

**CONFIDENTIAL**

Remington Arms Company Inc.  
RESEARCH & DEVELOPMENT TECHNICAL CENTER  
315 WEST RING ROAD  
ELIZABETHTOWN, KY 42701

**TABLE No. 1. COMPOSITION OF SAND AND DUST MIXTURE**

(by percent particles, by weight, retained in sieves)

| <u>Sieve Size (US gage sieve no.)</u> | <u>Percent of weight<br/>retained</u> | <u>Particle Size<br/>(microns)</u> |
|---------------------------------------|---------------------------------------|------------------------------------|
| 20                                    | 3                                     | 842 to 1000                        |
| 30                                    | 5                                     | 595 to 841                         |
| 45                                    | 17                                    | 355 to 595                         |
| 60                                    | 14                                    | 251 to 354                         |
| 100                                   | 10                                    | 150 to 250                         |
| pass 100                              | less than 1                           | -----                              |
| 140-mesh silica flour                 |                                       |                                    |
| 140                                   | 1                                     | 105 to 149                         |
| 200                                   | 4                                     | 74 to 105                          |
| 325                                   | 7.5                                   | 44 to 74                           |
| pass 325                              | 37.5                                  | less than 44                       |

Data Required:

- Record malfunctions.
- Record number of rounds fired.
- Record weight of debris found in the gun.
- Record any firing of the firearm without the trigger being pulled.
- Record any hang fires.

J.R. Snedeker

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