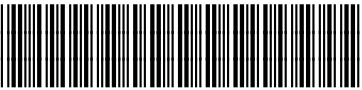


| | | | | |
|---|--------------------------|-----------------|--------------------|--|
| sabena [®] B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  |
| | Oper. : RT-MP LC | | | |
| | Type : *OPER./FUNC. CHE | Issuer : A59513 | Cert.St.: 45379 | 91K0000511 |
| Spec. : ELECTRICIAN | Release Date: 15.09.2008 | | Page 1 of 7 | |


ACCOMODATION SYST TEST

| | | | | | |
|-------------------------|--|--|--|--------------|-----------------|
| | | | | MAINT | RII/INSP |
| Execution / Start Date: | | | | | |
| End Date: | | | | | |

| Pos | Mat. Type | P/N | IDN | Description | Qty | Unit |
|-----|-----------|-----------|-----|--------------|------|------|
| 1 | TOOL | B70736001 | | OXYGENE TEST | 1.00 | EA |
| 1 | TOOL | ALLOC 999 | | TEST STATIC | 1.00 | EA |

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
|--|--|--|--|--|--|--|

ACCOMODATION SYST TEST

| | | | | |
|-----------------------|--------------------------|-----------------|-----------------|--|
| sabena B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  |
| | Oper. : RT-MP LC | | | |
| | Type : *OPER./FUNC. CHE | Issuer : A59513 | Cert.St.: 45379 | 91K0000511 |
| Spec. : ELECTRICIAN | Release Date: 15.09.2008 | | Page 2 of 7 | |

ACCOMODATION SYST TEST

| | | | | | MAINT | RII/INSP | |
|--|----------|--------------------------|-------|-----------------------------------|-------|----------|--|
| Nr. | Hardtime | Task | Spec. | Related Documents | | | |
| 1. | | F2 | REI | MMS-328 352002 00100 rev 15/05/01 | | | |
| Check: C2 | | | | | | | |
| Zones: 115, 226 | | | | | | | |
| Access: | | | | | | | |
| NRC YES <input type="radio"/> NO <input type="radio"/> | | IF YES, NUMBER(S): | | | | | |

PASSENGER & PERSONNEL ACCOMODATION SYSTEM
DROP CHECK & MASK FLOW TEST.

NOTE: ONLY A REPRESENTATIVE SAMPLE(+/- 10% OF TOTAL OF SERVICE UNITS IN THE PASSENGER OXYGENE SYSTEM) NEED BE CHECKED. IF ANY DEFECT OR MALFUNCTION IS FOUND, HOWEVER ALL REMAINING SERVICE UNITS SHOULD BE INSPECTED ALL PSU'S IN THE PERSONNEL ACCOMODATIONS OXYGEN SYSTEM (IF INSTALLED) SHOULD BE CHECKED.

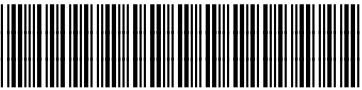
A. TEST PASSENGER OXYGENE SYSTEM. (Fig page 6 of 6).

- Preparation for the test: – Place masking tape on PSU oxygen doors in passenger cabin + lavatory except on the 10% samples needed to be checked.
 - Close C/B PASS OXY VLV & LTS on P5.
 - Energize T-R bus Nr 4.
 - Close C/B OXY PRESS on P7.
 - Close all cylinder shut off valves.
 - Connect portable test cylinder to high pressure test connection.
 - Disconnect oxygen line just ahead of bajonet test connection in fwd lowered ceiling & install oxygen test set to one end of oxygen line. Cap other end.
- Connect vacuum source (test static) to test port of automatic (trigger) valve & connect vacuum source to test port of one continuous flow regulator..
- Disconnect outlet of one pressure reducing regulator from line & cap outlet and line. Cap open connections.

WARNING: RESIDUAL PRESSURE IN HIGH PRESSURE LINE COULD BE AS HIGH AS 1850 PSI & OXYGEN WOULD ESCAPE WITH FORCE.

- Open portable test cylinder valve.
- Reduce pressure at ports to 16.95 – 17.72 in HG absolute.
- Observe that automatic valve manual lever has moved to OPEN.


ACCOMODATION SYST TEST

| | | | | |
|------------------------------|-------------------------|--------------------------|-----------------|--|
| sabena B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  |
| | Oper. : RT-MP LC | | | |
| | Type : *OPER./FUNC. CHE | Issuer : A59513 | Cert.St.: 45379 | |
| | Spec. : ELECTRICIAN | Release Date: 15.09.2008 | | Page 3 of 7 |

ACCOMODATION SYST TEST

| | MAINT | RII/INSP |
|--|-------|----------|
| <p>7. Check that all passenger, cabin attendants & lavatory service units doorshave unlatched to release masks. No oxygen should flow into masks.</p> <p>8. Reduce pressure at test ports to 12.1 in.HG absolute.</p> <p>9. Observe that test pressure gage reads 7.5 to 24.8 psi.</p> <p>10.Observe that warning lights at pilot's overhead panel & at each attendant's panel have illuminate.</p> <p>11. Remove vacum from test ports.</p> <p>12. Reset automatic valve as follow: a) Push reset button untill it is stopped, then release. b) Move manual lever to CLOSED position.</p> <p>13. Check that pressure gage reads to zero.</p> <p>14. Refer to step 2. Connect vacum source from test port of one continuous flow regulator & connect it to test port of other continuous flow regulator.</p> <p>15. Refer to step 3. Reconnect disconnected pressure regulator to line & disconnect the other one.</p> <p>16. Reduce pressure at test ports to 12.1 in HG absolute.</p> <p>17. Manually move automatic lever to OPEN.</p> <p>18. Check that test pressure gage reads 7.5 to 24.8 psig.</p> <p>19. Reset automatic valve per step 12.</p> <p>20. Open bypass valve by operating passenger oxygen sw. on pilot's overhead panel P5.</p> <p>21. Check that bypass valve lever has moved to OPEN position.</p> <p>22. Check that pressure gage reads to 7.5 to 24.8 psig.</p> <p>23. Decrease pressure at test port to 5.54 in HG absolute.</p> <p>24. Check that pressure gage reads to 34.8 to 53.3 psig.</p> <p>25. Pull down on at least 10 masks located at random: a) On A/C with rotary shutoff valves oxygen should flow into each mask when valve arm is rotated against OPEN stop. b) On A/C with pressure latch–valve manifold assembly oxygen should flow into each mask when flow control pin is removed.</p> <p>26. Close valves or install flow control pins.</p> <p>27. Reset bypass valve identically as automatic valve. Refer to steps 14 & 15.</p> <p>28. Close portable test cylinder valve and remove test cylinder.</p> <p>29. Disconnect gage from test connection & restore low pressure test connection to normal use.</p> <p>NOTE: If low pressure tubing leakage test is going to be performed next, gage may be left in place.</p> | | |


ACCOMODATION SYST TEST

| | | | | |
|------------------------------|-------------------------|--------------------------|-----------------|--|
| sabena B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  91K000511 Page 4 of 7 |
| | Oper. : RT-MP LC | | | |
| | Type : *OPER./FUNC. CHE | Issuer : A59513 | Cert.St.: 45379 | |
| | Spec. : ELECTRICIAN | Release Date: 15.09.2008 | | |

ACCOMODATION SYST TEST

| | MAINT | RII/INSP |
|--|-------|----------|
| <u>B. TEST PERSONNEL ACCOMODATION SYSTEM.</u> | | |
| 1. T-R bus Nr 4 ENERGIZED. | | |
| 2. C/B PASS OXY VLV & LTS on P5 CLOSED. | | |
| 3. Check personnel accomodation oxygen cylinder shutoff valve is OPEN & oxygen charging shutoff valve CLOSED. | | |
| 4. Check PERS ACCOM oxygen pressure indicator on flight engineer's panel reads +/- same pressure as cylinder gage. | | |
| 5. Gain access to lavatory service unit line connection to shutoff valve. Diisconnect flexible hose from tee. Connect oxygen test set to flexible hose. Ensure that shutoff valve is CLOSED. | | |
| 6. Connect test static to labeled test port on electropneumatic flow control unit. | | |
| 7. Reduce pressure at test port of flow control unit to 17.25 – 18.60 in HG absolute. | | |
| 8. For electropneumatic test observe that warning light on pilot's overhead panel has illuminated. | | |
| 9. Check that pressure on test pressure gage increase. | | |
| 10. Check that pressure latch on each service unit operates, each door opens & masks drop out. | | |
| 11. On oxygen test: open pressure gage shutoff valve. | | |
| 12. Change pressure at test port flow control unit as required to effect a test pressure gage indicator of 5,25 +0.50/-0.00 psig. | | |
| 13. Open oxygen outlet valves by pulling actuator attachments. | | |
| 14. Check that flow is available at each mask. | | |
| 15. Close pressure gage shutoff valve on oxygen test set. | | |
| 16. Reduce pressure at test port of flow control unit to 12.10 in HG absolute. | | |
| 17. Check test pressure gage. Pressure in distribution line shall rise to between 9.9 & 12.9 psig. | | |
| 18. Reduce pressure at test port of flow control unit to 5.54 in HG absolute. | | |
| 19. Check test pressure gage. Pressure in distribution line shall rise to 38-41 psig. | | |
| 20. For electropneumatic unit test when pressure fall to zero, check that warning light on pilot's overhead panel goes OUT. | | |
| 21. Reset flow control unit by pushing reset lever on unit untill plunger is stopped & holding in that position for a min. 5 sec. | | |
| 22. Repeat step 6 thru 10 & step 16 thru 21, using pneumatic flow control unit. | | |
| 23. Repack masks as necessary. | | |
| 24. Disconnect test static from test port of pneumatic unit. | | |
| 25. Close all passenger oxygen cylinder shutoff valve in aft cargo compartment to prevent mask deployment. | | |
| 26. Turn on PERS ACCOM OXY sw. on overhead panel. | | |
| 27. Check that warning light on pilot's overhead panel has illuminated. | | |
| 28. Check that pressure on test pressure gage increase. | | |

ACCOMODATION SYST TEST

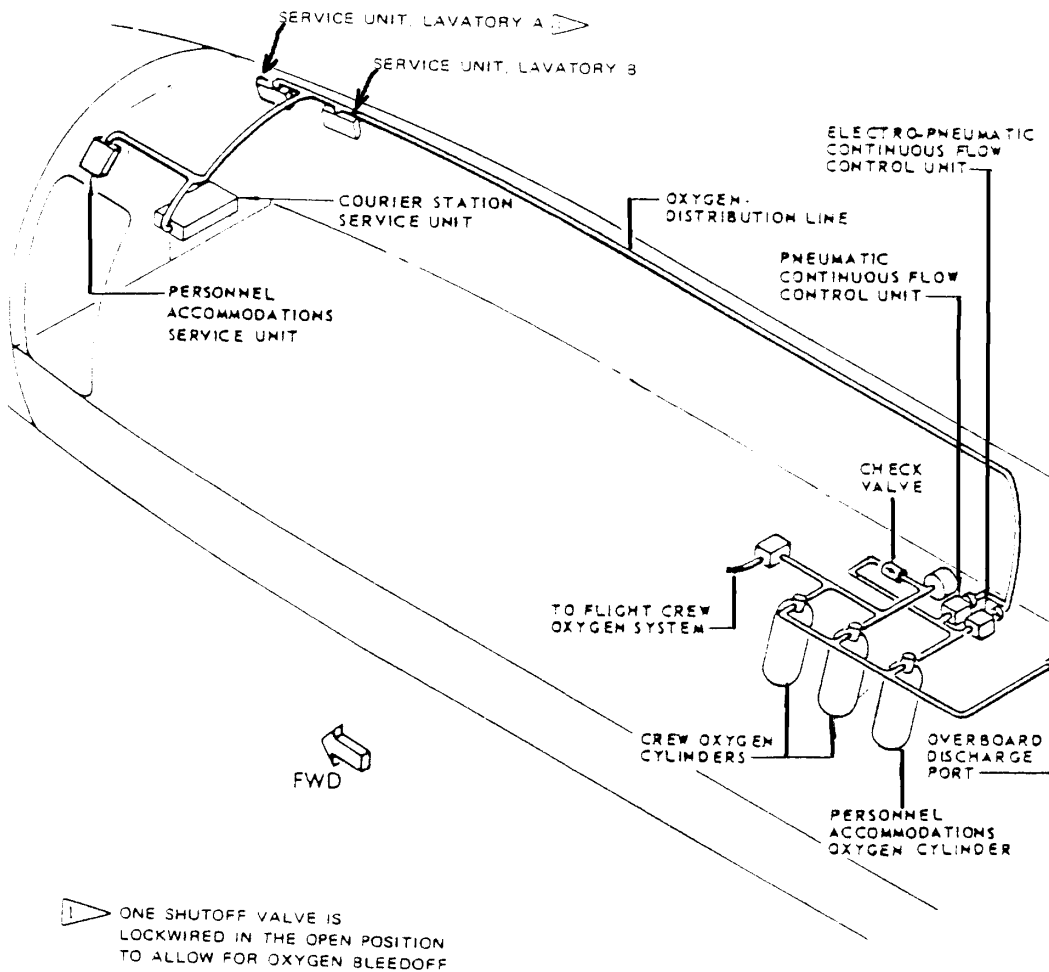
| | | | | |
|-----------------------|-------------------------|--------------------------|-----------------|--|
| sabena B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  91K000511 Page 5 of 7 |
| | Oper. : RT-MP LC | Issuer : A59513 | Cert.St.: 45379 | |
| | Type : *OPER./FUNC. CHE | Release Date: 15.09.2008 | | |
| Spec. : ELECTRICIAN | | | | |


ACCOMODATION SYST TEST

MAINT RII/INSP

- 29. Check that pressure latch on each service unit operates, each door opens & masks drop out.
- 30. Reset electropneumatic continuous flow control unit by pushing reset lever on unit until plunger is stopped and holding in that position for a min. of 5 sec.
- 31. Remove oxygen test set to bleed system & reconnect flexible hose to tee.
- 32. Install oxygen masks.
- 33. Slowly open all passenger oxygen cylinder shutoff valves.

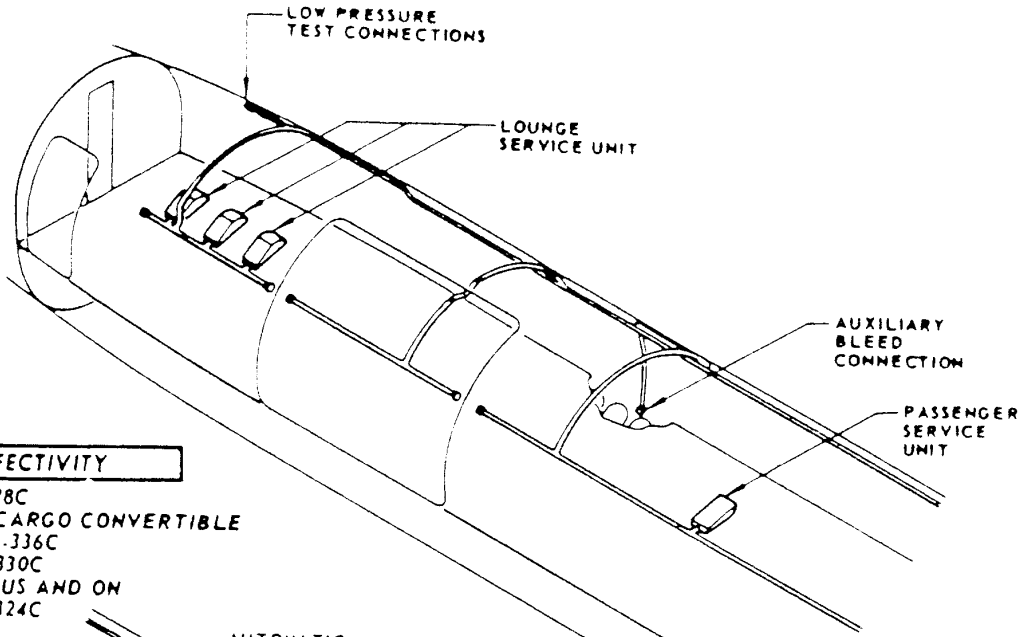
WARNING: VALVES MUST BE OPENED SLOWLY OR EXCESSIVE TEMPERATURE MAY RESULT.



| | | | | |
|-----------------------|-------------------------|--------------------------|-----------------|---|
| sabena B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  91K000511 Page 6 of 7 |
| | Oper. : RT-MP LC | Issuer : A59513 | Cert.St.: 45379 | |
| | Type : *OPER./FUNC. CHE | Release Date: 15.09.2008 | | |
| Spec. : ELECTRICIAN | | | | |

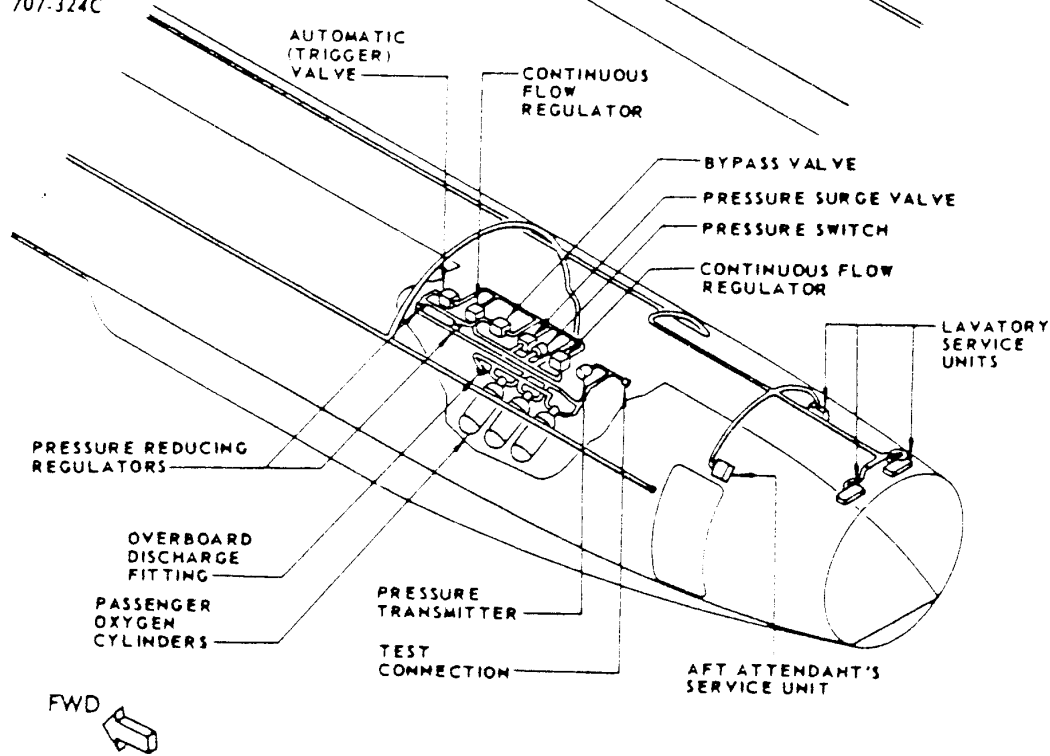
ACCOMODATION SYST TEST

MAINT RII/INSP




EFFECTIVITY

AF 707-328C
SABENA CARGO CONVERTIBLE
BOAC 707-336C
DLH 707-330C
MWA N359US AND ON
CAL 707-324C

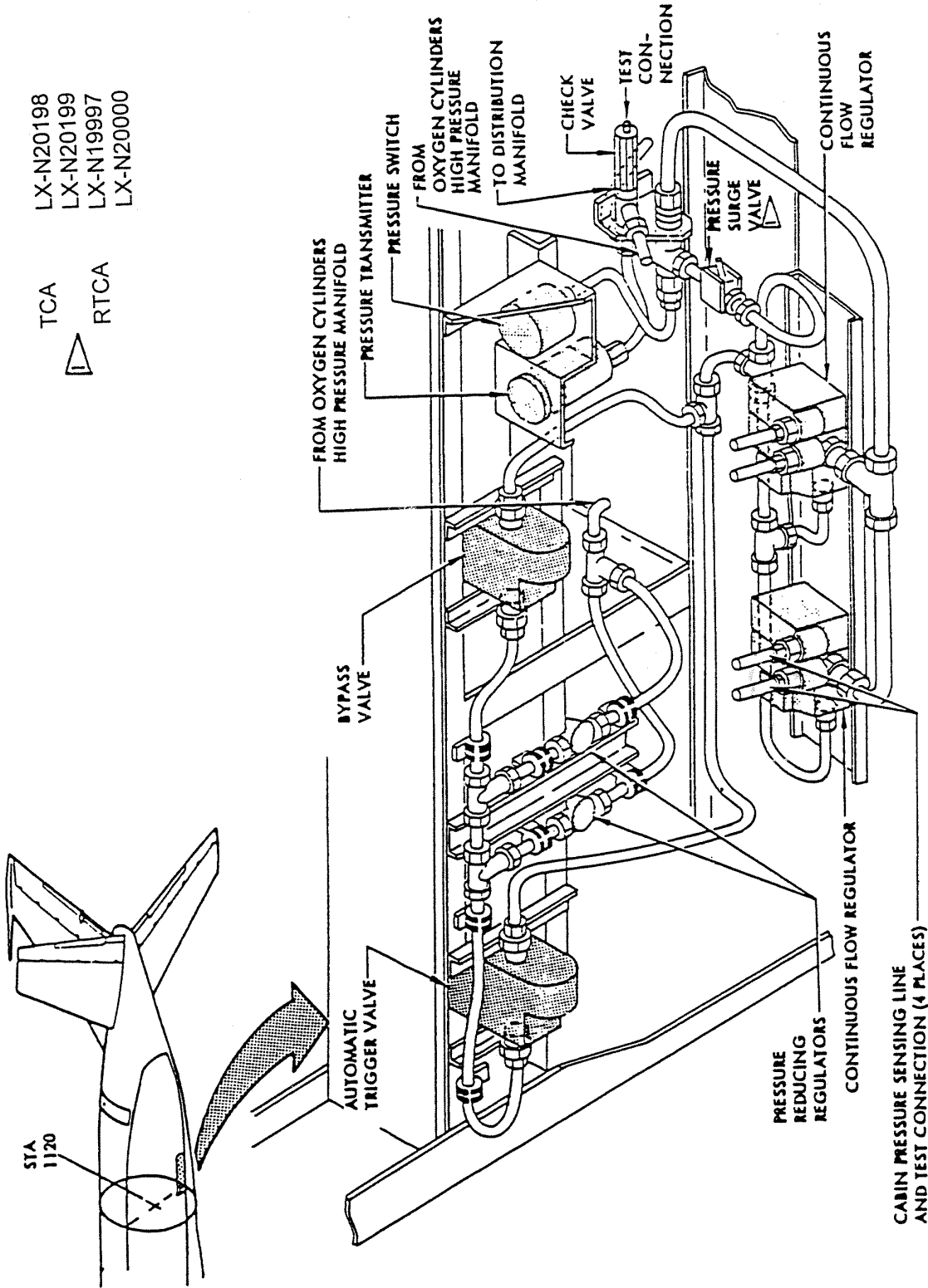


ACCOMODATION SYST TEST

| | | | | |
|------------------------------|-------------------------|--------------------------|--------------------|--|
| sabena B707 | Module: CABIN + WINDOWS | A/C Reg : | Check : |  91K000511 |
| | Oper. : RT-MP LC | Issuer : A59513 | Cert.St.: 45379 | |
| | Type : *OPER./FUNC. CHE | Release Date: 15.09.2008 | Page 7 of 7 | |

ACCOMODATION SYST TEST

MAINT RII/INSP



LX-N20198
 LX-N20199
 LX-N19997
 LX-N20000

TCA
 RTCA

STA 1120