

Test Lab Work Request Form

Rev.3 -20 April, 2000

Date Submitted: 4/2/02	Tracking # : TLW0822								
Project # : 241230	Engineer: Franz for Golemboski								
Test Objective: To evaluate the "Holeless Connector" in the Model 710 product line. A secondary objective will be to evaluate a heat treat process change (tempered) to the scope mount screws for the same product.									
Test Description: 15 guns will be used for this testing. (Eight .30-06 cal. and seven .270 Win. Caliber) The following measurements and tests will be done. • Measurements as Rec'd (All 15 guns) ○ Trigger Pull (spec. is 4.0 – 5.5 lbs.) ○ Engagement (spec. is .020 - .025 in.) ○ Over travel (spec. is .20 - .025 in.) ○ Headspace • Proof and Remeasure Headspace (All 15 guns) • SAAMI Jar-Off, Drop Rotation (6 guns: 3 of each caliber chosen at random) ○ Drop with scopes mounted (Use std. Screws) ○ Set fire controls to process minimums <table style="margin-left: 40px;"> <tr> <td>TRIGGER PULL:</td> <td>4.0 lbs.</td> </tr> <tr> <td>ENGAGEMENT:</td> <td>0.020 in.</td> </tr> </table> • Extended SAAMI Jar-Off Only (same 6 guns) ○ Drop with scopes mounted (Use std. Screws) ○ Set fire controls to process minimums <table style="margin-left: 40px;"> <tr> <td>TRIGGER PULL:</td> <td>4.0 lbs.</td> </tr> <tr> <td>ENGAGEMENT:</td> <td>0.020 in.</td> </tr> </table> • 100 Rd. Jack Fcn. Test (9 guns) ○ Shoot with scopes mounted on 8 guns, 9th gun has no scope mounted ▪ Use special mount screws provided (tempered screws) ▪ Use Loctite 222MS and torque screws to 15 – 20 in. lb. ○ Fire 100 rds per gun in the heavy shooting jacks (any ammo type but note what's used) ○ Track malfunctions ○ Pay special attention to fire control function and feel ○ Cycle Safety from Fire to Safe every feeding cycle ○ Check Scope mount screws for tightness after firing 100 rds ○ Remove and inspect screws for cracks after firing		TRIGGER PULL:	4.0 lbs.	ENGAGEMENT:	0.020 in.	TRIGGER PULL:	4.0 lbs.	ENGAGEMENT:	0.020 in.
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Resource Usage:	Test Results Required:								

Manpower Requirements –1to2 techs Facility Requirements –Drop area, F&C	Formal Report: Data Only: X Requested Completion Date: 4/12/02
Required Materials/Parts/Equipment (include quantities): 15 guns, 32 scope mount screws	
Test Parts Availability Date: Now	
Start Date:4/1/02 Completion Date: Report Date:	Test Assigned To:Arnold Assignment Date:4/1/02