

Project No: **BDHRN002**Job Card No **0086**

Notif.No.: 10049114

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: **GVI APU Area**

ETOPS A/C: No

RVSM A/C: No

Warranty: -

ATA: 53

Check Type: 2A+ Inspection

Work Center	
FALCON A/C	

Zone: 400**Access Required for this task:**

455AL,456AR

Corrective Action

0001	Task carried out in accordance with the attached Customer Card that quotes the Operator code detailed below.					 Order: 80069235 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: 53-50-00-210-807

Operator Code: 53-50-00-210-807-01

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.: **53.090**

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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**>53-50-00-210-807- GENERAL VISUAL INSPECTION OF THE APU AREA
01**

REMARKS : _____

AMM 53-50-00-210-807

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TASK 53-50-00-210-807 GENERAL VISUAL INSPECTION OF THE APU AREA

1. OVERVIEW OF THE JOB

Operation code: 53-50-00-210-807-01

2. LOGISTICS

A. References

Reference	Designation
• 20-60-00-370-814	APPLICATION OF RENEWABLE ANTI-CORROSION PROTECTION PRODUCTS
• 54-11-09-900-801	REMOVAL / INSTALLATION OF THE ENGINE 2 COWLINGS

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
• TEMPORARY PROTECTION TYPE II	

D. Access

Reference	Designation
• 455AL	ENGINE 2 LH COWLING
• 456AR	ENGINE 2 RH COWLING

3. PRELIMINARY STEPS

- A. Open engine 2 cowlings ([455AL](#)) and ([456AR](#)) (Refer to [TASK 54-11-09-900-801](#), paragraph "Opening of Engine 2 Cowlings ([455AL](#))/([456AR](#))").

4. INSPECTION OF AIRCRAFT APU AREA FROM THE OUTSIDE

Refer to [fig. 1](#) and [fig. 2](#)

- A. Check for leaks.
- B. Check for abnormal fuel/oil flow through the drain stub.
- C. Check:
- the ventilation air inlet (2) and air outlet (3) of APU starter generator ([21PA](#)) ([fig. 1](#)),
 - the APU compartment ventilation air inlet for cleanliness and condition of protective grid (4) ([fig. 1](#)),
 - the the outlet (1) of the exhaust for condition of the visible section of the duct and the protective metal sheet (2) ([fig. 2](#)).
 - condition of air inlet grid (3) ([fig. 2](#)).

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D. Check of APU air inlet duct (4) (**fig. 2**):

- (1) Remove APU air inlet grid (3).
- (2) In the air inlet duct, clean the temporary protection with **P-D-680B**.
- (3) Visually inspect the air inlet duct:
 - (a) Check for corrosion. If corrosion is found, refer to the Structural Repair Manual (SRM) part 2, 53-00-24 for the specific repair.
 - (b) Check fasteners and rivets for condition.
- (4) Spray **temporary protection type II** all over the air inlet duct (Refer to **TASK 20-60-00-370-814**).
- (5) Install APU air inlet grid (3).

5. INSPECTION OF APU COMPARTMENT FROM THE INSIDE

Refer to **fig. 1**

A. Remove APU access cover (**300AZ**).

B. Inspect APU access cover (**300AZ**)

- (1) Check for damage, deformation, impacts, delamination.
- (2) Inspect Dzus fasteners
 - (a) Check fasteners for condition of studs and operation.
 - (b) Replace uncompliant fasteners.
 - (c) If damaged or broken fasteners are found, inspect the APU air inlet for foreign matter (refer to APU Maintenance Manual).

NOTE: The SB F900EX-3 should be applied at the next APU removal.

C. Visually check the APU for general condition; condition of safetying; condition and security of attachment of the fire detector.

D. Check lines for condition, security of attachment and connections.

E. Check exhaust duct (1):

- duct condition and security of attachment,
- draining of primary nozzle,
- space between primary nozzle and exhaust duct,
- condition of lagging.

F. Inspect APU starter generator (**21PA**):

- attachment to APU,
- attachment and protection of wires on terminals,
- condition, security of attachment, connections of ventilation ducts.

G. Inspect wiring for routing, attachment, connections and safeties, condition of liquid saturation and ageing of isolators and protective sheaths.

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- H. Inspect attachment:
 - condition of chassis and shock mounts,
 - safetying of shock mount pins and chassis attachment,
 - condition of bonding braid attachment.
- I. Inspect compartment bottom for:
 - cleanliness,
 - condition and efficiency of draining,
 - condition of lower partition.
- J. Inspect front fireproof metal sheet and the fixed section of the upper cowlings
 - (1) Check for damage, deformation, impacts, delamination.
 - (2) Check the following for condition of feedthroughs:
 - wiring,
 - fuel line,
 - bleed air line.
- K. Install APU access cover (**300AZ**).

6. FINAL STEPS

- A. Close engine 2 cowlings (**455AL**) and (**456AR**) (Refer to **TASK 54-11-09-900-801**, paragraph "Closing of Engine 2 Cowlings (**455AL**)/(**456AR**)").

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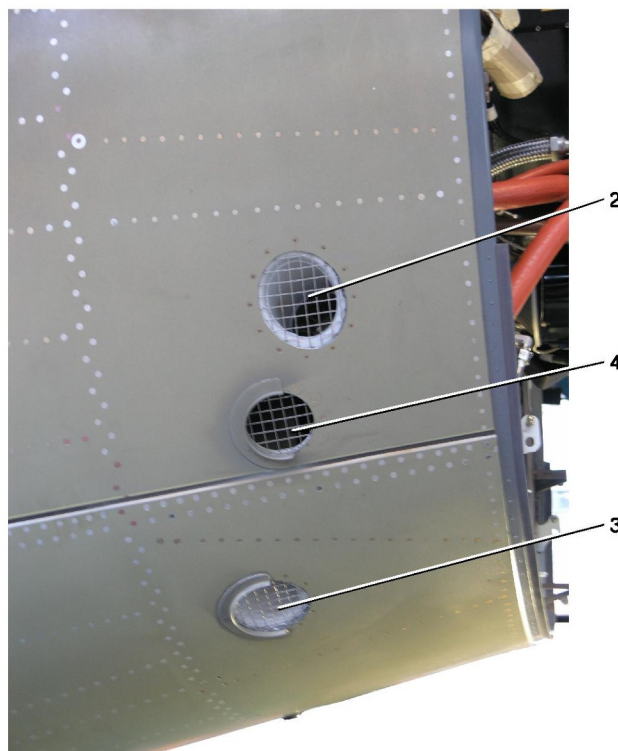
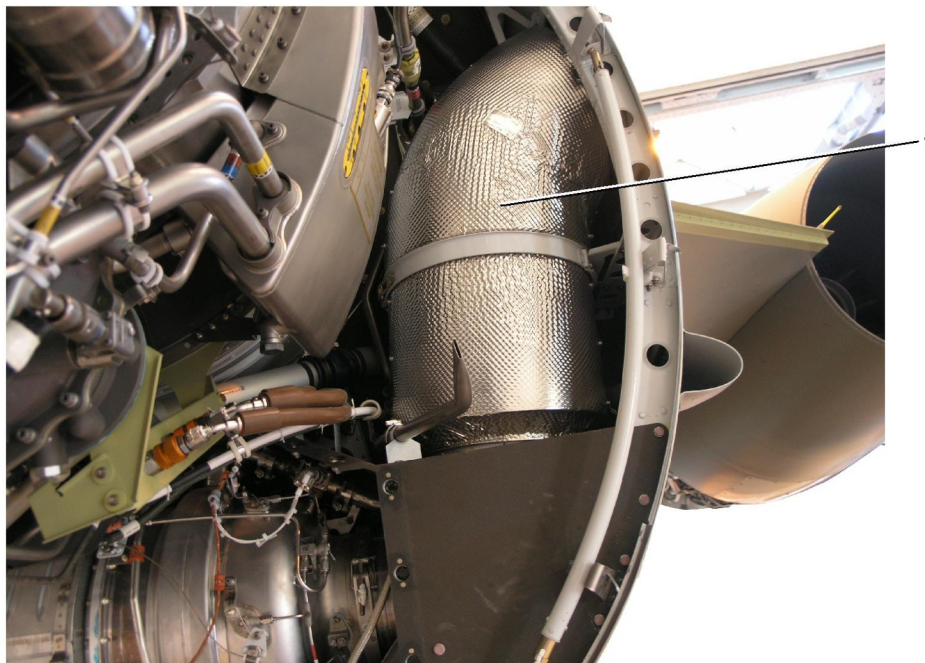


Figure 1: Check of APU Area

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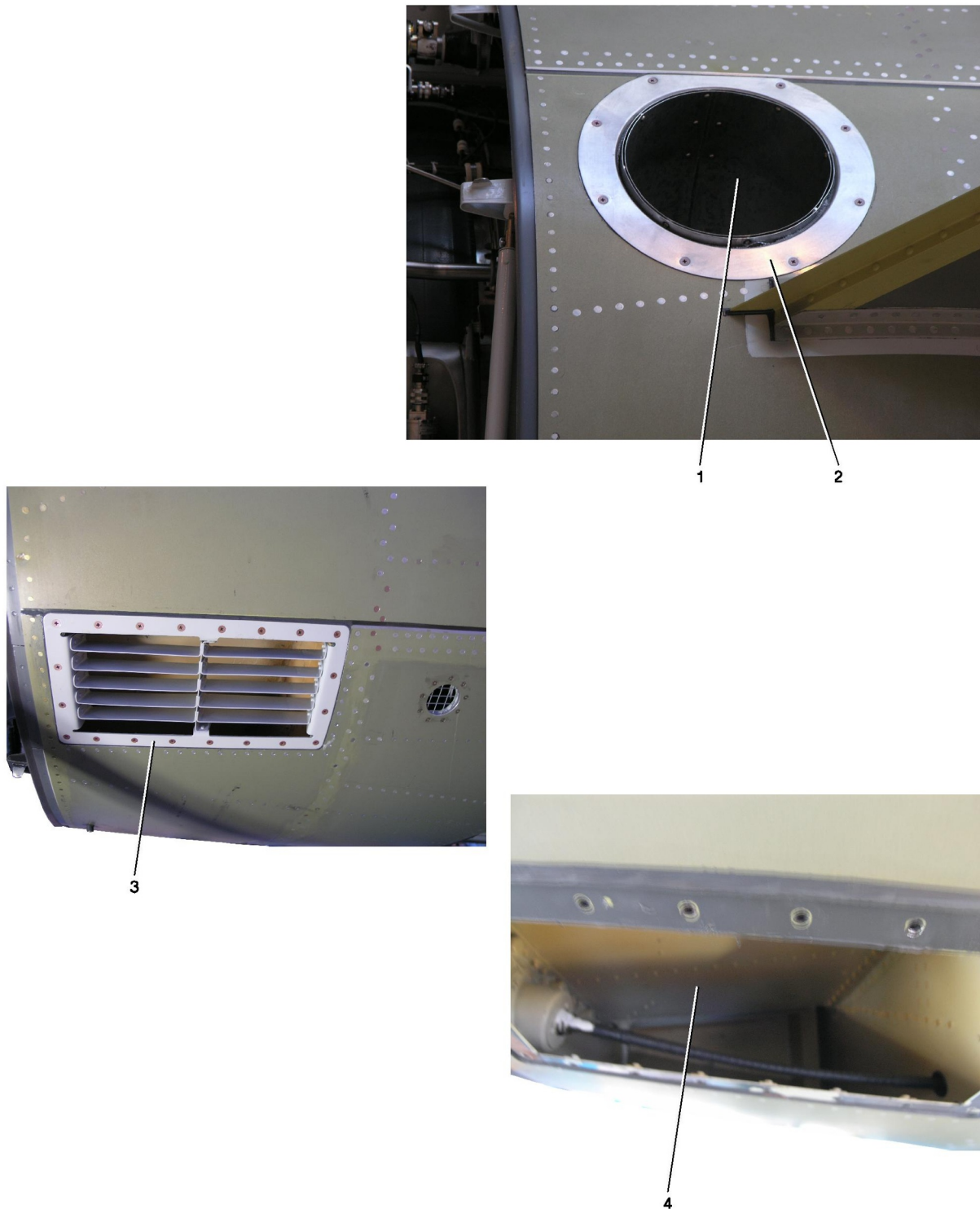


Figure 2: APU Area from the Outside