

TEST PROCEDURE

A. Preparation:

- o The results generated by the first phase of the M/Seven & M/700 .222 Caliber Follower-Spring Evaluation were reviewed, and the two (2) best and the two (2) worst performing rifles were selected in the M/Seven, M/700 ADL, and the M/700 BDL. The following rifles were selected:

	<u>Best Performing</u>	<u>Worst Performing</u>
M/7	7602525 7602568	7602593 7602529
M/700	B6295043	B6327369
ADL	B6293294	B6257041
M/700	B6294940	B6361428
BDL	B6293053	B6257066

- o Design No. 6 No-Bind Followers were assembled on six (6) Yellow Springs and six (6) Red Springs.

B. Sequence:

- 1) One of the twelve rifles to be tested was selected at random and assembled with the first Yellow Spring - Design No. 6 No-Bind Follower combination.
- 2) The rifle was then placed in a shooting jack and eighteen (18) rounds of ammunition were cycled through the rifle, without firing. (Six at slow feeding cycle speed, six at medium feeding cycle speed, and six at fast feeding cycle speed). All malfunctions were recorded.
- 3) The eighteen (18) rounds were recycled through the rifle at the same feeding cycle speeds with each round being fired. All malfunctions were recorded.
- 4) The rifle was removed from the shooting jack and the first Yellow Spring Design No. 6 No-Bind Follower was removed and reassembled in another of the twelve (12) rifles to be tested.
- 5) Steps 1 through 4 were repeated until all the test rifles had been functioned with the first Yellow Spring - Design No. 6 No-Bind Follower.
- 6) Steps 1 through 5 were then done with the first Red Spring - Design No. 6 No-Bind Follower.
- 7) The alteration of the Yellow Spring and The Red Spring combination was continued until all twelve (12) Spring-Follower combinations had been functioned in each test rifle.