

Project No: **BDHRN002**Job Card No **0109**

Notif.No.: 10049096

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 NLG Uplock Box (13ga)**

ETOPS A/C: No

RVSM A/C: No

Warranty: -

ATA: 32

Check Type: 2A+ Inspection

Work Center	
FALCON A/C	

Zone: 700**Access Required for this task:**

711AB,712AB

Corrective Action

0001	Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.					 Order: 80069264 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: 32-00-00-700-801-01

Operator Code: 32-00-00-700-801-01

Form No: JA-SAP-MTX-002

Printed by: ADAMOVIC G



Printed: 03.09.2012

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Print No: 1

Operator: **HERON AVIATION**

Work Card No.: **32.170**

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
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**>32-00-00-700-801- CHECK NOSE LANDING GEAR LEG UPLOCK
01**

REMARKS : _____

AMM 32-00-00-700-801

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TASK 32-00-00-700-801 CHECK OF THE MLG AND NLG UPLOCK BOXES

1. OVERVIEW OF THE JOB

Operation codes:

- 32-00-00-700-801-01 NLG uplock box (**13GA**)
- 32-00-00-700-801-02 LH MLG uplock box (**L7GA**)
- 32-00-00-700-801-03 RH MLG uplock box (**R7GA**)

This check for correct operation forces of uplock boxes is only applicable for:

- NLG UPLOCK BOX P/N: C24245006-1 or C24245006-2,
- LH MLG UPLOCK BOX P/N: C24244007-1 or C24244007-2,
- RH MLG UPLOCK BOX P/N: C24245007-1 or C24245007-2.

2. LOGISTICS

A. References

Reference	Designation
• 32-10-00-700-801	CHECK OF ADJUSTMENT OF THE MAIN LANDING GEARS (MLG) AND MLG DOORS
• 32-10-00-860-801	MANUAL OPENING / CLOSING OF THE MLG DOORS
• 32-12-17-900-801	REMOVAL / INSTALLATION OF THE MLG UPLOCK BOXES
• 32-20-00-700-801	CHECK OF ADJUSTMENT OF THE NOSE LANDING GEAR (NLG) AND NLG DOORS
• 32-22-17-900-801	REMOVAL / INSTALLATION OF THE NLG UPLOCK BOX

B. Tools and Ground Support Equipment

Reference	Designation	Quantity
• TO-20-960	SPRING SCALE - CAPACITY 10 DAN (22.5 LBF)	

C. Energy

- ELECTRICAL
- HYDRAULIC

D. Access

Reference	Designation
• 731AB	LH MLG MAIN DOOR
• 741AB	RH MLG MAIN DOOR

3. PRELIMINARY STEPS

Refer to **fig. 1**

- A. Manually open the main landing gear doors (**731AB**) and (**741AB**) (Refer to **TASK 32-10-00-860-801**, paragraph "Manual Opening of Main Landing Gear Doors").

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4. CHECK OF THE CONDITION OF UPLOCK BOX SPRINGS

Refer to **fig. 1**

CAUTION: THE DIRECTION OF THE FORCE APPLIED BY THE SPRING SCALE MUST BE PERPENDICULAR TO THE UPLOCK BOX DATUM LINE.

- A. Use the spring scale to push the hook (2) upper tip, applying the force perpendicularly to the datum line of landing gear leg uplock boxes (**13GA**), (**L7GA**) and (**R7GA**).
- B. Record the value "F1" of the initial force required for initiating the closing motion.
- C. Record the value "F2" of the force required for closing hook (2).
- D. Manually open the landing gear leg uplock boxes by actuating the lever (1) located on each landing gear leg uplock box (**13GA**), (**L7GA**) and (**R7GA**).
- E. Repeat operations 4.A. to 4.D. two more times and calculate the mean values for "F1" and "F2".
- F. Compare the mean values "F1" and "F2" with the values given in the following table.

		Initial force F1 required for initiating the closing motion		
		F1 < 2.5 daN (5.5 lbf)	2.5 daN (5.5 lbf) ≤ F1 < 3.4 daN (7.5 lbf)	F1 ≥ 3.4 daN (7.5 lbf)
Hook locking force F2	F2 < 3.8 daN (8.5 lbf)	Incorrect	Incorrect	Incorrect
	3.8 daN (8.5 lbf) ≤ F2 < 5.9 daN (13 lbf)	Incorrect	Incorrect	Correct
	F2 ≥ 5.9 daN (13 lbf)	Incorrect	Correct	Correct

NOTE 1: To use this table, select the column corresponding to the calculated mean value "F1" and select the row corresponding to the calculated mean value "F2". The state of the tested uplock box is indicated at the intersection of the column and the row.

NOTE 2: If the state of the tested uplock box is correct, the tested uplock box operates on both springs and it should not be replaced.
If the state of the tested uplock box is incorrect, the tested uplock box operates only on one spring and it must be replaced.

- G. If the calculated mean value(s) "F1" and/or "F2" is(are) incorrect:
 - (1) Send the relevant landing gear leg uplock box to an approved repair agent.
 - (2) For nose landing gear:
 - (a) Install nose landing gear leg uplock box (Refer to **TASK 32-22-17-900-801**).
 - (b) Check the adjustment of the nose landing gear (Refer to **TASK 32-20-00-700-801**, paragraph "Nose Gear Uplocking Check").
 - (3) For LH main landing gear:

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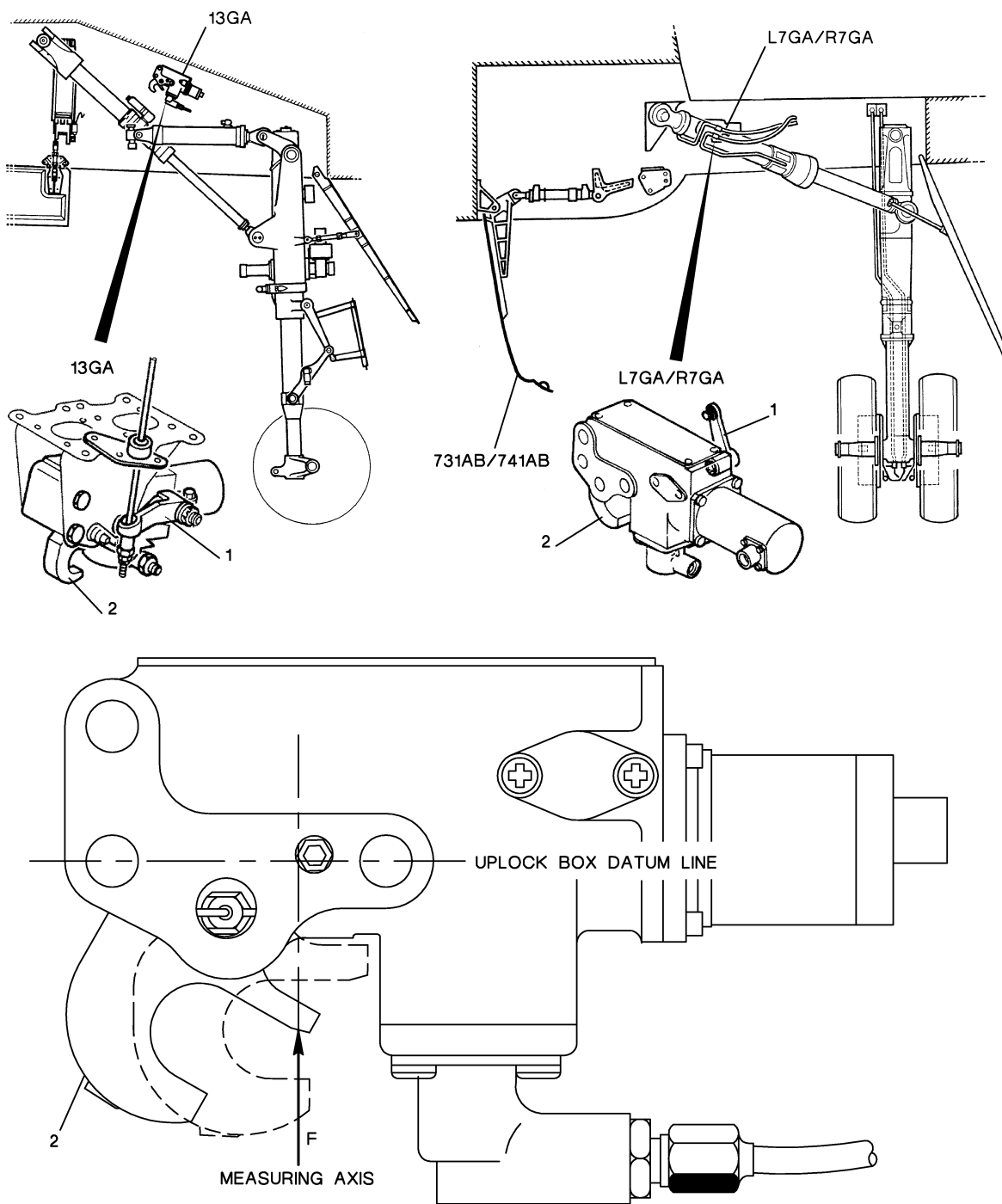
- (a) Install LH main landing gear leg uplock box (Refer to [TASK 32-12-17-900-801](#)).
- (b) Check the adjustment of the main landing gears (Refer to [TASK 32-10-00-700-801](#), paragraph "Check of L/G Main Door Uplocking").
- (4) For RH main landing gear:
 - (a) Install RH main landing gear leg uplock box (Refer to [TASK 32-12-17-900-801](#)).
 - (b) Check the adjustment of main landing gears (Refer to [TASK 32-10-00-700-801](#), paragraph "Check of L/G Main Door Uplocking").

5. FINAL STEPS

Refer to **fig. 1**

- A. Manually close the main landing gear doors (**731AB**) and (**741AB**) (Refer to [TASK 32-10-00-860-801](#), paragraph "Closing of Main Landing Gear Doors").

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CAUTION
FORCE DIRECTION MUST BE PERPENDICULAR
TO UPLOCK BOX DATUM LINE

Figure 1: Check of Landing Gear Uplock Boxes