

Key DAT Activities

- ☒ **Component / Assembly Build and Inspection**
 - ✓ Extensive Component Dimensional Inspection - 25% Dimensions Checked
 - ✓ LARGE Sample size → 60 trigger assemblies
 - ✓ Repetitive Tracking of Trigger Pull, Engagement, and Blocker Assemblies
- ☒ **Full breadth of M/700 and Seven product lines**
 - ✓ 57 guns // 24 SKUs // 10 calibers plus ML
- ☒ **Jar, Drop, Rotation, and Slam Sensitivity**
 - ✓ 840 SAAMI Jar/Drop/Rotation Drops Completed
 - ✓ Over 1000 Extended Jar/Drop/Rotation Drops Completed
 - ✓ Slam Test Completed
- ☒ **Endurance Testing:**
 - ✓ 53 guns = 500 mds // 24 Guns = 1K mds // 4 guns = 2K mds
 - ✓ 42500 total endurance rounds fired
 - ✓ Dry Cycle (3 Finecontrols thru 10K cycles each)
- ☒ **Extensive environmental testing**
 - ✓ -20 F through +120 F including Thermal Cycling
 - ✓ Dust and Debris
 - ✓ Corrosion

Remington-Union Carbide Corp. M-1 Trigger Assembly June 30, 2005 93

6/12/2006

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