



<b>sabena</b> <b>B707</b>	Module: COCKPIT + WINDOW	A/C Reg :	Check :	
	Oper. : RT-MP LC			
	Type : *OPER./FUNC. CHE	Issuer : A59513	Cert.St.: 50516	<b>81K0000517</b>
Spec. : MECHANIC	Release Date: 19.05.2010		<b>Page 1 of 2</b>	

**HYD BRAKE CONT SYST F/C**

Execution / Start Date:	
End Date:	

**MAINT**      **RII/INSP**

Pos	Mat. Type	P/N	IDN	Description	Qty	Unit
1	TOOL	OC-028A		PRESS GAGE	0.00	

<b>sabena</b> <b>B707</b>	Module: COCKPIT + WINDOW	A/C Reg :	Check :	 <b>81K0000517</b> <b>Page 2 of 2</b>
	Oper. : RT-MP LC	Issuer : A59513	Cert.St.: 50516	
	Type : *OPER./FUNC. CHE	Release Date: 19.05.2010		
Spec. : MECHANIC				

**HYD BRAKE CONT SYST F/C**

					<b>MAINT</b>	<b>RII/INSP</b>	
<b>Nr.</b>	<b>Hardtime</b>	<b>Task</b>	<b>Spec.</b>	<b>Related Documents</b>			
<b>1.</b>		<b>F2</b>	<b>MEC</b>	<b>MMS-328 324003 00100 rev 15/05/01</b>			
<b>Check: C</b>							
<b>Zones:</b>							
<b>Access:</b>							
NRC YES <input type="radio"/> NO <input type="radio"/>		IF YES, NUMBER(S): .....					

**NOTE: FLUSH & BLEED SYSTEM PRIOR TO TEST.**

**HYDRAULIC BRAKE CONTROL SYSTEM FUNCTIONAL CHECK.**

***TEST HYDRAULIC BRAKE CONTROL SYSTEM.***

1. Check that nose and main landing gear down locks are installed.
2. Check that Mlg doors are poen with release handle pulled down and latched.
3. Jack airplane.
4. Install a 0 to 1500 psi gage downsteam of each lockout–deboost valve.
5. Disconnect engine bleed air bleed line to hydraulic reservoir.
6. Connect bleed line to a 100 psi air pressure source and slowly build the pressure. Pressure regulator will maintain 45 psi pressure in return system.
7. Discharge brake accumulator by operating brakes fully 10 times.
8. Check accumulator pressure gage to agree with placard. Adjust precharge pressure if required.
9. Pressurize system to 3000 psi.
10. Depress brake pedals gradually. Pressure on gage shall build up steadily. At full pedal travel, gage shall read 1035 (+/-20) psi.
11. Release pedals and turn each wheel to check for freedom rotation.
12. Check pressure on gages to read 35 psi max.
13. Check accumulator charge to be 3000 psi and depressurize system.
14. Apply brakes, 5 times. Accumulator prssure shall not drop to 800 (+/- 25) psi untill after the fifth application.
15. Pressurize hydraulic system to 3000 psi.
16. Spin 1 main landing wheel and place MLG control handle in UP position.
17. Breaking action shall stop wheel when control handle reaches up position. Note progress of braking on gages installed downstream lockout–deboost valves. Gages shall read 175(+/- 25) psi.
18. Place gear control handle in DOWN position. Gain pressure downstream lockout–deboost valves shall fall to 35 psi or less.
19. Depressurize hydraulic system.
20. Remove pressure gages and reconnect hydraulic lines.

**HYD BRAKE CONT SYST F/C**