

CREW OXYGEN PRESSURE REGULATOR

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 221F3501 (continued)

MECH: INSP:

- | ____ XXXXX (3) Set one of the crew oxygen masks to 100 percent
| emergency oxygen.
- | ____ XXXXX (4) Move the test lever on the stowage box for the crew
| oxygen mask as many times as necessary to bleed the
| oxygen lines.
- | ____ XXXXX (5) Disconnect the flexible oxygen line from the regulator.
- | ____ XXXXX (6) Seal the open oxygen lines with caps to prevent
| contamination.

CAUTION: USE A PRESSURE GAGE THAT IS CORRECT FOR OXYGEN SYSTEMS AND FREE FROM OIL, GREASE AND OTHER HYDROCARBONS. THESE MATERIALS CAN BURN OR EXPLODE WHEN THEY ARE WITH OXYGEN.

- | ____ XXXXX (7) Connect the pressure gage to the open port of the
| pressure regulator.
- | ____ XXXXX (8) Open the shutoff valve on the oxygen cylinder.
- | ____ XXXXX (9) Make sure the pressure gage connected to the pressure
| regulator shows between 50 and 95 psi.
- | ____ XXXXX (10) Close the shutoff valve on the oxygen cylinder.
- | ____ XXXXX (11) Remove the pressure gage from the pressure regulator.
- | ____ XXXXX (12) Connect the flexible oxygen line to the pressure
| regulator.
- | ____ XXXXX (13) Supply electrical power (Ref 24-22-00-2).

WARNING: OPEN THE SHUTOFF VALVE SLOWLY. THE OXYGEN TUBES AND FITTINGS CAN GET VERY HOT IF THE VALVE IS OPENED QUICKLY.

- | ____ XXXXX (14) Slowly open the shutoff valve on the crew oxygen
| cylinder.
- | ____ XXXXX (15) Make sure the oxygen pressure shown on the EICAS
| display is within 100 psi of the pressure shown on

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| the oxygen cylinder indicator.

| _____ XXXXX (16) Use the leak detection compound to look for leaks
| around the pressure regulator connections.

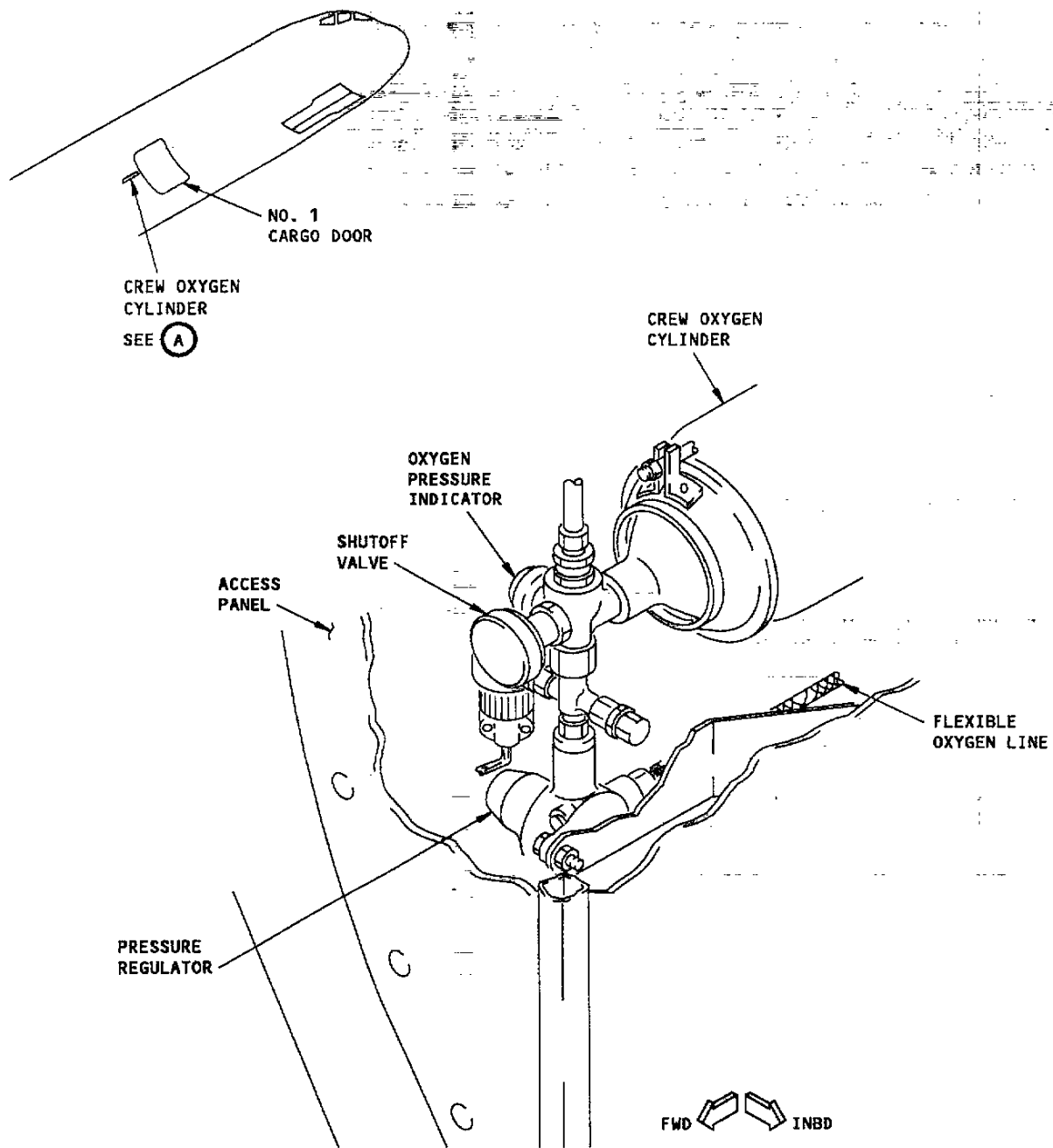
| (a) Generate a non routine for any findings noted.

| _____ XXXXX (17) Immediately remove the unwanted leak detection compound
| with a clean cloth.

| _____ XXXXX (18) Remove electrical power if it is not necessary.
| (Ref 24-22-00-2)

*****END OF WORKCARD*****

221F3501



CREW OXYGEN CYLINDER

(A)

Pressure Regulator

CREW
OXYGEN REGULATOR

FIGURE 1

08/06/1998