERS GENERATED BY THIS CARD:

NONE

INSPECTOR OR LEAD MECHANIC SIGNATURE/STAMP B LEWIS 55533

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RI

1. Lubricate Elevator (Ref. Graphic).

A. Left

B. Right

NOTE: If Graphic not available Refer to MM12-21-02, Fig's 306 and 307.

NOTE: Apply lubricant then move elevator surface full travel in both directions; reapply lubricant until it works through bearing.

Item No.	Item Description	Number of Fittings or Area
1	Elevator hinge	5
3	Hydraulic power boost cylinder attach end	1
4	Elevator inboard hinge	1
5	Control valve pushrod	1
6	Elevator follow-up pushrod	2

2. Lubricate Elevator Tabs (Ref. Graphic).

A. Left

B. Right

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ALL MAINT/INSPECT ITEMS

COMPLETED

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DATE: 9/24/99

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NOTE: Apply lubricant then move control surface through full travel inboard direction; reapply lubricant until it works through bearing.

ITEM NO.	ITEM DESCRIPTION	# OF FITTINGS OR AREA	APPLICATION
1	Geared tab linkage	2	Gun
2	Geared tab rod ends	3	Gun
3	Geared tab hinge	2	Gun
4	Control tab hinge (inboard)	1	Gun
5	Control tab rod ends	2	Gun
6	Control tab hinge	4	Gun
7	Anti-float tab rod ends	2	Gun
8*	Anti-float & geared tab bearing	-	Brush

NOTE: *Coat bearing area with Parker-O-Lube, or equiv.

3. Horizontal Stabilizer Lubrication

A. Open access doors 6307, 6308, 6306 and 6309.

B. Lube per the following

ITEM NO.	ITEM DESCRIPTION	NO. OF FITTINGS OR AREAS
*1.	MAIN GEAR BOX	1
2.	ACTUATOR ASSEMBLY	1
**3.	JACKSCREW	-
4.	SCREW GIMBAL	3
5.	HORIZONTAL STABILIZER HINGE	2
***7.	JACK SCREW STOP	-

* Check oil level and fill to fill plug with approved jet engine oil. oil capacity is appx. 0.6 pint.

** Apply light coat of grease to threads, then operate mechanism through full range of travel to distribute lubricant over length of jackscrew.

*** Fill cavity between screw and stop with Parker-O-Lube

C. Close access doors 6307, 6308, 6306 and 6309.

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***** END OF TEXT *****