

Project No: **BDHRN002**Job Card No **0047**

Notif.No.: 10049019

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 Visible Door Hinges & Pax Door Stops**

ETOPS A/C: No RVSM A/C: No Warranty: - ATA: 52

Check Type: 1A CHECK

Work Center	
FALCON A/C	

**Zone:** 100,200,300**Access Required for this task:**

124AB,160AB,184AB,184BB,193BL,193CL,194BR,194CR,210A,311AR,311BR,312AL,PAX

Corrective Action

0001	<b>Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.</b>				  Order: 80069275 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: 52-00-00-640-801

Operator Code: 52-00-00-640-801-01

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.: **52.010**

Serial No.: **096**

Model: **FALCON 900EX**

**PKG # 2 2A INSPECTION**

Reg No.: **D-AHRN**

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

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

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

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

TECH	INSP	LABOR-HRS HRS.MINS
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**>52-00-00-640-801- LUBRICATION OF THE VISIBLE DOOR HINGES AND  
01 PASSENGER DOOR STOPS**

\_\_\_\_\_

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

AMM 52-00-00-640-801

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

### TASK 52-00-00-640-801

## LUBRICATION OF THE VISIBLE DOOR HINGES AND PASSENGER DOOR STOPS

#### 1. OVERVIEW OF THE JOB

Operation code: 52-00-00-640-801-01

#### 2. LOGISTICS

##### A. References

###### Reference

###### Designation



• 52-10-17-960-801

REPLACEMENT OF THE PASSENGER DOOR SAFETY CATCH  
SPRING

##### B. Ingredients and Consumable Products

###### Designation

###### Additional designation

- LUBRICATING OIL
- LOW FREEZE POINT GREASE
- CLEANER
- SCOTCH BRITE

MIL-PRF-23827  
MULTIPURPOSE  
MIL-A-9162

##### C. Access

###### Reference

###### Designation

- 124AB FORWARD TOILET SERVICING DOOR
- 160AB FUEL EQUIPMENT BAY DOOR
- 184AB FUELING CONNECTOR ACCESS DOOR
- 184BB AFT TOILET COUPLING DOOR
- 193BL BAG DOOR CONTROL PANEL DOOR
- 193CL WATER SERVICING DOOR
- 194BR FUELING CONTROL PANEL ACCESS DOOR
- 194CR AFT TOILET SERVICING PANEL DOOR
- 210A NOSE CONE
- 311AR ELECTRICAL GPU COUPLING DOOR
- 311BR HYDRAULIC GPU COUPLING DOOR
- 312AL HYDRAULIC GPU COUPLING DOOR
- PAX PASSENGER DOOR

##### D. Miscellaneous

- BRUSH (LOCAL PROCUREMENT)
- CLEAN LINT-FREE CLOTHS (LOCAL PROCUREMENT)



## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

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### 3. LUBRICATION OF VISIBLE DOOR HINGES

NOTE: Prior to applying any protective treatment, door hinges must be thoroughly cleaned with a clean cloth, and lubricated using a brush. Thoroughly wipe off the excess oil.

A. Nose cone (**210A**)

Lubricate the five latches, locating studs and hinge pins with lubricating oil.

B. Access doors

(1) For each access door, perform the following steps:

(a) Open the door.

(b) Slightly lubricate the lock control mechanisms, the latching pawls and the hinges with lubricating oil.

(c) Close the door.

(2) Access doors concerned:

- forward servicing toilet compartment door (**124AB**),
- refueling panel door (**194BR**),
- fuel compartment door (**160AB**),
- refueling connector door (**184AB**),
- toilet service doors (**184BB**) and (**194CR**),
- potable water service door (**193CL**),
- baggage compartment electrically-controlled door (**193BL**),
- external power receptacle door (**311AR**),
- hydraulic system 1 and 2 ground coupling door (**312AL**) and (**311BR**).

### 4. GREASING OF PASSENGER DOOR STOPS

Refer to **fig. 1**

NOTE: The purpose of this greasing is to prevent the passenger door from creaking during flight. Greasing periodicity depends on aircraft operating conditions.

A. Clean each stop (7) with a clean lint-free cloth moistened with cleaner.

B. Apply a thin film of low freeze point grease to each stop (7).

C. Wipe off the excess grease with a clean lint-free cloth.

### 5. CHECK AND LUBRICATION OF SAFETY CATCH ON PASSENGER DOOR

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

CAUTION: DO NOT ACTUATE THE INBOARD AND THE OUTBOARD PASSENGER DOOR LOCKING HANDLES DURING THE OPERATIONS DESCRIBED BELOW.

A. Check of door safety catch (1) and spring (3) on passenger door crankpin, on frame 7 side.

(1) Operate safety catch (1) by hand and check that it rotates freely.

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

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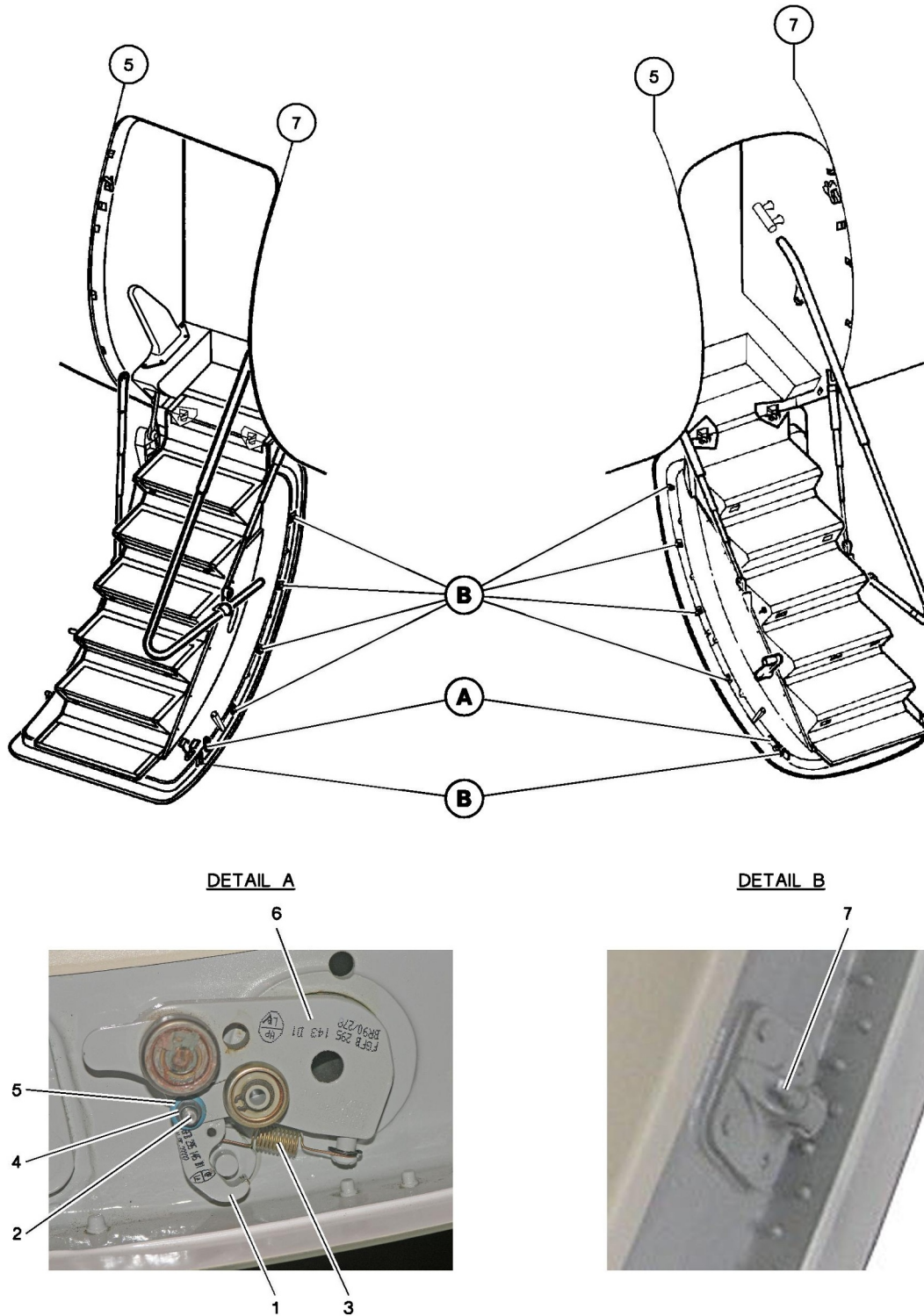
NOTE: An excess paint thickness, or dust, or any defect in this area may induce hard points.

- (2) If a defect is found:
  - (a) Remove safety catch (1), without removing spring (3):
    - unscrew and remove nut (4),
    - remove washer (5),
    - remove safety catch (1).
  - (b) Remove the dust, if any.
  - (c) Using **scotch brite**, sand the paint on both surfaces of safety catch (1), on crankpin (6) and in the contact areas.

NOTE: On crankpin (6), the paint can be removed without removing the crankpin.
  - (d) Clean and degrease with a clean cloth moistened with **cleaner**.
  - (e) Install safety catch (1):
    - position safety catch (1),
    - install washer (5),
    - screw and tighten nut (4).
- (3) Check spring (3) for condition and correct mounting position, without removing it (**fig. 2**).
- (4) Check for any interference between spring (3) and the structure or safety catch (1).
- (5) If spring (3) is damaged, or not installed in the correct mounting position, or broken, replace it (Refer to **TASK 52-10-17-960-801**).

B. Sparingly lubricate safety catch pin (2) with **lubricating oil**.

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 1: Passenger Door Safety Catch**

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

### INSTALLATION OF THE PASSENGER DOOR SAFETY CATCH SPRING

**CORRECT  
INSTALLATION**



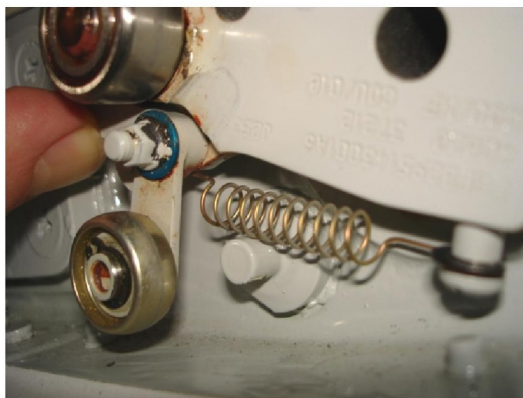
**INCORRECT  
INSTALLATION**



**CORRECT  
INSTALLATION**



**INCORRECT  
INSTALLATION**



**Figure 2: Installation of Safety Catch Spring**