

RESEARCH TECHNICAL MANUAL

MEASUREMENTS

SAFE "OFF - ON" FORCES

INTRODUCTION

DEFINITION

The Safe "Off" Force is the amount of force, measured in pounds, that it takes to move the safety selector switch from the "Safe" position to the "ready to fire" position.

The Safe "On" Force is the amount of force, measured in pounds, that it takes to move the safety selector switch from the "ready to fire" position to the "Safe" position.

PURPOSE

Safe "Off - On" forces are measured to monitor the changes in force required to operate the safety selector switch, if any, during testing.

LAB REQUIREMENTS

- Check each firearm to be tested for live ammunition.
- Gauges are to be kept in cabinets in work area.
- Gauges are to be returned to the proper cabinet, and the work bench cleaned upon completion of test.

TYPES OF SAFETY SWITCHES

There are three basic types of safety switches used in Remington firearms. They are:

- The cross-bolt type.
- The thumb type.
- The top tang type.