

Project No: **BDHRN002**Job Card No **0054**

Notif.No.: 10049103

Activity: **1003**

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 LG Hyd Emer Extension Control Cable**

ETOPS A/C: No

RVSM A/C: No

Warranty: -

ATA: 32

Check Type: 2A+ Inspection

Work Center	
FALCON A/C	

**Zone: 200****Access Required for this task:**

251CL,PAX

## Corrective Action

0001	<b>Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.</b>				  Order: 80069270 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 &amp; Notifications Completed IAW MOE 2.13.



OEM Code: 32-32-17-640-801

Operator Code: 32-32-17-640-801-01

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.: **32.130**

Serial No.: **096**

Model: **FALCON 900EX**

**PKG # 12 2A+ INSPECTION**

Reg No.: **D-AHRN**

Workorder No.: \_\_\_\_\_

	Date	A/C HRS	AFL	APH			
Due At	<b>25-NOV-2012</b>						
Accomplished							

TECHNICIAN SIGNATURE: \_\_\_\_\_ KIND OF CERTIFICATE & NO.: \_\_\_\_\_

INSPECTED BY: \_\_\_\_\_ KIND OF CERTIFICATE & NO.: \_\_\_\_\_

TECH	INSP	LABOR-HRS HRS.MINS
------	------	-----------------------

**>32-32-17-640-801- LUBRICATION OF THE LANDING GEAR (L/G) HYDRAULIC  
01 EMERGENCY EXTENSION CONTROL**

\_\_\_\_\_

REMARKS : \_\_\_\_\_

AMM 32-32-17-640-801

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

### TASK 32-32-17-640-801 SERVICING OF THE LANDING GEAR HYDRAULIC EMERGENCY EXTENSION CONTROL

**WARNING: IF THE AIRCRAFT IS JACKED UP, THE LANDING GEARS MUST BE EXTENDED AND LOCKED. HYDRAULIC SYSTEMS NO. 1 AND NO. 2 MUST BE DEPRESSURIZED.**

#### 1. OVERVIEW OF THE JOB

Operation codes:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• 32-32-17-640-801-01</li> <li>• 32-32-17-640-801-02</li> </ul> | <p>Lubrication of the L/G hydraulic emergency extension control</p> <p>Check of control actuation loads</p> |
|--|---|

#### 2. LOGISTICS

##### A. References

Reference	Designation
• <u>32-32-17-810-901</u>	TROUBLESHOOTING OF THE LANDING GEAR HYDRAULIC EMERGENCY EXTENSION CONTROL

##### B. Tools and Ground Support Equipment

Reference	Designation	Quantity
• <u>F7XC202000008</u>	TOOL BOX	
• <u>TO-20-959</u>	DYNAMOMETER	

##### C. Ingredients and Consumable Products

Designation	Additional designation
• <u>LUBRICATING OIL</u>	

##### D. Access

Reference	Designation
• <u>251CL</u>	WING ROOT UPPER ACCESS DOOR
• <u>PAX</u>	PASSENGER DOOR

##### E. Miscellaneous

- LINTFREE CLOTH (LOCAL PROCUREMENT)
- "DO NOT OPERATE" SAFETY PLACARD (LOCAL PROCUREMENT)

#### 3. PRELIMINARY STEPS

##### A. In the cockpit

- (1) Disengage "L/G CONTROL" circuit breaker (1GA)
- (2) Place a "DO NOT OPERATE" safety placard on the L/G control lever (2GA).

##### B. Remove door (251CL).

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

---

### 4. LUBRICATION OF THE L/G HYDRAULIC EMERGENCY EXTENSION CONTROL

Refer to **fig. 1**

**CAUTION:** AS A PRECAUTION, MAKE SURE THAT THE LANDING GEAR DOOR TRANSIT AREAS HAVE BEEN PROPERLY CLEARED.

A. In the cockpit

- (1) Depress the trigger of hydraulic emergency L/G extension handle (**503GA**) and hold it depressed while pulling.
- (2) Check that the handle moves without any hard point, and that it remains locked in pulled position.
- (3) Slightly lubricate with lubricating oil the rod of the handle.
- (4) Unlock the handle.
- (5) Push the handle back to rest position.

**CAUTION:** DO NOT LUBRICATE SLIDING END-FITTING (1).

B. Clean sliding end-fitting (1) using a clean lintfree cloth. Do not lubricate.

C. Slightly lubricate the locations marked on the figure with lubricating oil.

### 5. CHECK OF CONTROL ACTUATION LOADS

Refer to **fig. 1**

A. Secure the dynamometer to hydraulic emergency L/G extension handle (**503GA**).

B. Record the traction load required to actuate the control assembly.

- (1) If the traction load is  $\leq 12.5$  daN (28.1 lbf), no corrective action is required.
- (2) If the traction load is  $> 12.5$  daN (28.1 lbf) troubleshoot the control (Refer to **TASK 32-32-17-810-901**).

C. Remove the dynamometer from the handle.

D. Push the handle back to rest position.

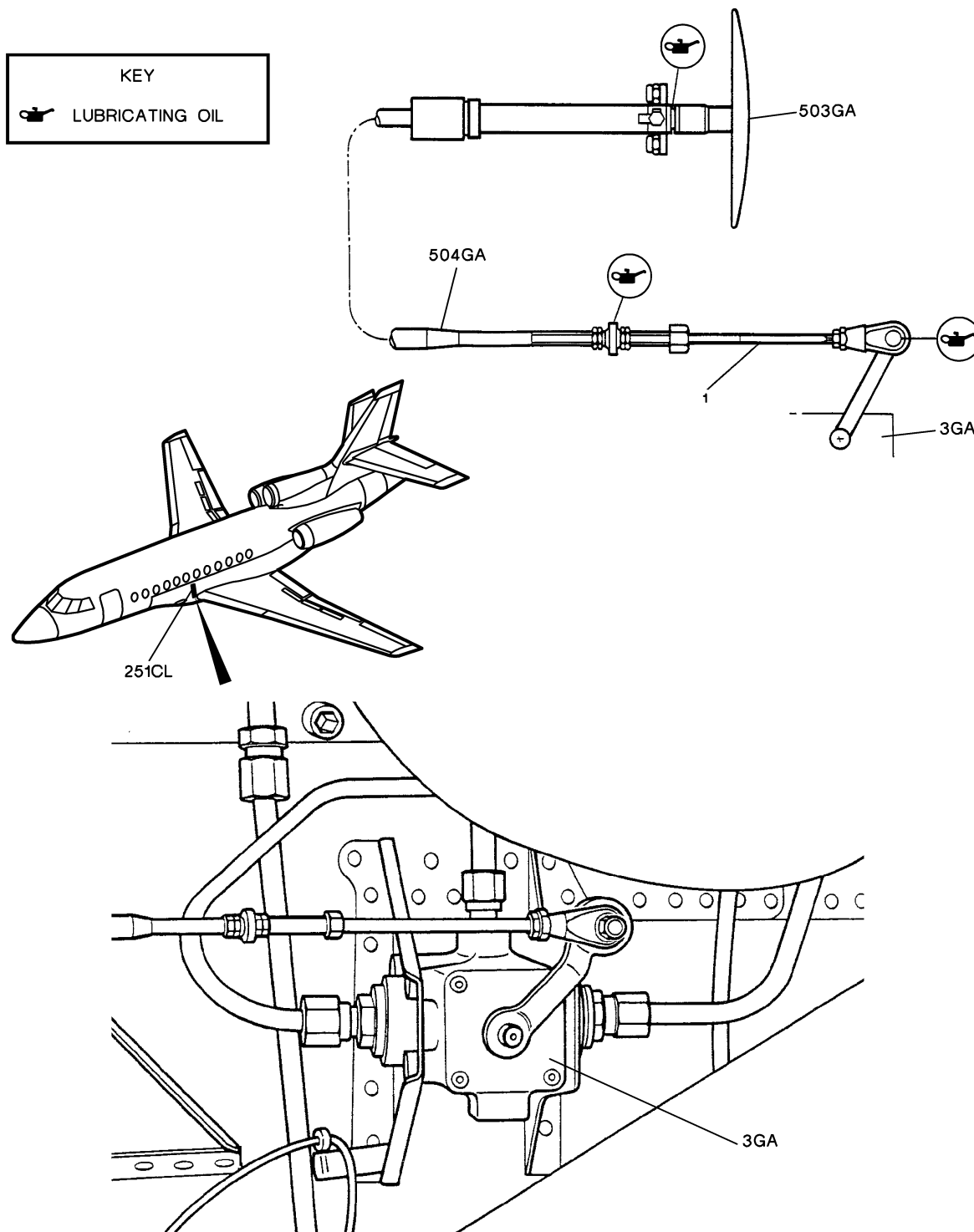
### 6. FINAL STEPS

A. Install door (**251CL**).

B. In the cockpit

- (1) Remove the "DO NOT OPERATE" safety placard from the L/G control lever (**2GA**).
- (2) Engage "L/G CONTROL" circuit breaker (**1GA**).

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 1: SERVICING OF LANDING GEAR HYDRAULIC EMERGENCY CONTROL**