BARBER - PRESALE R 0102567

REMINGTON ARMS COMPANY, INC.
Ilion Research Division

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1964

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TO:

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FROM:

C. B. WORKMAN (13)

MODEL 600 - Caliber 222 - PILOT LINE TEST

Ten Model 500 - Caliber 222 Rifles were withdrawn for pilot line test. Detailed results are tabulated on attached sheet.

Summary of Test

1. Headspace

All satisfactory

2. Trigger Pull

Extreme variations in individual trigger assemblies as well as between guns.

Unsatisfactory.

3. Accuracy

From accuracy device:

Unsatisfactory

From shoulder:

Satisfactory

Based on the first five shot group fired in each gun from the accuracy device, only two guns produced two inch or less group size. Based on average of three five shot groups, only four guns produced two inch or better groups.

From the shoulder, eight of the guns produced two inch or better group size in the first group fired, and in the average of three groups seven were in this category and two of the remaining three (2.01 and 2.06) were very close.

4. Field Test

Five cuns exhibited feeding difficulties.

These are tabulated on attached sheet.

13 out of 15 malfunctions came with Winchester PSP and only 2 with

Rem. SP ammunition.

CBW:T