

GUN TEST REQUEST
 ISSUED: 10/23/40
 Revised: 1/6/47
 5/28/47

 Model: 721
 Cal. or Gauge: 30-06
Type of TestFormal I

Design _____

Objective of Design Tests

Designer

The following is a table of requirements of a Design and Formal Test on a new gun.

	<u>Design Test</u>	<u>Formal Test</u>
1. Objective	To be supplied by Designer	To determine functional performance and endurance characteristics.
2. Purpose	For information only	To prove or disprove a product
3. Responsibility for Design of Test	Designer and Test Engineer	Test Engineer
4. Guns Required	1 or more	1 or more Model Guns 6 or more Pilot Guns
5. Comparative Gun	Optional	Required
6. Supervision	Designer and Test Engineer	Test Engineer
7. Design Alterations	Permissible	*None Permitted
8. Replacement of parts	Replace with same or altered design	*Replace with same design only
9. Production Assembly Adjustment List	Not Required	Required
10. Cycle of Operation	Required	Required
11. Adjustments	Permissible by Designer	None permitted except according to above list #9
12. Gun Specifications	-	Required
13. Drawings	-	Complete set required
14. Parts List	Required	Required
15. Bill of Materials	-	Required
16. Heat Treatment & Specifications	-	Required
17. Tabulation of previous firing	-	Required
18. Responsibility for stepping test	Designer or Test Engineer	Test Engineer
19. Reports	Daily and interim	Daily, interim and final

To the best of my knowledge the testing department has conformed with the above table of requirements unless otherwise directed by the Technical Arms Division Manager.

W. E. Lock
 Test Engineer

WEL:JEC