

	OXYGEN		1.35.30	P 1
	FIXED OXYGEN SYSTEM FOR CABIN		SEQ 100	REV 09

DESCRIPTION

The fixed oxygen system in the cabin supplies oxygen to the occupants in case of cabin depressurization.

Chemical generators produce the oxygen. Each generator feeds a group of 2, 3, or 4 masks. Generators and masks are in containers above the passenger seats, in the lavatories, in each galley and at each cabin crew station.

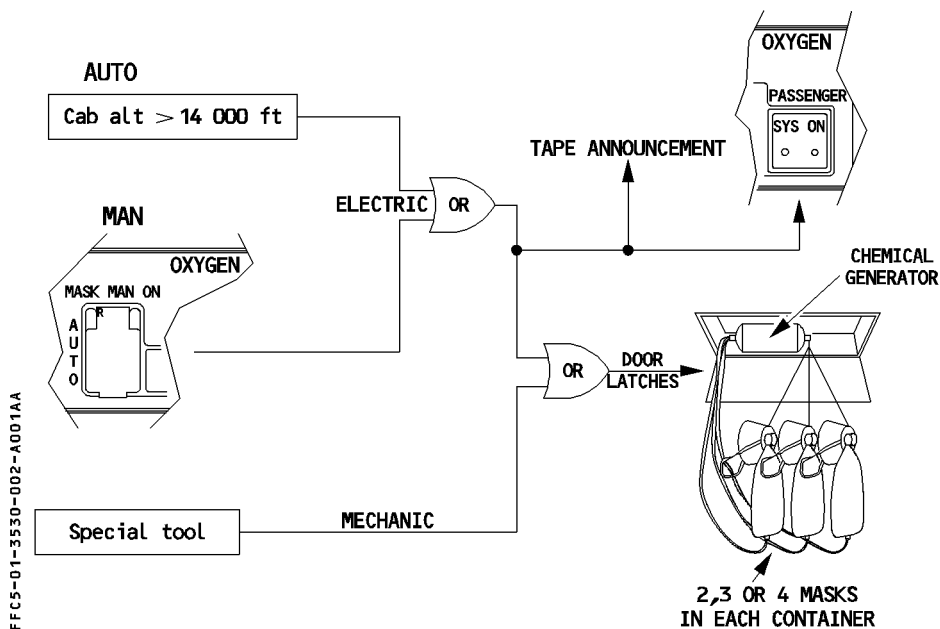
OPERATION

Each container has an electrical latching mechanism that opens automatically to allow the masks to drop if the cabin pressure altitude exceeds 14000 feet (+ 0, – 500 feet). Members of the flight crew can override the automatic control.

When the masks are released, the passenger address system automatically broadcasts prerecorded instructions for using them.

The generation of oxygen begins when the passenger pulls the mask toward the passenger seat. The chemical reaction used for oxygen generation creates heat. Therefore, smell of burning, smokes and cabin temperature increase may be associated with the normal operation of the oxygen generators. The mask receives pure oxygen under positive pressure for about 22 minutes, until the generator is exhausted.

A reset is available for the rearming of the system after the masks are restowed. A manual release tool allows crew members to open the doors manually in case of electrical failure.

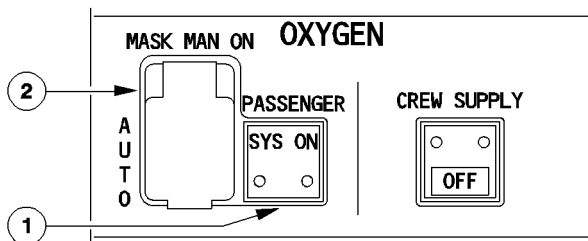


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CONTROLS AND INDICATORS

OVERHEAD PANEL

FFCS-01-3330-003-A001AA



① PASSENGERS SYS ON lt

This white light comes on when the control for the oxygen mask doors is activated, and remains on until someone pushes the TMR RESET pushbutton. (See maintenance panel, below).

② MASK MAN ON pb

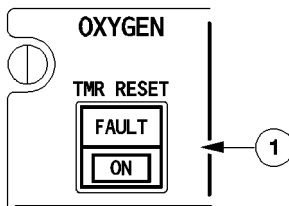
The guard keeps this button in the AUTO position.

AUTO : The mask doors open automatically when the cabin altitude exceeds 14 000 feet.

Pressed : The mask doors open.

MAINTENANCE PANEL

FFCS-01-3330-003-B001AA



① TMR RESET pb sw

The maintenance crew uses this pushbutton to reset the control circuit after the system has operated.

ON : This white light comes on, and the PASSENGER SYS ON light goes off.

FAULT : This amber light comes on when the door latch solenoids are energized for more than 30 seconds.



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ECAM DOOR/OXY PAGE

NOT APPLICABLE