



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S.WA-717

OTTAWA, January 15, 1968.

APPROVED : GILBARCO - TICKET PRINTER FOR RETAIL GASOLINE DISPENSERS

manufactured by: Gilbarco Canada Limited, Toronto

Apparatus Listed: Internally-mounted ticket printer for retail gasoline dispensers; Gilbarco model number NL4419-21, Veeder-Root model number A151-000.

Rating of Apparatus: Maximum registration 9999.9 gallons.

Application: This ticket printer may be installed on any Gilbarco dispensers on which the installation can be made so that the interlocks function as on the approved prototype installation; at present its installation is planned on the following models of approved dispensers: C154-111 and -011, 154-110 and -010, 164-211 and -311, 154-210 and -310, 625-100, -200 and -300.

When any of these dispensers is equipped with this ticket printer, the second digit in the second group of numbers becomes 3, e.g., 164-111 becomes 164-131.

Description: The ticket printer is located on one side of the cabinet; the "on - off" switch is on the opposite side. The printer is completely inside the cabinet except for the ticket slot. The printer is interlocked to the computer and to the "on - off" switch so that a ticket can be printed only for the quantity delivered, i. e., an incorrect or fraudulent ticket cannot be printed.

The interlocks are such that:

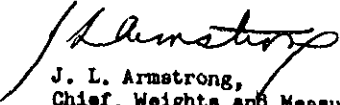
1. Computer must be reset to Zero before ticket can be inserted and pump started electrically.
2. Ticket cannot be inserted while pump is running, nor can it be withdrawn.
3. Ticket cannot be removed until printing of delivery is completed.
4. It is possible to insert a ticket and stamp it Zero, when the pump is shut off electrically, and before the computer has been reset; however, in this case the pump cannot be restarted electrically.
5. The pump can be operated without a ticket but if this is done, sale number will advance by one and show a delivery was made without a ticket.

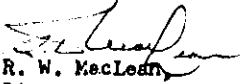
The photographs overleaf show the details of the mechanism of the interlocks.

Testing: When testing a gasoline dispenser incorporating this ticket printer, the correct operation of the interlocks should be checked. It should also be determined that the tenth of a gallon wheel is printing to the correct nearest tenth, and not always to the tenth above or below.

References: SW-85-G12
SL-102-136

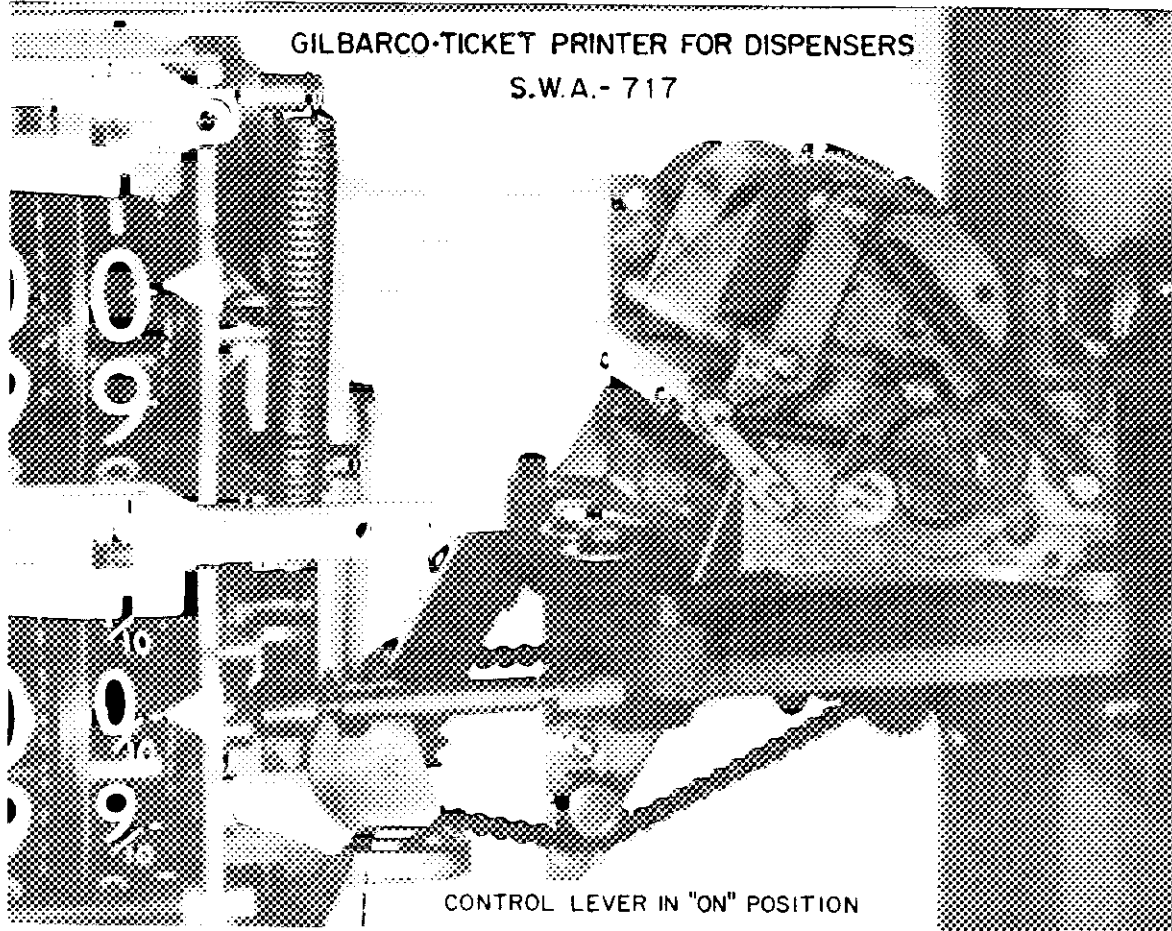
Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.


J. L. Armstrong,
Chief, Weights and Measures Division,
Standards Branch.

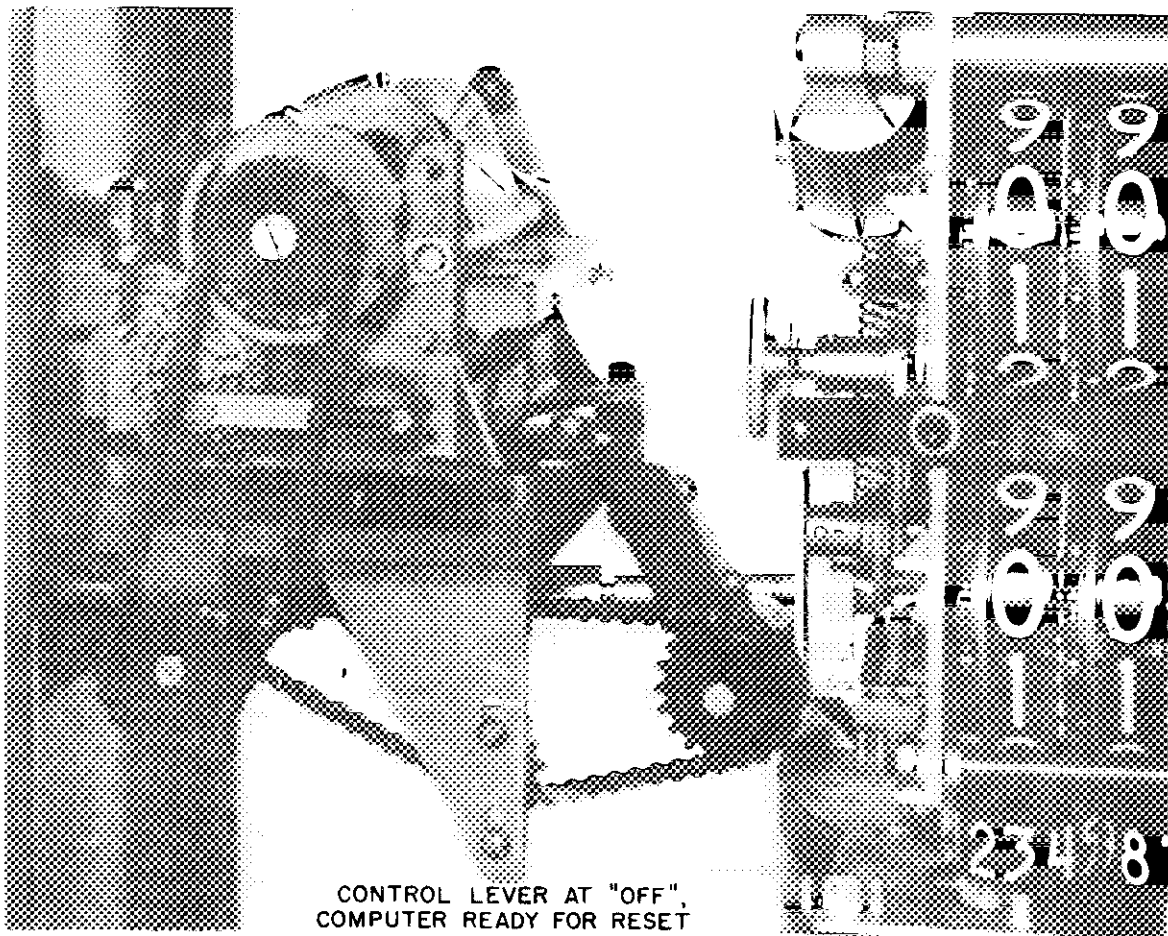

R. W. MacLean,
Director,
Standards Branch.

GILBARCO-TICKET PRINTER FOR DISPENSERS

S.W.A.- 717



CONTROL LEVER IN "ON" POSITION



CONTROL LEVER AT "OFF",
COMPUTER READY FOR RESET