

Remington Confidential

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 retained</u> | <u>Particle Size (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.

TLW0010AN - Field Debris Test:

This test determines the effect of "field debris" on firearm performance, where the firing is conducted after the firearm has field debris directly placed in the action. *See Table No. 2 for field debris composition.*