

7.41 NUMBER PLATES

The manufacturer's name plate is located on the fuselage underside even with the forward edge of the cabin door. A second plate containing only the serial number is located to the left of the tail skid. The serial number should always be used in referring to the airplane in service or warranty matters.

7.43 STALL WARNING

An approaching stall is indicated by the sounding of a stall warning horn. This warning is activated by a sensing vane on the leading edge of the right wing. Stall warning is given at about 4 to 10 knots before an actual stall would occur. The stall warning system may be checked during preflight by lifting the sensing vane while the airplane master switch is ON. The horn should activate.

Stall speed information is presented in graphs in Section 5 - Performance.

7.45 OXYGEN SYSTEM*

The Scott oxygen system (Figure 7-39) is designed to provide supplementary oxygen for the crew and passengers for flight at altitudes above 10,000 feet.

Eight oxygen plug-in receptacles are in the cabin side panels and each one is an ON-OFF valve. An oxygen supply gauge and flow control knob are mounted on the lower right instrument panel. A pressure regulator is mounted directly on the oxygen cylinder.

The 115 cubic foot oxygen cylinder is mounted either aft of the forward baggage compartment or aft of the rear baggage compartment and, when fully charged, contains oxygen at a pressure of 1850 pounds per square inch.

Before taking off for high altitude flying, be sure that the oxygen supply is adequate for the proposed flight (see Figure 7-37) and that passengers are briefed on oxygen use. When oxygen is required, pull the control knob to ON and oxygen will flow from the cylinder through the connecting tubing and into the receptacles.

*Optional equipment

Crew	Passengers	Oxygen Supply Range in Hours
1		25.76
1	1	12.88
1	2	8.58
1	3	6.44
1	4	5.15
1	5	4.29
1	6	3.68
1	7	3.22
	8	2.86
	9	2.57

With 2 Pilot's Masks

Oxygen Supply Range in Hours

2		12.88
2	1	8.58
2	2	6.44
2	3	5.15
2	4	4.29
2	5	3.68
2	6	3.22
	7	2.86
	8	2.57

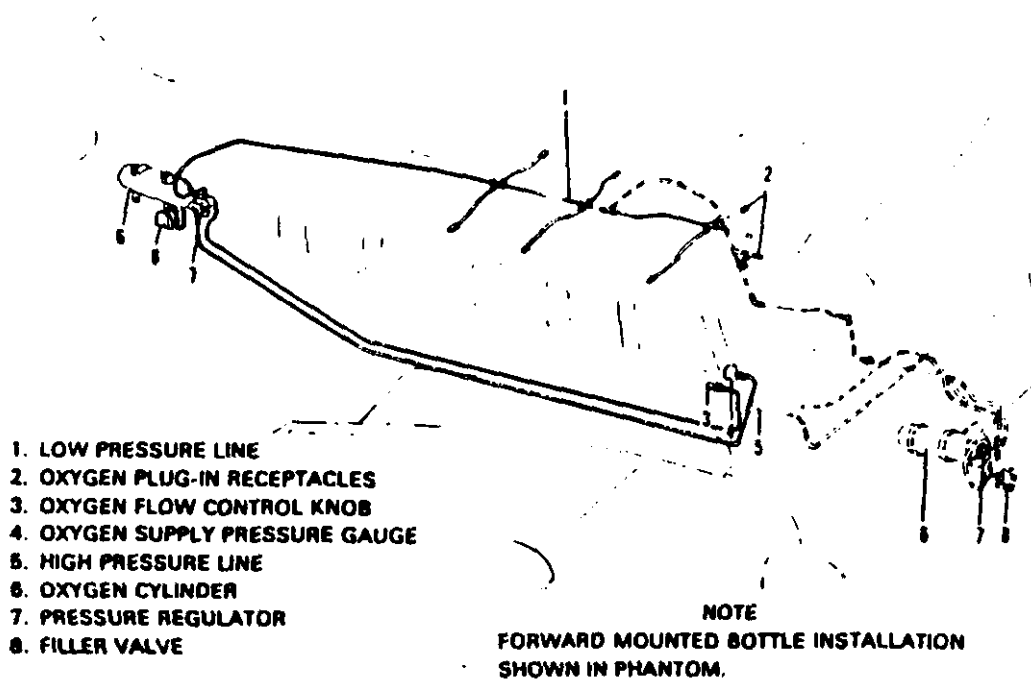
OXYGEN DURATION TABLE

Figure 7-37

To use oxygen, connect a constant flow mask fitting into a receptacle and don the mask. A flow indicator shows oxygen pressure to the mask by the absence of the red pellet, which is forced toward the mask.

The oxygen masks are stowed beneath the seats.

The pilot's mask (identified with a red band on the supply hose) supplies 120 liters per hour. The passenger masks are identified with a gold or red band on the supply hose and supply 90 liters per hour or 120 liters per hour, respectively.



OXYGEN SYSTEM
Figure 7-39

Always remove the fitting from receptacle and stow mask when not in use. Oxygen will flow through the mask whenever the fitting is in the receptacle and the control knob is ON. The mask may be damaged if not stowed.

To prevent fire, oil, grease, hydraulic fluid, paint or other inflammable material should be kept away from oxygen equipment.

CAUTION

Positively **NO SMOKING** while oxygen is being used by anyone in the airplane.