

Project No: **BDHRN002**Job Card No **0055**

Notif.No.: 10049104

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: **CHK Control Actuators Loads**

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 | Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below. | | | | | Order: 80069340 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: 32-32-17-640-801

Operator Code: 32-32-17-640-801-02

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.: **32-32-17-640-801-02**

Serial No.: **096**

Model: **FALCON 900EX**

PKG # 12 2A+ INSPECTION

Reg No.: **D-AHRN**

Workorder No.: _____

| | Date | A/C HRS | AFL | APH | | | |
|--------------|--------------------|---------|-----|-----|--|--|--|
| Due At | 25-NOV-2012 | | | | | | |
| Accomplished | | | | | | | |

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

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

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

**>32-32-17-640-801- CHECK OF CONTROL ACTUATION LOADS
02**

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"> • 32-32-17-640-801-01 • 32-32-17-640-801-02 | <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 ≤ 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

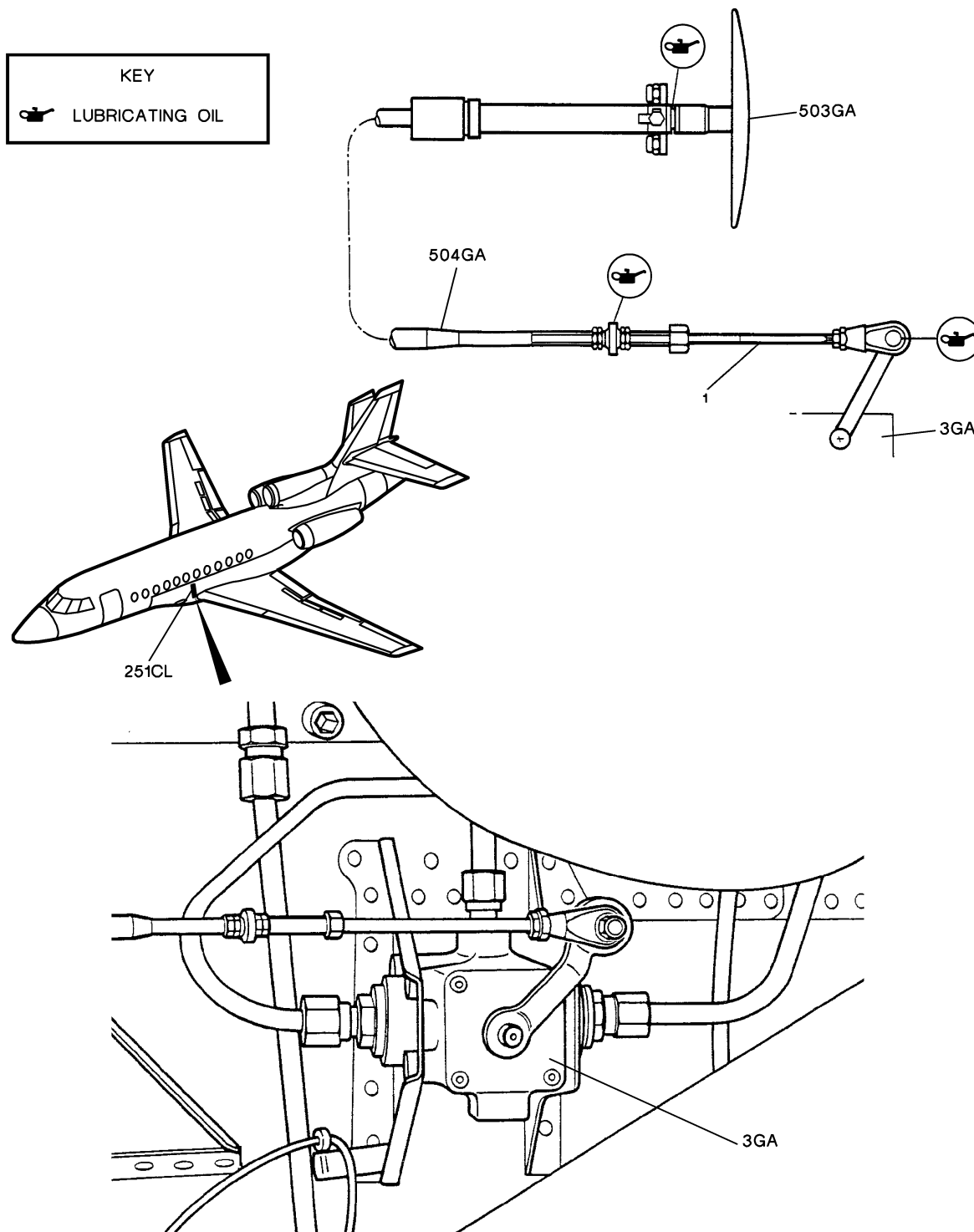


Figure 1: SERVICING OF LANDING GEAR HYDRAULIC EMERGENCY CONTROL