

Project No: **BDHRN002**Job Card No **0082**

Notif.No.: 10049026

Activity: **1000**

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 Thrust Reverser Door Hinge Bolts

ETOPS A/C: No

RVSM A/C: No

Warranty: -

ATA: 78

Check Type: 1A CHECK

Work Center	
FALCON A/C	

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

454CT,454EB

Corrective Action

0001	Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.					 Order: 80069293 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: 78-31-00-640-802-01

Operator Code: 78-31-00-640-802-01

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.: **78.030**

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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**>78-31-00-640-802- GREASING OF THE THRUST REVERSER DOOR HINGE BOLTS
01**

REMARKS : _____

AMM 78-31-00-640-802

FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

TASK 78-31-00-640-802

GREASING OF THE THRUST REVERSER DOOR HINGE BOLTS

1. OVERVIEW OF THE JOB

Operation code: 78-31-00-640-802-01

NOTE: This operation can have different periodicities, depending on the door hinge bolt P/N installed on your A/C (non-plated or chromium-plated). Refer to the Maintenance Planning Document (MPD) to know the correct periodicity.

This procedure describes the operations to be performed to grease the hinge bolts of the thrust reverser clamshell doors.

In standard configuration, the bolts are lubricated one by one, without removing the thrust reverser clamshell doors.

If the thrust reverser clamshell doors are removed for another maintenance operation, the four bolts can be simultaneously lubricated.

Chromium-plated bolts ([NAS6307C22D](#)) and ([NAS6307C23D](#)) installed on the upper and lower hinges of the TR doors must be identified with the letter "C" engraved or painted in red on the bolt heads.

This marking must be made in the following two cases:

- when installing a chromium-plated bolt,
- during a lubricating operation if the bolt already installed is a chromium-plated bolt (the stem of the bolt is shiny).

It is recommended to install chromium-plated bolts ([NAS6307C22D](#)) on the upper hinge of the TR doors, and bolts ([NAS6307C23D](#)) on the lower hinge of the TR doors, to prevent seizing.

2. LOGISTICS

A. References

Reference	Designation
• 78-30-00-910-802	DEPLOYMENT / STOWING OF THE THRUST REVERSER
◆	

B. Tools and Ground Support Equipment

Reference	Designation	Quantity
• F7XC202000008	TOOL BOX	

C. Ingredients and Consumable Products

Designation	Additional designation
• P-D-680B	WHITE SPIRIT
• HIGH TEMPERATURE LUBRICANT MIL-PRF-5544	
OR HIGH TEMPERATURE LUBRICANT MIL-PRF-907	

D. Additional Spare Parts

Reference	Designation	Quantity
• NAS6307C22D	BOLT	2

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• [NAS6307C23D](#)

BOLT

2

E. Access

Reference

• [454CT](#)

• [454EB](#)

Designation

THRUST-REVERSER UPPER FAIRING

THRUST-REVERSER LOWER FAIRING

F. Miscellaneous

- LOW-PRESSURE SOURCE OF AIR (LOCAL PROCUREMENT)

3. PRELIMINARY STEPS



- A. If the thrust reverser clamshell doors are not removed, deploy and immobilize the thrust reverser (Refer to [TASK 78-30-00-910-802](#), paragraph "De-pressurization of Thrust Reverser Accumulator ([190KR](#))").
- B. Remove fairings ([454EB](#)), ([454CT](#)) from the upper and lower hydraulic primary actuators ([202KR1](#))/([202KR2](#)).

4. LUBRICATION

Refer to **fig. 1**

- A. Remove one hinge bolt from the thrust reverser clamshell doors, recording its position.
- B. Clean the hinge bolt using [P-D-680B](#), then blow it dry with compressed air.
- C. Apply a film of [high temperature lubricant MIL-PRF-5544](#) or [high temperature lubricant MIL-PRF-907](#) to the hinge bolt.
- D. Re-install the hinge bolt in position.

NOTE: When installing an upper / lower door hinge bolt, make sure to install it at its location, recorded on removal.
- E. Repeat this operation for the three other hinge bolts.

5. FINAL STEPS



- A. If the thrust reverser clamshell doors are not removed, stow the thrust reverser (Refer to [TASK 78-30-00-910-802](#), paragraph "Thrust Reverser Stowing after De-pressurization of Thrust Reverser Accumulator ([190KR](#))").
- B. Install fairings ([454EB](#)), ([454CT](#)) on the upper and lower hydraulic primary actuators ([202KR1](#))/([202KR2](#)).

FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

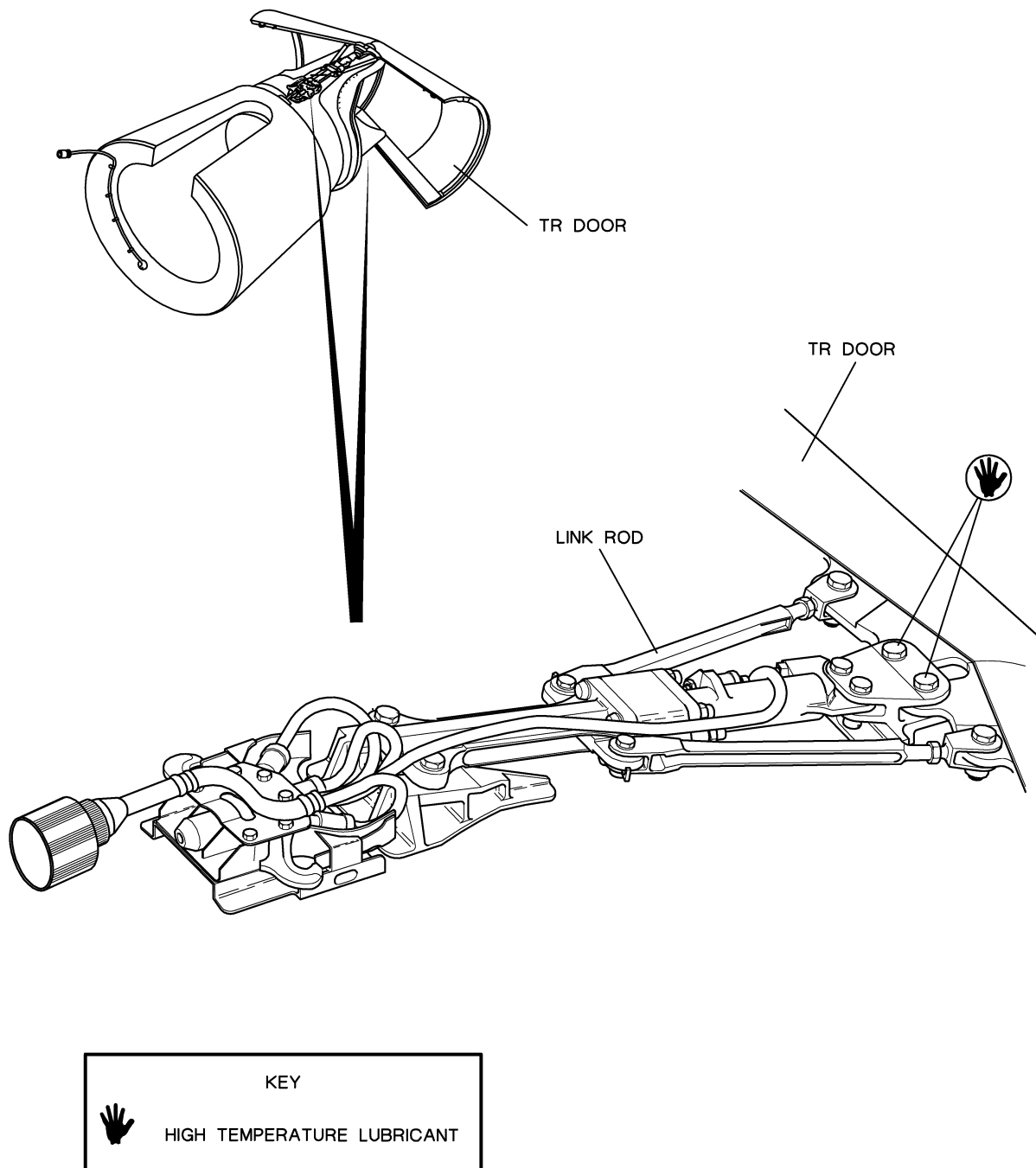


Figure 1: GREASING OF THRUST REVERSER DOOR HINGE BOLTS