##/700 Riving Pinite Just ing

Teamor 7/700 faring pin assessiy a throng some of doposed in

This test was made on /139113 W/700 to determine damages to the fifthe old (breakage) and durability of the F.W. Curosed sear; The gum has section and fired at a rate of one cycle every two seconds with inspection of the firing pin and sear every 5000 cycles.

## PEGINNING OF TEST

i, five Krigger pulis taken at shart of test. (The fire bondrol was cleaned and delawred before test.)

6.25 6.25 6.25 Average: 6,30 that 6.20

- 2. The sear stuck down at h,750 cycles (cleaned and oiled fire control)
- 3. 5000 cycles: Sear shows light wear but no deformation. On examination of the firing pin the shoulder shows an uneven seat in the front of the holt body. The firing pin tip shows heavy chaffing against the firing pin hole.
- L. 5,370 cycles: Cocking cam had to be lubricated because of excessive force required to cock the action. (dry cycle machine jamed)
- 5. Shoulder of boilt has picked up small pieces of metal and seats unevenly in boilt body. Firing pin tip shows increased rubbing around the tip.
- 11,680 cycles: Action failed to cock due to excessive wear on cocking can; replaced bolt hody and took trigger pulls.

5.25 5.25 5.00 Average: 5.25 lbs. 5.50 5.25

## HARBER-PRESEL NO.10314

- 8. 20,000 and selection process shows so create at selection that same a from the selection in the common tipile change giver 15,000 good seg
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## SURFACE

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Other than light rubbing, the sear seases in good corellifest merevar, the tringer pell decreased 1.70 list in the 25,000 crains

WFCtG 6/20/66