

REPORT# 841021
WORK ORDER# 81343-929

TO: R.E. NIGHTINGALE

FROM: F.L. SUPRY

TITLE: TRIAL AND PILOT EVALUATION; MODEL 7 LWT. 308 CALIBER
WITH ALUMINUM TRIGGER GUARD ASSEMBLY.

ABSTRACT:

On April 10, 1984 a request was received to conduct a Trial and Pilot Evaluation on the Model 7 Lwt. 308 caliber rifle, assembled with the new design aluminum trigger guard assembly. The Trial and Pilot Evaluation consists of Visual Inspection, Accuracy, Field Function, and Endurance. All 35 rifles, from a sample lot of 35 rifles, will be utilized within the spectrum of the evaluation.

SCOPE OF TEST:

To determine if the production run samples meet the Remington Specifications set by the Research Design Section.

TEST RESULTS:

The 35 rifle Trial and Pilot Evaluation was found to be unacceptable, due to the following:

- A. During the Preliminary Measurements, a burr was found on the tip of the firing pin on two of the rifles, serial# 7603193 and serial# 7604383.
- B. During the Field Function Test of the first ten rifles, one rifle, serial# 7603423, was leaving deep rings on the throat area of the fired brass.

COMMENTS:

The rifle, serial# 7603423, was returned to P.E. & C. The two firing pins were replaced with firing pins from two of the rifles used in the visual inspection.

To obtain a good data base on the aluminum trigger guard, the testing that was scheduled on the remaining rifles will continue. A formal report, will be issued at the completion of the testing.