




<b>sabena</b> B707	Module: GENERAL	A/C Reg :	Check :	 06G200001 Page 2 of 12
	Oper. : PROC.	Issuer : A62165	Cert.St.: 50516	
	Type : MODIF	Release Date: 02.04.2010		
Spec. : ELECTRICIAN				

DFW B707-49-001 rev 1      APU BATTERY CHARGER REPLACEMENT


					MAINT	RII/INSP
Nr.	Hardtime	Task	Spec.	Related Documents		
1.		MOD	REI	DFW B707-49-001 rev 16 feb 2010		
<b>Check:</b>						
<b>Zones:</b>						
<b>Access:</b>						
NRC YES <input type="radio"/> NO <input type="radio"/>		IF YES, NUMBER(S):				
<b>REPLACEMENT OF SDI BATTERY CHARGER WITH AN ACME-URDC CARGER (REF TO FIG.1)</b>						
<b><u>A. CONDITIONS:</u></b>						
<b><u>CAUTION:</u></b> Keep the work area, wires and electrical bundles clean of metal particles or contamination when using tools. Unwanted material, metal particles or contamination caught in wire bundles can cause damage to the bundles. Damaged wire bundles can cause sparks or other electrical damage.						
<b><u>NOTE:</u></b> 1- Obey all warnings and cautions given in the specific manual sections. 2- Refer to the Boeing Standard Wiring Practices Manual D6-54446 chapter 20-10-11 and 20-10-12 for the wire installation procedures.						
1. Remove electrical power from airplane. Use independent power source for the work lights.						
<b><u>NOTE:</u></b> Item numbers used in the worksteps below are related to the material list at page 12. For clarity, the references to the partslists on the Steward Davis drawings are also provided.						
<b><u>B. PROCEDURE:</u></b> (SEE FIG FOR LOCATION)						
1. Access APU starter relay box at STA 960L lower lobe.						
a Remove existing charger controller P/N 2131 SD Mod CVR (ref. drawing 90513 item 13), WD 49-41-02 before modification.						
b Locally manufacture relay bracket item1 per drawing 92513 issue org.						
c Install relay bracket item 1 per drawing 92513 issue org. using Items 2, 3, 5, 13 and 31 (ref. drawing 92513 items 83, 45, 84, 69 and 25).						
d Install 4 nutplates item 6 per drawing 92513 issue org (ref. drawing 92513 Item 52) using item 7 (ref. drawing 92513 item 26).						
e Install battery reverse current relay item 10 (ref. 92513 Item 13) per drawing 92513 issue org. using item 9 und item 8 (ref. 92513 Items 43 and 53).						
f Remove capacitor P/N 67201-101-6 (ref. 92513 item 74) per drawing 92513 issue org.						
g Locally manufacture battery charger CB bracket item 11 (ref. 92513 item 81).						
h Install battery charger CB bracket item 11 per drawing 92513 issue org., using item 12 and item 4 (ref. 92513 items 6 and 25).						
i Identify modified APU starter relay box with the sentence "modified with E.I DFW B707-49-001 rev. 01" per BAC5307 par 8.3.1 RA using options for rubber stamp per 8.3.2.g.						

DFW B707-49-001 rev 1      APU BATTERY CHARGER REPLACEMENT



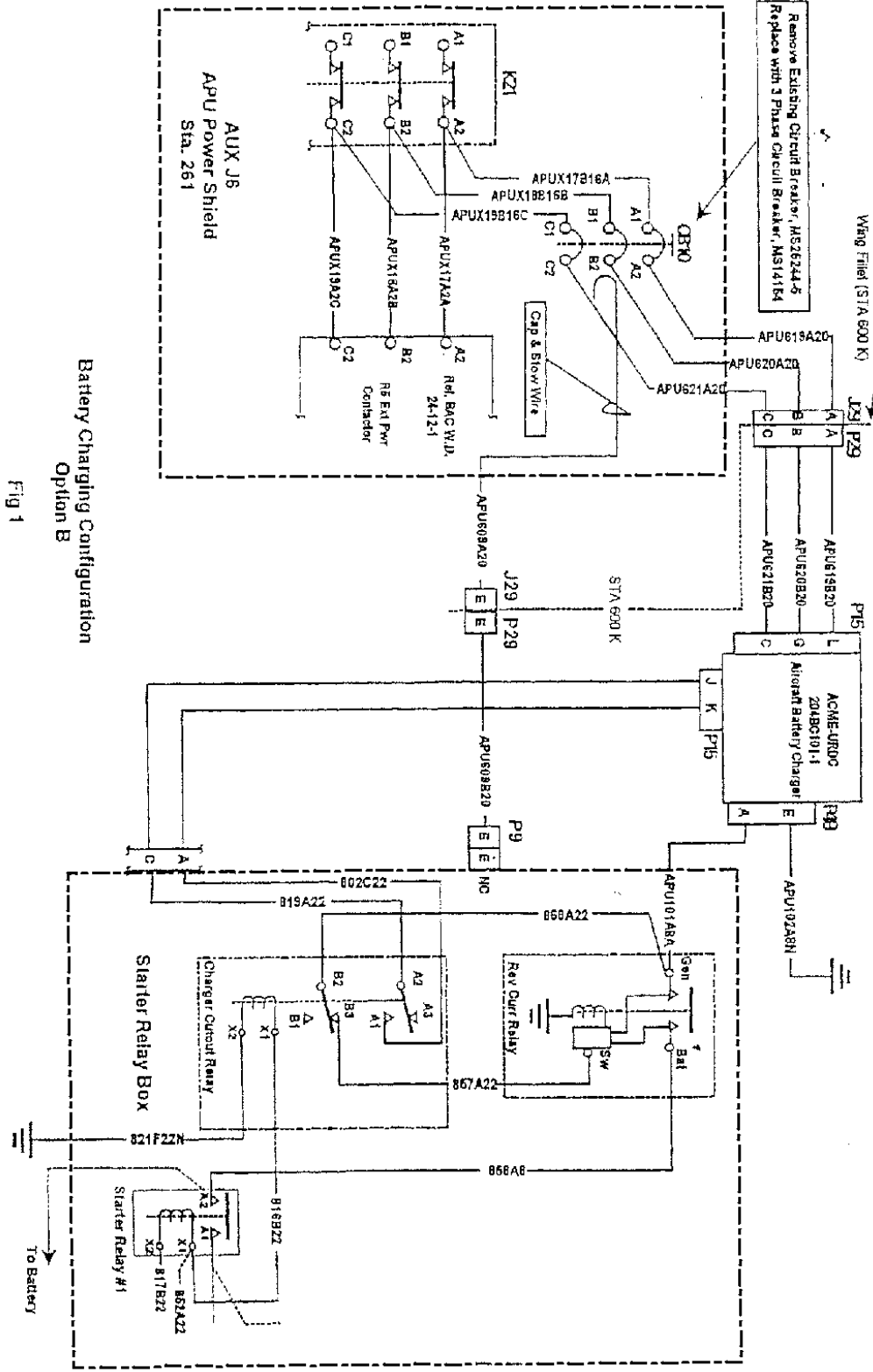





<b>sabena</b> <b>B707</b>	Module: GENERAL	A/C Reg :	Check :	 <b>06G200001</b> Page 6 of 12
	Oper. : PROC.	Issuer : A62165	Cert.St.: 50516	
	Type : MODIF	Release Date: 02.04.2010		
Spec. : ELECTRICIAN				

DFW B707-49-001 rev 1      APU BATTERY CHARGER REPLACEMENT

MAINT      RII/INSP

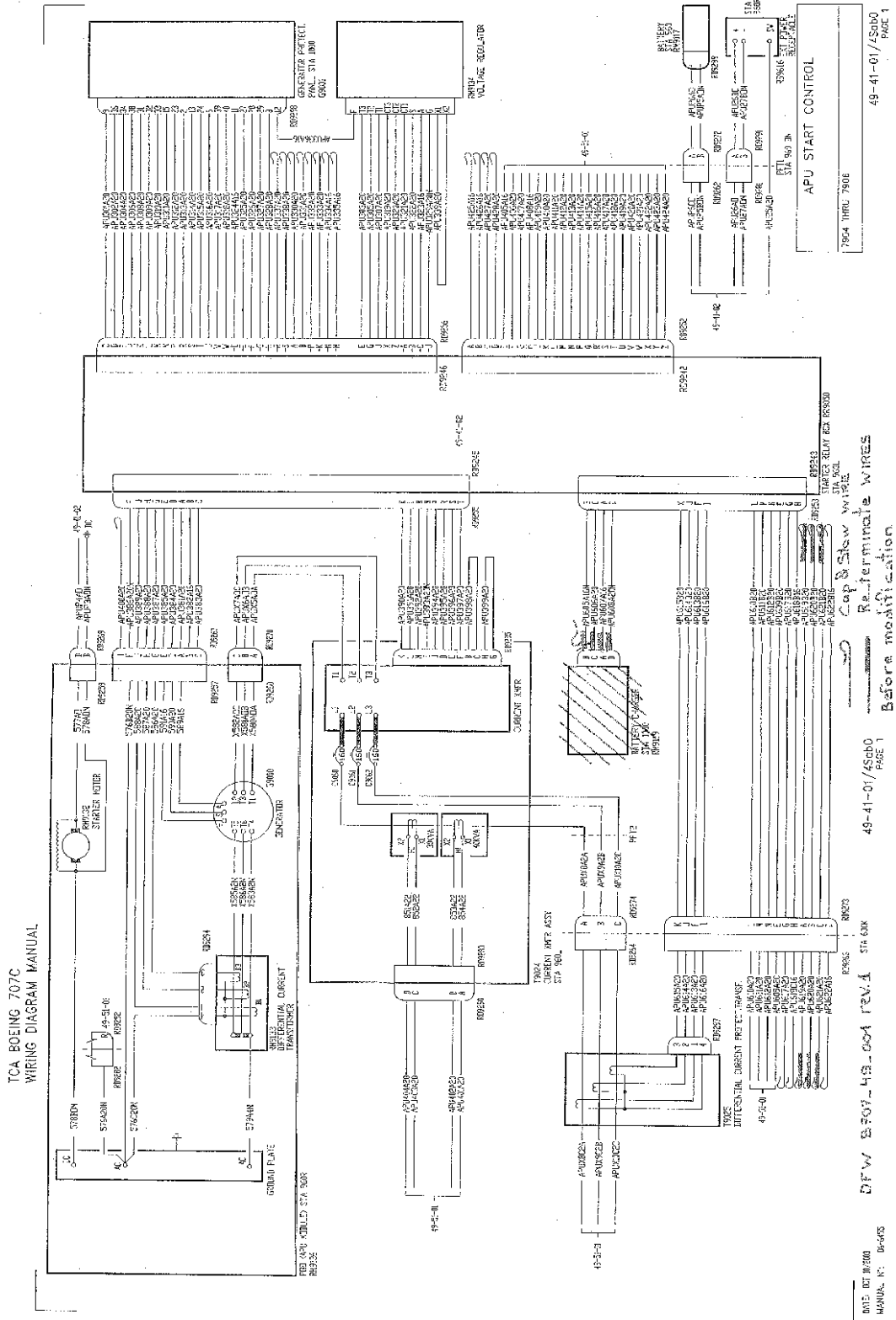


<b>sabena</b> <b>B707</b>	Module: GENERAL	A/C Reg :	Check :	 <b>06G200001</b> Page 7 of 12
	Oper. : PROC.	Issuer : A62165	Cert.St.: 50516	
	Type : MODIF	Release Date: 02.04.2010		
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DFW B707-49-001 rev 1

APU BATTERY CHARGER REPLACEMENT

MAINT RII/INSP



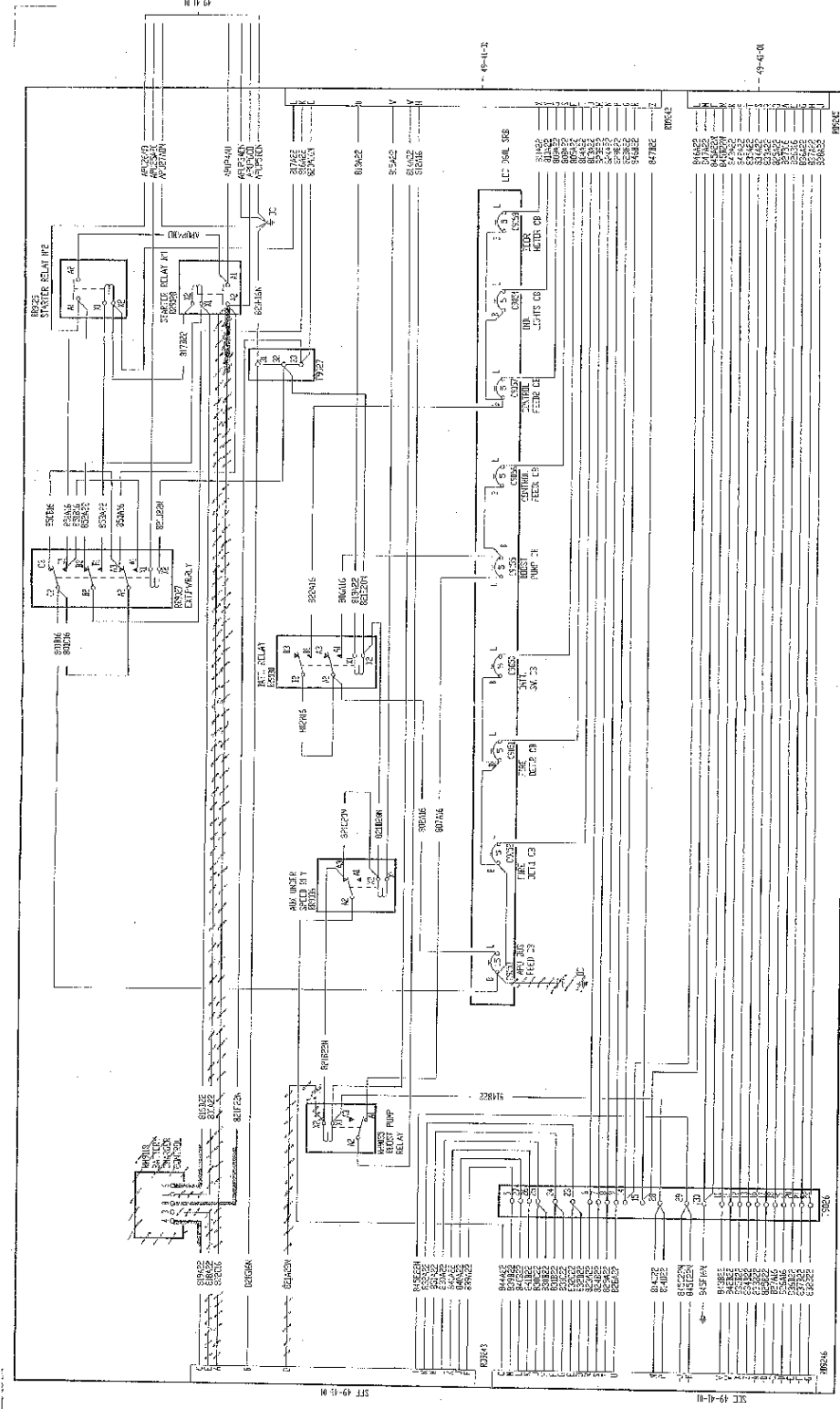


DFW B707-49-001 rev 1

**APU BATTERY CHARGER REPLACEMENT**

**MAINT      RII/INSP**

TCA BOEING 707C  
WIRING DIAGRAM MANUAL



APU STARTER RELAY BOX  
7804 THRU 7900  
49-41-02/35060  
PAGE 1


Before DFW B707-49-001 Rev.1

Removed wires  
Re-terminate wires

49-41-02/35060  
PAGE 1

APU STARTER RELAY BOX  
7804 THRU 7900  
49-41-02/35060  
PAGE 1

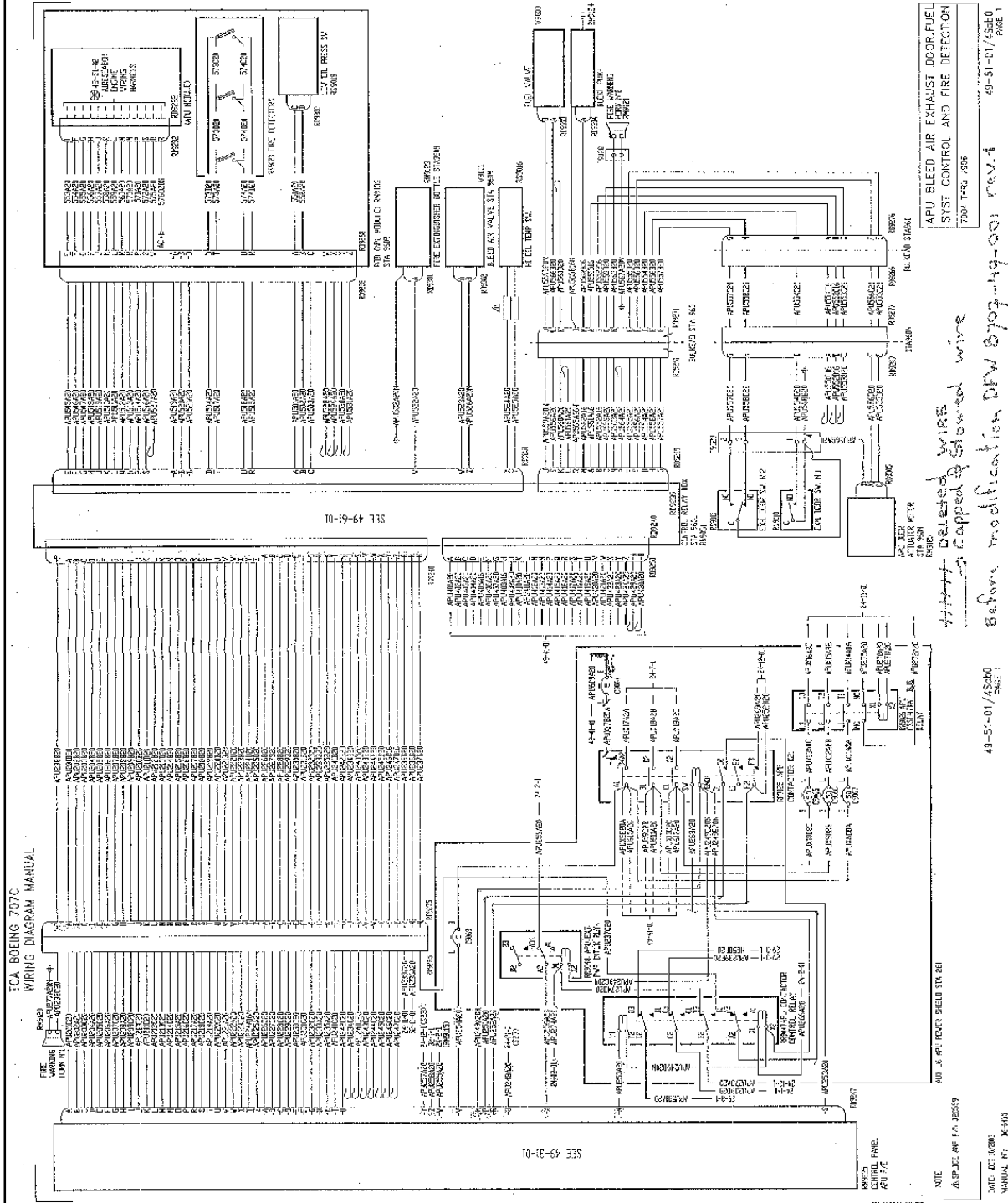


<b>sabena</b> <b>B707</b>	Module: GENERAL	A/C Reg :	Check :	 <b>06G200001</b> Page 11 of 12
	Oper. : PROC.	Issuer : A62165	Cert.St.: 50516	
	Type : MODIF	Release Date: 02.04.2010		
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DFW B707-49-001 rev 1


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DFW B707-49-001 rev 1

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<b>sabena</b> <b>B707</b>	Module: GENERAL	A/C Reg :	Check :	 <b>06G200001</b> <b>Page 12 of 12</b>
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DFW B707-49-001 rev 1      APU BATTERY CHARGER REPLACEMENT

**MAINT**      **RII/INSP**

## ENGINEERING INSTRUCTION

<b>EI-Number:</b> DFW B707-49-001	<b>Rev.:</b> 0	<b>Date:</b> 16 Feb 2009
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**Component / Equipment Type:**      Electrical Power - APU

### Accomplishment Report

Note:

Please send this Accomplishment Report to ESEC and attach it to the CDRL30 (DLM Report) if applicable.

**Subject:**

**Model:**

**Accomplished at (Tailnumber):**

**Date of Accomplishment:**

**Description of Deviations:**

**Findings:**

**Carry Overs:**

**SOR Statements:**

**Executed/performed by:**

**SOR Engineering Representative:**

**SOR Quality Assurance:**

Name:

Name:

Name:

Date:

Date:

Date:

SOR:

Signature:

Signature:

Signature: