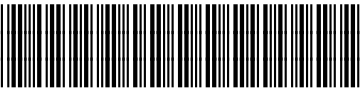
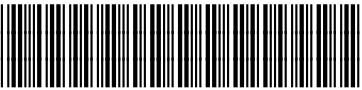


sabena [®] B707	Module: COCKPIT + WINDOW	A/C Reg :	Check :	 81K0000510
	Oper. : RT-MP LC			
	Type : *OPER./FUNC. CHE	Issuer : A45831	Cert.St.: 24828	Page 1 of 6
Spec. : ELECTRICIAN	Release Date: 02.10.2001			

UARRSI INST FUNC TEST

Execution / Start Date:	
End Date:	


MAINT	RII/INSP

sabena B707	Module: COCKPIT + WINDOW	A/C Reg :	Check :	
	Oper. : RT-MP LC			
	Type : *OPER./FUNC. CHE	Issuer : A45831	Cert.St.: 24828	81K0000510
Spec. : ELECTRICIAN	Release Date: 02.10.2001		Page 2 of 6	

UARRSI INST FUNC TEST

					MAINT	RII/INSP
Nr.	Hardtime	Task	Spec.	Related Documents		
1.		F2 S	REI	MMS-328 280102 00100 rev 15/05/01		
Check: C Zones: 223, 226 Access:						
<p><u>MATERIAL:</u> TEST SET AVAILABLE IN GEILENKIRCHEN.</p> <p><u>CONDITION:</u> – CEILING PANEL BEFORE COCKPIT DOOR REMOVED. – AIRCRAFT IS GROUNDED. – ELECTRICAL POWER ON.</p> <p><u>UARRSI INSTALLATION FUNCTIONAL TEST + CLEAN & TREAT CONTACTS.</u></p> <p>1. REFUEL INDICATOR TEST.</p> <p>a) Hydraulic power is not pressurized.</p> <p>b) MASTER REFUEL SW on P11 refueling panel —> OFF.</p> <p>c) C/B's: ARR CONTROL and ARR DIM AND TEST on P5 —> CLOSED.</p> <p>d) Place ARR IND LIGHT sw in TEST. CHECK: – Master refuel NORM and OVRD indicator —> ON. – A/R STATUS indicators READY, LATCHED & DISC —> ON. – A/R will illuminate on A/R RESET SW.</p> <p>e) Return ARR IND LIGHTS sw to BRIGHT.</p> <p>f) Push to test each indicator on P15 pilots light shield. READY, LATCHED and DISC will illuminate as each is pushed and can be dimmed by rotating lens cap.</p> <p>2. SLIPWAY DOOR CONTROL & SLIPWAY ILLUMINATION LIGHTS TEST.</p> <p>a) Pressurize hydraulic system.</p> <p>b) C/B: AERIAL REFUEL OVERRIDE on P5 —> CLOSED.</p> <p>c) Depress MASTER REFUEL "NORM" sw to ON.</p> <p>d) Move Aerial Door Handle to OPEN.</p>						


UARRSI INST FUNC TEST

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UARRSI INST FUNC TEST

	MAINT	RII/INSP
<p>e) CHECK: – A/R Master NORM and A/R Indicator —> ON. – Slipway doors open. – A/R status light READY —> ON. – READY indication on P15 —> ON. – Slipway lights —> ON (intensity controlled by rheostat on P11).</p> <p>f) ARR IND LIGHTS sw in DIM and check A/R status lights READY, RESET and master refuel NORM will DIM.</p> <p>g) Return ARR IND LIGHTS to BRIGHT.</p> <p>3. AERIAL REFUELING SYSTEM “NORMAL” FUNCTIONAL TEST.</p> <p>a) Check lights on P11: – Master refuel “NORM” —> ON. – A/R Reset “A/R” —> ON. – A/R Status light “READY” —> ON.</p> <p>b) P15 pilot’s light shield “READY” —> ON.</p> <p>c) Check: Slipway doors —> OPEN.</p> <p>d) INTERPHONE SELECT sw —> ON.</p> <p>e) Energize IFR test set + calibrate.</p> <p>WARNING: WHEN TEST SET IS RELEASED FROM RECEPTACLE A117 POUND SLIDING VALVE SPRING FORCE IN THE RECEPTACLE WILL EXPEL THE TEST SET. OPERATING PERSONNEL MUST BE PREPARED TO RESIST THIS FORCE. DUE TO CAUTION MUST BE EXERCISED TO PREVENT INJURY TO PERSONNEL OR DAMAGE TO TEST EQUIPMENT.</p> <p>CAUTION: REMOVE RETAINER AND END CLIP FROM IFR RECEIVER SYSTEM TEST SET.</p> <p>f) Insert test set into receptacle and verify that it latched in place.</p> <p>g) CHECK: – On P11 A/R status light “READY” —> OFF. “LATCHED” —> ON. – On P15 “READY “ light —> OFF. “LATCHED” —> ON.</p> <p>NOTE: Receptacle toggles should immediatly release test set when step “h” is performed.</p> <p>h) While holding test set in position, push test set switch to “TEST”. CHECK: – Test set is released from receptacle. – P11: A/R status lights LATCHED —> OFF. DISC —> ON. – P15: Lights LATCHED —> OFF. DISC —> ON.</p> <p>i) Press on P11: A/R RESET SW. CHECK: –On P11 & P15 light: DISC —> OFF. READY —> ON.</p> <p>j) Insert test set into receptacle check that it latched in place. CHECK: –On P11 & P15 light: READY —> OFF. LATCHED —> ON.</p>		


UARRSI INST FUNC TEST

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UARRSI INST FUNC TEST

	MAINT	RII/INSP
<p>k) Test set in position, push pilot's autopilot release sw. CHECK: – Test set is released from receptacle. – On P11 & P15 light: LATCHED —> OFF. DISC —> ON.</p> <p>l) Press A/R RESET sw (on P11). CHECK: – On P11 & P15 light: DISC —> OFF. READY —> ON.</p> <p>m) Insert test set into receptacle. CHECK: – On P11 & P15 light: READY —> OFF. LATCHED —> ON.</p> <p>n) Test set in position, push the copilot's autopilot release sw. CHECK: – Test set is released from receptacle. – On P11 & P15 light: LATCHED —> OFF. DISC —> ON.</p> <p>o) Press A/R RESET sw (on P11). CHECK: – On P11 & P15 light: DISC —> OFF. READY —> ON.</p> <p>p) Insert test set into receptacle. CHECK: – On P11 & P15 light: READY —> ON. LATCHED —> OFF.</p> <p>q) Disconnect electrical connector D5129 from A/R overpressure sw. S1037 (located at sta 312 BL-0).</p> <p>r) Test set in position, use a jumper wire to connect pins A and B of connector D5129 together. CHECK: – Test set is released from receptacle. – On P11 & P15 light: LATCHED —> OFF. DISC —> ON.</p> <p>s) Remove jumper and reconnect connector D5129.</p> <p>t) Press A/R RESET sw (on P11). CHECK: – On P11 & P15 light: DISC —> OFF. READY —> ON.</p> <p>u) Move Aerial Refueling Door Handle to CLOSED.</p> <p>v) Place P11 Master Refuel NORM sw to OFF position by depressing "NORM" and releasing. CHECK: – Slipway light —> OFF. – Slipway doors will close. – All status light —> OFF. – Master Refuel Normal, Override & A/R Reset A/R indicator —> OFF.</p>		


UARRSI INST FUNC TEST

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	Spec. : ELECTRICIAN	Release Date: 02.10.2001		

UARRSI INST FUNC TEST

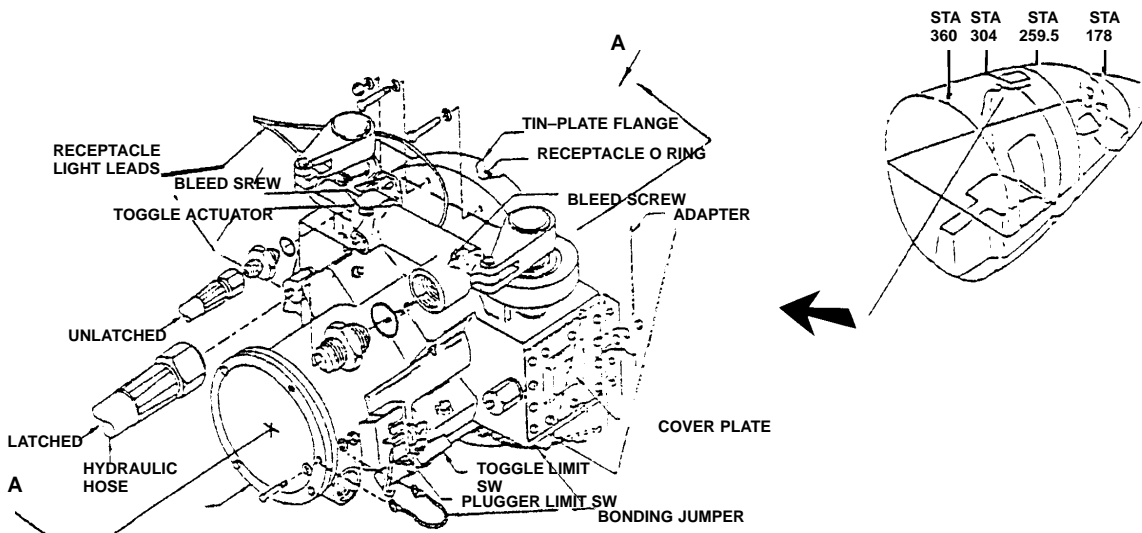
	MAINT	RII/INSP
<p>4. AERIAL REFUELING SYSTEM OVERRIDE FUNCTIONAL TEST.</p> <p>a) Depress Master Refuel "OVRD" sw to ON.</p> <p>b) Aerial Refueling Door Handle to "OPEN".</p> <p>c) CHECK: – A/R Master Override and A/R Reset indicators —> ON. – Slipway door will open. – A/R status "READY" indicator —> ON (on P11 & P15).</p> <p>d) Press & hold P11 A/R reset sw: – Light READY on P11 & P15 —> OFF. Release reset sw: – READY light goes ON.</p> <p>e) While test set in position: Push the test set sw to "TEST" (check that the test set is not released from receptacle).</p> <p>f) Test set still in position push the pilot's autopilot release sw. CHECK: – Test set is released from receptacle. – On P11 & P15 light: LATCHED —> OFF. DISC —> ON.</p> <p>g) Press and release P11 A/R RESET sw. CHECK: – On P11 & P15 light: DISC —> OFF. READY —> ON.</p> <p>h) Move Aerial Refueling Door Handle to CLOSED.</p> <p>i) Place Master Refuel "OVRD" sw in OFF by depressing "OVRD" and releasing. CHECK: – Slipway light —> OFF. – Slipway door will CLOSE. – On P11 & P15 ALL A/R status lights will go OFF. – Master Refuel NORM, OVRD & A/R Reset "A/R will be OFF".</p>		
<p>5. TERMINATE FUNCTIONAL CHECK.</p> <p>Accomplishment of the following steps will properly shutdown the Aerial Refueling System upon completion of the functional test.</p> <p>a) Open all C/B's closed in previous step.</p> <p>b) Depressurize hydraulic power.</p>		
<p>6. CLEAN AND TREAT CONTACT (see fig.).</p> <p>Use M.E.K. for cleaning the contact and VASELINE for treating.</p>		

UARRSI INST FUNC TEST

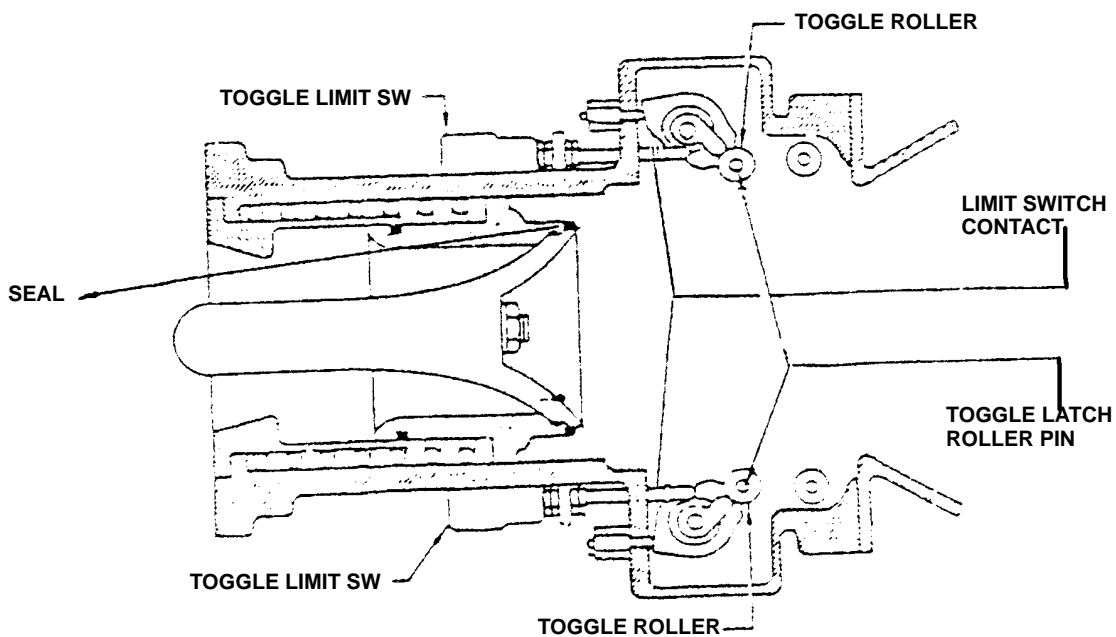
sabena B707	Module: COCKPIT + WINDOW	A/C Reg :	Check :	 81K000510
	Oper. : RT-MP LC	Issuer : A45831	Cert.St.: 24828	
	Type : *OPER./FUNC. CHE	Release Date: 02.10.2001	Page 6 of 6	
Spec. : ELECTRICIAN				

UARRSI INST FUNC TEST

MAINT RII/INSP



VIEW A-A



**UARRSI RECEPTACLE
FIG 401 bis
REF:T.O.NN 1E-3A-2-28-1**