

MOONEY AIRCRAFT CORPORATION
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FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR
MOONEY MODEL M20J
AFM

Reg. No. _____

Ser. No. _____

This supplement must be attached to the FAA Approved Airplane Flight Manual, when the FT-101 Computerized Fuel Flow Indicating System is installed by Mooney Aircraft Corporation.

The information contained herein supplements or supercedes the basic manual only in those areas specified. For limitations, procedures, and performance not contained in this supplement, consult the basic Airplane Flight Manual.

FAA APPROVED:

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Section I. - GENERAL.

The FT-101 system is a computerized fuel flow measurement system which derives flow information from a turbine type transducer and converts this information into a digital panel mounted display in gallons per hour (pounds or liters optional). It also computes and maintains in memory the total fuel used which may be called up on the display at any time the pilot desires.

Section II. - LIMITATIONS.

There are no special operating limitations or placards required.

Section III. - EMERGENCY PROCEDURES.

There are no special procedures to follow in an emergency.

Section IV. - OPERATING PROCEDURES.

4.1 Turn on the aircraft master switch. On activating the aircraft electrical system the FT-101 display will flash until either the Test/Used switch or the reset switch is momentarily depressed. Depressing either of these switches places the instrument in the operational mode. The FT-101 displays fuel flow in gallons per hour (in pounds or liters per hour optional) except when the Test/Total switch is depressed. While this switch is held depressed, the "Totalizer" function of the instrument is activated to display fuel used. If the switch is held depressed for more than 4 seconds, the display automatically reverts to the flow mode. The "Totalizer" function may be operated as either a single flight or a long term totalizer. (See paragraph 4.2 and 4.3 for totalizer operation). Depressing the Test/Total switch twice in rapid succession will provide the pilot with a display of four 8's to indicate all digits are functioning. Depressing the Reset switch for one second or more, resets the Totalizer function to zero.

4.2 Single Flight Totalizer

Turn on the aircraft master switch. On activating the reset button the FT-101 will start at zero and display gallons used as the engine consumes fuel.

NOTE: Aircraft should be topped with fuel on first flight so you know exactly how much fuel you can burn.

4.3 Long Term Totalizer

Turn on the aircraft master switch. On activating the aircraft electrical system the FT-101 will display the gallons used from previous flights. DO NOT PUSH THE RESET BUTTON! On starting the engine or engines the FT-101 will continue counting fuel used up to 999.9 gallons.

NOTE: A "Fuel Flow Memory" switch is located in the top of the right hand radio panel to disconnect the memory circuit from the aircraft battery for long term storage of the aircraft.