

Test Lab Work Request Form

Date Submitted: 10 March, 2000

Tracking #: TLW 0010AO

Project #: 241095

Engineer: J.R.SNEDEKER

Test Objective:

TLW0010AO - Rain Test:

Use Standard Remington Rain test procedure using the Salt Fog Chamber.
Rifle must function without any safety related malfunctions.

Test Description:

See J.R.Snedeker (or Jeff Wade) for test procedure details.

Resource Usage:

Manpower Requirements -

Facility Requirements -

Test Results Required:

Formal Report: **Data Only:** X

REQUESTED Completion Date:

Required Materials/Parts/Equipment (include quantities):

Test Parts Availability Date:

Start Date: 9-16-00

Completion Date: 9-16-00

Report Date:

Test Assigned To: Jeff Wade / Steve Wade

ET07192

Reesor, Phillip K.

From: Wade, Jeff L.
Sent: Monday, September 18, 2000 4:35 PM
To: Reesor, Phillip K.
Subject: FW: TLW0010AO

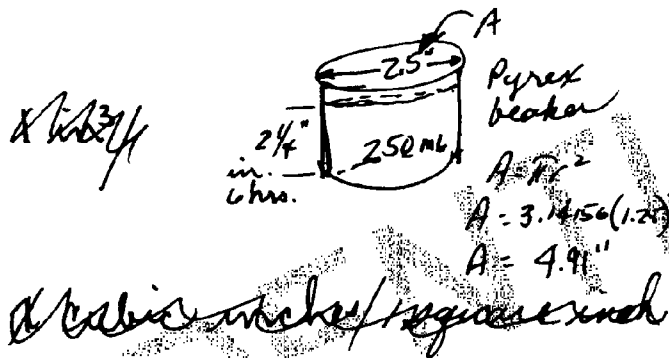
GUN # B23 - Serial # 71001075 - Model 710 - 30.06
On 9/9/00 at 6:30am set salt fog (rain) chamber for six (6) hours at 35 C with grid and two trays of ice, two bags per tray. Put glass beaker in bottom of chamber to collect and measure amount of water falling on gun. Put primed case in chamber of gun, closed bolt with safety on and put gun in chamber. Closed lid and turned unit on for 6 hour cycle. At the end of completed cycle had 2-1/4" of water in beaker. Took gun out of chamber and put in shooti

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TLW0010AO.DOC



Handwritten note:
A cubic inches / square inch

Handwritten calculations:
175 ml / 6 hours
= 29.17 ml / hour
Converted
= 1.78 in³ / hour

Handwritten calculations:
$$\frac{1.78 \text{ in}^3 / \text{hour}}{4.91 \text{ in}^2} = 0.36 \text{ in} / \text{hour}$$

$$= 0.36 \text{ in} / \text{in}^2 / \text{hour}$$

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From: Reesor, Phillip K.
Sent: Monday, September 18, 2000 3:34 PM
To: Wade, Jeff L.
Subject: FW: TLW0010AO

From: Snedeker, Jim
Sent: Thursday, August 10, 2000 9:12 AM
To: Reesor, Phillip K.
Subject: TLW0010AO



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