

METRO AVIATION, INC.
625 MARKET ST.
SHREVEPORT, LA 71101

F A A APPROVED
HELICOPTER FLIGHT MANUAL SUPPLEMENT #105M-6
MESSERSCHMITT-BOELKOW-BLOHM BO-105C, AND BO-105S, AND BO105LS

N _____

SERIAL NO. _____

This supplement must be attached to the LBA Approved MBB Model BO-105 Flight Manual when the Metro Aviation Medical Oxygen System has been installed according to STC. NO. SH7761 SW.

For limitations, procedures, and performance information not contained in this supplement, consult the basic Flight Manual.

- Section 1. SYSTEM DESCRIPTION - See Page 2
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76193-0170

MBB B0105
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Section 1. SYSTEM DESCRIPTION FOR THE 105M-762 AND 105M-768
OXYGEN SYSTEM.

The function and operation of the system is described below:

The oxygen system consists of a 76.5 cu. ft. aircraft type oxygen cylinder and regulator assembly mounted to the exterior of the aircraft right side. A push pull shut off cable is located inside the cabin to allow the crew to control the flow of low pressure oxygen to the medical accessory bulkhead. A cylinder contents gauge is located in the cabin above the right-hand opera window to allow the crew to monitor the amount of oxygen available for use. The oxygen cylinder is serviced through a calibrated fillport to a nominal pressure of 1850 PSI @ 75° F. Low pressure oxygen is supplied on demand at 45 to 65 PSI depending on altitude temperature and remaining contents in the cylinder.

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REQUIRED PLACARDS

OXYGEN PULL-ON

Located adjacent to control handle

O₂ CONTROL LOCATED ON
FLOOR, R/H AFT OF
PILOTS SEAT PULL-ON

Located on instrument panel in
full view of pilot.

Located on accessory panel
adjacent to R/H outlet

NO SMOKING AT
ALL TIMES

Located on top center line of
accessory panel.

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Section 3. EMERGENCY PROCEDURES

In flight fire - Discontinue use of oxygen using shut-off valve.

Loss of engine power - Discontinue use of oxygen.

Section 4. NORMAL PROCEDURES

No change.

Section 5. PERFORMANCE DATA

No Change.

Section 6. SERVICING

Servicing of Oxygen System is to be in accordance with Service Instruction No. 105M-100.

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