

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington
CHAMPION

PETERS
CHAMPION

cc: R.A. Williamson - L.J. Boyle
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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

Ilion, New York
February 26, 1970

TO: C. B. WORKMAN

FROM: A. A. HUGICK - W. R. GOOGIN

PILOT LINE TEST

MODEL 700 - Caliber 25/06

WO 88022

Introduction:

Ten (10) Model 700 - Caliber 25/06 rifles were selected from the gallery passed rifles for Research pilot line testing.

Objective:

Evaluate the sample of ten M/700 - 25/06 caliber rifles for purpose of determination of production samples meeting design requirements.

Summary of Test:

- | | | |
|----|-----------------------------|--|
| 1. | Headspace: | Satisfactory |
| 2. | Trigger Pull: | 70% out of specs (Heavy) |
| 3. | Firing Pin Indent: | 10% out of specs (Light) |
| 4. | Accuracy Group Size: | Within specs (tested with 87 gram bullet only) |
| 5. | Vertical Point of Impact: | Within specs or adjustable |
| 6. | Horizontal Point of Impact: | 30% out of specs and will not adjust to zero |
| 7. | Function Test: | Satisfactory (field tested 40 rds. per gun at Ilion Fish & Game range) |
| 8. | Bolt Function: | One gun was noted as having hard bolt closing (rotation). |

Conclusion:

The M/700 - 25/06 Caliber pilot line test is not considered satisfactory based on Items 2 and 6 of summary test data above.

Recommendations:

Corrective action for horizontal point of impact and heavy trigger pull.

Future Work:

1. Longrange accuracy (100 yds., 200 yd. and 300 yd.) will be tested outdoors and reported in supplemental report.
2. The accuracy and function of the above guns will be retested when factory 120 grain ammunition becomes available.

Detail data sheets attached.

AA Hugick-A.
WRGoogin:T
Research Test Lab