

Project No: **BDHRN002**Job Card No **0074**

Notif.No.: 10049039

Activity: **1001**

Rev No: 20000622

Model.: F900EX

Sheet 1 of 1

A/C Regn: **D-AHRN**

Serial No.: 096

Type: F900EX

Starting Phase: Routine

Starting Work Centre: FALCON A/C TEAM

Job Description: **LUB Hstab Act Hinges/Jack Screw**

ETOPS A/C: No

RVSM A/C: No

Warranty: -

ATA: 27

Check Type: 2A CHECK

Work Center	
FALCON A/C	

Zone: 300**Access Required for this task:**

325AL,325AR,PAX

Corrective Action

0001	Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.					 Order: 80069211 Operation: 0010 Phase: Routine - scheduling activity Work Center:FALCON A/C TEAM
	Accomplished		Inspected			
	Pers. No.	Date	Pers. No.	Date		
	Stamp		Stamp			

Completed & Confirmed on SAP IAW MOE 2.13.

Defect Card Raised

Components Removed/Installed

	Part Number	Part Name	S/N	Location	Comm. Off/On
OFF					
ON					
OFF					
ON					
OFF					
ON					
OFF					
ON					

Occurance Report Raised? YES ☐

Operations Above & Notifications Completed IAW MOE 2.13.

OEM Code: 27-40-01-640-802

Operator Code: 27-40-01-640-802-01

Form No: JA-SAP-MTX-002

Printed by: ADAMOVIC G



Printed: 03.09.2012

13:34:17

Print No: 1

Operator: **HERON AVIATION**

Work Card No.: **27.260**

Serial No.: **096**

Model: **FALCON 900EX**

PKG # 2 2A INSPECTION

Reg No.: **D-AHRN**

Workorder No.: _____

	Date	A/C HRS	AFL	APH			
Due At	25-NOV-2012	4410:47					
Accomplished							

TECHNICIAN SIGNATURE: _____ KIND OF CERTIFICATE & NO.: _____

INSPECTED BY: _____ KIND OF CERTIFICATE & NO.: _____

TECH	INSP	LABOR-HRS HRS.MINS
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**>27-40-01-640-802- GREASING HORIZONTAL STABILIZER ACTUATOR HINGES
01 AND JACK SCREW**

REMARKS : _____

AMM 27-40-01-640-802

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TASK 27-40-01-640-802

GREASING OF THE HORIZONTAL STABILIZER ACTUATOR HINGES AND JACK SCREW

WARNING: SERIOUS PERSONNEL INJURIES CAN RESULT FROM OPERATIONS ON ACTIVE FLIGHT CONTROLS IF THE FOLLOWING INSTRUCTIONS ARE NOT OBSERVED:

- THE FLIGHT CONTROLS MANEUVERING SPACES MUST BE UNOBSTRUCTED,
- APPROPRIATE SAFETY FENCES AND WARNING LIGHTS MUST BE INSTALLED AROUND THE AIRCRAFT,
- THE PERSONNEL INSIDE THE FENCED AREA MUST BE AWARE OF THE ONGOING OPERATIONS AND OF THE ASSOCIATED HAZARDS.

1. OVERVIEW OF THE JOB

Operation code: 27-40-01-640-802-01 horizontal stabilizer electric actuator (**3CF**)

2. LOGISTICS

A. References

Reference	Designation
• <u>24-00-00-860-801</u>	ENERGIZATION / DE-ENERGIZATION OF THE AIRCRAFT

B. Tools and Ground Support Equipment

Reference	Designation	Quantity
• <u>F7XC202000008</u>	TOOL BOX	
• <u>TO-20-947</u>	EMPENNAGE ACCESS PLATFORM	

C. Ingredients and Consumable Products

Designation	Additional designation
• <u>SYNTHETIC GREASE</u>	MIL-PRF-81322

D. Energy

- ELECTRICAL

E. Access

Reference	Designation
• <u>325AL</u>	FIN ROOT ACCESS DOOR
• <u>325AR</u>	FIN ROOT ACCESS DOOR
• <u>PAX</u>	PASSENGER DOOR

F. Miscellaneous

- SAFETY FENCES (LOCAL PROCUREMENT)
- WARNING LIGHTS (LOCAL PROCUREMENT)
- SPATULA (LOCAL PROCUREMENT)
- OR
- BRUSH (LOCAL PROCUREMENT)

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3. PRELIMINARY STEPS

Refer to **fig. 1**

- A. Install the safety fences and the warning lights.
- B. Remove access doors (**325AL**) and (**325AR**).
- C. Connect the electrical ground power unit (Refer to **TASK 24-00-00-860-801**, paragraph "Connection of the Electrical Ground Power Unit").

4. GREASING OF HORIZONTAL STABILIZER ACTUATOR HINGE PINS

Refer to **fig. 1** and **fig. 2**

WARNING: PERSONNEL INJURIES CAN RESULT FROM ANY OPERATION ON FLIGHT CONTROL SYSTEM EQUIPMENT. ELECTRICAL POWER SUPPLY IS PROHIBITED WHEN GREASING THE HINGE PINS.

- A. Place a "DANGER, DO NOT OPERATE FLIGHT CONTROLS" placard in plain sight on the cockpit pedestal.
- B. Grease hinge pins (1) of horizontal stabilizer electric actuator (**3CF**) with **synthetic grease** through :
 - two grease nipples (5), one on each side of stirrup (4).
 - two elbow grease nipples (2) and (3), perpendicular to grease nipples (5) on stirrup (4).
- C. Remove the "DANGER, DO NOT OPERATE FLIGHT CONTROLS" placard from the cockpit pedestal.

5. GREASING OF HORIZONTAL STABILIZER ACTUATOR JACK SCREW

Refer to **fig. 1** and **fig. 2**

NOTE: This procedure requires two operators:

- One operator in the cockpit for actuating HS pilot or copilot dual rocker (**L8TB2**)/(**R8TB2**) on control wheel (**L8TB**)/(**R8TB**),
 - One operator for greasing HS actuator jack screw (6)
- A. Energize the aircraft systems (Refer to **TASK 24-00-00-860-801**, paragraph "Energization with the Electric Ground Power Unit").
 - B. Command the full deflection of the HS to "nose-down" stop or "nose-up" stop, using HS pilot or copilot dual rocker (**L8TB2**)/(**R8TB2**).
 - C. Greasing of jack screw (6) (**fig. 2**, detail C)
 - (1) Open access cover plate (7) located below stirrup (4).
 - (2) Actuate the HS from an electrical stop to the next for point-by-point greasing, using HS pilot or copilot dual rocker (**L8TB2**)/(**R8TB2**).
 - (3) Grease jack screw (6) point-by-point with **synthetic grease** through greasing hole (8), using a spatula or a brush.

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- (4) Command the HS deflection to the take-off position, using HS pilot or copilot dual rocker (**L8TB2**)/(**R8TB2**).
 - (5) Read the HS take-off position on the "STAB" green sector (a) of trim position indicator (**2DQ**).
 - (6) Fill greasing hole (8) with **synthetic grease**.
 - (7) Close access cover plate (7).
- D. De-energize the aircraft systems (Refer to **TASK 24-00-00-860-801**, paragraph "De-Energization with the Electric Ground Power Unit").

6. FINAL STEPS

Refer to **fig. 1**

- A. Disconnect the electrical ground power unit (Refer to **TASK 24-00-00-860-801**, paragraph "Disconnection of the Electric Ground Power Unit").
- B. Install access doors (**325AL**) and (**325AR**).
- C. Remove the safety fences and the warning lights.

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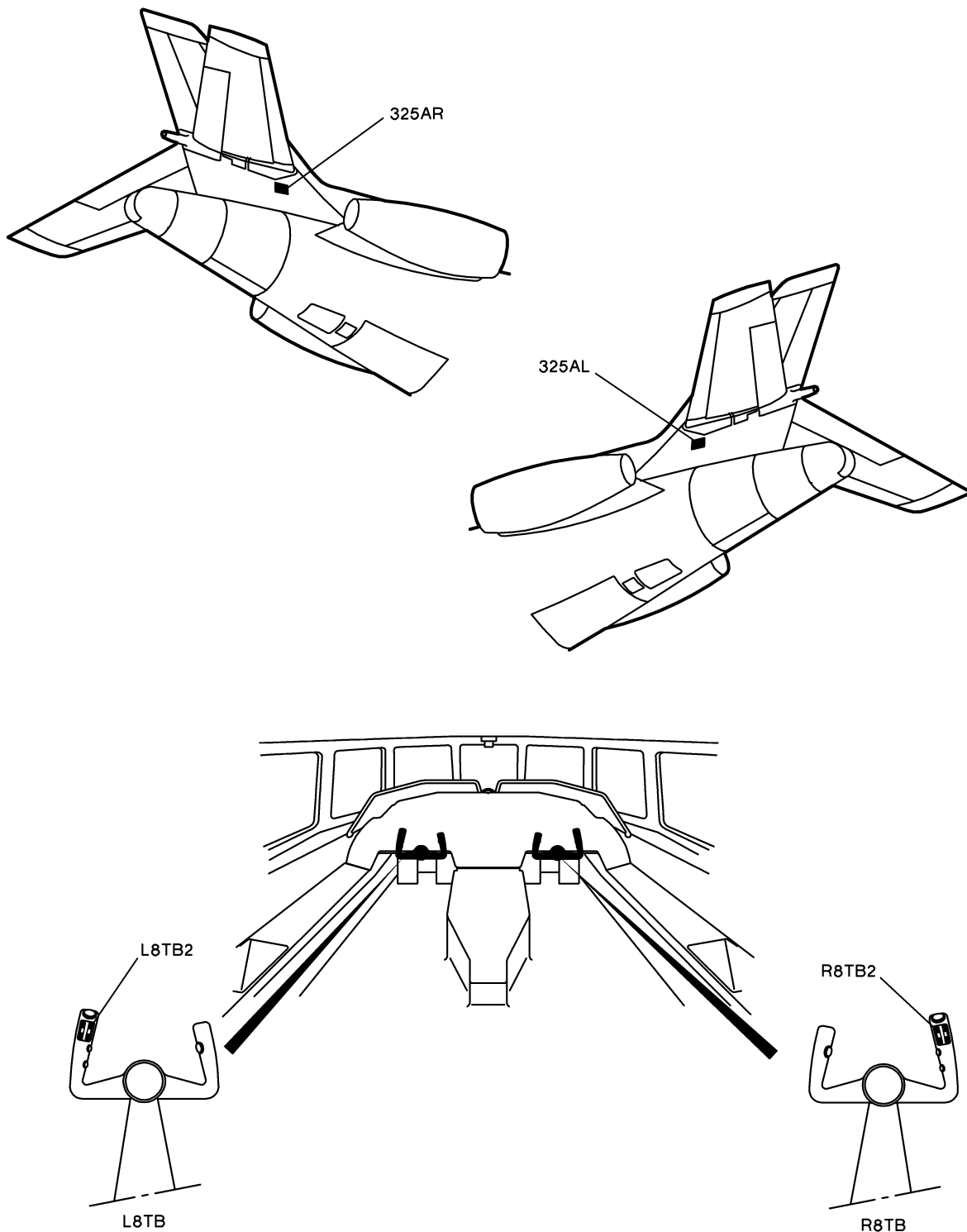


Figure 1: Location of doors, Controls and Indications

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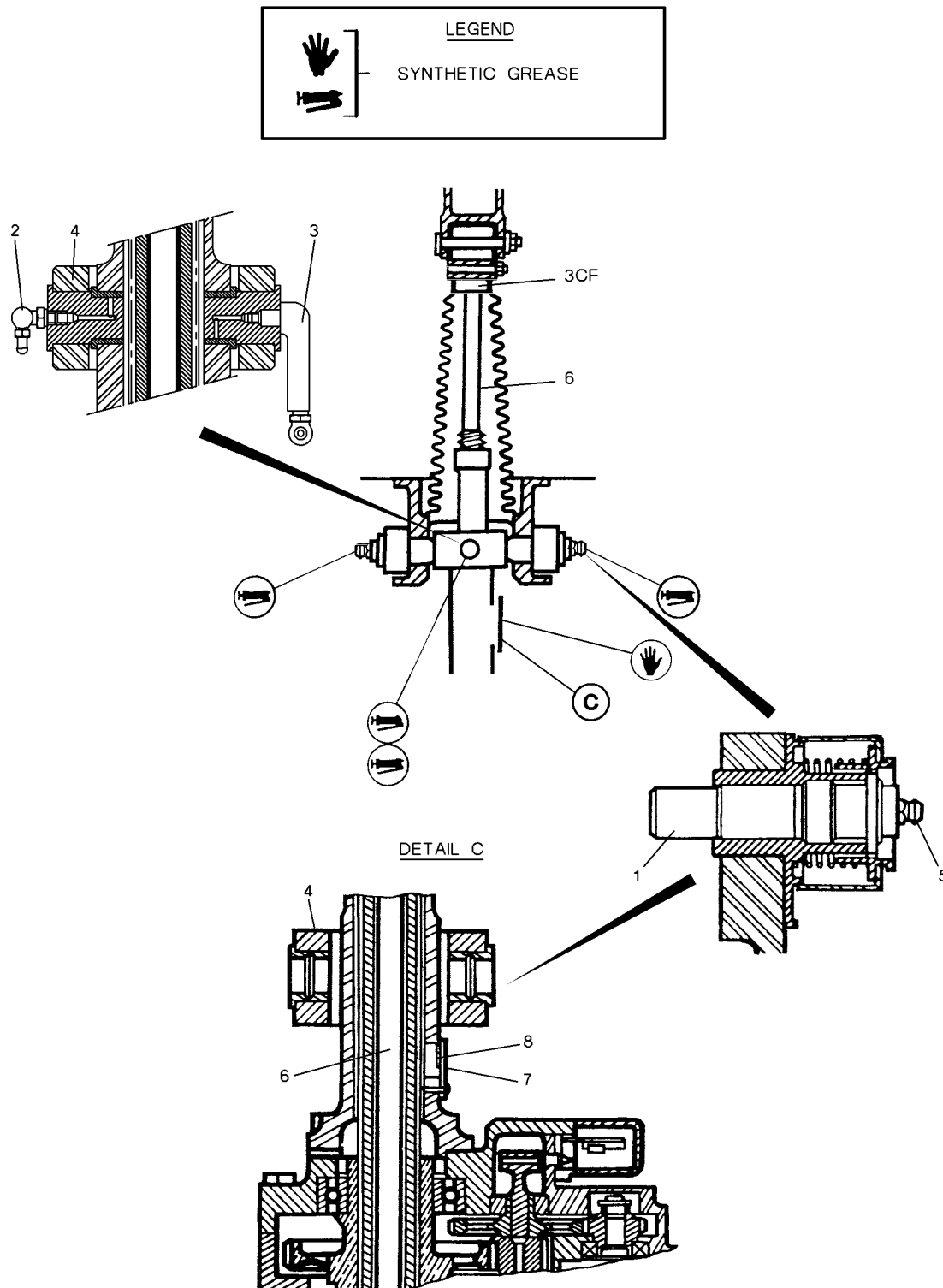


Figure 2: Location of Greasing Points