

Project No: **BDHRN002**Job Card No **0073**

Notif.No.: 10049211

Activity: **1016**

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: **Weight Eng2-1st Eng3-2nd Shoot Firex**

ETOPS A/C: No

RVSM A/C: No

Warranty: -

ATA: 26

Work Center	
FALCON A/C	

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

MSD

## Corrective Action

0001	<b>Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.</b>					  Order: 80069247 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.

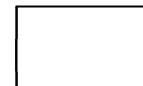
**Defect Card Raised**

## 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: 26-20-09-220-801-05

Operator Code: 26-20-09-220-801-05

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.: **26.150**

Serial No.: **096**

Model: **FALCON 900EX**

Reg No.: **D-AHRN**

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

Due At	Date	A/C HRS	AFL	APH			
Accomplished	<b>21-JAN-2013</b>						

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

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

26-20-09-900-801-05

☐ 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER AMM 26-20-09-900-801

REASON REMOVED: (CHECK ONE)	<input type="checkbox"/> TIME EXPIRED	<input type="checkbox"/> FAILURE	<input type="checkbox"/> WORN	<input type="checkbox"/> LOANER	<input type="checkbox"/> SCHEDULING CONV
	<input type="checkbox"/> MOD/UPGRADE	<input type="checkbox"/> SERVICE	<input type="checkbox"/> ENGINE CHANGE	<input type="checkbox"/> TIRE CHANGE	<input type="checkbox"/> SWAP/TRBLE SHOOT <input type="checkbox"/> DAMAGED <input type="checkbox"/> UNKNOWN
If removed P/N & S/N information is incorrect please provide details below.					
REMOVED P/N	861630		S/N	51914	
INSTALLED P/N			S/N		
INSTALLED TSN	MOS	INSTALLED TSO	MOS	TIME SINCE REPAIR	MOS
	HRS		HRS		
	LDGS		LDGS		
				WARRANTY TIME REMAINING	MOS
					HRS
					LDGS
				TECH:	INSP:

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

NOTE: BE ADVISED THAT CODE 262045 HAS 12 MONTH REQUIREMENT + 10 % TOLERANCE.

Note: INITIAL THE SERVICE TASKS BELOW WHICH WERE ACCOMPLISHED DURING CHANGE. IF TASKS WERE NOT ACCOMPLISHED, RECORD TIME ACCRUED SINCE TASK WAS LAST ACCOMPLISHED OR CHECK CONTINUE TIME (CT).

TECH	INSP	LABOR-HRS	TIME	CONTINUE
		HRS.MINS	ACCRUED	TIME

#>26-20-09-220-801 **WEIGHT CHECK 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER**

☐

RECORD DATE OF WEIGHT CHECK \_\_\_\_/\_\_\_\_/\_\_\_\_

RECORD WEIGHT.....

AMM 26-20-09-220-801

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

#26-20-09-350-801-05 **RESTORATION 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER ( HYDROSTATIC TEST AND PRESSURE GAGE CALIBRATION)**

☐

**MANDATORY**

GENERIC NO REF,AMM  
26-20-09-350-801

RECORD DATE OF HYDROSTATIC CHECK \_\_\_\_/\_\_\_\_/\_\_\_\_

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

26-20-13-900-802-06

ENGINE 3 SECOND-SHOOT PERCUSSION CARTRIDGE

REFER TO WORK CARD FORM 26.260

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**03-SEP-2012**

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Total Pages = \_\_\_\_\_, Initial \_\_\_\_\_.

> **INDICATES DUE ITEMS**

Operator: **HERON AVIATION**

Work Card No.: **26.150**

Serial No.: **096**

Model: **FALCON 900EX**

Reg No.: **D-AHRN**

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

	Date	A/C HRS	AFL	APH			
Due At	<b>21-JAN-2013</b>						
Accomplished							

26-20-13-900-802-08

ENGINE 2 FIRST-SHOOT RIGHT PERCUSSION CARTRIDGE

REFER TO WORK CARD FORM 26.260

\_\_\_\_\_

Operator: **HERON AVIATION**Work Card No.: **26.150**Serial No.: **096**Model: **FALCON 900EX**Reg No.: **D-AHRN**

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

**ACCESS PANEL SUMMARIES****456AR RH UPPER DOORS DOOR**

26-20-09-900-801-05 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER

**113FZ FLOOR PANELS**

26-20-09-900-801-05 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER

**113HZ FLOOR PANELS**

26-20-09-900-801-05 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER

**AREA SUMMARIES****F7 MECHANIC'S SERVICING COMPARTMENT**

26-20-09-900-801-05 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER

26-20-09-220-801-05 WEIGHT CHECK 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER

26-20-09-350-801-05 RESTORATION 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER ( HYDROSTATIC TEST AND PRESSURE GAGE CALIBRATION)

**SOURCE SUMMARIES****956 MPD 05-20-26 PAGE NO.:PAGE 3/7 REF: 26-20 EXTINGUISHING DATE: MAR 09/2012 2**

26-20-09-220-801-05 WEIGHT CHECK 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER

**956 MPD 05-20-26 PAGE NO.:PAGE 4/7 REF: 26-20 EXTINGUISHING DATE: MAR 09/2012 2**

26-20-09-350-801-05 RESTORATION 507WB ENGINE 2 FIRST-SHOOT, ENGINE 3 SECOND-SHOOT FIRE EXTINGUISHER ( HYDROSTATIC TEST AND PRESSURE GAGE CALIBRATION)

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

TASK 26-20-09-900-801

### REMOVAL / INSTALLATION OF THE FIRE EXTINGUISHERS

- WARNING:** COMPLIANCE WITH THE FOLLOWING INSTRUCTIONS IS MANDATORY IF THE EXTINGUISHER IS NOT TO BE INSTALLED BACK ON THE A/C:
- SAFETY PLUGS MUST BE INSTALLED AND TIGHTENED ON THE EXTINGUISHER VALVES FOR TRANSPORTATION, INSPECTION, STORAGE AND HANDLING OPERATIONS,
  - THE SAFETY PLUGS MUST REMAIN ON THE EXTINGUISHER UNTIL THE LATTER IS EQUIPPED WITH ITS PERCUSSION HEAD.

**CAUTION:** MAKE SURE THAT IT IS IMPOSSIBLE TO INVERT THE POWER SUPPLY AND GROUND WIRES WHEN CONNECTING WIRES, AND THAT LOCATING IS OBSERVED (RED SLEEVE WITH RED RING, GREEN SLEEVE WITH GREEN RING).

#### 1. OVERVIEW OF THE JOB

Operation codes:

- |                       |  |
|-----------------------|--|
| • 26-20-09-900-801-01 | APU, baggage compartment fire extinguisher ( <b>504WB</b> )                    |
| • 26-20-09-900-801-02 | engine 1 first-shoot, engine 2 second-shoot fire extinguisher ( <b>505WB</b> ) |
| • 26-20-09-900-801-03 | engine 2 first-shoot, engine 1 second-shoot fire extinguisher ( <b>506WB</b> ) |
| • 26-20-09-900-801-04 | engine 3 first-shoot, engine 2 second-shoot fire extinguisher ( <b>508WB</b> ) |
| • 26-20-09-900-801-05 | engine 2 first-shoot, engine 3 second-shoot fire extinguisher ( <b>507WB</b> ) |
| • 26-20-09-900-801-06 | MSC fire extinguisher ( <b>503WB</b> )   |

#### 2. LOGISTICS

##### A. References

Reference	Designation
• <b>24-00-00-860-801</b>	ENERGIZATION / DE-ENERGIZATION OF THE AIRCRAFT
• <b>24-31-09-900-801</b>	REMOVAL / INSTALLATION OF THE GENERATOR CONTROL UNITS (GCU)
• <b>24-32-01-900-801</b>	REMOVAL / INSTALLATION OF THE BATTERIES
• <b>26-20-00-760-801</b>	INSULATION TEST OF EXTINGUISHER PERCUSSION CIRCUITS
• <b>26-20-13-900-802</b>	REMOVAL / INSTALLATION OF THE ENGINE FIRE EXTINGUISHER PERCUSSION CARTRIDGES
• <b>26-20-13-900-803</b>	REMOVAL / INSTALLATION OF THE APU, BAGGAGE COMPARTMENT AND MECHANIC'S SERVICING COMPARTMENT FIRE EXTINGUISHER PERCUSSION CARTRIDGES

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

Reference	Designation	Quantity
• <b>F7XC202000008</b>	TOOL BOX	
• <b>TF50B26501</b>	STRAP WRENCH TO UNSCREW EXTINGUISHER HEAD	

##### C. Ingredients and Consumable Products

Designation	Additional designation
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## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

• **LOCTITE 242**

• **LOCKWIRE**

MS20995C32

### D. Additional Spare Parts

**Reference**

• **860467-00**

OR **863487-00**

**Designation**

PROTECTIVE CAP

PROTECTIVE CAP

**Quantity**

### E. Energy

• ELECTRICAL

### F. Access

**Reference**

• **PAX**

• **113FZ**

• **113HZ**

• **455AL**

• **MSD**

**Designation**

PASSENGER DOOR

COCKPIT FLOOR

COCKPIT FLOOR

ENGINE 2 LH COWLING

SERVICING COMPARTMENT DOOR

### G. Miscellaneous

- SAFETY PLUGS (LOCAL PROCUREMENT) (QTY : SEE NOTE)
- PROTECTIVE CAP (LOCAL PROCUREMENT) (QTY : SEE NOTE)
- SAFETY PLACARD (LOCAL PROCUREMENT)

NOTE: Quantity: two per removed extinguisher.

## 3. **PRELIMINARY STEPS**

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

A. On cockpit circuit breaker panel (**10PP**), disengage the following circuit breakers:

(1) For A/C < 23:

- "EXTING 1" (**L1WB**),
- "EXTING 2" (**M1WB**),
- "EXTING 3" (**R1WB**),
- "REAR COMP" (**11WG**),
- "BAG COMP" (**21WG**),
- "APU FIRE" (**21WB**).

(2) For A/C ≥ 23:

- "EXTING ENG 1" (**L1WB**),
- "EXTING ENG 2" (**M1WB**),
- "EXTING ENG 3" (**R1WB**),
- "REAR COMP" (**11WG**),
- "BAG COMP" (**21WG**),
- "APU FIRE" (**21WB**).

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

- B. Remove :
  - for A/C < 21: floor panel (**113FZ**).
  - for A/C ≥ 21 or A/C with SB F900EX-58 : floor panel (**113HZ**)
- C. Gain access to standby horizon battery (**4FG**).
- D. Disengage "CB2" circuit breaker (1) of standby horizon battery (**4FG**).
- E. Install a "DO NOT ENERGIZE" safety placard inside the cockpit.

### 4. REMOVAL

Refer to **fig. 3**, **fig. 4** and **fig. 5**

NOTE: For each one of the six fire extinguishers, repeat the procedure described below.

When several fire extinguishers are to be removed, make sure that the wiring cannot be inverted.

It is necessary to remove fire extinguisher (**505WB**) and cartridges (**L3WB**)/(**L4WB**) to gain access to fire extinguisher (**506WB**) and cartridges (**L5WB**)/(**L6WB**).

- A. Gain access to the engine, APU and baggage compartment fire extinguishers (**504WB**), (**505WB**), (**506WB**), (**507WB**), (**508WB**) through door (**MSD**).

Gain access to the mechanic's servicing compartment fire extinguisher (**503WB**) by opening engine 2 cowl (**455AL**).

NOTE: If necessary, remove the following equipment:

- for fire extinguishers (**505WB**) and (**506WB**):
  - battery 1 (**L1PE**) (Refer to **TASK 24-32-01-900-801**),
  - horizontal stabilizer printed circuit board (**7CF**).
- for fire extinguishers (**507WB**) and (**508WB**):
  - battery 2 (**R1PE**) (Refer to **TASK 24-32-01-900-801**),
  - GCU 2 (**M3PA**) (Refer to **TASK 24-31-09-900-801**).
- the holding couplings.

- B. Remove the percussion cartridges ((Refer to **TASK 26-20-13-900-802**) or (Refer to **TASK 26-20-13-900-803**), paragraph "Preliminary Steps" then, "Removal").

NOTE: For fire extinguisher (**503WB**), there is only one red percussion cartridge (on LH side).

On the percussion cartridge location not used, there is a protective cap.

- C. Unscrew the couplings of extinguishing lines (1) on the fire extinguisher.
- D. Unscrew the coupling of safety discharge line (2) located at the rear of the fire extinguisher.
- E. Unscrew and remove the attaching screws securing the fire extinguisher.
- F. Extract and remove the fire extinguisher from its housing.
- G. Blank off extinguishing lines (1) and safety discharge line (2) using protective caps.

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

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### 5. INSTALLATION

Refer to **fig. 3**, **fig. 4** and **fig. 5**

NOTE: When installing the fire extinguishers, make sure that the lines do not come into contact with one another and that they do not rub against the surrounding equipment.

- A. Check that percussion heads (3) can rotate freely.

NOTE: If necessary, loosen the percussion heads using a strap wrench (**TF50B26501**).

- B. Position the fire extinguisher in its housing.

- C. Secure it to the structure with the attaching screws.

- D. Remove the protective caps from extinguishing lines (1) and safety discharge line (2).

- E. For fire extinguishers (P/N: 861630), perform the following operations:

NOTE: For fire extinguisher (**503WB**), on the percussion cartridge location not used, there is a white protective cap (**860467-00**).

This protective cap must stay in position and safetied with **lockwire**.

- (1) Screw the coupling of safety discharge line (2) located at the rear of the fire extinguisher.
- (2) Orient each percussion head (3) so as to eliminate any stress when installing the extinguishing line (1).
- (3) Screw the coupling of extinguishing line (1) on each percussion head (3).
- (4) Tighten each percussion head (3) with a strap wrench (**TF50B26501**), applying a torque of 1.75 to 2 m.daN (12.9 to 14.7 ft.lbf).

- F. For fire extinguishers (P/N: 863470-00 or 863470-01), perform the following operations:

NOTE: For fire extinguisher (**503WB**), on the percussion cartridge location not used, there is a red or grey painted protective cap (**863487-00**).

This protective cap must stay in position and safetied with **lockwire**.

- (1) Screw the coupling of safety discharge line (2) located at the rear of the fire extinguisher.

CAUTION: DO NOT UNSCREW THE PERCUSSION HEAD BY MORE THAN ONE TURN FROM ABUTMENT TO ALIGN THE OUTLET WITH THE EXTINGUISHING LINE.

- (2) For each percussion head (3):
  - screw percussion head (3) to abutment,
  - unscrew percussion head (3) to align the outlet with extinguishing line (1),
  - coat the threads with three drops of **loctite 242**,
  - screw/unscrew percussion head (3) by a quarter turn three or four times to allow **loctite 242** to penetrate,
  - re-align the outlet of percussion head (3) with extinguishing line (1),
  - screw the coupling of extinguishing line (1),
  - allow the loctite to dry.



## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

### 6. FINAL STEPS

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

A. Perform the insulation test of the fire extinguisher percussion circuits as follows:

- (1) Install the percussion cartridges without connecting the power supply wire to their center terminals ((Refer to **TASK 26-20-13-900-802**) or (Refer to **TASK 26-20-13-900-803**), paragraph "Preparation before Installation" then, "Installation").

**NOTE 1:** For fire extinguisher (**503WB**), there is only one red percussion cartridge (on LH side).

**NOTE 2:** If applicable, install the following equipment:

- the holding couplings which have been removed,
- for fire extinguishers (**505WB**) and (**506WB**):
  - battery 1 (**L1PE**) (Refer to **TASK 24-32-01-900-801**),
  - horizontal stabilizer printed circuit board (**7CF**).
- for fire extinguishers (**507WB**) and (**508WB**):
  - battery 2 (**R1PE**) (Refer to **TASK 24-32-01-900-801**),
  - GCU 2 (**M3PA**) (Refer to **TASK 24-31-09-900-801**).

- (2) Perform the insulation test of the fire extinguisher percussion circuits (Refer to **TASK 26-20-00-760-801**).

- (3) Complete the installation of the percussion cartridge as indicated in the insulation test (Refer to **TASK 26-20-00-760-801**).

B. On stand-by horizon battery (**4FG**), engage "CB2" circuit breaker (1) of stand-by horizon battery (**4FG**).

C. Install:

- for A/C < 21: floor panel (**113FZ**),
- for A/C ≥ 21 or A/C with SB F900-58 : floor panel (**113HZ**).

D. On cockpit circuit breaker panel (**10PP**), engage the following circuit breakers:

- (1) For A/C < 23:

- "EXTING 1" (**L1WB**),
- "EXTING 2" (**M1WB**),
- "EXTING 3" (**R1WB**),
- "REAR COMP" (**11WG**),
- "BAG COMP" (**21WG**),
- "APU FIRE" (**21WB**).

- (2) For A/C ≥ 23:

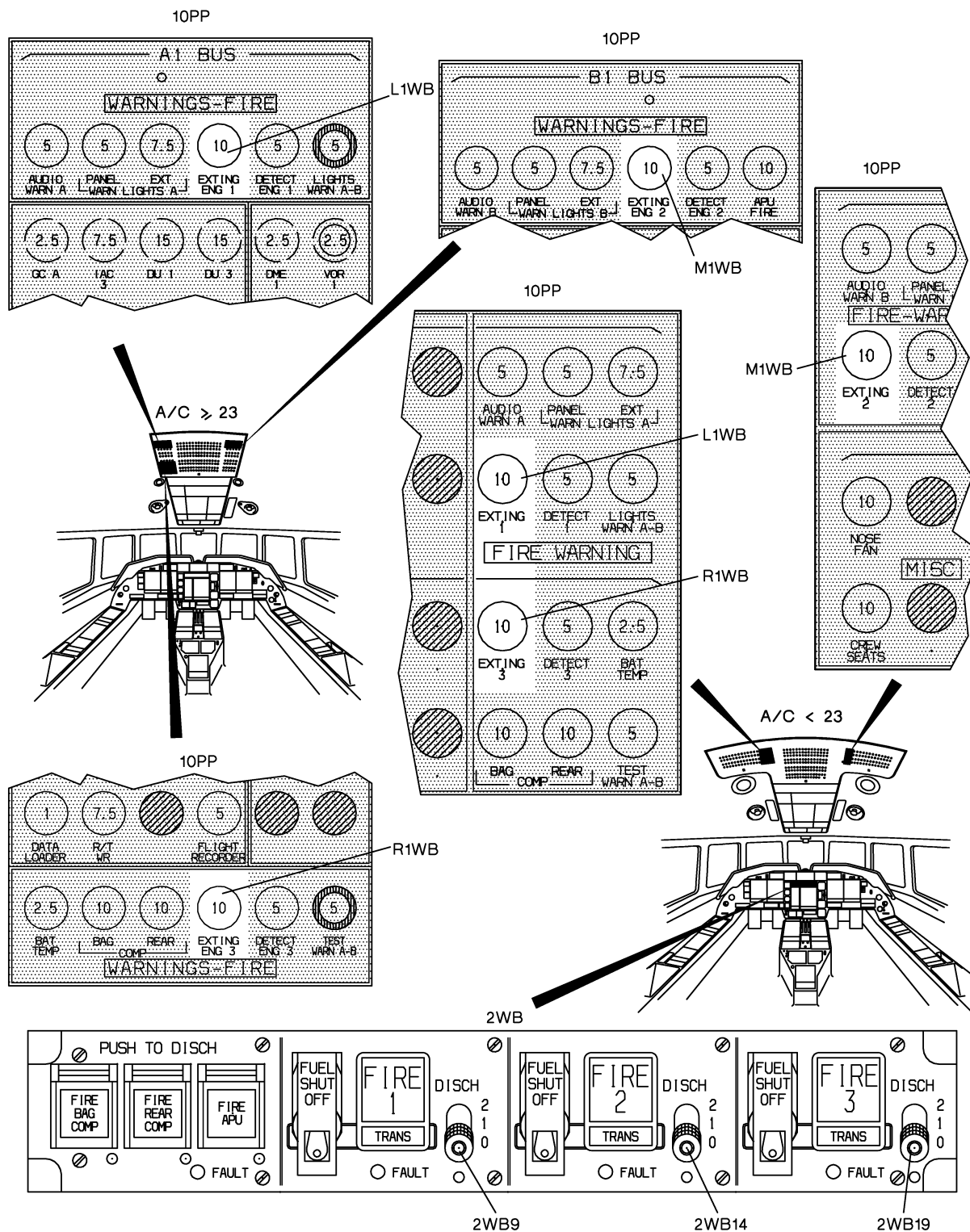
- "EXTING ENG 1" (**L1WB**),
- "EXTING ENG 2" (**M1WB**),
- "EXTING ENG 3" (**R1WB**),
- "REAR COMP" (**11WG**),
- "BAG COMP" (**21WG**),
- "APU FIRE" (**21WB**).

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

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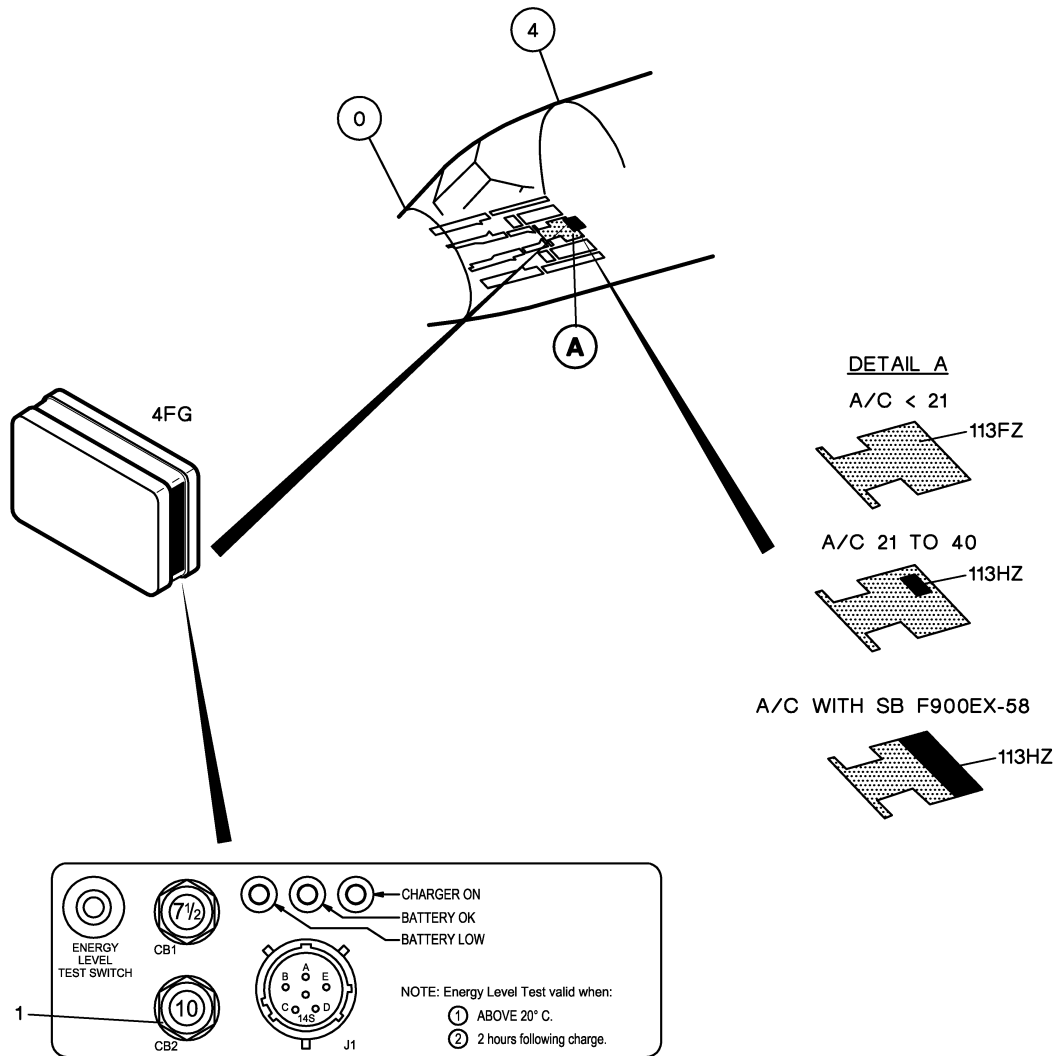
- E. Remove the "DO NOT ENERGIZE" safety placard from the cockpit.
- F. Energize the aircraft systems (Refer to [TASK 24-00-00-860-801](#), paragraph "Energization from Batteries").
- G. On warning panel ([2WW](#)), set "TEST" switch ([2WW01](#)) to "FIRE" and hold it in that position.
- H. On fire warning panel([2WB](#)), check the illumination of:
  - "FIRE 1" light ([2WB6](#)),
  - "FIRE 2" light ([2WB11](#)),
  - "FIRE 3" light ([2WB16](#)),
  - "FIRE BAG COMP" switch/light ([2WB1](#)),
  - "FIRE REAR COMP" switch/light ([2WB2](#)),
  - "FIRE APU" switch/light ([2WB3](#)).
- I. On warning panel ([2WW](#)), release "TEST" switch ([2WW01](#)).
- J. De-energize the aircraft systems (Refer to [TASK 24-00-00-860-801](#), paragraph "De-Energization from Batteries").

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



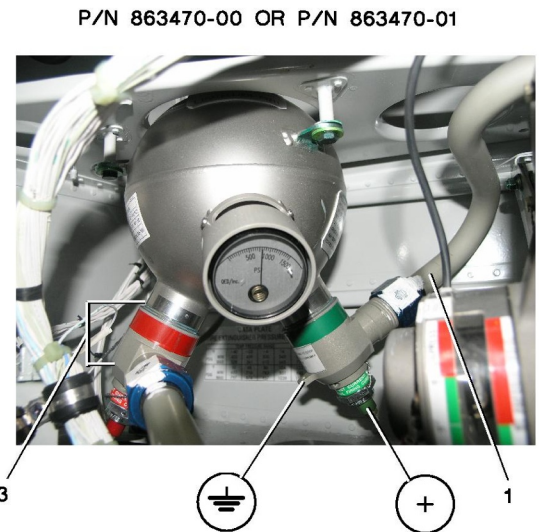
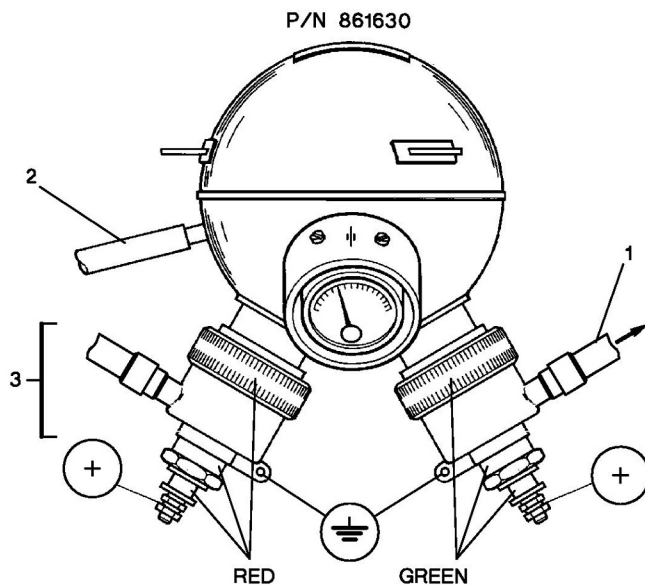
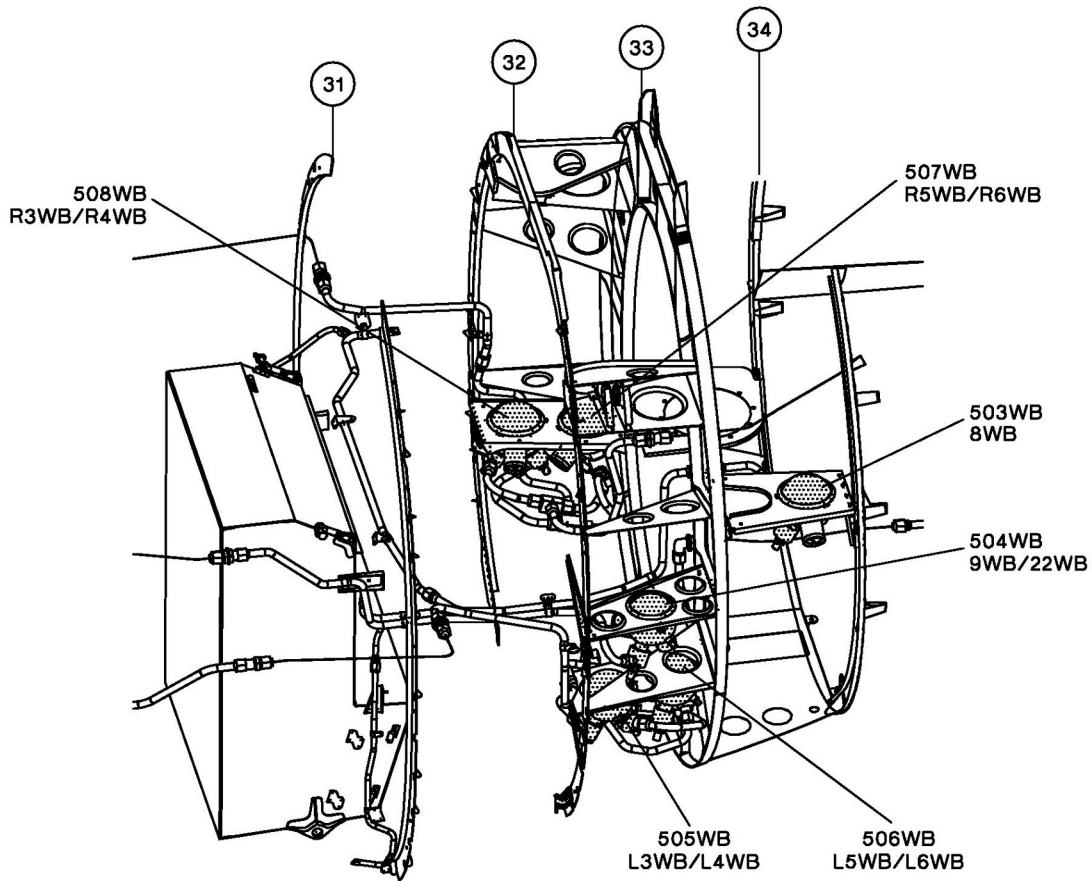
**Figure 1: LOCATION OF COCKPIT CONTROLS**

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 2: LOCATION OF STANDBY HORIZON BATTERIES**

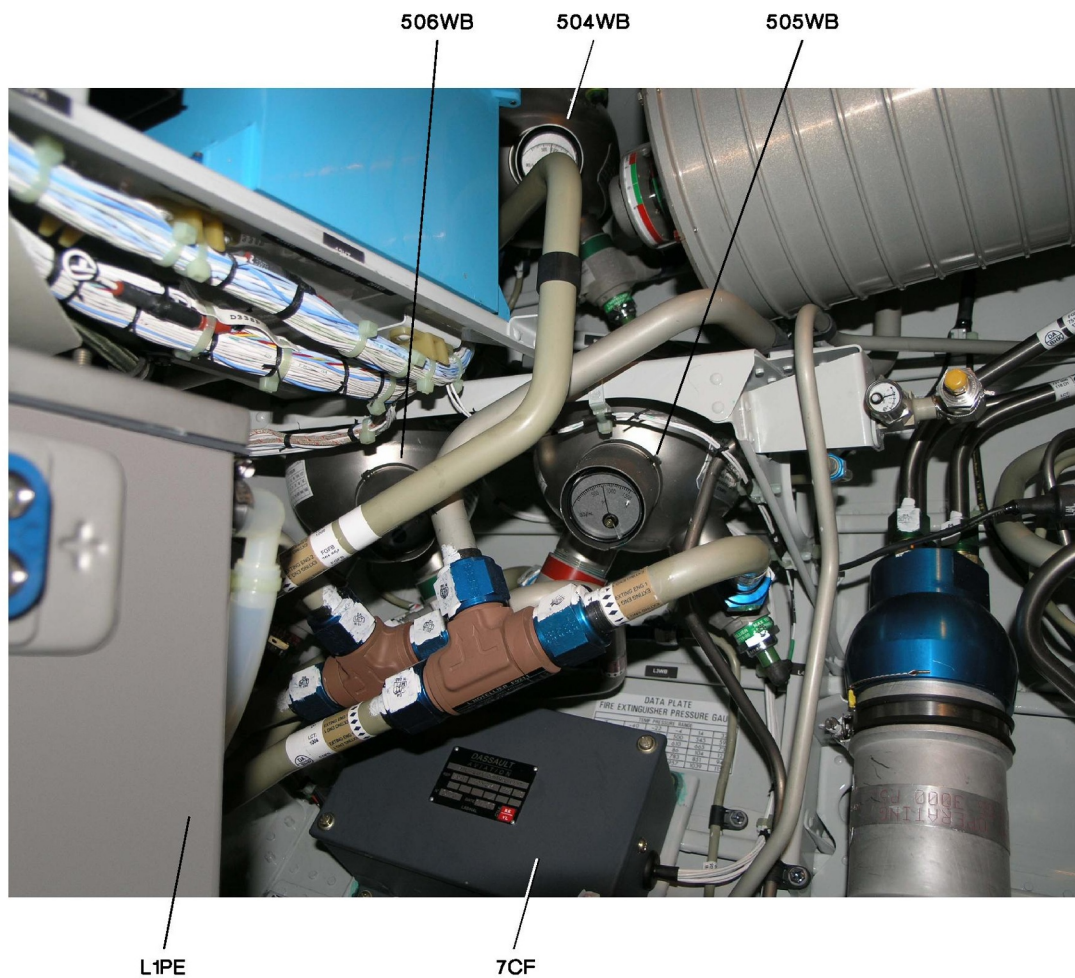
## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 3: REMOVAL/INSTALLATION OF FIRE EXTINGUISHERS**

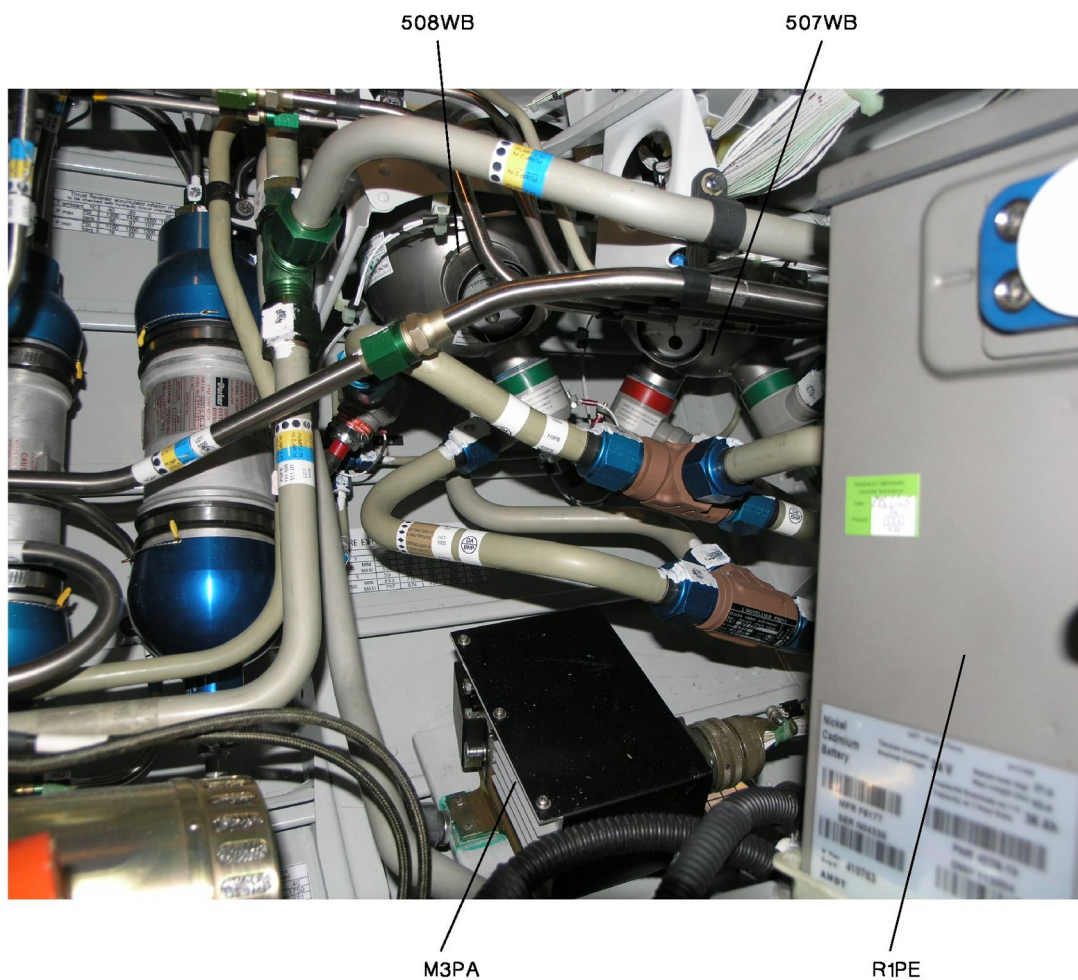


## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 4: MECHANIC'S SERVICING COMPARTMENT (LH SIDE)**

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 5: MECHANIC'S SERVICING COMPARTMENT (RH SIDE)**

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

### TASK 26-20-09-220-801 WEIGHING OF THE FIRE EXTINGUISHERS

#### 1. OVERVIEW OF THE JOB

Operation codes:

- |                       |  |
|-----------------------|--|
| • 26-20-09-220-801-01 | APU, baggage compartment fire extinguisher ( <b>504WB</b> )                    |
| • 26-20-09-220-801-02 | engine 1 first-shoot, engine 2 second-shoot fire extinguisher ( <b>505WB</b> ) |
| • 26-20-09-220-801-03 | engine 2 first-shoot, engine 1 second-shoot fire extinguisher ( <b>506WB</b> ) |
| • 26-20-09-220-801-04 | engine 3 first-shoot, engine 2 second-shoot fire extinguisher ( <b>508WB</b> ) |
| • 26-20-09-220-801-05 | engine 2 first-shoot, engine 3 second-shoot fire extinguisher ( <b>507WB</b> ) |
| • 26-20-09-220-801-06 | MSC fire extinguisher ( <b>503WB</b> )   |

**NOTE:** Never release Halon directly to the atmosphere when performing maintenance on Halon type fire extinguishers. These operations must be performed at specialized centers where the Halon can be recovered and treated.

#### 2. LOGISTICS

##### A. References

Reference	Designation
♦	
• <b>26-20-09-900-801</b>	REMOVAL / INSTALLATION OF THE FIRE EXTINGUISHERS
• <b>26-20-13-900-802</b>	REMOVAL / INSTALLATION OF THE ENGINE FIRE EXTINGUISHER PERCUSSION CARTRIDGES
• <b>26-20-13-900-803</b>	REMOVAL / INSTALLATION OF THE APU, BAGGAGE COMPARTMENT AND MECHANIC'S SERVICING COMPARTMENT FIRE EXTINGUISHER PERCUSSION CARTRIDGES

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

Reference	Designation	Quantity
• <b>TO-20-070</b>	WEIGHING SCALE	See NOTE 1

##### C. Access

Reference	Designation
• <b>MSD</b>	SERVICING COMPARTMENT DOOR

**NOTE:** Weighing scale, capable of 4 kg (9 lb), accuracy: ± 1g (0.002 lb).

#### 3. PRELIMINARY STEPS

- A. Gain access to the mechanic's servicing compartment through door (**MSD**).
- B. Remove the cartridges from the fire extinguisher to be weighed (Refer to **TASK 26-20-13-900-802** for the engine fire extinguishers or (Refer to **TASK 26-20-13-900-803** for the APU, baggage compartment and servicing compartment fire extinguishers).



## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

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- C. Remove the fire extinguisher to be weighed (Refer to [TASK 26-20-09-900-801](#)).

### **4. WEIGHING**

Refer to **fig. 1**

- A. Weigh the fire extinguisher using a weighing scale (precision scales  $\pm 1$  g ( $\pm 0.002$  lb)).
- B. Compare the measured value with the value indicated:
- on the identification plate for extinguisher (861630) or (863470-00),
  - on the placard for extinguisher (863470-01).

**NOTE:** The weight of the full fire extinguisher is defined as the weight of the extinguisher without the protective plugs and without the cartridges.

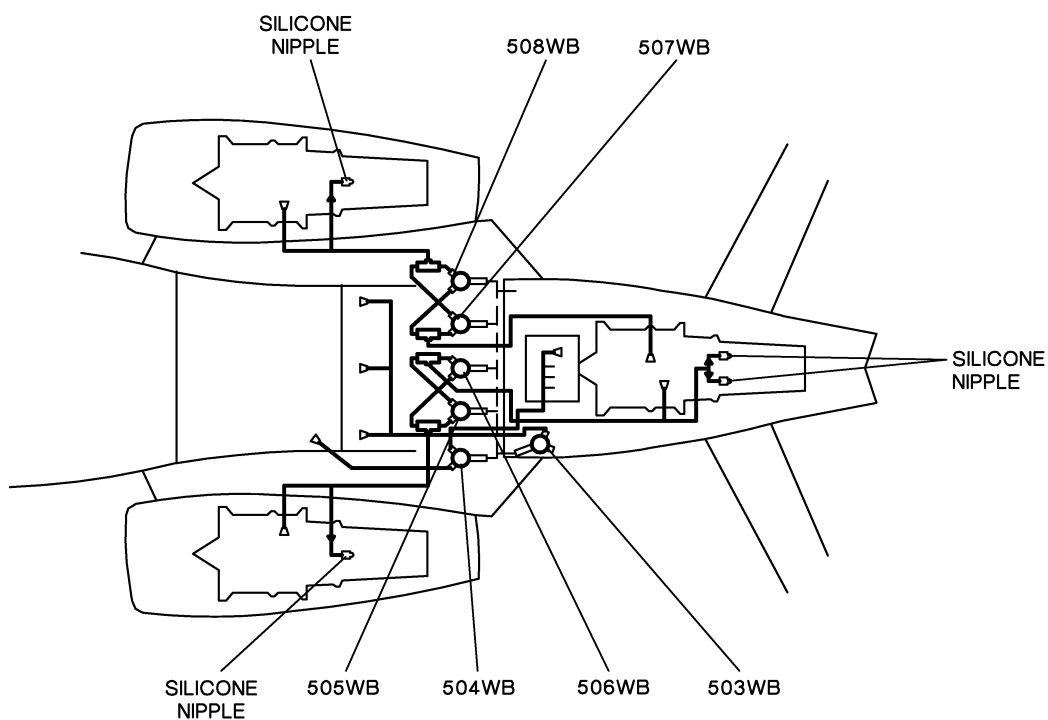
- C. Replace the fire extinguisher if its weight is 20 g (0.044 lb) lighter than the weight indicated:
- on the identification plate for extinguisher (861630) or (863470-00),
  - on the placard for extinguisher (863470-01).

### **5. FINAL STEPS**

- A. Install the fire extinguishers (Refer to [TASK 26-20-09-900-801](#)).
- B. Install the cartridges (Refer to [TASK 26-20-13-900-802](#)) for the engine fire extinguishers or (Refer to [TASK 26-20-13-900-803](#)) for the APU, baggage compartment and servicing compartment fire extinguishers).



## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL



**Figure 1: LOCATION OF THE FIRE EXTINGUISHERS**

## FALCON 900EX AIRCRAFT MAINTENANCE MANUAL

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### TASK 26-20-09-350-801

## RESTORATION OF THE FIRE EXTINGUISHERS (HYDROSTATIC TEST AND PRESSURE GAGE CALIBRATION)

### 1. OVERVIEW OF THE JOB

Operation codes:

- 26-20-09-350-801-01 APU, baggage compartment fire extinguisher ([504WB](#))
- 26-20-09-350-801-02 engine 1 first-shoot, engine 2 second-shoot fire extinguisher ([505WB](#))
- 26-20-09-350-801-03 engine 2 first-shoot, engine 1 second-shoot fire extinguisher ([506WB](#))
- 26-20-09-350-801-04 engine 3 first-shoot, engine 2 second-shoot fire extinguisher ([508WB](#))
- 26-20-09-350-801-05 engine 2 first-shoot, engine 3 second-shoot fire extinguisher ([507WB](#))
- 26-20-09-350-801-06 MSC fire extinguisher ([503WB](#))

The restoration of the fire extinguisher consists in:

- an overhaul of the fire extinguisher,
- an hydrostatic test of the fire extinguisher bottle.

For Removal/Installation of the fire extinguishers, refer to the AMM (Refer to [TASK 26-20-09-900-801](#)).

### 2. LOGISTICS

#### A. References

##### Reference

- [26-20-09-900-801](#)

##### Designation

REMOVAL / INSTALLATION OF THE FIRE EXTINGUISHERS