

**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

**Attachment 21 - Boeing 747 FCOM O2 Mask and Regulator Description**

**OPERATIONS/HUMAN PERFORMANCE SUPPORT TO  
THE U.S. ACCREDITED REPRESENTATIVE**

**DCA10RA092**

**3 RESET/TEST Switch**

Push -

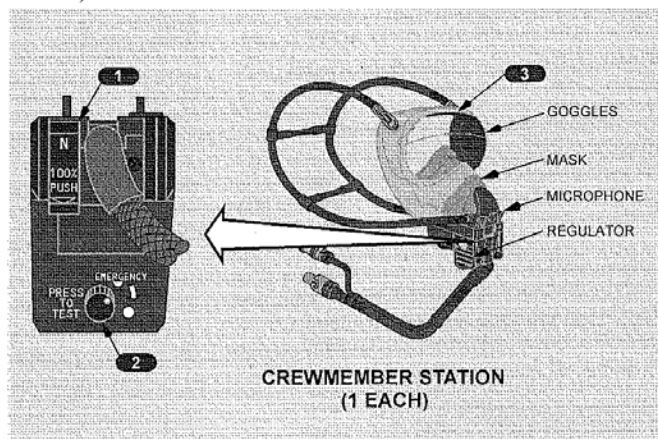
- with left oxygen panel door closed and OXY ON not displayed, turns oxygen on momentarily to test regulator
- with the left oxygen panel door closed and the OXY ON flag displayed, turns oxygen off, deactivates the mask microphone, and activates the boom microphone.

**4 Oxygen (OXY) ON Flag**

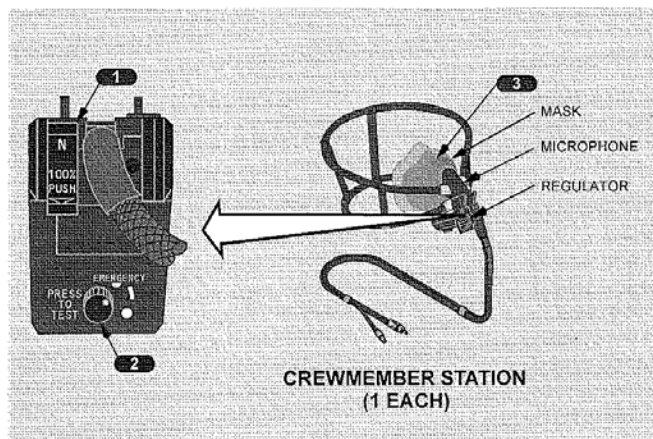
In view - oxygen is on.

**Oxygen Mask and Regulator**

N580UP, N581UP



N570UP - N577UP



**1** NORMAL/100% Switch

N - supplies an air/oxygen mixture on demand (the ratio depends on cabin altitude).

100% - supplies 100% oxygen on demand (not an air/oxygen mixture).

**2** Oxygen Mask Emergency/Test Selector

Rotate (in the direction of the arrow) - supplies 100% oxygen under positive pressure at all cabin altitudes (protects against smoke and harmful vapors).

PRESS TO TEST - tests the positive pressure supply to the regulator.

**3** Protective Strip

N580UP, N581UP

There is a protective strip of clear plastic on the top portion of the lens. In case of condensation build-up caused by rapid depressurization, vision can be restored by peeling off this strip using the tab on the right side.

**3** Observer's Smoke Vent Valve Selector

N578UP, N579UP

Up - vent valve closed.

Down - vent valve open, allowing oxygen flow to smoke goggles.

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**3** Smoke Vent Valve Selector

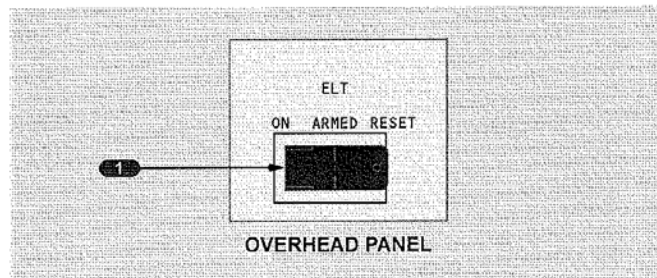
N570UP - N577UP

Up - vent valve closed.

Down - vent valve open, allowing oxygen flow to smoke goggles.

**Emergency Locator Transmitter**

N570UP - N577UP



**1** Emergency Locator Transmitter (ELT) Switch

ON - transmits emergency locator signal.

ARMED (guarded position) - transmits emergency locator signal if activated by high deceleration forces.

RESET (spring-loaded) - ends transmission of emergency locator signal.