

# Gallery Performance Report

Proof - Test - Target

|                |                                    |              |                   |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|-------------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>642</b>   | <b>Test Date:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>88</b>    |                   |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>13.71</b> |                   |  |  |  |  |  |  |  |

|               |           |      |     |     |     |     |      |     |   |   |   |
|---------------|-----------|------|-----|-----|-----|-----|------|-----|---|---|---|
| <b>Proof</b>  | Shot:     | 3    | 135 | 43  | 19  | 203 | 115  | 8   |   |   |   |
|               | Rejected: | 1    | 7   | 4   | 0   | 8   | 0    | 0   | 0 | 0 | 0 |
|               | Percent:  | 33.3 | 5.2 | 9.3 | 0.0 | 3.9 | 0.0  | 0.0 |   |   |   |
| <b>Test</b>   | Shot:     | 176  | 103 |     |     | 165 | 169  | 9   |   |   |   |
|               | Rejected: | 25   | 8   | 0   | 0   | 7   | 21   | 0   | 0 | 0 | 0 |
|               | Percent:  | 14.2 | 7.8 |     |     | 4.2 | 12.4 | 0.0 |   |   |   |
| <b>Target</b> | Shot:     | 69   |     | 18  |     | 72  | 12   |     |   |   |   |
|               | Rejected: | 0    | 6   | 1   | 0   | 0   | 0    | 0   | 0 | 0 | 0 |
|               | Percent:  | 0.0  |     | 5.6 |     | 0.0 | 0.0  |     |   |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|--|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |  |
| BAC   | Burr at chamber                          |         |         |        |         | 1     |      |      |         |        |  |
| BBMA  | BBL-to-bolt misalignment                 |         |         |        |         |       |      |      |         |        |  |
| BB    | Bolt binds/catches                       |         |         |        |         | 2     |      |      |         |        |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |        |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |  |
| BWCD  | Bolt won't cam down                      |         |         |        |         |       |      |      |         |        |  |
| BWCFM | Bolt won't close over full magazine      |         |         |        |         |       |      |      |         |        |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |  |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |        |  |
| CH    | Closes hard                              | 1       | 2       |        |         | 1     |      |      |         |        |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |  |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |        |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |  |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 2    |      |         |        |  |

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|      |                                      |   |   |  |  |   |    |  |  |  |  |
|------|--------------------------------------|---|---|--|--|---|----|--|--|--|--|
| DCS  | Double click in safety switch        |   |   |  |  |   |    |  |  |  |  |
| DCT  | Double click in trigger              |   |   |  |  |   |    |  |  |  |  |
| DCU  | Doesn't close-up                     |   |   |  |  |   |    |  |  |  |  |
| DE   | Doesn't eject                        |   |   |  |  |   |    |  |  |  |  |
| DEL  | Doesn't eject live round             |   |   |  |  |   |    |  |  |  |  |
| DFB  | Doesn't feed back                    |   |   |  |  |   |    |  |  |  |  |
| DFU  | Doesn't feed up                      |   |   |  |  |   |    |  |  |  |  |
| DLO  | Doesn't lock open (after last shell) |   |   |  |  |   |    |  |  |  |  |
| DLU  | Doesn't lock-up                      |   |   |  |  |   | 3  |  |  |  |  |
| DS   | Dead safe                            |   |   |  |  |   |    |  |  |  |  |
| DSM  | Drops shell-magazine                 |   |   |  |  |   |    |  |  |  |  |
| DTL  | Doesn't trip latch                   |   |   |  |  |   |    |  |  |  |  |
| DX   | Doesn't extract                      |   |   |  |  |   | 16 |  |  |  |  |
| DXL  | Doesn't extract live round           |   |   |  |  |   |    |  |  |  |  |
| EDS  | Extractor drops shell                |   | 5 |  |  |   |    |  |  |  |  |
| ESB  | Ejector sticks back                  |   | 1 |  |  |   |    |  |  |  |  |
| ESCR | Empty shell catches receiver         |   |   |  |  |   |    |  |  |  |  |
| ESS  | Extractor stems shell                |   |   |  |  |   |    |  |  |  |  |
| FA   | Fires automatically                  |   |   |  |  |   |    |  |  |  |  |
| FB   | Follower binds                       |   |   |  |  |   |    |  |  |  |  |
| FC   | Fails to connect                     |   |   |  |  |   |    |  |  |  |  |
| FCB  | Fore-end cracked or broken           |   |   |  |  |   |    |  |  |  |  |
| FD   | Follows-down                         |   |   |  |  |   |    |  |  |  |  |
| FF   | Fails to fire                        |   |   |  |  |   |    |  |  |  |  |
| FFM  | Fails to feed from magazine          |   |   |  |  |   |    |  |  |  |  |
| FFP  | Flat firing pin                      |   |   |  |  |   |    |  |  |  |  |
| FOS  | Fires on safe                        |   |   |  |  |   |    |  |  |  |  |
| FPHB | Firing pin hits bbl                  |   |   |  |  |   |    |  |  |  |  |
| FPHI | Firing pin hits inside rim           |   |   |  |  |   |    |  |  |  |  |
| FPO  | Floor plate opens                    |   |   |  |  |   |    |  |  |  |  |
| FPOH | Floor plate opens hard               |   |   |  |  |   |    |  |  |  |  |
| FSR  | Fires when safe is released          |   |   |  |  |   |    |  |  |  |  |
| FT   | Follower tips                        | 1 |   |  |  | 2 |    |  |  |  |  |
| GCSO | Gas cyl shot off                     |   |   |  |  |   |    |  |  |  |  |
| GRSO | Guide ring shot off                  |   |   |  |  |   |    |  |  |  |  |
| HBL  | Heavy bolt lift                      | 3 |   |  |  |   |    |  |  |  |  |
| HMSC | Heading mismatch-steps on case       |   |   |  |  |   |    |  |  |  |  |
| HPA  | High pressure ammo                   |   |   |  |  |   |    |  |  |  |  |
| HUE  | Hard under extractor                 |   |   |  |  |   |    |  |  |  |  |
| HUR  | Hard under rail                      |   |   |  |  |   |    |  |  |  |  |
| ILOP | Int. latch out of position           |   |   |  |  |   |    |  |  |  |  |
| ILRM | Int. latch ret. Missing              |   |   |  |  |   |    |  |  |  |  |
| ILSB | Int. latch stud broken               |   |   |  |  |   |    |  |  |  |  |
| ILSP | Int. latch spring out of position    |   |   |  |  |   |    |  |  |  |  |
| JCS  | Jumps cartridge                      |   |   |  |  |   |    |  |  |  |  |
| JL   | Jumps latch                          |   |   |  |  |   |    |  |  |  |  |
| JM   | Jumps magazine                       | 5 |   |  |  |   |    |  |  |  |  |
| JO   | Jars off                             |   |   |  |  |   |    |  |  |  |  |
| LB   | Light blow                           |   |   |  |  |   |    |  |  |  |  |

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|        |                                   |   |  |  |  |   |  |  |  |  |  |
|--------|-----------------------------------|---|--|--|--|---|--|--|--|--|--|
| MAH    | Magazine assembles hard           |   |  |  |  |   |  |  |  |  |  |
| MCSO   | Magazine cap shot off             |   |  |  |  |   |  |  |  |  |  |
| MCW    | Magazine capacity wrong           |   |  |  |  |   |  |  |  |  |  |
| MFA    | Misfires (ammo)                   |   |  |  |  |   |  |  |  |  |  |
| MFOP   | Magazine follower out of position |   |  |  |  |   |  |  |  |  |  |
| ML     | Magazine loose                    |   |  |  |  |   |  |  |  |  |  |
| MLH    | Magazine loads hard               |   |  |  |  |   |  |  |  |  |  |
| MRH    | Magazine removes hard             |   |  |  |  |   |  |  |  |  |  |
| OH     | Opens hard                        | 1 |  |  |  |   |  |  |  |  |  |
| OR     | Over-rides                        | 7 |  |  |  |   |  |  |  |  |  |
| PH     | Pulls hard                        |   |  |  |  |   |  |  |  |  |  |
| PSI    | Proof stamp illegible             |   |  |  |  |   |  |  |  |  |  |
| PSM    | Proof stamp missing               |   |  |  |  |   |  |  |  |  |  |
| RBOC   | Rings and bulges on case          |   |  |  |  |   |  |  |  |  |  |
| RDW    | (Action) release doesn't work     |   |  |  |  |   |  |  |  |  |  |
| RIC    | Rings in chamber                  |   |  |  |  |   |  |  |  |  |  |
| RIS    | Ring in sholder                   |   |  |  |  |   |  |  |  |  |  |
| RS     | Rim srem                          |   |  |  |  |   |  |  |  |  |  |
| SBC    | Stems bottom chambers             |   |  |  |  |   |  |  |  |  |  |
| SBE    | Stems bbl extension               |   |  |  |  |   |  |  |  |  |  |
| SCB    | Stock cracked or broken           |   |  |  |  |   |  |  |  |  |  |
| SCX    | Shell catches                     |   |  |  |  |   |  |  |  |  |  |
| SHI    | Short indent                      |   |  |  |  |   |  |  |  |  |  |
| SI     | Stems incline                     | 2 |  |  |  |   |  |  |  |  |  |
| SIC    | Stems in chamber                  |   |  |  |  |   |  |  |  |  |  |
| SL     | shaves lead                       |   |  |  |  |   |  |  |  |  |  |
| SLC    | Stems left side of chamber        |   |  |  |  |   |  |  |  |  |  |
| SMOC   | Stretch marks on case             |   |  |  |  |   |  |  |  |  |  |
| SOR    | Stem over-ride                    |   |  |  |  |   |  |  |  |  |  |
| SP     | Stems port                        |   |  |  |  |   |  |  |  |  |  |
| SR     | Shoulder rough                    |   |  |  |  |   |  |  |  |  |  |
| SRC    | Stems right side of chamber       |   |  |  |  |   |  |  |  |  |  |
| SRIC   | Specific rings in chamber         |   |  |  |  |   |  |  |  |  |  |
| SSC    | shell stems carrier               |   |  |  |  |   |  |  |  |  |  |
| SSOC   | Surface scratches on case         |   |  |  |  |   |  |  |  |  |  |
| STC    | Stems top chamber                 | 2 |  |  |  |   |  |  |  |  |  |
| SWE    | Safety switch works too easily    |   |  |  |  |   |  |  |  |  |  |
| SWH    | Safety switch works too hard      |   |  |  |  |   |  |  |  |  |  |
| SWW    | Safety ewitxh won't work          |   |  |  |  |   |  |  |  |  |  |
| TD     | Tips down                         |   |  |  |  |   |  |  |  |  |  |
| TU     | Tips up                           |   |  |  |  |   |  |  |  |  |  |
| TWP    | Trigger won't pull                |   |  |  |  |   |  |  |  |  |  |
| TWR    | Trigger won't retract             |   |  |  |  |   |  |  |  |  |  |
| UNCN-T | Uncoded                           |   |  |  |  |   |  |  |  |  |  |
| XH     | Extracts hard                     | 3 |  |  |  | 1 |  |  |  |  |  |
| XHB    | Extractor hits bbl                |   |  |  |  |   |  |  |  |  |  |
|        |                                   |   |  |  |  |   |  |  |  |  |  |
| HI     | High                              |   |  |  |  |   |  |  |  |  |  |

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|        |   |   |   |   |  |   |  |  |  |  |  |
|--------|---|---|---|---|--|---|--|--|--|--|--|
| LO     | Low                                       |   |   |   |  |   |  |  |  |  |  |
| LEFT   | Left                                      |   |   |   |  |   |  |  |  |  |  |
| RIGHT  | Right                                     |   |   |   |  |   |  |  |  |  |  |
| DG     | Doesn't Group                             |   | 6 | 1 |  |   |  |  |  |  |  |
| FSST   | Front sight tipped                        |   |   |   |  |   |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |   |   |   |  |   |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |   |   |   |  |   |  |  |  |  |  |
| FSTR   | Front sight raised                        |   |   |   |  |   |  |  |  |  |  |
| FSTL   | Front sight loose                         |   |   |   |  |   |  |  |  |  |  |
| RSTL   | Rear sight loose                          |   |   |   |  |   |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |   |   |   |  |   |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |   |   |   |  |   |  |  |  |  |  |
|        |   |   |   |   |  |   |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |   |   |   |  |   |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |   |   |   |  |   |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |   |   |   |  |   |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |   |   |   |  |   |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |   |   |   |  |   |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |   |   |   |  |   |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |   |   |   |  |   |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |   |   |   |  |   |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |   |   |   |  |   |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |   |   |   |  |   |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |   |   |   |  |   |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |   |   |   |  |   |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |   |   |   |  |   |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |   |   |   |  |   |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |   |   |   |  |   |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |   |   |   |  |   |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |   |   |   |  |   |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |   |   |   |  |   |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   | 1 | 1 | 4 |  |   |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |   |   |   |  |   |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                |   | 6 |   |  | 8 |  |  |  |  |  |

|                |                                    |              |               |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|---------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>23948</b> | <b>Month:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>3754</b>  |               |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>15.68</b> |               |  |  |  |  |  |  |  |

|               |           |       |      |      |       |      |      |     |      |     |   |
|---------------|-----------|-------|------|------|-------|------|------|-----|------|-----|---|
| <b>Proof</b>  | Shot:     | 11813 | 3849 | 3672 | 630   | 1303 | 2102 | 463 |      |     |   |
|               | Rejected: | 44    | 56   | 105  | 1     | 13   | 32   | 4   | 0    | 0   | 0 |
|               | Percent:  | 0.4   | 1.5  | 2.9  | 0.2   | 1.0  | 1.5  | 0.9 |      |     |   |
| <b>Test</b>   | Shot:     | 12451 | 3944 | 2431 | 97    | 1191 | 2156 | 592 | 165  | 666 |   |
|               | Rejected: | 1517  | 496  | 439  | 106   | 116  | 256  | 55  | 23   | 1   | 0 |
|               | Percent:  | 12.2  | 12.6 | 18.1 | 109.3 | 9.7  | 11.9 | 9.3 | 13.9 | 0.2 |   |
| <b>Target</b> | Shot:     | 7521  | 2101 | 3115 | 676   | 1586 | 172  |     | 24   |     |   |
|               | Rejected: | 161   | 31   | 114  | 0     | 184  | 0    | 0   | 0    | 0   | 0 |
|               | Percent:  | 2.1   | 1.5  | 3.7  | 0.0   | 11.6 | 0.0  |     | 0.0  |     |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 M/L |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|---------|--|
| AB    | Action binds                             |         |         |        |         |       | 4    | 42   |         |         |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |         |  |
| BABS  | Bulge at body shoulder                   | 1       |         |        |         |       |      |      |         |         |  |
| BAC   | Burr at chamber                          | 93      | 165     | 40     | 5       | 7     |      |      |         |         |  |
| BBMA  | BBL-to-bolt misalignment                 | 3       | 1       | 3      |         |       |      |      |         |         |  |
| BB    | Bolt binds/catches                       | 129     | 28      | 45     | 7       | 11    |      |      |         | 1       |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |         |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |         |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |         |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      | 1       |         |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |         |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |         |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |         |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |         |  |
| BPO   | Bolt pulls out                           |         |         | 1      |         |       |      |      |         |         |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |         |  |
| BSSM  | Bolt stems shell in magazine             | 1       |         |        |         | 1     |      |      |         |         |  |
| BWCD  | Bolt won't cam down                      | 19      | 4       | 6      |         | 2     |      |      |         |         |  |
| BWCFM | Bolt won't close over full magazine      | 17      |         | 30     |         |       |      |      |         |         |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |         |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |         |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         | 3      |         |       |      |      |         |         |  |
| CD    | Case dented                              |         | 1       |        |         |       |      |      |         |         |  |
| CH    | Closes hard                              | 95      | 48      | 32     | 1       | 9     |      |      |         |         |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |         |  |
| CLM   | Can't load magazine                      |         | 1       |        |         |       |      |      |         |         |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |         |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |         |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |         |  |
| CTOG  | Chamber torn or gouged                   | 3       |         |        |         |       |      |      |         |         |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |         |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |         |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 32   |      |         |         |  |
| DCS   | Double click in safety switch            |         |         |        |         |       |      |      | 1       |         |  |
| DCT   | Double click in trigger                  |         |         |        |         |       |      |      |         |         |  |
| DCU   | Doesn't close-up                         |         |         |        |         |       | 4    |      |         |         |  |
| DE    | Doesn't eject                            | 8       | 3       | 4      | 10      |       | 28   |      |         |         |  |
| DEL   | Doesn't eject live round                 | 2       |         |        |         |       |      |      |         |         |  |
| DFB   | Doesn't feed back                        |         |         |        |         |       |      |      |         |         |  |
| DFU   | Doesn't feed up                          |         |         |        |         |       |      |      | 1       |         |  |
| DLO   | Doesn't lock open (after last shell)     |         |         |        |         |       |      |      |         |         |  |

|      |                                   |     |    |    |      |        |    |   |    |  |  |
|------|-----------------------------------|-----|----|----|------|--------|----|---|----|--|--|
| DLU  | Doesn't lock-up                   |     |    |    |      |        | 42 |   | 2  |  |  |
| DS   | Dead safe                         | 3   |    | 2  | 1    | 2      |    |   |    |  |  |
| DSM  | Drops shell-magazine              |     |    |    |      |        |    |   |    |  |  |
| DTL  | Doesn't trip latch                |     |    |    |      |        | 1  |   |    |  |  |
| DX   | Doesn't extract                   | 3   | 3  | 1  | Test | Target | 54 |   | 1  |  |  |
| DXL  | Doesn't extract live round        |     |    |    |      |        |    |   |    |  |  |
| EDS  | Extractor drops shell             | 11  | 4  | 15 | 52   | 2      |    |   | 10 |  |  |
| ESB  | Ejector sticks back               | 6   | 1  | 1  |      | 1      |    |   |    |  |  |
| ESCR | Empty shell catches receiver      |     |    |    |      | 1      |    |   |    |  |  |
| ESS  | Extractor stems shell             |     |    |    |      |        |    |   |    |  |  |
| FA   | Fires automatically               |     |    |    |      |        |    |   |    |  |  |
| FB   | Follower binds                    | 1   |    |    |      |        |    |   |    |  |  |
| FC   | Fails to connect                  |     |    |    |      |        | 10 |   |    |  |  |
| FCB  | Fore-end cracked or broken        |     |    |    |      |        |    |   |    |  |  |
| FD   | Follows-down                      |     |    |    |      |        |    |   |    |  |  |
| FF   | Fails to fire                     | 6   |    | 4  |      | 3      | 1  |   |    |  |  |
| FFM  | Fails to feed from magazine       |     | 2  |    |      |        | 3  |   |    |  |  |
| FFP  | Flat firing pin                   |     |    |    |      |        |    |   |    |  |  |
| FOS  | Fires on safe                     |     |    |    |      |        |    |   |    |  |  |
| FPHB | Firing pin hits bbl               |     |    |    |      |        |    |   |    |  |  |
| FPHI | Firing pin hits inside rim        |     |    |    |      |        |    |   |    |  |  |
| FPO  | Floor plate opens                 | 1   | 2  | 4  | 1    |        |    |   |    |  |  |
| FPOH | Floor plate opens hard            |     |    |    |      |        |    |   |    |  |  |
| FSR  | Fires when safe is released       |     |    |    |      |        |    |   |    |  |  |
| FT   | Follower tips                     | 188 | 2  | 1  |      | 9      |    |   |    |  |  |
| GCSO | Gas cyl shot off                  |     |    |    |      |        |    |   |    |  |  |
| GRSO | Guide ring shot off               |     |    |    |      |        |    |   |    |  |  |
| HBL  | Heavy bolt lift                   | 71  | 18 | 45 |      | 28     |    |   |    |  |  |
| HMSC | Heading mismatch-steps on case    |     |    |    |      |        |    |   |    |  |  |
| HPA  | High pressure ammo                |     |    |    |      |        |    |   |    |  |  |
| HUE  | Hard under extractor              |     |    |    |      |        |    |   |    |  |  |
| HUR  | Hard under rail                   | 7   |    | 16 | 4    |        |    |   |    |  |  |
| ILOP | Int. latch out of position        |     |    |    |      |        |    |   |    |  |  |
| ILRM | Int. latch ret. Missing           |     |    |    |      |        |    |   |    |  |  |
| ILSB | Int. latch stud broken            |     |    |    |      |        |    |   |    |  |  |
| ILSP | Int. latch spring out of position |     |    |    |      |        |    |   |    |  |  |
| JCS  | Jumps cartridge                   |     |    |    |      |        |    |   |    |  |  |
| JL   | Jumps latch                       |     |    |    |      |        |    |   |    |  |  |
| JM   | Jumps magazine                    | 23  | 37 | 9  | 8    |        |    | 5 |    |  |  |
| JO   | Jars off                          |     |    |    |      |        |    |   |    |  |  |
| LB   | Light blow                        |     |    | 1  |      | 1      |    |   | 4  |  |  |
| MAH  | Magazine assembles hard           |     |    |    |      |        |    |   |    |  |  |
| MCSO | Magazine cap shot off             |     |    |    |      |        |    |   |    |  |  |
| MCW  | Magazine capacity wrong           |     | 7  |    | 2    |        |    |   |    |  |  |
| MFA  | Misfires (ammo)                   |     |    |    |      |        |    |   |    |  |  |
| MFOP | Magazine follower out of position |     |    |    |      |        |    |   |    |  |  |
| ML   | Magazine loose                    |     |    |    |      |        | 3  |   |    |  |  |
| MLH  | Magazine loads hard               |     |    |    |      |        |    |   |    |  |  |
| MRH  | Magazine removes hard             |     | 2  |    |      |        | 1  | 2 |    |  |  |
| OH   | Opens hard                        | 38  | 35 | 23 | 1    | 4      |    |   |    |  |  |
| OR   | Over-rides                        | 189 | 14 | 3  | 13   | 3      | 16 |   |    |  |  |
| PH   | Pulls hard                        |     |    |    |      |        |    |   |    |  |  |
| PSI  | Proof stamp illegible             |     |    |    |      |        |    |   |    |  |  |
| PSM  | Proof stamp missing               |     |    |    |      |        |    |   |    |  |  |
| RBOC | Rings and bulges on case          |     |    |    |      |        |    |   |    |  |  |
| RDW  | (Action) release doesn't work     | 4   |    |    |      |        |    |   |    |  |  |
| RIC  | Rings in chamber                  | 313 | 66 | 76 | 1    | 18     |    |   |    |  |  |

|        |   |     |    |                            |      |        |    |   |   |  |  |
|--------|---|-----|----|----------------------------|------|--------|----|---|---|--|--|
| RIS    | Ring in sholder                           | 167 |    | 18                         |      |        |    |   |   |  |  |
| RS     | Rim srem                                  |     |    | 2                          |      |        |    |   |   |  |  |
| SBC    | Stems bottom chambers                     | 14  | 15 | Gallery Performance Report |      |        |    |   |   |  |  |
| SBE    | Stems bbl extension                       |     |    | Proof                      | Test | Target |    |   |   |  |  |
| SCB    | Stock cracked or broken                   | 1   |    |                            |      |        |    |   |   |  |  |
| SCX    | Shell catches                             |     |    |                            |      |        |    |   |   |  |  |
| SHI    | Short indent                              | 1   |    |                            |      |        |    |   |   |  |  |
| SI     | Stems incline                             | 33  | 5  |                            |      | 1      | 2  |   |   |  |  |
| SIC    | Stems in chamber                          |     |    |                            |      |        |    |   |   |  |  |
| SL     | shaves lead                               |     |    |                            |      |        |    |   | 3 |  |  |
| SLC    | Stems left side of chamber                | 5   | 1  | 1                          |      |        |    |   |   |  |  |
| SMOC   | Stretch marks on case                     |     |    |                            |      |        |    |   |   |  |  |
| SOR    | Stem over-ride                            | 1   |    | 1                          |      |        | 46 | 4 |   |  |  |
| SP     | Stems port                                |     |    |                            |      |        |    |   |   |  |  |
| SR     | Shoulder rough                            |     |    |                            |      |        |    |   |   |  |  |
| SRC    | Stems right side of chamber               | 16  | 1  |                            |      | 1      |    |   |   |  |  |
| SRIC   | Specific rings in chamber                 |     | 20 |                            |      |        |    |   |   |  |  |
| SSC    | shell stems carrier                       |     |    |                            |      |        |    |   |   |  |  |
| SSOC   | Surface scratches on case                 |     |    |                            |      |        |    |   |   |  |  |
| STC    | Stems top chamber                         | 6   | 1  |                            |      |        | 9  | 2 |   |  |  |
| SWE    | Safety switch works too easily            | 2   |    |                            |      | 1      |    |   |   |  |  |
| SWH    | Safety switch works too hard              | 1   |    |                            |      |        |    |   |   |  |  |
| SWW    | Safety ewitxh won't work                  |     |    |                            |      |        |    |   |   |  |  |
| TD     | Tips down                                 |     |    |                            |      |        |    |   |   |  |  |
| TU     | Tips up                                   |     |    |                            |      |        |    |   |   |  |  |
| TWP    | Trigger won't pull                        |     |    |                            |      |        |    |   |   |  |  |
| TWR    | Trigger won't retract                     |     |    |                            |      |        |    |   |   |  |  |
| UNCN-T | Uncoded                                   | 14  | 2  | 10                         |      | 5      |    |   |   |  |  |
| XH     | Extracts hard                             | 21  | 6  | 42                         |      | 6      |    |   |   |  |  |
| XHB    | Extractor hits bbl                        |     | 1  |                            |      |        |    |   |   |  |  |
|        |   |     |    |                            |      |        |    |   |   |  |  |
| HI     | High                                      |     |    |                            |      |        |    |   |   |  |  |
| LO     | Low                                       |     |    |                            |      |        |    |   |   |  |  |
| LEFT   | Left                                      |     |    |                            |      |        |    |   |   |  |  |
| RIGHT  | Right                                     |     |    |                            |      |        |    |   |   |  |  |
| DG     | Doesn't Group                             | 161 | 31 | 114                        |      | 184    |    |   |   |  |  |
| FSST   | Front sight tipped                        |     |    |                            |      |        |    |   |   |  |  |
| RSTT   | Rear sight tipped                         |     |    |                            |      |        |    |   |   |  |  |
| RSBR   | Rear sight base raised                    |     |    |                            |      |        |    |   |   |  |  |
| FSTR   | Front sight raised                        |     |    |                            |      |        |    |   |   |  |  |
| FSTL   | Front sight loose                         |     |    |                            |      |        |    |   |   |  |  |
| RSTL   | Rear sight loose                          |     |    |                            |      |        |    |   |   |  |  |
| MGPT-G | Missing parts at target                   |     |    |                            |      |        |    |   |   |  |  |
| UNCN-G | Uncoded nonconformity at target           |     |    |                            |      |        |    |   |   |  |  |
|        |   |     |    |                            |      |        |    |   |   |  |  |
| AI-P   | Assembly incompleye at proof              |     |    |                            |      |        |    |   |   |  |  |
| BBB    | Barrel bracket cracked or broken at proof |     |    |                            |      |        |    |   |   |  |  |
| BC-P   | Blows cases at proof                      |     |    |                            |      |        |    |   |   |  |  |
| BEB-P  | Barrel extension broken at proof          |     |    |                            |      |        |    |   |   |  |  |
| BLP-P  | Blanked primer at proof                   |     |    |                            |      |        |    |   |   |  |  |
| BLSO-P | Barrel lug shot off at proof              |     |    |                            |      |        |    |   |   |  |  |
| BP-P   | Blown primer at proof                     |     |    |                            |      |        |    |   |   |  |  |
| BS-P   | Barrel split at proof                     |     |    |                            |      |        |    |   |   |  |  |
| DLOS-P | Doesn't lock over shells at proof         |     |    |                            |      |        |    |   |   |  |  |
| ESB-P  | Ejector sticks back at proof              |     |    |                            |      |        | 19 |   |   |  |  |

|        |                                  |    |    |                            |       |      |        |   |  |  |  |
|--------|----------------------------------|----|----|----------------------------|-------|------|--------|---|--|--|--|
| FCB-P  | Fore-end cracked at proof        |    |    |                            |       |      |        |   |  |  |  |
| FESO-P | Fore-end shot off at proof       |    |    |                            |       |      |        |   |  |  |  |
| FF-P   | Fails to fire at proof           |    | 1  | Gallery Performance Report |       |      | 3      | 4 |  |  |  |
| GCSO-P | Gas cylinder shot off at proof   |    |    |                            | Proof | Test | Target |   |  |  |  |
| GRSO-P | Guide ring shot off at proof     |    |    |                            |       |      |        |   |  |  |  |
| MCSO-P | Magazine cap shot off at proof   |    |    |                            |       |      |        |   |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl |    |    | 3                          |       |      |        |   |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl   | 7  | 1  | 1                          |       |      |        |   |  |  |  |
| PP-P   | Pierced primer at proof          | 21 | 50 | 36                         |       | 5    | 1      |   |  |  |  |
| SCB-P  | Stock cracked or broken at proof |    |    |                            |       |      |        |   |  |  |  |
| UNCM-P | Uncoded proof malfunctions       | 16 | 4  | 65                         | 1     | 8    | 9      |   |  |  |  |



# Gallery Performance Report

Proof - Test - Target

|                |                                    |              |                   |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|-------------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>1238</b>  | <b>Test Date:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>227</b>   |                   |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>18.34</b> |                   |  |  |  |  |  |  |  |

|               |           |      |      |      |     |     |      |     |     |   |
|---------------|-----------|------|------|------|-----|-----|------|-----|-----|---|
| <b>Proof</b>  | Shot:     | 185  | 670  | 198  | 45  | 1   | 169  | 1   |     |   |
|               | Rejected: | 0    | 2    | 6    | 0   | 0   | 0    | 0   | 0   | 0 |
|               | Percent:  | 0.0  | 0.3  | 3.0  | 0.0 | 0.0 | 0.0  | 0.0 |     |   |
| <b>Test</b>   | Shot:     | 248  | 674  | 126  |     |     | 26   |     | 156 |   |
|               | Rejected: | 35   | 134  | 41   | 0   | 0   | 7    | 0   | 1   | 0 |
|               | Percent:  | 14.1 | 19.9 | 32.5 |     |     | 26.9 |     | 0.6 |   |
| <b>Target</b> | Shot:     | 52   | 164  | 124  |     | 10  | 3    |     |     |   |
|               | Rejected: | 1    | 0    | 0    | 0   | 0   | 0    | 0   | 0   | 0 |
|               | Percent:  | 1.9  | 0.0  | 0.0  |     | 0.0 | 0.0  |     |     |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|--|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |  |
| BAC   | Burr at chamber                          | 1       | 46      | 9      |         |       |      |      |         |        |  |
| BBMA  | BBL-to-bolt misalignment                 |         |         |        |         |       |      |      |         |        |  |
| BB    | Bolt binds/catches                       |         |         | 2      |         |       |      |      |         |        |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |  |
| BPO   | Bolt pulls out                           | 1       |         |        |         |       |      |      |         |        |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |  |
| BWCD  | Bolt won't cam down                      |         | 3       |        |         |       |      |      |         |        |  |
| BWCFM | Bolt won't close over full magazine      |         |         |        |         |       |      |      |         |        |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |  |
| CD    | Case dented                              |         | 3       |        |         |       |      |      |         |        |  |
| CH    | Closes hard                              | 1       | 8       | 1      |         |       |      |      |         |        |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |  |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |        |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |  |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 2    |      |         |        |  |

# Gallery Performance Report

Proof - Test - Target

|      |                                      |   |    |   |  |  |   |  |   |  |  |
|------|--------------------------------------|---|----|---|--|--|---|--|---|--|--|
| DCS  | Double click in safety switch        |   |    |   |  |  |   |  |   |  |  |
| DCT  | Double click in trigger              |   |    |   |  |  |   |  |   |  |  |
| DCU  | Doesn't close-up                     |   |    |   |  |  |   |  |   |  |  |
| DE   | Doesn't eject                        |   |    |   |  |  |   |  |   |  |  |
| DEL  | Doesn't eject live round             |   |    |   |  |  |   |  |   |  |  |
| DFB  | Doesn't feed back                    |   |    |   |  |  |   |  |   |  |  |
| DFU  | Doesn't feed up                      |   |    |   |  |  |   |  |   |  |  |
| DLO  | Doesn't lock open (after last shell) |   |    |   |  |  |   |  |   |  |  |
| DLU  | Doesn't lock-up                      |   |    |   |  |  | 5 |  |   |  |  |
| DS   | Dead safe                            |   |    |   |  |  |   |  |   |  |  |
| DSM  | Drops shell-magazine                 |   |    |   |  |  |   |  |   |  |  |
| DTL  | Doesn't trip latch                   |   |    |   |  |  |   |  |   |  |  |
| DX   | Doesn't extract                      |   | 13 |   |  |  |   |  |   |  |  |
| DXL  | Doesn't extract live round           |   | 1  |   |  |  |   |  |   |  |  |
| EDS  | Extractor drops shell                |   | 10 |   |  |  |   |  |   |  |  |
| ESB  | Ejector sticks back                  | 1 | 3  |   |  |  |   |  |   |  |  |
| ESCR | Empty shell catches receiver         |   |    |   |  |  |   |  |   |  |  |
| ESS  | Extractor stems shell                |   |    |   |  |  |   |  |   |  |  |
| FA   | Fires automatically                  |   |    |   |  |  |   |  |   |  |  |
| FB   | Follower binds                       |   |    |   |  |  |   |  |   |  |  |
| FC   | Fails to connect                     |   |    |   |  |  |   |  |   |  |  |
| FCB  | Fore-end cracked or broken           |   |    |   |  |  |   |  |   |  |  |
| FD   | Follows-down                         |   |    |   |  |  |   |  |   |  |  |
| FF   | Fails to fire                        |   |    |   |  |  |   |  | 1 |  |  |
| FFM  | Fails to feed from magazine          |   |    |   |  |  |   |  |   |  |  |
| FFP  | Flat firing pin                      |   |    |   |  |  |   |  |   |  |  |
| FOS  | Fires on safe                        |   |    |   |  |  |   |  |   |  |  |
| FPHB | Firing pin hits bbl                  |   |    |   |  |  |   |  |   |  |  |
| FPHI | Firing pin hits inside rim           |   |    |   |  |  |   |  |   |  |  |
| FPO  | Floor plate opens                    |   |    |   |  |  |   |  |   |  |  |
| FPOH | Floor plate opens hard               |   |    |   |  |  |   |  |   |  |  |
| FSR  | Fires when safe is released          |   |    |   |  |  |   |  |   |  |  |
| FT   | Follower tips                        | 4 |    |   |  |  |   |  |   |  |  |
| GCSO | Gas cyl shot off                     |   |    |   |  |  |   |  |   |  |  |
| GRSO | Guide ring shot off                  |   |    |   |  |  |   |  |   |  |  |
| HBL  | Heavy bolt lift                      |   |    | 2 |  |  |   |  |   |  |  |
| HMSC | Heading mismatch-steps on case       |   |    |   |  |  |   |  |   |  |  |
| HPA  | High pressure ammo                   |   |    |   |  |  |   |  |   |  |  |
| HUE  | Hard under extractor                 |   |    |   |  |  |   |  |   |  |  |
| HUR  | Hard under rail                      |   |    |   |  |  |   |  |   |  |  |
| ILOP | Int. latch out of position           |   |    |   |  |  |   |  |   |  |  |
| ILRM | Int. latch ret. Missing              |   |    |   |  |  |   |  |   |  |  |
| ILSB | Int. latch stud broken               |   |    |   |  |  |   |  |   |  |  |
| ILSP | Int. latch spring out of position    |   |    |   |  |  |   |  |   |  |  |
| JCS  | Jumps cartridge                      |   |    |   |  |  |   |  |   |  |  |
| JL   | Jumps latch                          |   |    |   |  |  |   |  |   |  |  |
| JM   | Jumps magazine                       | 1 | 23 |   |  |  |   |  |   |  |  |
| JO   | Jars off                             |   |    |   |  |  |   |  |   |  |  |
| LB   | Light blow                           |   |    |   |  |  |   |  |   |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |                                   |    |    |    |  |  |  |  |  |  |  |
|--------|-----------------------------------|----|----|----|--|--|--|--|--|--|--|
| MAH    | Magazine assembles hard           |    |    |    |  |  |  |  |  |  |  |
| MCSO   | Magazine cap shot off             |    |    |    |  |  |  |  |  |  |  |
| MCW    | Magazine capacity wrong           |    |    |    |  |  |  |  |  |  |  |
| MFA    | Misfires (ammo)                   |    |    |    |  |  |  |  |  |  |  |
| MFOP   | Magazine follower out of position |    |    |    |  |  |  |  |  |  |  |
| ML     | Magazine loose                    |    |    |    |  |  |  |  |  |  |  |
| MLH    | Magazine loads hard               |    |    |    |  |  |  |  |  |  |  |
| MRH    | Magazine removes hard             |    |    |    |  |  |  |  |  |  |  |
| OH     | Opens hard                        | 2  |    |    |  |  |  |  |  |  |  |
| OR     | Over-rides                        | 7  | 13 |    |  |  |  |  |  |  |  |
| PH     | Pulls hard                        |    |    |    |  |  |  |  |  |  |  |
| PSI    | Proof stamp illegible             |    |    |    |  |  |  |  |  |  |  |
| PSM    | Proof stamp missing               |    |    |    |  |  |  |  |  |  |  |
| RBOC   | Rings and bulges on case          |    |    |    |  |  |  |  |  |  |  |
| RDW    | (Action) release doesn't work     |    |    |    |  |  |  |  |  |  |  |
| RIC    | Rings in chamber                  | 1  | 2  | 17 |  |  |  |  |  |  |  |
| RIS    | Ring in sholder                   |    |    |    |  |  |  |  |  |  |  |
| RS     | Rim srem                          |    |    |    |  |  |  |  |  |  |  |
| SBC    | Stems bottom chambers             |    | 5  |    |  |  |  |  |  |  |  |
| SBE    | Stems bbl extension               |    |    |    |  |  |  |  |  |  |  |
| SCB    | Stock cracked or broken           |    |    |    |  |  |  |  |  |  |  |
| SCX    | Shell catches                     |    |    |    |  |  |  |  |  |  |  |
| SHI    | Short indent                      |    |    |    |  |  |  |  |  |  |  |
| SI     | Stems incline                     | 16 |    |    |  |  |  |  |  |  |  |
| SIC    | Stems in chamber                  |    |    |    |  |  |  |  |  |  |  |
| SL     | shaves lead                       |    |    |    |  |  |  |  |  |  |  |
| SLC    | Stems left side of chamber        |    |    |    |  |  |  |  |  |  |  |
| SMOC   | Stretch marks on case             |    |    |    |  |  |  |  |  |  |  |
| SOR    | Stem over-ride                    |    |    |    |  |  |  |  |  |  |  |
| SP     | Stems port                        |    |    |    |  |  |  |  |  |  |  |
| SR     | Shoulder rough                    |    |    |    |  |  |  |  |  |  |  |
| SRC    | Stems right side of chamber       |    |    |    |  |  |  |  |  |  |  |
| SRIC   | Specific rings in chamber         |    |    |    |  |  |  |  |  |  |  |
| SSC    | shell stems carrier               |    |    |    |  |  |  |  |  |  |  |
| SSOC   | Surface scratches on case         |    |    |    |  |  |  |  |  |  |  |
| STC    | Stems top chamber                 |    |    |    |  |  |  |  |  |  |  |
| SWE    | Safety switch works too easily    |    |    |    |  |  |  |  |  |  |  |
| SWH    | Safety switch works too hard      |    |    |    |  |  |  |  |  |  |  |
| SWW    | Safety ewitxh won't work          |    |    |    |  |  |  |  |  |  |  |
| TD     | Tips down                         |    |    |    |  |  |  |  |  |  |  |
| TU     | Tips up                           |    |    |    |  |  |  |  |  |  |  |
| TWP    | Trigger won't pull                |    |    |    |  |  |  |  |  |  |  |
| TWR    | Trigger won't retract             |    |    |    |  |  |  |  |  |  |  |
| UNCN-T | Uncoded                           |    | 3  |    |  |  |  |  |  |  |  |
| XH     | Extracts hard                     |    | 1  |    |  |  |  |  |  |  |  |
| XHB    | Extractor hits bbl                |    |    | 10 |  |  |  |  |  |  |  |
|        |                                   |    |    |    |  |  |  |  |  |  |  |
| HI     | High                              |    |    |    |  |  |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |   |   |   |   |  |  |  |  |  |  |  |
|--------|---|---|---|---|--|--|--|--|--|--|--|
| LO     | Low                                       |   |   |   |  |  |  |  |  |  |  |
| LEFT   | Left                                      |   |   |   |  |  |  |  |  |  |  |
| RIGHT  | Right                                     |   |   |   |  |  |  |  |  |  |  |
| DG     | Doesn't Group                             | 1 |   |   |  |  |  |  |  |  |  |
| FSST   | Front sight tipped                        |   |   |   |  |  |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |   |   |   |  |  |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |   |   |   |  |  |  |  |  |  |  |
| FSTR   | Front sight raised                        |   |   |   |  |  |  |  |  |  |  |
| FSTL   | Front sight loose                         |   |   |   |  |  |  |  |  |  |  |
| RSTL   | Rear sight loose                          |   |   |   |  |  |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |   |   |   |  |  |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |   |   |   |  |  |  |  |  |  |  |
|        |   |   |   |   |  |  |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |   |   |   |  |  |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |   |   |   |  |  |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |   |   |   |  |  |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |   |   |   |  |  |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |   |   |   |  |  |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |   |   |   |  |  |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |   |   |   |  |  |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |   |   |   |  |  |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |   |   |   |  |  |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |   |   |   |  |  |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |   |   |   |  |  |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |   |   |   |  |  |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |   |   |   |  |  |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |   |   |   |  |  |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |   |   |   |  |  |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |   |   |   |  |  |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |   |   |   |  |  |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |   | 1 |   |  |  |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   |   | 1 |   |  |  |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |   |   |   |  |  |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                |   |   | 6 |  |  |  |  |  |  |  |

|                |                                    |              |               |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|---------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>20020</b> | <b>Month:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>3804</b>  |               |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>19.00</b> |               |  |  |  |  |  |  |  |

|               |           |      |      |      |      |      |      |     |      |   |   |
|---------------|-----------|------|------|------|------|------|------|-----|------|---|---|
| <b>Proof</b>  | Shot:     | 1850 | 9768 | 4219 | 3184 | 524  | 1729 | 858 | 69   |   |   |
|               | Rejected: | 19   | 173  | 72   | 5    | 6    | 2    | 0   | 1    | 0 | 0 |
|               | Percent:  | 1.0  | 1.8  | 1.7  | 0.0  | 1.1  | 0.1  | 0.0 | 1.4  |   |   |
| <b>Test</b>   | Shot:     | 3089 | 9547 | 3479 | 290  | 580  | 1599 | 914 | 244  |   |   |
|               | Rejected: | 388  | 979  | 495  | 110  | 107  | 141  | 7   | 27   | 0 | 0 |
|               | Percent:  | 12.6 | 10.3 | 14.2 | 37.9 | 18.4 | 8.8  | 0.8 | 11.1 |   |   |
| <b>Target</b> | Shot:     | 1772 | 9060 | 1978 | 817  | 317  | 33   | 33  |      |   |   |
|               | Rejected: | 198  | 724  | 191  | 125  | 34   | 0    | 0   | 0    | 0 | 0 |
|               | Percent:  | 11.2 | 8.0  | 9.7  | 15.3 | 10.7 | 0.0  | 0.0 |      |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 M/L |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|---------|--|
| AB    | Action binds                             |         |         |        |         |       | 1    | 6    |         |         |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |         |  |
| BABS  | Bulge at body shoulder                   | 4       |         |        |         |       |      |      |         |         |  |
| BAC   | Burr at chamber                          | 22      | 27      | 14     | 23      |       |      |      |         |         |  |
| BBMA  | BBL-to-bolt misalignment                 | 1       | 2       | 1      | 1       |       |      |      |         |         |  |
| BB    | Bolt binds/catches                       | 67      | 96      | 87     | 10      | 2     | 2    |      |         |         |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |         |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |         |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |         |  |
| BCOF  | Blows cases                              |         |         |        |         |       |      |      |         |         |  |
| BHR   | Bolt hits receiver                       |         |         | 1      |         |       |      |      |         |         |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |         |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |         |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |         |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |         |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |         |  |
| BSSM  | Bolt stems shell in magazine             |         | 2       |        |         |       |      |      |         |         |  |
| BWCD  | Bolt won't cam down                      | 2       | 11      | 2      |         |       |      |      |         |         |  |
| BWCFM | Bolt won't close over full magazine      | 10      | 3       | 5      |         |       |      |      |         |         |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |         |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |         |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |         |  |
| CD    | Case dented                              |         |         | 1      |         |       |      |      |         |         |  |
| CH    | Closes hard                              | 43      | 104     | 66     | 1       | 2     |      |      |         |         |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |         |  |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |         |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |         |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |         |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |         |  |
| CTOG  | Chamber torn or gouged                   |         | 1       |        | 7       |       |      |      |         |         |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |         |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |         |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 7    |      |         |         |  |
| DCS   | Double click in safety switch            |         |         |        |         |       |      |      |         |         |  |
| DCT   | Double click in trigger                  |         |         |        |         |       |      |      |         |         |  |
| DCU   | Doesn't close-up                         |         | 1       |        |         |       |      |      |         |         |  |
| DE    | Doesn't eject                            | 14      | 78      | 22     |         | 1     | 13   |      |         |         |  |
| DEL   | Doesn't eject live round                 | 3       | 9       | 33     |         |       |      |      |         |         |  |
| DFB   | Doesn't feed back                        |         |         |        |         |       |      |      |         |         |  |
| DFU   | Doesn't feed up                          |         |         |        |         |       |      |      | 9       |         |  |
| DLO   | Doesn't lock open (after last shell)     |         |         |        |         |       |      |      |         |         |  |

|      |                                   |    |     |    |       |      |        |    |   |  |  |
|------|-----------------------------------|----|-----|----|-------|------|--------|----|---|--|--|
| DLU  | Doesn't lock-up                   |    |     |    |       |      | 33     |    |   |  |  |
| DS   | Dead safe                         |    | 2   |    |       |      |        |    |   |  |  |
| DSM  | Drops shell-magazine              |    |     |    |       |      |        |    |   |  |  |
| DTL  | Doesn't trip latch                |    |     |    |       |      |        |    |   |  |  |
| DX   | Doesn't extract                   | 3  | 6   | 2  | Proof | Test | Target | 19 | 1 |  |  |
| DXL  | Doesn't extract live round        |    | 2   | 4  |       |      |        |    | 2 |  |  |
| EDS  | Extractor drops shell             | 13 | 79  | 56 |       |      | 4      |    | 6 |  |  |
| ESB  | Ejector sticks back               | 11 | 33  | 7  |       |      |        |    |   |  |  |
| ESCR | Empty shell catches receiver      | 1  | 1   |    |       |      |        |    |   |  |  |
| ESS  | Extractor stems shell             |    |     |    |       |      |        |    |   |  |  |
| FA   | Fires automatically               |    |     |    |       |      |        |    |   |  |  |
| FB   | Follower binds                    |    | 1   |    |       |      |        |    |   |  |  |
| FC   | Fails to connect                  |    |     |    |       |      |        | 1  |   |  |  |
| FCB  | Fore-end cracked or broken        |    |     |    |       |      |        |    |   |  |  |
| FD   | Follows-down                      |    | 2   |    |       |      |        |    |   |  |  |
| FF   | Fails to fire                     | 1  | 30  | 10 |       |      |        |    |   |  |  |
| FFM  | Fails to feed from magazine       |    |     |    |       |      |        |    |   |  |  |
| FFP  | Flat firing pin                   |    |     |    |       |      |        |    |   |  |  |
| FOS  | Fires on safe                     |    |     | 1  |       |      |        |    |   |  |  |
| FPHB | Firing pin hits bbl               |    |     |    |       |      |        |    |   |  |  |
| FPHI | Firing pin hits inside rim        |    |     |    |       |      |        |    |   |  |  |
| FPO  | Floor plate opens                 |    | 3   | 5  | 1     |      |        |    |   |  |  |
| FPOH | Floor plate opens hard            |    |     |    |       |      |        |    |   |  |  |
| FSR  | Fires when safe is released       |    |     |    |       |      |        |    |   |  |  |
| FT   | Follower tips                     | 63 | 11  | 28 |       |      | 5      |    |   |  |  |
| GCSO | Gas cyl shot off                  |    |     |    |       |      |        |    |   |  |  |
| GRSO | Guide ring shot off               |    |     |    |       |      |        |    |   |  |  |
| HBL  | Heavy bolt lift                   | 23 | 44  | 64 | 10    |      | 42     |    |   |  |  |
| HMSC | Heading mismatch-steps on case    |    |     |    |       |      |        |    |   |  |  |
| HPA  | High pressure ammo                |    |     |    |       |      |        |    |   |  |  |
| HUE  | Hard under extractor              |    |     |    |       |      |        |    | 5 |  |  |
| HUR  | Hard under rail                   |    | 1   | 7  |       |      |        |    |   |  |  |
| ILOP | Int. latch out of position        |    |     |    |       |      |        |    |   |  |  |
| ILRM | Int. latch ret. Missing           |    |     |    |       |      |        |    |   |  |  |
| ILSB | Int. latch stud broken            |    |     |    |       |      |        |    |   |  |  |
| ILSP | Int. latch spring out of position |    |     |    |       |      |        |    |   |  |  |
| JCS  | Jumps cartridge                   |    |     |    |       |      |        |    |   |  |  |
| JL   | Jumps latch                       |    |     |    |       |      |        |    |   |  |  |
| JM   | Jumps magazine                    | 6  | 137 | 5  |       |      | 13     | 3  |   |  |  |
| JO   | Jars off                          |    |     |    |       |      |        |    |   |  |  |
| LB   | Light blow                        |    |     | 1  |       |      |        |    |   |  |  |
| MAH  | Magazine assembles hard           |    |     |    |       |      |        | 3  |   |  |  |
| MCSO | Magazine cap shot off             |    |     |    |       |      |        |    |   |  |  |
| MCW  | Magazine capacity wrong           | 1  |     | 2  |       |      | 4      |    |   |  |  |
| MFA  | Misfires (ammo)                   |    |     |    |       |      |        |    |   |  |  |
| MFOP | Magazine follower out of position |    |     |    |       |      |        |    |   |  |  |
| ML   | Magazine loose                    |    |     |    |       |      |        |    |   |  |  |
| MLH  | Magazine loads hard               |    |     |    |       |      |        |    |   |  |  |
| MRH  | Magazine removes hard             |    |     |    |       |      |        | 1  |   |  |  |
| OH   | Opens hard                        | 9  | 25  | 10 |       |      |        | 4  |   |  |  |
| OR   | Over-rides                        | 26 | 102 | 2  |       |      | 9      | 35 |   |  |  |
| PH   | Pulls hard                        |    |     |    |       |      |        |    |   |  |  |
| PSI  | Proof stamp illegible             |    |     |    |       |      |        |    |   |  |  |
| PSM  | Proof stamp missing               |    |     |    |       |      |        |    |   |  |  |
| RBOC | Rings and bulges on case          |    |     |    |       |      |        |    |   |  |  |
| RDW  | (Action) release doesn't work     |    |     |    |       |      |        |    |   |  |  |
| RIC  | Rings in chamber                  | 16 | 38  | 20 |       | 52   | 2      |    |   |  |  |

## Gallery Performance Report

Proof Test Target

|        |   |     |     |                            |       |      |        |    |   |  |  |
|--------|---|-----|-----|----------------------------|-------|------|--------|----|---|--|--|
| RIS    | Ring in sholder                           | 5   | 11  | 10                         |       |      |        |    |   |  |  |
| RS     | Rim srem                                  |     | 6   |                            |       |      |        |    |   |  |  |
| SBC    | Stems bottom chambers                     | 2   | 22  | Gallery Performance Report |       |      |        |    |   |  |  |
| SBE    | Stems bbl extension                       |     |     |                            | Proof | Test | Target |    |   |  |  |
| SCB    | Stock cracked or broken                   |     |     |                            |       |      |        |    |   |  |  |
| SCX    | Shell catches                             |     |     |                            |       |      |        |    |   |  |  |
| SHI    | Short indent                              |     | 2   |                            |       |      |        |    |   |  |  |
| SI     | Stems incline                             | 5   | 14  | 2                          |       | 2    |        | 4  |   |  |  |
| SIC    | Stems in chamber                          |     | 8   |                            |       |      |        |    |   |  |  |
| SL     | shaves lead                               |     |     |                            |       |      |        |    |   |  |  |
| SLC    | Stems left side of chamber                | 3   | 4   |                            |       | 5    |        |    |   |  |  |
| SMOC   | Stretch marks on case                     |     |     |                            |       |      |        |    |   |  |  |
| SOR    | Stem over-ride                            |     | 6   |                            |       |      |        | 15 |   |  |  |
| SP     | Stems port                                |     |     |                            |       |      |        |    |   |  |  |
| SR     | Shoulder rough                            |     |     |                            |       |      |        |    |   |  |  |
| SRC    | Stems right side of chamber               | 14  | 8   |                            |       | 1    |        |    |   |  |  |
| SRIC   | Specific rings in chamber                 |     |     |                            |       |      |        |    |   |  |  |
| SSC    | shell stems carrier                       |     |     |                            |       |      |        |    |   |  |  |
| SSOC   | Surface scratches on case                 |     |     |                            |       |      |        |    |   |  |  |
| STC    | Stems top chamber                         | 1   | 1   |                            |       |      |        |    |   |  |  |
| SWE    | Safety switch works too easily            |     |     |                            |       |      |        |    |   |  |  |
| SWH    | Safety switch works too hard              |     |     |                            |       |      |        |    |   |  |  |
| SWW    | Safety ewitxh won't work                  |     |     |                            |       |      |        |    |   |  |  |
| TD     | Tips down                                 |     |     |                            |       |      |        |    |   |  |  |
| TU     | Tips up                                   |     |     |                            |       |      |        |    |   |  |  |
| TWP    | Trigger won't pull                        |     |     |                            |       |      |        |    |   |  |  |
| TWR    | Trigger won't retract                     |     |     |                            |       |      |        |    |   |  |  |
| UNCN-T | Uncoded                                   | 16  | 17  | 22                         | 5     | 15   |        |    | 5 |  |  |
| XH     | Extracts hard                             | 3   | 29  | 5                          |       |      |        |    |   |  |  |
| XHB    | Extractor hits bbl                        |     |     |                            |       |      |        |    |   |  |  |
|        |   |     |     |                            |       |      |        |    |   |  |  |
| HI     | High                                      |     |     |                            |       |      |        |    |   |  |  |
| LO     | Low                                       |     |     |                            |       |      |        |    |   |  |  |
| LEFT   | Left                                      |     |     |                            |       |      |        |    |   |  |  |
| RIGHT  | Right                                     |     |     |                            |       |      |        |    |   |  |  |
| DG     | Doesn't Group                             | 198 | 700 | 191                        | 125   | 34   |        |    |   |  |  |
| FSST   | Front sight tipped                        |     | 24  |                            |       |      |        |    |   |  |  |
| RSTT   | Rear sight tipped                         |     |     |                            |       |      |        |    |   |  |  |
| RSBR   | Rear sight base raised                    |     |     |                            |       |      |        |    |   |  |  |
| FSTR   | Front sight raised                        |     |     |                            |       |      |        |    |   |  |  |
| FSTL   | Front sight loose                         |     |     |                            |       |      |        |    |   |  |  |
| RSTL   | Rear sight loose                          |     |     |                            |       |      |        |    |   |  |  |
| MGPT-G | Missing parts at target                   |     |     |                            |       |      |        |    |   |  |  |
| UNCN-G | Uncoded nonconformity at target           |     |     |                            |       |      |        |    |   |  |  |
|        |   |     |     |                            |       |      |        |    |   |  |  |
| AI-P   | Assembly incompelye at proof              | 6   |     |                            |       |      |        | 1  |   |  |  |
| BBB    | Barrel bracket cracked or broken at proof |     |     |                            |       |      |        |    |   |  |  |
| BC-P   | Blows cases at proof                      |     |     |                            |       |      |        |    |   |  |  |
| BEB-P  | Barrel extension broken at proof          |     |     |                            |       |      |        |    |   |  |  |
| BLP-P  | Blanked primer at proof                   |     |     |                            |       |      |        |    |   |  |  |
| BLSO-P | Barrel lug shot off at proof              |     |     |                            |       |      |        |    |   |  |  |
| BP-P   | Blown primer at proof                     |     |     | 8                          |       |      |        |    |   |  |  |
| BS-P   | Barrel split at proof                     |     |     |                            |       |      |        |    |   |  |  |
| DLOS-P | Doesn't lock over shells at proof         |     |     |                            |       |      |        |    |   |  |  |
| ESB-P  | Ejector sticks back at proof              |     |     |                            |       |      |        | 1  |   |  |  |

|        |                                  |    |     |    |   |   |  |  |   |  |  |
|--------|----------------------------------|----|-----|----|---|---|--|--|---|--|--|
| FCB-P  | Fore-end cracked at proof        |    |     |    |   |   |  |  |   |  |  |
| FESO-P | Fore-end shot off at proof       |    |     |    |   |   |  |  |   |  |  |
| FF-P   | Fails to fire at proof           |    |     |    |   |   |  |  |   |  |  |
| GCSO-P | Gas cylinder shot off at proof   |    |     |    |   |   |  |  |   |  |  |
| GRSO-P | Guide ring shot off at proof     |    |     |    |   |   |  |  |   |  |  |
| MCSO-P | Magazine cap shot off at proof   |    |     |    |   |   |  |  |   |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl |    |     |    |   |   |  |  |   |  |  |
| MSM-P  | Magnaflux stamp missing on bbl   |    | 1   |    |   |   |  |  |   |  |  |
| PP-P   | Pierced primer at proof          | 11 | 120 | 41 | 2 | 6 |  |  |   |  |  |
| SCB-P  | Stock cracked or broken at proof |    |     |    |   |   |  |  |   |  |  |
| UNCM-P | Uncoded proof malfunctions       | 2  | 52  | 22 | 3 |   |  |  | 1 |  |  |



|                |                                    |              |               |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|---------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>21636</b> | <b>Month:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>4448</b>  |               |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>20.56</b> |               |  |  |  |  |  |  |  |

|               |           |      |      |      |      |     |      |     |      |   |   |
|---------------|-----------|------|------|------|------|-----|------|-----|------|---|---|
| <b>Proof</b>  | Shot:     | 4766 | 8059 | 4957 | 616  | 17  | 2728 | 94  | 152  |   |   |
|               | Rejected: | 10   | 21   | 21   | 0    | 0   | 9    | 0   | 0    | 0 | 0 |
|               | Percent:  | 0.2  | 0.3  | 0.4  | 0.0  | 0.0 | 0.3  | 0.0 | 0.0  |   |   |
| <b>Test</b>   | Shot:     | 5579 | 7332 | 4632 | 756  |     | 2825 | 94  | 357  |   |   |
|               | Rejected: | 620  | 462  | 309  | 30   | 0   | 474  | 1   | 45   | 0 | 0 |
|               | Percent:  | 11.1 | 6.3  | 6.7  | 4.0  |     | 16.8 | 1.1 | 12.6 |   |   |
| <b>Target</b> | Shot:     | 3715 | 9201 | 3189 | 756  |     | 37   |     |      |   |   |
|               | Rejected: | 306  | 1587 | 272  | 281  | 0   | 0    | 0   | 0    | 0 | 0 |
|               | Percent:  | 8.2  | 17.2 | 8.5  | 37.2 |     | 0.0  |     |      |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 M/L |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|---------|--|
| AB    | Action binds                             | 1       |         |        |         |       | 2    |      |         |         |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |         |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |         |  |
| BAC   | Burr at chamber                          | 40      | 23      | 8      | 7       |       |      |      |         |         |  |
| BBMA  | BBL-to-bolt misalignment                 |         | 1       | 2      |         |       |      |      |         |         |  |
| BB    | Bolt binds/catches                       | 30      | 24      | 24     | 4       |       |      |      |         |         |  |
| BCOBS | Bolt catches on bolt stop                |         |         | 1      |         |       |      |      |         |         |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |         |  |
| BCOF  | Bolt catches on follower                 |         | 2       |        |         |       |      |      |         |         |  |
| BCOF  | Blows cases                              |         |         |        |         |       |      |      |         |         |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |         |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |         |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |         |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |         |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |         |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |         |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |         |  |
| BWCD  | Bolt won't cam down                      | 15      | 5       | 3      |         |       |      |      |         |         |  |
| BWCFM | Bolt won't close over full magazine      | 36      | 7       | 14     |         |       |      |      |         |         |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |         |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |         |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |         |  |
| CD    | Case dented                              | 1       | 1       | 2      |         |       |      |      |         |         |  |
| CH    | Closes hard                              | 65      | 85      | 45     | 3       |       |      |      |         |         |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |         |  |
| CLM   | Can't load magazine                      | 1       | 1       | 1      |         |       | 1    |      |         |         |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |         |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |         |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |         |  |
| CTOG  | Chamber torn or gouged                   |         | 1       | 1      |         |       |      |      |         |         |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |         |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |         |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 54   |      |         |         |  |
| DCS   | Double click in safety switch            |         |         |        |         |       |      |      | 3       |         |  |
| DCT   | Double click in trigger                  |         |         |        |         |       |      |      |         |         |  |
| DCU   | Doesn't close-up                         |         |         | 1      |         |       | 4    |      |         |         |  |
| DE    | Doesn't eject                            | 7       | 34      | 32     | 12      |       | 22   |      |         |         |  |
| DEL   | Doesn't eject live round                 |         | 11      | 1      |         |       |      |      |         |         |  |
| DFB   | Doesn't feed back                        |         |         |        |         |       |      |      |         |         |  |
| DFU   | Doesn't feed up                          |         |         |        |         |       | 13   |      | 27      |         |  |
| DLO   | Doesn't lock open (after last shell)     |         |         |        |         |       | 28   |      |         |         |  |

|      |                                   |     |    |    |       |      |        |    |   |   |  |
|------|-----------------------------------|-----|----|----|-------|------|--------|----|---|---|--|
| DLU  | Doesn't lock-up                   |     |    |    |       |      | 54     |    | 1 |   |  |
| DS   | Dead safe                         | 1   | 7  | 7  |       |      |        |    |   |   |  |
| DSM  | Drops shell-magazine              |     |    |    |       |      |        |    |   |   |  |
| DTL  | Doesn't trip latch                |     |    |    |       |      |        |    |   |   |  |
| DX   | Doesn't extract                   | 14  | 1  | 5  | Proof | Test | Target | 5  |   |   |  |
| DXL  | Doesn't extract live round        |     | 2  |    |       |      |        |    | 1 |   |  |
| EDS  | Extractor drops shell             | 5   | 8  | 1  |       |      |        |    | 2 |   |  |
| ESB  | Ejector sticks back               | 7   | 12 | 6  |       |      |        |    |   |   |  |
| ESCR | Empty shell catches receiver      | 1   |    |    |       |      |        |    |   |   |  |
| ESS  | Extractor stems shell             |     |    |    |       |      |        |    |   |   |  |
| FA   | Fires automatically               |     |    |    |       |      |        |    |   |   |  |
| FB   | Follower binds                    | 1   |    |    |       |      |        | 1  | 1 |   |  |
| FC   | Fails to connect                  |     |    |    |       |      |        | 17 | 2 |   |  |
| FCB  | Fore-end cracked or broken        |     |    |    |       |      |        |    |   |   |  |
| FD   | Follows-down                      |     |    |    |       |      |        |    |   |   |  |
| FF   | Fails to fire                     | 1   | 5  | 3  |       |      |        | 3  | 1 | 2 |  |
| FFM  | Fails to feed from magazine       |     |    |    |       |      |        |    |   |   |  |
| FFP  | Flat firing pin                   |     |    |    |       |      |        |    |   |   |  |
| FOS  | Fires on safe                     |     |    |    |       |      |        |    |   |   |  |
| FPHB | Firing pin hits bbl               |     |    |    |       |      |        |    |   |   |  |
| FPHI | Firing pin hits inside rim        |     |    |    |       |      |        |    |   |   |  |
| FPO  | Floor plate opens                 |     | 28 |    |       | 3    |        |    |   |   |  |
| FPOH | Floor plate opens hard            |     |    |    |       |      |        |    |   |   |  |
| FSR  | Fires when safe is released       |     |    |    |       |      |        |    |   |   |  |
| FT   | Follower tips                     | 202 | 14 | 33 |       |      |        |    |   |   |  |
| GCSO | Gas cyl shot off                  |     |    |    |       |      |        |    |   |   |  |
| GRSO | Guide ring shot off               |     |    |    |       |      |        |    |   |   |  |
| HBL  | Heavy bolt lift                   | 15  | 35 | 9  |       |      |        |    |   |   |  |
| HMSC | Heading mismatch-steps on case    |     |    |    |       |      |        |    |   |   |  |
| HPA  | High pressure ammo                |     |    |    |       |      |        |    |   |   |  |
| HUE  | Hard under extractor              |     |    |    |       |      |        |    | 1 |   |  |
| HUR  | Hard under rail                   | 6   | 2  |    |       |      |        |    |   |   |  |
| ILOP | Int. latch out of position        |     |    |    |       |      |        |    |   |   |  |
| ILRM | Int. latch ret. Missing           |     |    |    |       |      |        |    |   |   |  |
| ILSB | Int. latch stud broken            |     |    |    |       |      |        |    |   |   |  |
| ILSP | Int. latch spring out of position |     |    |    |       |      |        |    |   |   |  |
| JCS  | Jumps cartridge                   |     |    |    |       |      |        |    |   |   |  |
| JL   | Jumps latch                       |     |    |    |       |      |        |    |   |   |  |
| JM   | Jumps magazine                    | 3   | 12 | 11 |       |      |        | 15 |   |   |  |
| JO   | Jars off                          |     |    |    |       |      |        |    |   |   |  |
| LB   | Light blow                        |     |    |    |       |      |        |    | 4 |   |  |
| MAH  | Magazine assembles hard           |     |    |    |       |      |        |    |   |   |  |
| MCSO | Magazine cap shot off             |     |    |    |       |      |        |    |   |   |  |
| MCW  | Magazine capacity wrong           |     | 2  | 2  |       |      |        |    |   |   |  |
| MFA  | Misfires (ammo)                   |     |    |    |       |      |        |    |   |   |  |
| MFOP | Magazine follower out of position |     | 1  |    |       |      |        |    |   |   |  |
| ML   | Magazine loose                    |     |    |    |       |      |        |    |   |   |  |
| MLH  | Magazine loads hard               |     |    |    |       |      |        |    |   |   |  |
| MRH  | Magazine removes hard             |     |    |    |       |      |        | 59 |   |   |  |
| OH   | Opens hard                        | 4   | 8  | 7  |       |      |        | 6  |   |   |  |
| OR   | Over-rides                        | 37  | 5  | 10 |       | 1    |        | 67 |   |   |  |
| PH   | Pulls hard                        |     |    |    |       |      |        |    |   |   |  |
| PSI  | Proof stamp illegible             |     |    |    |       |      |        |    |   |   |  |
| PSM  | Proof stamp missing               |     |    |    |       |      |        |    |   |   |  |
| RBOC | Rings and bulges on case          |     |    |    |       |      |        |    |   |   |  |
| RDW  | (Action) release doesn't work     |     |    |    |       |      |        |    |   |   |  |
| RIC  | Rings in chamber                  | 99  | 71 | 69 |       |      |        |    |   |   |  |

## Gallery Performance Report

Proof Test Target

|        |   |     |      |     |     |  |    |  |   |  |
|--------|---|-----|------|-----|-----|--|----|--|---|--|
| RIS    | Ring in sholder                           |     | 14   |     |     |  |    |  |   |  |
| RS     | Rim srem                                  |     |      |     |     |  |    |  |   |  |
| SBC    | Stems bottom chambers                     |     |      |     |     |  |    |  |   |  |
| SBE    | Stems bbl extension                       |     |      |     |     |  |    |  |   |  |
| SCB    | Stock cracked or broken                   |     | 1    |     |     |  |    |  |   |  |
| SCX    | Shell catches                             |     |      |     |     |  |    |  |   |  |
| SHI    | Short indent                              |     |      |     |     |  |    |  |   |  |
| SI     | Stems incline                             | 14  | 26   |     |     |  | 19 |  |   |  |
| SIC    | Stems in chamber                          | 2   |      |     |     |  | 4  |  |   |  |
| SL     | shaves lead                               |     |      |     |     |  |    |  |   |  |
| SLC    | Stems left side of chamber                |     |      |     |     |  | 2  |  |   |  |
| SMOC   | Stretch marks on case                     |     |      |     |     |  |    |  |   |  |
| SOR    | Stem over-ride                            | 1   | 1    | 1   |     |  | 85 |  |   |  |
| SP     | Stems port                                |     |      |     |     |  |    |  |   |  |
| SR     | Shoulder rough                            |     |      |     |     |  |    |  |   |  |
| SRC    | Stems right side of chamber               | 2   |      |     |     |  |    |  |   |  |
| SRIC   | Specific rings in chamber                 |     |      |     |     |  |    |  |   |  |
| SSC    | shell stems carrier                       |     |      |     |     |  |    |  |   |  |
| SSOC   | Surface scratches on case                 |     |      |     |     |  |    |  |   |  |
| STC    | Stems top chamber                         |     | 1    |     |     |  | 10 |  |   |  |
| SWE    | Safety switch works too easily            |     |      |     |     |  |    |  |   |  |
| SWH    | Safety switch works too hard              |     | 1    |     |     |  |    |  |   |  |
| SWW    | Safety ewitxh won't work                  | 1   |      | 1   |     |  |    |  |   |  |
| TD     | Tips down                                 |     |      |     |     |  |    |  |   |  |
| TU     | Tips up                                   |     |      |     |     |  |    |  |   |  |
| TWP    | Trigger won't pull                        |     |      |     |     |  |    |  |   |  |
| TWR    | Trigger won't retract                     |     |      |     |     |  |    |  |   |  |
| UNCN-T | Uncoded                                   | 1   | 3    | 1   |     |  | 3  |  | 1 |  |
| XH     | Extracts hard                             | 7   | 7    | 8   |     |  |    |  |   |  |
| XHB    | Extractor hits bbl                        |     |      |     |     |  |    |  |   |  |
|        |   |     |      |     |     |  |    |  |   |  |
| HI     | High                                      |     |      |     |     |  |    |  |   |  |
| LO     | Low                                       |     |      |     |     |  |    |  |   |  |
| LEFT   | Left                                      |     |      |     |     |  |    |  |   |  |
| RIGHT  | Right                                     |     | 1    |     |     |  |    |  |   |  |
| DG     | Doesn't Group                             | 306 | 1585 | 272 | 281 |  |    |  |   |  |
| FSST   | Front sight tipped                        |     | 1    |     |     |  |    |  |   |  |
| RSTT   | Rear sight tipped                         |     |      |     |     |  |    |  |   |  |
| RSBR   | Rear sight base raised                    |     |      |     |     |  |    |  |   |  |
| FSTR   | Front sight raised                        |     |      |     |     |  |    |  |   |  |
| FSTL   | Front sight loose                         |     |      |     |     |  |    |  |   |  |
| RSTL   | Rear sight loose                          |     |      |     |     |  |    |  |   |  |
| MGPT-G | Missing parts at target                   |     |      |     |     |  |    |  |   |  |
| UNCN-G | Uncoded nonconformity at target           |     |      |     |     |  |    |  |   |  |
|        |   |     |      |     |     |  |    |  |   |  |
| AI-P   | Assembly incompelye at proof              | 3   | 1    |     |     |  | 1  |  |   |  |
| BBB    | Barrel bracket cracked or broken at proof |     |      |     |     |  |    |  |   |  |
| BC-P   | Blows cases at proof                      |     |      |     |     |  |    |  |   |  |
| BEB-P  | Barrel extension broken at proof          |     |      |     |     |  |    |  |   |  |
| BLP-P  | Blanked primer at proof                   |     |      |     |     |  |    |  |   |  |
| BLSO-P | Barrel lug shot off at proof              |     |      |     |     |  |    |  |   |  |
| BP-P   | Blown primer at proof                     |     |      |     |     |  |    |  |   |  |
| BS-P   | Barrel split at proof                     |     |      |     |     |  |    |  |   |  |
| DLOS-P | Doesn't lock over shells at proof         |     |      |     |     |  |    |  |   |  |
| ESB-P  | Ejector sticks back at proof              | 1   |      |     |     |  | 2  |  |   |  |

|        |                                  |   |    |                            |       |      |        |   |  |  |  |
|--------|----------------------------------|---|----|----------------------------|-------|------|--------|---|--|--|--|
| FCB-P  | Fore-end cracked at proof        |   |    |                            |       |      | 1      |   |  |  |  |
| FESO-P | Fore-end shot off at proof       |   |    |                            |       |      |        |   |  |  |  |
| FF-P   | Fails to fire at proof           |   | 1  | Gallery Performance Report |       |      |        | 3 |  |  |  |
| GCSO-P | Gas cylinder shot off at proof   |   |    |                            | Proof | Test | Target |   |  |  |  |
| GRSO-P | Guide ring shot off at proof     |   |    |                            |       |      |        |   |  |  |  |
| MCSO-P | Magazine cap shot off at proof   |   |    |                            |       |      |        |   |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl |   |    |                            |       |      |        |   |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl   | 1 |    |                            |       |      |        |   |  |  |  |
| PP-P   | Pierced primer at proof          |   |    |                            |       |      |        |   |  |  |  |
| SCB-P  | Stock cracked or broken at proof |   |    |                            |       |      |        |   |  |  |  |
| UNCM-P | Uncoded proof malfunctions       | 5 | 19 | 20                         |       |      |        | 2 |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|                |                                    |              |                             |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|-----------------------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>1123</b>  | <b>Test Date: 7/31/2002</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>183</b>   |                             |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>16.30</b> |                             |  |  |  |  |  |  |  |

|               |           |      |     |      |     |     |   |     |    |     |
|---------------|-----------|------|-----|------|-----|-----|---|-----|----|-----|
| <b>Proof</b>  | Shot:     | 183  | 140 | 528  | 2   | 128 |   |     |    |     |
|               | Rejected: | 0    | 0   | 4    | 0   | 0   | 0 | 0   | 0  | 0   |
|               | Percent:  | 0.0  | 0.0 | 0.8  | 0.0 | 0.0 |   |     |    |     |
| <b>Test</b>   | Shot:     | 192  | 113 | 596  | 43  | 128 |   |     | 47 |     |
|               | Rejected: | 26   | 9   | 102  | 0   | 0   | 0 | 2   | 0  | 2   |
|               | Percent:  | 13.5 | 8.0 | 17.1 | 0.0 | 0.0 |   | 1.6 |    | 4.3 |
| <b>Target</b> | Shot:     | 73   | 56  | 479  | 1   | 12  |   |     |    |     |
|               | Rejected: | 0    | 0   | 38   | 0   | 0   | 0 | 0   | 0  | 0   |
|               | Percent:  | 0.0  | 0.0 | 7.9  | 0.0 | 0.0 |   | 0.0 |    |     |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|--|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |  |
| BAC   | Burr at chamber                          | 4       | 1       | 16     |         |       |      |      |         |        |  |
| BBMA  | BBL-to-bolt misalignment                 |         |         |        |         |       |      |      |         |        |  |
| BB    | Bolt binds/catches                       |         |         | 1      |         |       |      |      |         |        |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |        |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |  |
| BWCD  | Bolt won't cam down                      |         |         |        |         |       |      |      |         |        |  |
| BWCFM | Bolt won't close over full magazine      |         |         | 2      |         |       |      |      |         |        |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |  |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |        |  |
| CH    | Closes hard                              |         |         | 5      |         |       |      |      |         |        |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |  |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |        |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |  |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       |      |      |         |        |  |

# Gallery Performance Report

Proof - Test - Target

|      |                                      |   |   |    |  |  |  |   |  |  |  |
|------|--------------------------------------|---|---|----|--|--|--|---|--|--|--|
| DCS  | Double click in safety switch        |   |   |    |  |  |  |   |  |  |  |
| DCT  | Double click in trigger              |   |   |    |  |  |  |   |  |  |  |
| DCU  | Doesn't close-up                     |   |   |    |  |  |  |   |  |  |  |
| DE   | Doesn't eject                        |   |   | 1  |  |  |  |   |  |  |  |
| DEL  | Doesn't eject live round             |   |   | 2  |  |  |  |   |  |  |  |
| DFB  | Doesn't feed back                    |   |   |    |  |  |  |   |  |  |  |
| DFU  | Doesn't feed up                      |   |   |    |  |  |  |   |  |  |  |
| DLO  | Doesn't lock open (after last shell) |   |   |    |  |  |  |   |  |  |  |
| DLU  | Doesn't lock-up                      |   |   |    |  |  |  |   |  |  |  |
| DS   | Dead safe                            |   |   |    |  |  |  |   |  |  |  |
| DSM  | Drops shell-magazine                 |   |   |    |  |  |  |   |  |  |  |
| DTL  | Doesn't trip latch                   |   |   |    |  |  |  |   |  |  |  |
| DX   | Doesn't extract                      |   |   |    |  |  |  | 1 |  |  |  |
| DXL  | Doesn't extract live round           |   |   |    |  |  |  |   |  |  |  |
| EDS  | Extractor drops shell                | 3 |   | 6  |  |  |  |   |  |  |  |
| ESB  | Ejector sticks back                  |   |   | 13 |  |  |  |   |  |  |  |
| ESCR | Empty shell catches receiver         |   |   |    |  |  |  |   |  |  |  |
| ESS  | Extractor stems shell                |   |   |    |  |  |  |   |  |  |  |
| FA   | Fires automatically                  |   |   |    |  |  |  |   |  |  |  |
| FB   | Follower binds                       |   |   |    |  |  |  |   |  |  |  |
| FC   | Fails to connect                     |   |   |    |  |  |  |   |  |  |  |
| FCB  | Fore-end cracked or broken           |   |   |    |  |  |  |   |  |  |  |
| FD   | Follows-down                         |   |   |    |  |  |  |   |  |  |  |
| FF   | Fails to fire                        |   |   |    |  |  |  |   |  |  |  |
| FFM  | Fails to feed from magazine          |   |   |    |  |  |  |   |  |  |  |
| FFP  | Flat firing pin                      |   |   |    |  |  |  |   |  |  |  |
| FOS  | Fires on safe                        |   |   |    |  |  |  |   |  |  |  |
| FPHB | Firing pin hits bbl                  |   |   |    |  |  |  |   |  |  |  |
| FPHI | Firing pin hits inside rim           |   |   |    |  |  |  |   |  |  |  |
| FPO  | Floor plate opens                    |   | 1 | 7  |  |  |  |   |  |  |  |
| FPOH | Floor plate opens hard               |   |   |    |  |  |  |   |  |  |  |
| FSR  | Fires when safe is released          |   |   |    |  |  |  |   |  |  |  |
| FT   | Follower tips                        |   |   | 1  |  |  |  |   |  |  |  |
| GCSO | Gas cyl shot off                     |   |   |    |  |  |  |   |  |  |  |
| GRSO | Guide ring shot off                  |   |   |    |  |  |  |   |  |  |  |
| HBL  | Heavy bolt lift                      |   |   | 25 |  |  |  |   |  |  |  |
| HMSC | Heading mismatch-steps on case       |   |   |    |  |  |  |   |  |  |  |
| HPA  | High pressure ammo                   |   |   |    |  |  |  |   |  |  |  |
| HUE  | Hard under extractor                 |   |   |    |  |  |  |   |  |  |  |
| HUR  | Hard under rail                      |   |   |    |  |  |  |   |  |  |  |
| ILOP | Int. latch out of position           |   |   |    |  |  |  |   |  |  |  |
| ILRM | Int. latch ret. Missing              |   |   |    |  |  |  |   |  |  |  |
| ILSB | Int. latch stud broken               |   |   |    |  |  |  |   |  |  |  |
| ILSP | Int. latch spring out of position    |   |   |    |  |  |  |   |  |  |  |
| JCS  | Jumps cartridge                      |   |   |    |  |  |  |   |  |  |  |
| JL   | Jumps latch                          |   |   |    |  |  |  |   |  |  |  |
| JM   | Jumps magazine                       | 3 | 1 | 9  |  |  |  |   |  |  |  |
| JO   | Jars off                             |   |   |    |  |  |  |   |  |  |  |
| LB   | Light blow                           |   |   |    |  |  |  |   |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |                                   |    |   |   |  |  |   |  |  |   |  |
|--------|-----------------------------------|----|---|---|--|--|---|--|--|---|--|
| MAH    | Magazine assembles hard           |    |   |   |  |  |   |  |  |   |  |
| MCSO   | Magazine cap shot off             |    |   |   |  |  |   |  |  |   |  |
| MCW    | Magazine capacity wrong           |    |   |   |  |  |   |  |  |   |  |
| MFA    | Misfires (ammo)                   | 1  |   |   |  |  |   |  |  |   |  |
| MFOP   | Magazine follower out of position |    |   |   |  |  |   |  |  |   |  |
| ML     | Magazine loose                    |    |   |   |  |  |   |  |  |   |  |
| MLH    | Magazine loads hard               |    |   |   |  |  |   |  |  |   |  |
| MRH    | Magazine removes hard             |    |   |   |  |  |   |  |  |   |  |
| OH     | Opens hard                        |    |   | 1 |  |  |   |  |  |   |  |
| OR     | Over-rides                        | 12 | 3 | 5 |  |  |   |  |  |   |  |
| PH     | Pulls hard                        |    |   |   |  |  |   |  |  |   |  |
| PSI    | Proof stamp illegible             |    |   |   |  |  |   |  |  |   |  |
| PSM    | Proof stamp missing               |    |   |   |  |  |   |  |  |   |  |
| RBOC   | Rings and bulges on case          |    |   |   |  |  |   |  |  |   |  |
| RDW    | (Action) release doesn't work     |    |   |   |  |  |   |  |  |   |  |
| RIC    | Rings in chamber                  |    | 3 | 2 |  |  |   |  |  |   |  |
| RIS    | Ring in sholder                   | 2  |   | 1 |  |  |   |  |  |   |  |
| RS     | Rim srem                          |    |   |   |  |  |   |  |  |   |  |
| SBC    | Stems bottom chambers             |    |   |   |  |  |   |  |  |   |  |
| SBE    | Stems bbl extension               |    |   |   |  |  |   |  |  |   |  |
| SCB    | Stock cracked or broken           |    |   | 3 |  |  |   |  |  |   |  |
| SCX    | Shell catches                     |    |   |   |  |  |   |  |  |   |  |
| SHI    | Short indent                      |    |   |   |  |  |   |  |  |   |  |
| SI     | Stems incline                     |    |   |   |  |  |   |  |  |   |  |
| SIC    | Stems in chamber                  |    |   |   |  |  |   |  |  |   |  |
| SL     | shaves lead                       |    |   |   |  |  |   |  |  |   |  |
| SLC    | Stems left side of chamber        |    |   |   |  |  | 1 |  |  |   |  |
| SMOC   | Stretch marks on case             |    |   |   |  |  |   |  |  |   |  |
| SOR    | Stem over-ride                    |    |   |   |  |  |   |  |  |   |  |
| SP     | Stems port                        |    |   |   |  |  |   |  |  |   |  |
| SR     | Shoulder rough                    |    |   |   |  |  |   |  |  |   |  |
| SRC    | Stems right side of chamber       |    |   |   |  |  |   |  |  |   |  |
| SRIC   | Specific rings in chamber         |    |   |   |  |  |   |  |  |   |  |
| SSC    | shell stems carrier               |    |   |   |  |  |   |  |  |   |  |
| SSOC   | Surface scratches on case         |    |   |   |  |  |   |  |  |   |  |
| STC    | Stems top chamber                 |    |   |   |  |  |   |  |  |   |  |
| SWE    | Safety switch works too easily    |    |   | 1 |  |  |   |  |  |   |  |
| SWH    | Safety switch works too hard      |    |   |   |  |  |   |  |  |   |  |
| SWW    | Safety ewitxh won't work          |    |   |   |  |  |   |  |  |   |  |
| TD     | Tips down                         |    |   |   |  |  |   |  |  |   |  |
| TU     | Tips up                           |    |   |   |  |  |   |  |  |   |  |
| TWP    | Trigger won't pull                |    |   |   |  |  |   |  |  |   |  |
| TWR    | Trigger won't retract             |    |   |   |  |  |   |  |  |   |  |
| UNCN-T | Uncoded                           | 1  |   | 1 |  |  |   |  |  | 2 |  |
| XH     | Extracts hard                     |    |   |   |  |  |   |  |  |   |  |
| XHB    | Extractor hits bbl                |    |   |   |  |  |   |  |  |   |  |
|        |                                   |    |   |   |  |  |   |  |  |   |  |
| HI     | High                              |    |   |   |  |  |   |  |  |   |  |

# Gallery Performance Report

Proof - Test - Target

|        |   |  |  |    |  |  |  |  |  |  |  |
|--------|---|--|--|----|--|--|--|--|--|--|--|
| LO     | Low                                       |  |  |    |  |  |  |  |  |  |  |
| LEFT   | Left                                      |  |  |    |  |  |  |  |  |  |  |
| RIGHT  | Right                                     |  |  |    |  |  |  |  |  |  |  |
| DG     | Doesn't Group                             |  |  | 38 |  |  |  |  |  |  |  |
| FSST   | Front sight tipped                        |  |  |    |  |  |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |  |  |    |  |  |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |  |  |    |  |  |  |  |  |  |  |
| FSTR   | Front sight raised                        |  |  |    |  |  |  |  |  |  |  |
| FSTL   | Front sight loose                         |  |  |    |  |  |  |  |  |  |  |
| RSTL   | Rear sight loose                          |  |  |    |  |  |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |  |  |    |  |  |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |  |  |    |  |  |  |  |  |  |  |
|        |   |  |  |    |  |  |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |  |  |    |  |  |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |  |  |    |  |  |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |  |  |    |  |  |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |  |  |    |  |  |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |  |  |    |  |  |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |  |  |    |  |  |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |  |  |    |  |  |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |  |  |    |  |  |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |  |  |    |  |  |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |  |  |    |  |  |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |  |  |    |  |  |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |  |  |    |  |  |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |  |  | 2  |  |  |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |  |  |    |  |  |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |  |  |    |  |  |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |  |  |    |  |  |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |  |  |    |  |  |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |  |  |    |  |  |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   |  |  | 2  |  |  |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |  |  |    |  |  |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                |  |  |    |  |  |  |  |  |  |  |



# Gallery Performance Report

Proof - Test - Target

|                |                                    |             |                   |                  |
|----------------|------------------------------------|-------------|-------------------|------------------|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>216</b>  | <b>Test Date:</b> | <b>6/29/2002</b> |
|                | <b>Total Rejected:</b>             | <b>10</b>   |                   |                  |
|                | <b>Overall Reject Rate:</b>        | <b>4.63</b> |                   |                  |

|               |           |     |     |     |     |     |   |   |   |   |   |
|---------------|-----------|-----|-----|-----|-----|-----|---|---|---|---|---|
| <b>Proof</b>  | Shot:     | 35  | 73  | 63  | 64  |     |   |   |   |   |   |
|               | Rejected: | 0   | 0   | 0   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |
|               | Percent:  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |   |   |   |   |   |
| <b>Test</b>   | Shot:     | 38  | 55  | 123 |     |     |   |   |   |   |   |
|               | Rejected: | 0   | 0   | 5   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |
|               | Percent:  | 0.0 | 0.0 | 4.1 |     |     |   |   |   |   |   |
| <b>Target</b> | Shot:     |     |     | 106 |     |     |   |   |   |   |   |
|               | Rejected: | 0   | 0   | 5   | 0   | 0   | 0 | 0 | 0 | 0 | 0 |
|               | Percent:  |     |     | 4.7 |     |     |   |   |   |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|--|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |  |
| BAC   | Burr at chamber                          |         |         |        |         | 1     |      |      |         |        |  |
| BBMA  | BBL-to-bolt misalignment                 |         |         |        |         |       |      |      |         |        |  |
| BB    | Bolt binds/catches                       |         |         |        |         |       |      |      |         |        |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |        |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |  |
| BWCD  | Bolt won't cam down                      |         |         |        |         |       |      |      |         |        |  |
| BWCFM | Bolt won't close over full magazine      |         |         |        |         |       |      |      |         |        |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |  |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |        |  |
| CH    | Closes hard                              |         |         |        |         |       |      |      |         |        |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |  |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |        |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |  |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       |      |      |         |        |  |

# Gallery Performance Report

Proof - Test - Target

|      |                                      |  |  |  |  |   |  |  |  |  |  |
|------|--------------------------------------|--|--|--|--|---|--|--|--|--|--|
| DCS  | Double click in safety switch        |  |  |  |  |   |  |  |  |  |  |
| DCT  | Double click in trigger              |  |  |  |  |   |  |  |  |  |  |
| DCU  | Doesn't close-up                     |  |  |  |  |   |  |  |  |  |  |
| DE   | Doesn't eject                        |  |  |  |  |   |  |  |  |  |  |
| DEL  | Doesn't eject live round             |  |  |  |  |   |  |  |  |  |  |
| DFB  | Doesn't feed back                    |  |  |  |  |   |  |  |  |  |  |
| DFU  | Doesn't feed up                      |  |  |  |  |   |  |  |  |  |  |
| DLO  | Doesn't lock open (after last shell) |  |  |  |  |   |  |  |  |  |  |
| DLU  | Doesn't lock-up                      |  |  |  |  |   |  |  |  |  |  |
| DS   | Dead safe                            |  |  |  |  |   |  |  |  |  |  |
| DSM  | Drops shell-magazine                 |  |  |  |  |   |  |  |  |  |  |
| DTL  | Doesn't trip latch                   |  |  |  |  |   |  |  |  |  |  |
| DX   | Doesn't extract                      |  |  |  |  |   |  |  |  |  |  |
| DXL  | Doesn't extract live round           |  |  |  |  |   |  |  |  |  |  |
| EDS  | Extractor drops shell                |  |  |  |  |   |  |  |  |  |  |
| ESB  | Ejector sticks back                  |  |  |  |  | 1 |  |  |  |  |  |
| ESCR | Empty shell catches receiver         |  |  |  |  |   |  |  |  |  |  |
| ESS  | Extractor stems shell                |  |  |  |  |   |  |  |  |  |  |
| FA   | Fires automatically                  |  |  |  |  |   |  |  |  |  |  |
| FB   | Follower binds                       |  |  |  |  |   |  |  |  |  |  |
| FC   | Fails to connect                     |  |  |  |  |   |  |  |  |  |  |
| FCB  | Fore-end cracked or broken           |  |  |  |  |   |  |  |  |  |  |
| FD   | Follows-down                         |  |  |  |  |   |  |  |  |  |  |
| FF   | Fails to fire                        |  |  |  |  |   |  |  |  |  |  |
| FFM  | Fails to feed from magazine          |  |  |  |  |   |  |  |  |  |  |
| FFP  | Flat firing pin                      |  |  |  |  |   |  |  |  |  |  |
| FOS  | Fires on safe                        |  |  |  |  |   |  |  |  |  |  |
| FPHB | Firing pin hits bbl                  |  |  |  |  |   |  |  |  |  |  |
| FPHI | Firing pin hits inside rim           |  |  |  |  |   |  |  |  |  |  |
| FPO  | Floor plate opens                    |  |  |  |  |   |  |  |  |  |  |
| FPOH | Floor plate opens hard               |  |  |  |  |   |  |  |  |  |  |
| FSR  | Fires when safe is released          |  |  |  |  |   |  |  |  |  |  |
| FT   | Follower tips                        |  |  |  |  |   |  |  |  |  |  |
| GCSO | Gas cyl shot off                     |  |  |  |  |   |  |  |  |  |  |
| GRSO | Guide ring shot off                  |  |  |  |  |   |  |  |  |  |  |
| HBL  | Heavy bolt lift                      |  |  |  |  | 2 |  |  |  |  |  |
| HMSC | Heading mismatch-steps on case       |  |  |  |  |   |  |  |  |  |  |
| HPA  | High pressure ammo                   |  |  |  |  |   |  |  |  |  |  |
| HUE  | Hard under extractor                 |  |  |  |  |   |  |  |  |  |  |
| HUR  | Hard under rail                      |  |  |  |  |   |  |  |  |  |  |
| ILOP | Int. latch out of position           |  |  |  |  |   |  |  |  |  |  |
| ILRM | Int. latch ret. Missing              |  |  |  |  |   |  |  |  |  |  |
| ILSB | Int. latch stud broken               |  |  |  |  |   |  |  |  |  |  |
| ILSP | Int. latch spring out of position    |  |  |  |  |   |  |  |  |  |  |
| JCS  | Jumps cartridge                      |  |  |  |  |   |  |  |  |  |  |
| JL   | Jumps latch                          |  |  |  |  |   |  |  |  |  |  |
| JM   | Jumps magazine                       |  |  |  |  |   |  |  |  |  |  |
| JO   | Jars off                             |  |  |  |  |   |  |  |  |  |  |
| LB   | Light blow                           |  |  |  |  |   |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |                                   |  |  |  |  |   |  |  |  |  |  |
|--------|-----------------------------------|--|--|--|--|---|--|--|--|--|--|
| MAH    | Magazine assembles hard           |  |  |  |  |   |  |  |  |  |  |
| MCSO   | Magazine cap shot off             |  |  |  |  |   |  |  |  |  |  |
| MCW    | Magazine capacity wrong           |  |  |  |  |   |  |  |  |  |  |
| MFA    | Misfires (ammo)                   |  |  |  |  |   |  |  |  |  |  |
| MFOP   | Magazine follower out of position |  |  |  |  |   |  |  |  |  |  |
| ML     | Magazine loose                    |  |  |  |  |   |  |  |  |  |  |
| MLH    | Magazine loads hard               |  |  |  |  |   |  |  |  |  |  |
| MRH    | Magazine removes hard             |  |  |  |  |   |  |  |  |  |  |
| OH     | Opens hard                        |  |  |  |  |   |  |  |  |  |  |
| OR     | Over-rides                        |  |  |  |  |   |  |  |  |  |  |
| PH     | Pulls hard                        |  |  |  |  |   |  |  |  |  |  |
| PSI    | Proof stamp illegible             |  |  |  |  |   |  |  |  |  |  |
| PSM    | Proof stamp missing               |  |  |  |  |   |  |  |  |  |  |
| RBOC   | Rings and bulges on case          |  |  |  |  |   |  |  |  |  |  |
| RDW    | (Action) release doesn't work     |  |  |  |  |   |  |  |  |  |  |
| RIC    | Rings in chamber                  |  |  |  |  | 1 |  |  |  |  |  |
| RIS    | Ring in sholder                   |  |  |  |  |   |  |  |  |  |  |
| RS     | Rim srem                          |  |  |  |  |   |  |  |  |  |  |
| SBC    | Stems bottom chambers             |  |  |  |  |   |  |  |  |  |  |
| SBE    | Stems bbl extension               |  |  |  |  |   |  |  |  |  |  |
| SCB    | Stock cracked or broken           |  |  |  |  |   |  |  |  |  |  |
| SCX    | Shell catches                     |  |  |  |  |   |  |  |  |  |  |
| SHI    | Short indent                      |  |  |  |  |   |  |  |  |  |  |
| SI     | Stems incline                     |  |  |  |  |   |  |  |  |  |  |
| SIC    | Stems in chamber                  |  |  |  |  |   |  |  |  |  |  |
| SL     | shaves lead                       |  |  |  |  |   |  |  |  |  |  |
| SLC    | Stems left side of chamber        |  |  |  |  |   |  |  |  |  |  |
| SMOC   | Stretch marks on case             |  |  |  |  |   |  |  |  |  |  |
| SOR    | Stem over-ride                    |  |  |  |  |   |  |  |  |  |  |
| SP     | Stems port                        |  |  |  |  |   |  |  |  |  |  |
| SR     | Shoulder rough                    |  |  |  |  |   |  |  |  |  |  |
| SRC    | Stems right side of chamber       |  |  |  |  |   |  |  |  |  |  |
| SRIC   | Specific rings in chamber         |  |  |  |  |   |  |  |  |  |  |
| SSC    | shell stems carrier               |  |  |  |  |   |  |  |  |  |  |
| SSOC   | Surface scratches on case         |  |  |  |  |   |  |  |  |  |  |
| STC    | Stems top chamber                 |  |  |  |  |   |  |  |  |  |  |
| SWE    | Safety switch works too easily    |  |  |  |  |   |  |  |  |  |  |
| SWH    | Safety switch works too hard      |  |  |  |  |   |  |  |  |  |  |
| SWW    | Safety ewitxh won't work          |  |  |  |  |   |  |  |  |  |  |
| TD     | Tips down                         |  |  |  |  |   |  |  |  |  |  |
| TU     | Tips up                           |  |  |  |  |   |  |  |  |  |  |
| TWP    | Trigger won't pull                |  |  |  |  |   |  |  |  |  |  |
| TWR    | Trigger won't retract             |  |  |  |  |   |  |  |  |  |  |
| UNCN-T | Uncoded                           |  |  |  |  |   |  |  |  |  |  |
| XH     | Extracts hard                     |  |  |  |  |   |  |  |  |  |  |
| XHB    | Extractor hits bbl                |  |  |  |  |   |  |  |  |  |  |
|        |                                   |  |  |  |  |   |  |  |  |  |  |
| HI     | High                              |  |  |  |  |   |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |   |  |  |  |  |   |  |  |  |  |  |
|--------|---|--|--|--|--|---|--|--|--|--|--|
| LO     | Low                                       |  |  |  |  |   |  |  |  |  |  |
| LEFT   | Left                                      |  |  |  |  |   |  |  |  |  |  |
| RIGHT  | Right                                     |  |  |  |  |   |  |  |  |  |  |
| DG     | Doesn't Group                             |  |  |  |  | 5 |  |  |  |  |  |
| FSST   | Front sight tipped                        |  |  |  |  |   |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |  |  |  |  |   |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |  |  |  |  |   |  |  |  |  |  |
| FSTR   | Front sight raised                        |  |  |  |  |   |  |  |  |  |  |
| FSTL   | Front sight loose                         |  |  |  |  |   |  |  |  |  |  |
| RSTL   | Rear sight loose                          |  |  |  |  |   |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |  |  |  |  |   |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |  |  |  |  |   |  |  |  |  |  |
|        |   |  |  |  |  |   |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |  |  |  |  |   |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |  |  |  |  |   |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |  |  |  |  |   |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |  |  |  |  |   |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |  |  |  |  |   |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |  |  |  |  |   |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |  |  |  |  |   |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |  |  |  |  |   |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |  |  |  |  |   |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |  |  |  |  |   |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |  |  |  |  |   |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |  |  |  |  |   |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |  |  |  |  |   |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |  |  |  |  |   |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |  |  |  |  |   |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |  |  |  |  |   |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |  |  |  |  |   |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |  |  |  |  |   |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   |  |  |  |  |   |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |  |  |  |  |   |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                |  |  |  |  |   |  |  |  |  |  |

|                |                                    |              |               |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|---------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>22832</b> | <b>Month:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>4415</b>  |               |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>19.34</b> |               |  |  |  |  |  |  |  |

|               |           |       |      |      |                       |      |      |      |      |   |   |
|---------------|-----------|-------|------|------|-----------------------|------|------|------|------|---|---|
| <b>Proof</b>  | Shot:     | 9321  | 5037 | 4218 | Proof - Test - Target | 2308 | 1092 | 1226 |      |   |   |
|               | Rejected: | 22    | 40   | 52   | 0                     | 37   | 2    | 2    | 0    | 0 | 0 |
|               | Percent:  | 0.2   | 0.8  | 1.2  | 0.0                   | 1.6  | 0.2  | 0.2  |      |   |   |
| <b>Test</b>   | Shot:     | 10202 | 4733 | 3576 | 16                    | 1429 | 1026 | 1352 | 343  |   |   |
|               | Rejected: | 1297  | 918  | 646  | 64                    | 409  | 191  | 19   | 85   | 0 | 0 |
|               | Percent:  | 12.7  | 19.4 | 18.1 | 400.0                 | 28.6 | 18.6 | 1.4  | 24.8 |   |   |
| <b>Target</b> | Shot:     | 6627  | 4368 | 2046 | 767                   | 958  | 35   | 13   |      |   |   |
|               | Rejected: | 241   | 175  | 123  | 37                    | 55   | 0    | 0    | 0    | 0 | 0 |
|               | Percent:  | 3.6   | 4.0  | 6.0  | 4.8                   | 5.7  | 0.0  | 0.0  |      |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 M/L |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|---------|--|
| AB    | Action binds                             | 2       |         |        |         |       | 1    | 9    |         |         |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |         |  |
| BABS  | Bulge at body shoulder                   | 1       |         |        |         |       |      |      |         |         |  |
| BAC   | Burr at chamber                          | 81      | 22      | 21     | 5       | 14    |      |      |         |         |  |
| BBMA  | BBL-to-bolt misalignment                 | 1       | 1       | 4      |         |       |      |      |         |         |  |
| BB    | Bolt binds/catches                       | 43      | 15      | 75     |         | 4     |      |      |         |         |  |
| BCOBS | Bolt catches on bolt stop                |         |         | 1      |         |       |      |      |         |         |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |         |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |         |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |         |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |         |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |         |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |         |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |         |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |         |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |         |  |
| BSSM  | Bolt stems shell in magazine             | 3       |         |        |         |       |      |      |         |         |  |
| BWCD  | Bolt won't cam down                      | 9       | 5       | 5      |         | 3     |      |      |         |         |  |
| BWCFM | Bolt won't close over full magazine      | 94      | 4       | 3      |         | 9     |      |      |         |         |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |         |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |         |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |         |  |
| CD    | Case dented                              |         |         |        |         | 5     |      |      |         |         |  |
| CH    | Closes hard                              | 144     | 28      | 26     | 2       | 16    |      |      |         |         |  |
| CHAB  | Carrier hits action bar                  |         |         | 1      |         |       |      |      |         |         |  |
| CLM   | Can't load magazine                      |         | 1       |        |         | 1     |      |      |         |         |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |         |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |         |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |         |  |
| CTOG  | Chamber torn or gouged                   |         |         |        | 8       |       |      |      |         |         |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |         |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |         |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 1    |      |         |         |  |
| DCS   | Double click in safety switch            |         |         |        |         |       |      |      | 1       |         |  |
| DCT   | Double click in trigger                  |         |         |        |         |       |      |      |         |         |  |
| DCU   | Doesn't close-up                         |         |         |        |         |       |      |      |         |         |  |
| DE    | Doesn't eject                            | 22      | 9       | 10     |         | 3     | 21   |      |         |         |  |
| DEL   | Doesn't eject live round                 | 39      | 164     | 12     |         | 1     | 1    |      |         |         |  |
| DFB   | Doesn't feed back                        |         |         |        |         |       |      |      |         |         |  |
| DFU   | Doesn't feed up                          | 2       |         |        |         |       |      |      | 33      |         |  |
| DLO   | Doesn't lock open (after last shell)     |         |         |        |         |       | 1    |      |         |         |  |

|      |                                   |     |     |     |            |     |    |   |    |  |  |
|------|-----------------------------------|-----|-----|-----|------------|-----|----|---|----|--|--|
| DLU  | Doesn't lock-up                   |     |     |     |            |     | 55 | 1 |    |  |  |
| DS   | Dead safe                         | 2   | 1   | 1   |            | 4   |    |   |    |  |  |
| DSM  | Drops shell-magazine              |     |     |     |            |     |    |   |    |  |  |
| DTL  | Doesn't trip latch                |     |     |     |            |     |    |   |    |  |  |
| DX   | Doesn't extract                   | 9   | 3   | 8   | Proof Test | 2   | 78 | 1 |    |  |  |
| DXL  | Doesn't extract live round        |     |     | 5   |            | 1   |    |   |    |  |  |
| EDS  | Extractor drops shell             | 64  | 42  | 27  |            | 10  |    |   | 2  |  |  |
| ESB  | Ejector sticks back               | 4   | 10  | 5   |            | 1   |    |   |    |  |  |
| ESCR | Empty shell catches receiver      | 1   |     |     |            |     |    |   |    |  |  |
| ESS  | Extractor stems shell             |     |     |     |            |     |    |   |    |  |  |
| FA   | Fires automatically               |     |     |     |            |     |    |   |    |  |  |
| FB   | Follower binds                    |     |     |     |            |     |    |   | 1  |  |  |
| FC   | Fails to connect                  |     |     |     |            |     |    |   | 2  |  |  |
| FCB  | Fore-end cracked or broken        |     |     |     |            |     |    |   |    |  |  |
| FD   | Follows-down                      | 1   |     |     |            |     |    |   |    |  |  |
| FF   | Fails to fire                     | 4   | 4   | 4   |            |     |    |   | 1  |  |  |
| FFM  | Fails to feed from magazine       |     |     | 1   |            |     |    |   | 1  |  |  |
| FFP  | Flat firing pin                   |     | 1   |     |            |     |    |   |    |  |  |
| FOS  | Fires on safe                     |     |     |     |            |     |    |   |    |  |  |
| FPHB | Firing pin hits bbl               |     |     |     |            |     |    |   |    |  |  |
| FPHI | Firing pin hits inside rim        |     |     |     |            |     |    |   |    |  |  |
| FPO  | Floor plate opens                 |     | 2   | 24  |            | 11  |    |   |    |  |  |
| FPOH | Floor plate opens hard            |     |     |     |            |     |    |   |    |  |  |
| FSR  | Fires when safe is released       |     | 4   |     |            |     |    |   |    |  |  |
| FT   | Follower tips                     | 131 | 16  | 74  |            | 6   |    |   |    |  |  |
| GCSO | Gas cyl shot off                  |     |     |     |            |     |    |   |    |  |  |
| GRSO | Guide ring shot off               |     | 1   |     |            |     |    |   |    |  |  |
| HBL  | Heavy bolt lift                   | 61  | 177 | 125 |            | 206 |    |   |    |  |  |
| HMSC | Heading mismatch-steps on case    |     |     | 12  |            |     |    |   |    |  |  |
| HPA  | High pressure ammo                |     |     |     |            |     |    |   |    |  |  |
| HUE  | Hard under extractor              |     |     |     |            |     |    |   | 10 |  |  |
| HUR  | Hard under rail                   | 5   |     | 4   |            |     |    |   |    |  |  |
| ILOP | Int. latch out of position        |     |     | 9   |            |     |    |   |    |  |  |
| ILRM | Int. latch ret. Missing           |     |     |     |            |     |    |   |    |  |  |
| ILSB | Int. latch stud broken            |     |     |     |            |     |    |   |    |  |  |
| ILSP | Int. latch spring out of position |     |     |     |            |     |    |   |    |  |  |
| JCS  | Jumps cartridge                   |     |     |     |            |     |    |   |    |  |  |
| JL   | Jumps latch                       |     |     |     |            |     |    |   |    |  |  |
| JM   | Jumps magazine                    | 52  | 121 | 62  |            | 71  |    |   |    |  |  |
| JO   | Jars off                          |     |     |     |            |     |    |   |    |  |  |
| LB   | Light blow                        |     |     |     |            |     |    |   | 34 |  |  |
| MAH  | Magazine assembles hard           |     |     |     |            |     | 4  |   |    |  |  |
| MCSO | Magazine cap shot off             |     |     |     |            |     |    |   |    |  |  |
| MCW  | Magazine capacity wrong           | 1   | 3   | 2   |            |     |    |   |    |  |  |
| MFA  | Misfires (ammo)                   |     |     |     |            |     |    |   |    |  |  |
| MFOP | Magazine follower out of position |     |     | 9   |            |     |    |   |    |  |  |
| ML   | Magazine loose                    |     | 1   | 1   |            |     |    |   |    |  |  |
| MLH  | Magazine loads hard               | 1   |     |     |            |     |    | 4 |    |  |  |
| MRH  | Magazine removes hard             |     | 5   | 12  |            |     |    | 1 |    |  |  |
| OH   | Opens hard                        | 37  | 10  | 4   |            | 14  |    |   |    |  |  |
| OR   | Over-rides                        | 82  | 21  | 34  |            | 1   | 10 |   |    |  |  |
| PH   | Pulls hard                        |     | 7   |     |            |     |    |   |    |  |  |
| PSI  | Proof stamp illegible             |     |     |     |            |     |    |   |    |  |  |
| PSM  | Proof stamp missing               |     |     |     |            |     |    |   |    |  |  |
| RBOC | Rings and bulges on case          |     |     |     |            |     |    |   |    |  |  |
| RDW  | (Action) release doesn't work     |     |     |     |            |     |    |   |    |  |  |
| RIC  | Rings in chamber                  | 308 | 196 | 41  |            | 24  | 21 |   |    |  |  |

|        |   |     |     |                            |    |    |    |   |  |  |  |
|--------|---|-----|-----|----------------------------|----|----|----|---|--|--|--|
| RIS    | Ring in sholder                           | 14  |     |                            |    |    |    |   |  |  |  |
| RS     | Rim srem                                  |     |     |                            |    |    |    |   |  |  |  |
| SBC    | Stems bottom chambers                     | 17  | 11  | Gallery Performance Report |    |    |    |   |  |  |  |
| SBE    | Stems bbl extension                       |     |     | Proof Test Target          |    |    |    |   |  |  |  |
| SCB    | Stock cracked or broken                   |     |     |                            |    |    |    |   |  |  |  |
| SCX    | Shell catches                             |     |     |                            |    |    |    |   |  |  |  |
| SHI    | Short indent                              |     |     |                            |    |    |    |   |  |  |  |
| SI     | Stems incline                             | 34  | 3   | 11                         |    |    | 2  | 2 |  |  |  |
| SIC    | Stems in chamber                          |     |     |                            | 1  |    |    |   |  |  |  |
| SL     | shaves lead                               |     |     |                            |    |    |    |   |  |  |  |
| SLC    | Stems left side of chamber                |     |     | 1                          |    |    |    |   |  |  |  |
| SMOC   | Stretch marks on case                     |     |     |                            |    |    |    |   |  |  |  |
| SOR    | Stem over-ride                            | 1   | 10  | 1                          |    |    | 17 | 1 |  |  |  |
| SP     | Stems port                                |     |     |                            |    |    |    |   |  |  |  |
| SR     | Shoulder rough                            |     |     |                            |    |    |    |   |  |  |  |
| SRC    | Stems right side of chamber               | 8   | 1   |                            |    |    |    |   |  |  |  |
| SRIC   | Specific rings in chamber                 |     |     |                            |    |    |    |   |  |  |  |
| SSC    | shell stems carrier                       |     |     |                            |    |    |    |   |  |  |  |
| SSOC   | Surface scratches on case                 |     |     |                            |    |    |    |   |  |  |  |
| STC    | Stems top chamber                         |     | 1   |                            |    |    |    |   |  |  |  |
| SWE    | Safety switch works too easily            |     | 1   |                            |    |    |    |   |  |  |  |
| SWH    | Safety switch works too hard              |     |     |                            |    |    |    |   |  |  |  |
| SWW    | Safety ewitxh won't work                  |     |     |                            |    |    |    |   |  |  |  |
| TD     | Tips down                                 |     |     |                            |    |    |    |   |  |  |  |
| TU     | Tips up                                   |     |     |                            |    |    |    |   |  |  |  |
| TWP    | Trigger won't pull                        |     |     |                            |    |    |    |   |  |  |  |
| TWR    | Trigger won't retract                     |     |     |                            |    |    |    |   |  |  |  |
| UNCN-T | Uncoded                                   | 14  | 13  | 4                          |    | 1  |    |   |  |  |  |
| XH     | Extracts hard                             | 4   | 4   | 7                          |    | 4  |    |   |  |  |  |
| XHB    | Extractor hits bbl                        | 1   |     |                            |    | 1  |    |   |  |  |  |
|        |   |     |     |                            |    |    |    |   |  |  |  |
| HI     | High                                      |     |     |                            |    |    |    |   |  |  |  |
| LO     | Low                                       |     |     |                            |    |    |    |   |  |  |  |
| LEFT   | Left                                      |     |     |                            |    |    |    |   |  |  |  |
| RIGHT  | Right                                     |     |     |                            |    |    |    |   |  |  |  |
| DG     | Doesn't Group                             | 241 | 175 | 123                        | 37 | 55 |    |   |  |  |  |
| FSST   | Front sight tipped                        |     |     |                            |    |    |    |   |  |  |  |
| RSTT   | Rear sight tipped                         |     |     |                            |    |    |    |   |  |  |  |
| RSBR   | Rear sight base raised                    |     |     |                            |    |    |    |   |  |  |  |
| FSTR   | Front sight raised                        |     |     |                            |    |    |    |   |  |  |  |
| FSTL   | Front sight loose                         |     |     |                            |    |    |    |   |  |  |  |
| RSTL   | Rear sight loose                          |     |     |                            |    |    |    |   |  |  |  |
| MGPT-G | Missing parts at target                   |     |     |                            |    |    |    |   |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |     |     |                            |    |    |    |   |  |  |  |
|        |   |     |     |                            |    |    |    |   |  |  |  |
| AI-P   | Assembly incompelye at proof              |     |     |                            |    |    |    |   |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |     |     |                            |    |    |    |   |  |  |  |
| BC-P   | Blows cases at proof                      |     |     |                            |    |    |    |   |  |  |  |
| BEB-P  | Barrel extension broken at proof          |     |     |                            |    |    |    |   |  |  |  |
| BLP-P  | Blanked primer at proof                   |     |     |                            |    |    |    |   |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |     |     |                            |    |    | 1  |   |  |  |  |
| BP-P   | Blown primer at proof                     |     |     |                            |    |    |    |   |  |  |  |
| BS-P   | Barrel split at proof                     |     |     |                            |    |    |    |   |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |     |     |                            |    |    |    |   |  |  |  |
| ESB-P  | Ejector sticks back at proof              |     |     |                            |    |    |    | 2 |  |  |  |

|        |                                  |    |    |                            |      |        |   |  |  |  |  |
|--------|----------------------------------|----|----|----------------------------|------|--------|---|--|--|--|--|
| FCB-P  | Fore-end cracked at proof        |    |    |                            |      |        |   |  |  |  |  |
| FESO-P | Fore-end shot off at proof       |    |    |                            |      |        |   |  |  |  |  |
| FF-P   | Fails to fire at proof           |    | 1  | Gallery Performance Report |      |        |   |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof   |    |    | Proof                      | Test | Target | 1 |  |  |  |  |
| GRSO-P | Guide ring shot off at proof     |    |    |                            |      |        |   |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof   |    |    |                            |      |        |   |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl |    |    |                            |      |        |   |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl   | 2  | 1  | 1                          |      |        |   |  |  |  |  |
| PP-P   | Pierced primer at proof          | 14 | 23 | 35                         |      | 33     |   |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof |    |    |                            |      |        |   |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions       | 6  | 15 | 15                         |      | 4      |   |  |  |  |  |



|                |                                    |              |               |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|---------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>23371</b> | <b>Month:</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>3991</b>  |               |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>17.08</b> |               |  |  |  |  |  |  |  |

|               |           |       |      |      |      |      |      |     |     |     |   |
|---------------|-----------|-------|------|------|------|------|------|-----|-----|-----|---|
| <b>Proof</b>  | Shot:     | 10110 | 5214 | 3381 | 447  | 917  | 2011 | 636 | 30  |     |   |
|               | Rejected: | 97    | 34   | 76   | 0    | 17   | 0    | 0   | 0   | 0   | 0 |
|               | Percent:  | 1.0   | 0.7  | 2.2  | 0.0  | 1.9  | 0.0  | 0.0 | 0.0 |     |   |
| <b>Test</b>   | Shot:     | 12620 | 3691 | 2249 | 377  | 835  | 2138 | 573 | 302 | 362 |   |
|               | Rejected: | 1658  | 451  | 352  | 25   | 89   | 442  | 6   | 16  | 7   | 0 |
|               | Percent:  | 13.1  | 12.2 | 15.7 | 6.6  | 10.7 | 20.7 | 1.0 | 5.3 | 1.9 |   |
| <b>Target</b> | Shot:     | 6863  | 3235 | 2202 | 380  | 833  |      |     |     |     |   |
|               | Rejected: | 288   | 258  | 68   | 42   | 65   | 0    | 0   | 0   | 0   | 0 |
|               | Percent:  | 4.2   | 8.0  | 3.1  | 11.1 | 7.8  |      |     |     |     |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 M/L |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|---------|--|
| AB    | Action binds                             | 1       |         | 2      |         |       | 5    | 4    |         |         |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |         |  |
| BABS  | Bulge at body shoulder                   | 10      |         | 2      |         |       |      |      |         |         |  |
| BAC   | Burr at chamber                          | 210     | 167     | 59     | 6       | 4     |      |      |         |         |  |
| BBMA  | BBL-to-bolt misalignment                 | 2       | 1       | 1      |         |       |      |      |         |         |  |
| BB    | Bolt binds/catches                       | 112     | 11      | 46     | 4       | 4     |      |      |         |         |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |         |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |         |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |         |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      | 3       |         |  |
| BHR   | Bolt hits receiver                       |         |         |        | 1       |       |      |      |         |         |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |         |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |         |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |         |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |         |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |         |  |
| BSSM  | Bolt stems shell in magazine             | 1       |         |        |         |       |      |      |         |         |  |
| BWCD  | Bolt won't cam down                      | 8       |         | 1      |         |       |      |      |         |         |  |
| BWCFM | Bolt won't close over full magazine      | 3       | 1       | 2      | 4       |       |      |      |         |         |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |         |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |         |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |         |  |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |         |  |
| CH    | Closes hard                              | 187     | 28      | 14     | 1       | 4     |      |      |         |         |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |         |  |
| CLM   | Can't load magazine                      | 1       | 2       | 1      |         |       |      |      |         |         |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |         |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |         |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |         |  |
| CTOG  | Chamber torn or gouged                   | 7       |         | 1      |         |       |      |      |         |         |  |
| CTP   | Creepy trigger pull                      | 1       |         |        |         |       |      |      |         |         |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |         |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 130  |      |         |         |  |
| DCS   | Double click in safety switch            |         |         |        |         |       |      |      |         |         |  |
| DCT   | Double click in trigger                  |         |         |        |         |       |      |      |         |         |  |
| DCU   | Doesn't close-up                         |         |         |        |         |       | 33   |      |         |         |  |
| DE    | Doesn't eject                            | 19      |         | 2      |         |       | 5    |      | 9       |         |  |
| DEL   | Doesn't eject live round                 | 2       | 4       | 3      |         |       |      |      |         |         |  |
| DFB   | Doesn't feed back                        |         |         |        |         |       |      |      |         |         |  |
| DFU   | Doesn't feed up                          |         |         |        |         |       |      |      |         |         |  |
| DLO   | Doesn't lock open (after last shell)     |         |         |        |         |       |      | 1    |         |         |  |

|      |                                   |     |    |    |      |        |     |   |   |   |  |
|------|-----------------------------------|-----|----|----|------|--------|-----|---|---|---|--|
| DLU  | Doesn't lock-up                   |     |    |    |      |        | 157 |   |   |   |  |
| DS   | Dead safe                         | 5   | 2  |    |      | 3      | 1   |   |   |   |  |
| DSM  | Drops shell-magazine              |     |    |    |      |        |     |   |   |   |  |
| DTL  | Doesn't trip latch                |     |    |    |      |        |     |   |   |   |  |
| DX   | Doesn't extract                   | 8   | 9  | 1  | Test | Target | 25  |   |   |   |  |
| DXL  | Doesn't extract live round        |     | 2  |    |      |        |     |   |   |   |  |
| EDS  | Extractor drops shell             | 134 | 6  | 7  | 1    | 4      |     |   |   |   |  |
| ESB  | Ejector sticks back               | 32  | 6  | 2  |      | 3      |     |   |   |   |  |
| ESCR | Empty shell catches receiver      | 1   |    |    |      |        |     |   |   |   |  |
| ESS  | Extractor stems shell             |     |    |    |      |        |     |   |   |   |  |
| FA   | Fires automatically               |     |    |    |      |        |     |   |   |   |  |
| FB   | Follower binds                    |     |    |    |      |        |     |   |   |   |  |
| FC   | Fails to connect                  |     |    |    |      |        | 3   |   | 1 |   |  |
| FCB  | Fore-end cracked or broken        |     |    |    |      |        |     |   |   |   |  |
| FD   | Follows-down                      |     |    |    |      |        | 2   |   |   |   |  |
| FF   | Fails to fire                     | 5   | 3  | 17 |      | 5      | 1   |   |   | 6 |  |
| FFM  | Fails to feed from magazine       |     |    |    |      |        | 1   |   |   |   |  |
| FFP  | Flat firing pin                   |     |    |    |      |        |     |   |   |   |  |
| FOS  | Fires on safe                     |     |    |    |      |        |     |   |   |   |  |
| FPHB | Firing pin hits bbl               |     |    |    |      |        |     |   |   |   |  |
| FPHI | Firing pin hits inside rim        |     |    |    |      |        |     |   |   |   |  |
| FPO  | Floor plate opens                 | 3   | 42 | 9  |      |        |     |   |   |   |  |
| FPOH | Floor plate opens hard            |     | 2  |    |      |        |     |   |   |   |  |
| FSR  | Fires when safe is released       |     |    |    |      |        |     |   |   |   |  |
| FT   | Follower tips                     | 206 | 11 | 8  |      | 7      | 1   |   |   |   |  |
| GCSO | Gas cyl shot off                  |     |    |    |      |        |     |   |   |   |  |
| GRSO | Guide ring shot off               |     |    |    |      |        |     |   |   |   |  |
| HBL  | Heavy bolt lift                   | 80  | 6  | 22 |      | 3      |     |   |   |   |  |
| HMSC | Heading mismatch-steps on case    |     |    |    |      |        |     |   |   |   |  |
| HPA  | High pressure ammo                |     |    |    |      |        |     |   |   |   |  |
| HUE  | Hard under extractor              |     |    |    |      |        |     |   |   |   |  |
| HUR  | Hard under rail                   | 19  |    | 12 |      |        |     |   |   |   |  |
| ILOP | Int. latch out of position        |     |    |    |      |        |     |   |   |   |  |
| ILRM | Int. latch ret. Missing           |     |    |    |      |        |     |   |   |   |  |
| ILSB | Int. latch stud broken            |     |    |    |      |        |     |   |   |   |  |
| ILSP | Int. latch spring out of position |     |    |    |      |        |     |   |   |   |  |
| JCS  | Jumps cartridge                   |     |    |    |      |        |     |   |   |   |  |
| JL   | Jumps latch                       |     |    |    |      |        |     |   |   |   |  |
| JM   | Jumps magazine                    | 18  | 18 | 22 |      |        | 5   |   |   |   |  |
| JO   | Jars off                          |     |    |    |      |        |     |   |   |   |  |
| LB   | Light blow                        |     |    |    |      |        |     |   | 3 |   |  |
| MAH  | Magazine assembles hard           |     |    |    |      |        | 35  |   |   |   |  |
| MCSO | Magazine cap shot off             |     |    |    |      |        |     |   |   |   |  |
| MCW  | Magazine capacity wrong           |     | 1  | 1  |      |        |     |   |   |   |  |
| MFA  | Misfires (ammo)                   |     |    |    |      |        |     |   |   |   |  |
| MFOP | Magazine follower out of position |     |    |    |      |        |     |   |   |   |  |
| ML   | Magazine loose                    |     |    |    |      |        |     |   |   |   |  |
| MLH  | Magazine loads hard               | 1   | 1  |    |      |        |     |   |   |   |  |
| MRH  | Magazine removes hard             |     | 1  |    |      |        | 2   | 1 |   |   |  |
| OH   | Opens hard                        | 55  | 18 | 19 |      | 2      |     |   |   | 1 |  |
| OR   | Over-rides                        | 138 | 11 | 3  | 1    |        | 16  |   |   |   |  |
| PH   | Pulls hard                        |     |    |    |      |        |     |   |   |   |  |
| PSI  | Proof stamp illegible             |     |    |    |      |        |     |   |   |   |  |
| PSM  | Proof stamp missing               |     |    |    |      |        |     |   |   |   |  |
| RBOC | Rings and bulges on case          |     |    |    |      |        |     |   |   |   |  |
| RDW  | (Action) release doesn't work     |     |    |    |      |        |     |   |   |   |  |
| RIC  | Rings in chamber                  | 219 | 80 | 65 | 5    | 15     |     |   |   |   |  |

|        |   |     |     |                            |       |      |        |    |  |  |  |
|--------|---|-----|-----|----------------------------|-------|------|--------|----|--|--|--|
| RIS    | Ring in sholder                           | 19  |     |                            |       | 1    |        |    |  |  |  |
| RS     | Rim srem                                  |     |     |                            |       |      |        |    |  |  |  |
| SBC    | Stems bottom chambers                     | 79  | 3   | Gallery Performance Report |       |      |        |    |  |  |  |
| SBE    | Stems bbl extension                       |     |     |                            | Proof | Test | Target |    |  |  |  |
| SCB    | Stock cracked or broken                   |     |     |                            | 1     |      |        |    |  |  |  |
| SCX    | Shell catches                             |     |     |                            |       |      |        |    |  |  |  |
| SHI    | Short indent                              |     |     |                            |       |      |        |    |  |  |  |
| SI     | Stems incline                             | 45  | 3   | 2                          | 1     | 1    |        |    |  |  |  |
| SIC    | Stems in chamber                          |     |     |                            |       |      |        |    |  |  |  |
| SL     | shaves lead                               |     |     |                            |       |      |        |    |  |  |  |
| SLC    | Stems left side of chamber                |     |     |                            |       |      |        |    |  |  |  |
| SMOC   | Stretch marks on case                     |     |     |                            |       |      |        |    |  |  |  |
| SOR    | Stem over-ride                            | 3   | 3   |                            |       |      |        | 12 |  |  |  |
| SP     | Stems port                                |     |     |                            |       |      |        | 1  |  |  |  |
| SR     | Shoulder rough                            |     |     |                            |       |      |        |    |  |  |  |
| SRC    | Stems right side of chamber               | 1   |     |                            |       |      |        |    |  |  |  |
| SRIC   | Specific rings in chamber                 |     |     |                            |       |      |        |    |  |  |  |
| SSC    | shell stems carrier                       |     |     |                            |       |      |        |    |  |  |  |
| SSOC   | Surface scratches on case                 |     |     |                            |       |      |        |    |  |  |  |
| STC    | Stems top chamber                         | 4   |     | 4                          |       |      |        | 7  |  |  |  |
| SWE    | Safety switch works too easily            |     |     |                            |       |      |        |    |  |  |  |
| SWH    | Safety switch works too hard              | 7   | 2   |                            |       |      |        |    |  |  |  |
| SWW    | Safety ewitxh won't work                  |     |     |                            |       |      |        |    |  |  |  |
| TD     | Tips down                                 |     |     |                            |       |      |        |    |  |  |  |
| TU     | Tips up                                   |     |     |                            |       |      |        |    |  |  |  |
| TWP    | Trigger won't pull                        |     |     |                            |       |      |        |    |  |  |  |
| TWR    | Trigger won't retract                     |     |     |                            |       |      |        |    |  |  |  |
| UNCN-T | Uncoded                                   | 2   | 1   | 11                         | 1     | 2    |        |    |  |  |  |
| XH     | Extracts hard                             | 10  | 6   | 12                         |       | 7    |        |    |  |  |  |
| XHB    | Extractor hits bbl                        |     |     |                            |       |      |        |    |  |  |  |
|        |   |     |     |                            |       |      |        |    |  |  |  |
| HI     | High                                      |     |     |                            |       |      |        |    |  |  |  |
| LO     | Low                                       | 1   | 1   |                            |       |      |        |    |  |  |  |
| LEFT   | Left                                      |     |     |                            |       |      |        |    |  |  |  |
| RIGHT  | Right                                     |     |     |                            |       |      |        |    |  |  |  |
| DG     | Doesn't Group                             | 287 | 257 | 68                         | 42    | 65   |        |    |  |  |  |
| FSST   | Front sight tipped                        |     |     |                            |       |      |        |    |  |  |  |
| RSTT   | Rear sight tipped                         |     |     |                            |       |      |        |    |  |  |  |
| RSBR   | Rear sight base raised                    |     |     |                            |       |      |        |    |  |  |  |
| FSTR   | Front sight raised                        |     |     |                            |       |      |        |    |  |  |  |
| FSTL   | Front sight loose                         |     |     |                            |       |      |        |    |  |  |  |
| RSTL   | Rear sight loose                          |     |     |                            |       |      |        |    |  |  |  |
| MGPT-G | Missing parts at target                   |     |     |                            |       |      |        |    |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |     |     |                            |       |      |        |    |  |  |  |
|        |   |     |     |                            |       |      |        |    |  |  |  |
| AI-P   | Assembly incompleye at proof              | 1   | 1   |                            |       |      |        |    |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |     |     |                            |       |      |        |    |  |  |  |
| BC-P   | Blows cases at proof                      |     |     |                            |       |      |        |    |  |  |  |
| BEB-P  | Barrel extension broken at proof          |     |     |                            |       |      |        |    |  |  |  |
| BLP-P  | Blanked primer at proof                   |     |     |                            |       |      |        |    |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |     |     |                            |       |      |        |    |  |  |  |
| BP-P   | Blown primer at proof                     |     |     |                            |       |      |        |    |  |  |  |
| BS-P   | Barrel split at proof                     |     |     |                            |       |      |        |    |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |     |     |                            |       |      |        |    |  |  |  |
| ESB-P  | Ejector sticks back at proof              |     |     |                            |       |      |        |    |  |  |  |

|        |                                  |    |    |    |  |    |  |  |  |  |  |
|--------|----------------------------------|----|----|----|--|----|--|--|--|--|--|
| FCB-P  | Fore-end cracked at proof        |    |    |    |  |    |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof       |    |    |    |  |    |  |  |  |  |  |
| FF-P   | Fails to fire at proof           |    |    |    |  |    |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof   |    |    |    |  |    |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof     |    |    |    |  |    |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof   |    |    |    |  |    |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl |    |    |    |  |    |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl   | 1  |    |    |  |    |  |  |  |  |  |
| PP-P   | Pierced primer at proof          | 36 | 28 | 69 |  | 14 |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof | 1  | 1  |    |  |    |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions       | 58 | 4  | 7  |  | 3  |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|                |                                    |              |                              |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|------------------------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>1026</b>  | <b>Test Date: 11/27/2002</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>120</b>   |                              |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>11.70</b> |                              |  |  |  |  |  |  |  |

|               |           |      |      |      |     |     |      |   |   |   |   |
|---------------|-----------|------|------|------|-----|-----|------|---|---|---|---|
| <b>Proof</b>  | Shot:     | 372  | 29   | 140  |     | 241 | 69   |   |   |   |   |
|               | Rejected: | 11   | 0    | 0    | 0   | 0   | 0    | 0 | 0 | 0 | 0 |
|               | Percent:  | 3.0  | 0.0  | 0.0  |     | 0.0 | 0.0  |   |   |   |   |
| <b>Test</b>   | Shot:     | 468  | 50   | 91   | 27  | 328 | 51   |   |   |   |   |
|               | Rejected: | 61   | 8    | 12   | 0   | 19  | 7    | 0 | 0 | 0 | 0 |
|               | Percent:  | 13.0 | 16.0 | 13.2 | 0.0 | 5.8 | 13.7 |   |   |   |   |
| <b>Target</b> | Shot:     | 123  |      | 73   |     | 123 |      |   |   |   |   |
|               | Rejected: | 0    | 0    | 2    | 0   | 0   | 0    | 0 | 0 | 0 | 0 |
|               | Percent:  | 0.0  |      | 2.7  |     | 0.0 |      |   |   |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|--|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |  |
| BAC   | Burr at chamber                          | 1       |         |        |         |       |      |      |         |        |  |
| BBMA  | BBL-to-bolt misalignment                 |         |         |        |         |       |      |      |         |        |  |
| BB    | Bolt binds/catches                       | 5       |         | 2      |         |       |      |      |         |        |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |        |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |  |
| BWCD  | Bolt won't cam down                      |         |         |        |         |       |      |      |         |        |  |
| BWCFM | Bolt won't close over full magazine      |         |         |        |         |       |      |      |         |        |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |  |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |        |  |
| CH    | Closes hard                              |         |         |        |         |       |      |      |         |        |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |  |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |        |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |  |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       |      |      |         |        |  |

# Gallery Performance Report

Proof - Test - Target

|      |                                      |    |  |   |  |   |   |  |  |  |  |
|------|--------------------------------------|----|--|---|--|---|---|--|--|--|--|
| DCS  | Double click in safety switch        |    |  |   |  |   |   |  |  |  |  |
| DCT  | Double click in trigger              |    |  |   |  |   |   |  |  |  |  |
| DCU  | Doesn't close-up                     |    |  |   |  |   |   |  |  |  |  |
| DE   | Doesn't eject                        | 1  |  | 2 |  | 1 |   |  |  |  |  |
| DEL  | Doesn't eject live round             |    |  |   |  |   |   |  |  |  |  |
| DFB  | Doesn't feed back                    |    |  |   |  |   |   |  |  |  |  |
| DFU  | Doesn't feed up                      |    |  |   |  |   |   |  |  |  |  |
| DLO  | Doesn't lock open (after last shell) |    |  |   |  |   |   |  |  |  |  |
| DLU  | Doesn't lock-up                      |    |  |   |  |   | 6 |  |  |  |  |
| DS   | Dead safe                            | 1  |  |   |  |   |   |  |  |  |  |
| DSM  | Drops shell-magazine                 |    |  |   |  |   |   |  |  |  |  |
| DTL  | Doesn't trip latch                   |    |  |   |  |   |   |  |  |  |  |
| DX   | Doesn't extract                      | 21 |  |   |  | 1 |   |  |  |  |  |
| DXL  | Doesn't extract live round           | 1  |  |   |  |   |   |  |  |  |  |
| EDS  | Extractor drops shell                | 15 |  |   |  | 1 |   |  |  |  |  |
| ESB  | Ejector sticks back                  |    |  |   |  |   |   |  |  |  |  |
| ESCR | Empty shell catches receiver         |    |  |   |  |   |   |  |  |  |  |
| ESS  | Extractor stems shell                |    |  |   |  |   |   |  |  |  |  |
| FA   | Fires automatically                  |    |  |   |  |   |   |  |  |  |  |
| FB   | Follower binds                       |    |  |   |  |   |   |  |  |  |  |
| FC   | Fails to connect                     |    |  |   |  |   |   |  |  |  |  |
| FCB  | Fore-end cracked or broken           |    |  |   |  |   |   |  |  |  |  |
| FD   | Follows-down                         |    |  |   |  |   |   |  |  |  |  |
| FF   | Fails to fire                        |    |  |   |  |   |   |  |  |  |  |
| FFM  | Fails to feed from magazine          |    |  |   |  |   |   |  |  |  |  |
| FFP  | Flat firing pin                      |    |  |   |  |   |   |  |  |  |  |
| FOS  | Fires on safe                        |    |  |   |  |   |   |  |  |  |  |
| FPHB | Firing pin hits bbl                  |    |  |   |  |   |   |  |  |  |  |
| FPHI | Firing pin hits inside rim           |    |  |   |  |   |   |  |  |  |  |
| FPO  | Floor plate opens                    |    |  | 8 |  |   |   |  |  |  |  |
| FPOH | Floor plate opens hard               |    |  |   |  |   |   |  |  |  |  |
| FSR  | Fires when safe is released          |    |  |   |  |   |   |  |  |  |  |
| FT   | Follower tips                        | 3  |  |   |  |   |   |  |  |  |  |
| GCSO | Gas cyl shot off                     |    |  |   |  |   |   |  |  |  |  |
| GRSO | Guide ring shot off                  |    |  |   |  |   |   |  |  |  |  |
| HBL  | Heavy bolt lift                      |    |  |   |  | 1 |   |  |  |  |  |
| HMSC | Heading mismatch-steps on case       |    |  |   |  |   |   |  |  |  |  |
| HPA  | High pressure ammo                   |    |  |   |  |   |   |  |  |  |  |
| HUE  | Hard under extractor                 |    |  |   |  |   |   |  |  |  |  |
| HUR  | Hard under rail                      |    |  |   |  |   |   |  |  |  |  |
| ILOP | Int. latch out of position           |    |  |   |  |   |   |  |  |  |  |
| ILRM | Int. latch ret. Missing              |    |  |   |  |   |   |  |  |  |  |
| ILSB | Int. latch stud broken               |    |  |   |  |   |   |  |  |  |  |
| ILSP | Int. latch spring out of position    |    |  |   |  |   |   |  |  |  |  |
| JCS  | Jumps cartridge                      |    |  |   |  |   |   |  |  |  |  |
| JL   | Jumps latch                          |    |  |   |  |   |   |  |  |  |  |
| JM   | Jumps magazine                       | 2  |  |   |  |   | 1 |  |  |  |  |
| JO   | Jars off                             |    |  |   |  |   |   |  |  |  |  |
| LB   | Light blow                           |    |  |   |  |   |   |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |                                   |   |   |  |  |   |  |  |  |  |  |
|--------|-----------------------------------|---|---|--|--|---|--|--|--|--|--|
| MAH    | Magazine assembles hard           |   |   |  |  |   |  |  |  |  |  |
| MCSO   | Magazine cap shot off             |   |   |  |  |   |  |  |  |  |  |
| MCW    | Magazine capacity wrong           |   |   |  |  |   |  |  |  |  |  |
| MFA    | Misfires (ammo)                   |   |   |  |  |   |  |  |  |  |  |
| MFOP   | Magazine follower out of position |   |   |  |  |   |  |  |  |  |  |
| ML     | Magazine loose                    |   |   |  |  |   |  |  |  |  |  |
| MLH    | Magazine loads hard               |   |   |  |  |   |  |  |  |  |  |
| MRH    | Magazine removes hard             |   |   |  |  |   |  |  |  |  |  |
| OH     | Opens hard                        | 1 |   |  |  | 1 |  |  |  |  |  |
| OR     | Over-rides                        | 4 |   |  |  |   |  |  |  |  |  |
| PH     | Pulls hard                        |   |   |  |  |   |  |  |  |  |  |
| PSI    | Proof stamp illegible             |   |   |  |  |   |  |  |  |  |  |
| PSM    | Proof stamp missing               |   |   |  |  |   |  |  |  |  |  |
| RBOC   | Rings and bulges on case          |   |   |  |  |   |  |  |  |  |  |
| RDW    | (Action) release doesn't work     |   |   |  |  |   |  |  |  |  |  |
| RIC    | Rings in chamber                  | 2 |   |  |  | 2 |  |  |  |  |  |
| RIS    | Ring in sholder                   |   |   |  |  |   |  |  |  |  |  |
| RS     | Rim srem                          |   |   |  |  |   |  |  |  |  |  |
| SBC    | Stems bottom chambers             |   |   |  |  |   |  |  |  |  |  |
| SBE    | Stems bbl extension               |   |   |  |  |   |  |  |  |  |  |
| SCB    | Stock cracked or broken           |   |   |  |  |   |  |  |  |  |  |
| SCX    | Shell catches                     |   |   |  |  |   |  |  |  |  |  |
| SHI    | Short indent                      |   |   |  |  |   |  |  |  |  |  |
| SI     | Stems incline                     |   |   |  |  |   |  |  |  |  |  |
| SIC    | Stems in chamber                  |   |   |  |  |   |  |  |  |  |  |
| SL     | shaves lead                       |   |   |  |  |   |  |  |  |  |  |
| SLC    | Stems left side of chamber        | 1 |   |  |  |   |  |  |  |  |  |
| SMOC   | Stretch marks on case             |   |   |  |  |   |  |  |  |  |  |
| SOR    | Stem over-ride                    | 2 | 8 |  |  | 8 |  |  |  |  |  |
| SP     | Stems port                        |   |   |  |  |   |  |  |  |  |  |
| SR     | Shoulder rough                    |   |   |  |  |   |  |  |  |  |  |
| SRC    | Stems right side of chamber       |   |   |  |  |   |  |  |  |  |  |
| SRIC   | Specific rings in chamber         |   |   |  |  |   |  |  |  |  |  |
| SSC    | shell stems carrier               |   |   |  |  |   |  |  |  |  |  |
| SSOC   | Surface scratches on case         |   |   |  |  |   |  |  |  |  |  |
| STC    | Stems top chamber                 |   |   |  |  |   |  |  |  |  |  |
| SWE    | Safety switch works too easily    |   |   |  |  |   |  |  |  |  |  |
| SWH    | Safety switch works too hard      |   |   |  |  |   |  |  |  |  |  |
| SWW    | Safety ewitxh won't work          |   |   |  |  |   |  |  |  |  |  |
| TD     | Tips down                         |   |   |  |  |   |  |  |  |  |  |
| TU     | Tips up                           |   |   |  |  |   |  |  |  |  |  |
| TWP    | Trigger won't pull                |   |   |  |  |   |  |  |  |  |  |
| TWR    | Trigger won't retract             |   |   |  |  |   |  |  |  |  |  |
| UNCN-T | Uncoded                           |   |   |  |  |   |  |  |  |  |  |
| XH     | Extracts hard                     | 1 |   |  |  | 4 |  |  |  |  |  |
| XHB    | Extractor hits bbl                |   |   |  |  |   |  |  |  |  |  |
|        |                                   |   |   |  |  |   |  |  |  |  |  |
| HI     | High                              |   |   |  |  |   |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |   |   |  |   |  |  |  |  |  |  |  |
|--------|---|---|--|---|--|--|--|--|--|--|--|
| LO     | Low                                       |   |  |   |  |  |  |  |  |  |  |
| LEFT   | Left                                      |   |  |   |  |  |  |  |  |  |  |
| RIGHT  | Right                                     |   |  |   |  |  |  |  |  |  |  |
| DG     | Doesn't Group                             |   |  | 2 |  |  |  |  |  |  |  |
| FSST   | Front sight tipped                        |   |  |   |  |  |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |   |  |   |  |  |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |   |  |   |  |  |  |  |  |  |  |
| FSTR   | Front sight raised                        |   |  |   |  |  |  |  |  |  |  |
| FSTL   | Front sight loose                         |   |  |   |  |  |  |  |  |  |  |
| RSTL   | Rear sight loose                          |   |  |   |  |  |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |   |  |   |  |  |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |   |  |   |  |  |  |  |  |  |  |
|        |   |   |  |   |  |  |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |   |  |   |  |  |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |   |  |   |  |  |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |   |  |   |  |  |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |   |  |   |  |  |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |   |  |   |  |  |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |   |  |   |  |  |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |   |  |   |  |  |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |   |  |   |  |  |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |   |  |   |  |  |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |   |  |   |  |  |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |   |  |   |  |  |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |   |  |   |  |  |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |   |  |   |  |  |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |   |  |   |  |  |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |   |  |   |  |  |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |   |  |   |  |  |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |   |  |   |  |  |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |   |  |   |  |  |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   | 4 |  |   |  |  |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |   |  |   |  |  |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                | 7 |  |   |  |  |  |  |  |  |  |



# Gallery Performance Report

Proof - Test - Target

|                |                                    |              |                              |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|------------------------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>1094</b>  | <b>Test Date: 10/31/2002</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>113</b>   |                              |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>10.33</b> |                              |  |  |  |  |  |  |  |

|               |           |      |     |      |     |      |     |     |   |   |   |
|---------------|-----------|------|-----|------|-----|------|-----|-----|---|---|---|
| <b>Proof</b>  | Shot:     | 230  | 446 | 383  | 2   | 70   | 100 | 1   |   |   |   |
|               | Rejected: | 3    | 7   | 0    | 0   | 2    | 0   | 0   | 0 | 0 | 0 |
|               | Percent:  | 1.3  | 1.6 | 0.0  | 0.0 | 2.9  | 0.0 | 0.0 |   |   |   |
| <b>Test</b>   | Shot:     | 234  | 507 | 211  | 26  | 15   | 89  |     |   |   |   |
|               | Rejected: | 31   | 28  | 28   | 0   | 6    | 7   | 0   | 0 | 0 | 0 |
|               | Percent:  | 13.2 | 5.5 | 13.3 | 0.0 | 40.0 | 7.9 |     |   |   |   |
| <b>Target</b> | Shot:     | 135  | 49  | 193  |     |      | 4   |     |   |   |   |
|               | Rejected: | 1    | 0   | 0    | 0   | 0    | 0   | 0   | 0 | 0 | 0 |
|               | Percent:  | 0.7  | 0.0 | 0.0  |     |      | 0.0 |     |   |   |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML | 7400 W/M |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|----------|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |          |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |          |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |          |
| BAC   | Burr at chamber                          |         | 1       | 5      |         |       |      |      |         |        |          |
| BBMA  | BBL-to-bolt misalignment                 |         |         |        |         |       |      |      |         |        |          |
| BB    | Bolt binds/catches                       |         |         | 4      |         |       |      |      |         |        |          |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |          |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |          |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |          |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |          |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |          |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |          |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |          |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |          |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |        |          |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |          |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |          |
| BWCD  | Bolt won't cam down                      |         |         |        |         |       |      |      |         |        |          |
| BWCFM | Bolt won't close over full magazine      | 1       |         |        |         |       |      |      |         |        |          |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |          |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |          |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |          |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |        |          |
| CH    | Closes hard                              | 1       | 4       |        |         | 2     |      |      |         |        |          |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |          |
| CLM   | Can't load magazine                      |         |         |        |         |       |      |      |         |        |          |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |          |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |          |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |          |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |          |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |          |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |          |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 1    |      |         |        |          |

# Gallery Performance Report

Proof - Test - Target

|      |                                      |    |   |   |  |   |   |  |  |  |  |
|------|--------------------------------------|----|---|---|--|---|---|--|--|--|--|
| DCS  | Double click in safety switch        |    |   |   |  |   |   |  |  |  |  |
| DCT  | Double click in trigger              |    |   |   |  |   | 1 |  |  |  |  |
| DCU  | Doesn't close-up                     |    |   |   |  |   |   |  |  |  |  |
| DE   | Doesn't eject                        |    |   |   |  |   | 1 |  |  |  |  |
| DEL  | Doesn't eject live round             |    |   | 2 |  |   |   |  |  |  |  |
| DFB  | Doesn't feed back                    |    |   |   |  |   |   |  |  |  |  |
| DFU  | Doesn't feed up                      |    |   |   |  |   |   |  |  |  |  |
| DLO  | Doesn't lock open (after last shell) |    |   |   |  |   |   |  |  |  |  |
| DLU  | Doesn't lock-up                      |    |   |   |  |   | 2 |  |  |  |  |
| DS   | Dead safe                            |    |   |   |  |   |   |  |  |  |  |
| DSM  | Drops shell-magazine                 |    |   |   |  |   |   |  |  |  |  |
| DTL  | Doesn't trip latch                   |    |   |   |  |   |   |  |  |  |  |
| DX   | Doesn't extract                      | 2  | 3 |   |  |   | 1 |  |  |  |  |
| DXL  | Doesn't extract live round           |    |   |   |  |   |   |  |  |  |  |
| EDS  | Extractor drops shell                | 2  | 7 | 1 |  |   | 1 |  |  |  |  |
| ESB  | Ejector sticks back                  | 3  | 2 | 2 |  |   |   |  |  |  |  |
| ESCR | Empty shell catches receiver         |    |   |   |  |   |   |  |  |  |  |
| ESS  | Extractor stems shell                |    |   |   |  |   |   |  |  |  |  |
| FA   | Fires automatically                  |    |   |   |  |   |   |  |  |  |  |
| FB   | Follower binds                       |    |   |   |  |   |   |  |  |  |  |
| FC   | Fails to connect                     |    |   |   |  |   |   |  |  |  |  |
| FCB  | Fore-end cracked or broken           |    |   |   |  |   |   |  |  |  |  |
| FD   | Follows-down                         |    |   |   |  |   |   |  |  |  |  |
| FF   | Fails to fire                        |    |   |   |  |   |   |  |  |  |  |
| FFM  | Fails to feed from magazine          |    |   |   |  |   |   |  |  |  |  |
| FFP  | Flat firing pin                      |    |   |   |  |   |   |  |  |  |  |
| FOS  | Fires on safe                        |    |   |   |  |   |   |  |  |  |  |
| FPHB | Firing pin hits bbl                  |    |   |   |  |   |   |  |  |  |  |
| FPHI | Firing pin hits inside rim           |    |   |   |  |   |   |  |  |  |  |
| FPO  | Floor plate opens                    |    | 2 | 1 |  |   |   |  |  |  |  |
| FPOH | Floor plate opens hard               |    |   |   |  |   |   |  |  |  |  |
| FSR  | Fires when safe is released          |    |   |   |  |   |   |  |  |  |  |
| FT   | Follower tips                        |    | 1 |   |  |   |   |  |  |  |  |
| GCSO | Gas cyl shot off                     |    |   |   |  |   |   |  |  |  |  |
| GRSO | Guide ring shot off                  |    |   |   |  |   |   |  |  |  |  |
| HBL  | Heavy bolt lift                      | 10 |   | 6 |  | 4 |   |  |  |  |  |
| HMSC | Heading mismatch-steps on case       |    |   |   |  |   |   |  |  |  |  |
| HPA  | High pressure ammo                   |    |   |   |  |   |   |  |  |  |  |
| HUE  | Hard under extractor                 |    |   |   |  |   |   |  |  |  |  |
| HUR  | Hard under rail                      |    |   |   |  |   |   |  |  |  |  |
| ILOP | Int. latch out of position           |    |   |   |  |   |   |  |  |  |  |
| ILRM | Int. latch ret. Missing              |    |   |   |  |   |   |  |  |  |  |
| ILSB | Int. latch stud broken               |    |   |   |  |   |   |  |  |  |  |
| ILSP | Int. latch spring out of position    |    |   |   |  |   |   |  |  |  |  |
| JCS  | Jumps cartridge                      |    |   |   |  |   |   |  |  |  |  |
| JL   | Jumps latch                          |    |   |   |  |   |   |  |  |  |  |
| JM   | Jumps magazine                       |    | 1 |   |  |   |   |  |  |  |  |
| JO   | Jars off                             |    |   |   |  |   |   |  |  |  |  |
| LB   | Light blow                           |    |   |   |  |   |   |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |                                   |   |   |   |  |  |  |  |  |  |  |
|--------|-----------------------------------|---|---|---|--|--|--|--|--|--|--|
| MAH    | Magazine assembles hard           |   |   |   |  |  |  |  |  |  |  |
| MCSO   | Magazine cap shot off             |   |   |   |  |  |  |  |  |  |  |
| MCW    | Magazine capacity wrong           |   |   |   |  |  |  |  |  |  |  |
| MFA    | Misfires (ammo)                   |   |   |   |  |  |  |  |  |  |  |
| MFOP   | Magazine follower out of position |   |   | 5 |  |  |  |  |  |  |  |
| ML     | Magazine loose                    |   |   |   |  |  |  |  |  |  |  |
| MLH    | Magazine loads hard               |   |   |   |  |  |  |  |  |  |  |
| MRH    | Magazine removes hard             |   |   |   |  |  |  |  |  |  |  |
| OH     | Opens hard                        |   |   |   |  |  |  |  |  |  |  |
| OR     | Over-rides                        | 3 | 2 |   |  |  |  |  |  |  |  |
| PH     | Pulls hard                        |   |   |   |  |  |  |  |  |  |  |
| PSI    | Proof stamp illegible             |   |   |   |  |  |  |  |  |  |  |
| PSM    | Proof stamp missing               |   |   |   |  |  |  |  |  |  |  |
| RBOC   | Rings and bulges on case          |   |   |   |  |  |  |  |  |  |  |
| RDW    | (Action) release doesn't work     |   |   |   |  |  |  |  |  |  |  |
| RIC    | Rings in chamber                  |   |   |   |  |  |  |  |  |  |  |
| RIS    | Ring in sholder                   |   |   |   |  |  |  |  |  |  |  |
| RS     | Rim srem                          |   |   |   |  |  |  |  |  |  |  |
| SBC    | Stems bottom chambers             | 5 |   |   |  |  |  |  |  |  |  |
| SBE    | Stems bbl extension               |   |   |   |  |  |  |  |  |  |  |
| SCB    | Stock cracked or broken           |   |   |   |  |  |  |  |  |  |  |
| SCX    | Shell catches                     |   |   |   |  |  |  |  |  |  |  |
| SHI    | Short indent                      |   |   |   |  |  |  |  |  |  |  |
| SI     | Stems incline                     |   | 2 | 1 |  |  |  |  |  |  |  |
| SIC    | Stems in chamber                  |   |   |   |  |  |  |  |  |  |  |
| SL     | shaves lead                       |   |   |   |  |  |  |  |  |  |  |
| SLC    | Stems left side of chamber        |   |   |   |  |  |  |  |  |  |  |
| SMOC   | Stretch marks on case             |   |   |   |  |  |  |  |  |  |  |
| SOR    | Stem over-ride                    |   |   |   |  |  |  |  |  |  |  |
| SP     | Stems port                        |   |   |   |  |  |  |  |  |  |  |
| SR     | Shoulder rough                    |   |   |   |  |  |  |  |  |  |  |
| SRC    | Stems right side of chamber       |   |   |   |  |  |  |  |  |  |  |
| SRIC   | Specific rings in chamber         |   |   |   |  |  |  |  |  |  |  |
| SSC    | shell stems carrier               |   |   |   |  |  |  |  |  |  |  |
| SSOC   | Surface scratches on case         |   |   |   |  |  |  |  |  |  |  |
| STC    | Stems top chamber                 |   |   |   |  |  |  |  |  |  |  |
| SWE    | Safety switch works too easily    |   |   |   |  |  |  |  |  |  |  |
| SWH    | Safety switch works too hard      |   |   |   |  |  |  |  |  |  |  |
| SWW    | Safety ewitxh won't work          |   |   |   |  |  |  |  |  |  |  |
| TD     | Tips down                         |   |   |   |  |  |  |  |  |  |  |
| TU     | Tips up                           |   |   |   |  |  |  |  |  |  |  |
| TWP    | Trigger won't pull                |   |   |   |  |  |  |  |  |  |  |
| TWR    | Trigger won't retract             |   |   |   |  |  |  |  |  |  |  |
| UNCN-T | Uncoded                           |   |   |   |  |  |  |  |  |  |  |
| XH     | Extracts hard                     | 4 | 3 | 1 |  |  |  |  |  |  |  |
| XHB    | Extractor hits bbl                |   |   |   |  |  |  |  |  |  |  |
|        |                                   |   |   |   |  |  |  |  |  |  |  |
| HI     | High                              |   |   |   |  |  |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |   |   |   |  |  |   |  |  |  |  |  |
|--------|---|---|---|--|--|---|--|--|--|--|--|
| LO     | Low                                       |   |   |  |  |   |  |  |  |  |  |
| LEFT   | Left                                      |   |   |  |  |   |  |  |  |  |  |
| RIGHT  | Right                                     |   |   |  |  |   |  |  |  |  |  |
| DG     | Doesn't Group                             | 1 |   |  |  |   |  |  |  |  |  |
| FSST   | Front sight tipped                        |   |   |  |  |   |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |   |   |  |  |   |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |   |   |  |  |   |  |  |  |  |  |
| FSTR   | Front sight raised                        |   |   |  |  |   |  |  |  |  |  |
| FSTL   | Front sight loose                         |   |   |  |  |   |  |  |  |  |  |
| RSTL   | Rear sight loose                          |   |   |  |  |   |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |   |   |  |  |   |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |   |   |  |  |   |  |  |  |  |  |
|        |   |   |   |  |  |   |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |   |   |  |  |   |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |   |   |  |  |   |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |   |   |  |  |   |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |   |   |  |  |   |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |   |   |  |  |   |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |   |   |  |  |   |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |   |   |  |  |   |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |   |   |  |  |   |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |   |   |  |  |   |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |   |   |  |  |   |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |   |   |  |  |   |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |   |   |  |  |   |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |   |   |  |  |   |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |   |   |  |  |   |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |   |   |  |  |   |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |   |   |  |  |   |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |   |   |  |  |   |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |   |   |  |  |   |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   |   | 2 |  |  |   |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |   |   |  |  |   |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                | 3 | 5 |  |  | 2 |  |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|                |                                    |              |                             |  |  |  |  |  |  |  |
|----------------|------------------------------------|--------------|-----------------------------|--|--|--|--|--|--|--|
| <b>Summary</b> | <b>Total Test + Proof Failures</b> | <b>1155</b>  | <b>Test Date: 9/30/2002</b> |  |  |  |  |  |  |  |
|                | <b>Total Rejected:</b>             | <b>236</b>   |                             |  |  |  |  |  |  |  |
|                | <b>Overall Reject Rate:</b>        | <b>20.43</b> |                             |  |  |  |  |  |  |  |

|               |           |      |      |      |      |      |     |   |     |     |   |
|---------------|-----------|------|------|------|------|------|-----|---|-----|-----|---|
| <b>Proof</b>  | Shot:     | 341  | 198  | 36   | 3    | 461  | 28  |   |     |     |   |
|               | Rejected: | 3    | 3    | 1    | 0    | 0    | 0   | 0 | 0   | 0   | 0 |
|               | Percent:  | 0.9  | 1.5  | 2.8  | 0.0  | 0.0  | 0.0 |   |     |     |   |
| <b>Test</b>   | Shot:     | 285  | 191  | 5    |      | 420  | 26  |   | 62  | 159 |   |
|               | Rejected: | 60   | 34   | 2    | 0    | 110  | 2   | 0 | 0   | 6   | 0 |
|               | Percent:  | 21.1 | 17.8 | 40.0 |      | 26.2 | 7.7 |   | 0.0 | 3.8 |   |
| <b>Target</b> | Shot:     | 198  | 115  | 68   | 26   | 169  |     |   |     |     |   |
|               | Rejected: | 4    | 0    | 0    | 9    | 2    | 0   | 0 | 0   | 0   | 0 |
|               | Percent:  | 2.0  | 0.0  | 0.0  | 34.6 | 1.2  |     |   |     |     |   |

| CODE  | MALFUNCTION INDEX                        | 700 ADL | 700 BDL | 700 SS | 700 Pol | Seven | 7400 | 7600 | Rimfire | 700 ML |  |
|-------|--|---------|---------|--------|---------|-------|------|------|---------|--------|--|
| AB    | Action binds                             |         |         |        |         |       |      |      |         |        |  |
| ASFB  | Action spring follower binds             |         |         |        |         |       |      |      |         |        |  |
| BABS  | Bulge at body shoulder                   |         |         |        |         |       |      |      |         |        |  |
| BAC   | Burr at chamber                          | 4       | 2       |        |         |       |      |      |         |        |  |
| BBMA  | BBL-to-bolt misalignment                 |         | 1       |        |         |       |      |      |         |        |  |
| BB    | Bolt binds/catches                       | 2       |         |        |         | 6     |      |      |         |        |  |
| BCOBS | Bolt catches on bolt stop                |         |         |        |         |       |      |      |         |        |  |
| BCOE  | Bolt catches on ejector                  |         |         |        |         |       |      |      |         |        |  |
| BCOF  | Bolt catches on follower                 |         |         |        |         |       |      |      |         |        |  |
| BC    | Blows cases                              |         |         |        |         |       |      |      |         |        |  |
| BHR   | Bolt hits receiver                       |         |         |        |         |       |      |      |         |        |  |
| BHS   | Bolt plug hits safety switch             |         |         |        |         |       |      |      |         |        |  |
| BLOP  | Bar lock or disconnecter out of position |         |         |        |         |       |      |      |         |        |  |
| BLSO  | Barrel lug shot off                      |         |         |        |         |       |      |      |         |        |  |
| BPO   | Bolt pulls out                           |         |         |        |         |       |      |      |         |        |  |
| BSCO  | Barrel support came out                  |         |         |        |         |       |      |      |         |        |  |
| BSSM  | Bolt stems shell in magazine             |         |         |        |         |       |      |      |         |        |  |
| BWCD  | Bolt won't cam down                      |         |         |        |         |       |      |      |         |        |  |
| BWCFM | Bolt won't close over full magazine      | 2       |         |        |         |       |      |      |         |        |  |
| CBS-F | Shells catch on bbl support-feeding      |         |         |        |         |       |      |      |         |        |  |
| CBS-L | Shells catch on bbl support-loading      |         |         |        |         |       |      |      |         |        |  |
| CC    | Carrier catches on shells,mag,receiver   |         |         |        |         |       |      |      |         |        |  |
| CD    | Case dented                              |         |         |        |         |       |      |      |         |        |  |
| CH    | Closes hard                              | 3       | 4       |        |         | 2     |      |      |         |        |  |
| CHAB  | Carrier hits action bar                  |         |         |        |         |       |      |      |         |        |  |
| CLM   | Can't load magazine                      |         |         |        |         | 1     |      |      |         |        |  |
| CO    | Cut-off                                  |         |         |        |         |       |      |      |         |        |  |
| CR    | Cuts rim                                 |         |         |        |         |       |      |      |         |        |  |
| CS    | Cases swell                              |         |         |        |         |       |      |      |         |        |  |
| CTOG  | Chamber torn or gouged                   |         |         |        |         |       |      |      |         |        |  |
| CTP   | Creepy trigger pull                      |         |         |        |         |       |      |      |         |        |  |
| CWSB  | Cams wrong side of action bar            |         |         |        |         |       |      |      |         |        |  |
| DBB   | Doesn't blow back                        |         |         |        |         |       | 1    |      |         |        |  |

# Gallery Performance Report

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|      |                                      |    |   |   |  |    |   |  |  |  |  |
|------|--------------------------------------|----|---|---|--|----|---|--|--|--|--|
| DCS  | Double click in safety switch        |    |   |   |  |    |   |  |  |  |  |
| DCT  | Double click in trigger              |    |   |   |  |    |   |  |  |  |  |
| DCU  | Doesn't close-up                     |    |   |   |  |    |   |  |  |  |  |
| DE   | Doesn't eject                        | 8  | 4 |   |  |    |   |  |  |  |  |
| DEL  | Doesn't eject live round             |    |   |   |  |    |   |  |  |  |  |
| DFB  | Doesn't feed back                    |    |   |   |  |    |   |  |  |  |  |
| DFU  | Doesn't feed up                      |    |   |   |  |    |   |  |  |  |  |
| DLO  | Doesn't lock open (after last shell) |    |   |   |  |    |   |  |  |  |  |
| DLU  | Doesn't lock-up                      |    |   |   |  |    |   |  |  |  |  |
| DS   | Dead safe                            |    |   |   |  | 1  |   |  |  |  |  |
| DSM  | Drops shell-magazine                 |    |   |   |  |    |   |  |  |  |  |
| DTL  | Doesn't trip latch                   |    |   |   |  |    |   |  |  |  |  |
| DX   | Doesn't extract                      | 6  | 1 |   |  | 5  | 1 |  |  |  |  |
| DXL  | Doesn't extract live round           |    |   |   |  |    |   |  |  |  |  |
| EDS  | Extractor drops shell                | 20 | 2 | 1 |  | 7  |   |  |  |  |  |
| ESB  | Ejector sticks back                  | 1  |   |   |  | 3  |   |  |  |  |  |
| ESCR | Empty shell catches receiver         |    |   |   |  |    |   |  |  |  |  |
| ESS  | Extractor stems shell                |    |   |   |  |    |   |  |  |  |  |
| FA   | Fires automatically                  |    |   |   |  |    |   |  |  |  |  |
| FB   | Follower binds                       |    |   |   |  |    |   |  |  |  |  |
| FC   | Fails to connect                     |    |   |   |  |    |   |  |  |  |  |
| FCB  | Fore-end cracked or broken           |    |   |   |  |    |   |  |  |  |  |
| FD   | Follows-down                         |    |   |   |  |    |   |  |  |  |  |
| FF   | Fails to fire                        |    |   |   |  |    |   |  |  |  |  |
| FFM  | Fails to feed from magazine          |    |   |   |  |    |   |  |  |  |  |
| FFP  | Flat firing pin                      |    |   |   |  |    |   |  |  |  |  |
| FOS  | Fires on safe                        |    |   |   |  |    |   |  |  |  |  |
| FPHB | Firing pin hits bbl                  |    |   |   |  |    |   |  |  |  |  |
| FPHI | Firing pin hits inside rim           |    |   |   |  |    |   |  |  |  |  |
| FPO  | Floor plate opens                    |    |   |   |  | 1  |   |  |  |  |  |
| FPOH | Floor plate opens hard               |    |   |   |  |    |   |  |  |  |  |
| FSR  | Fires when safe is released          |    |   |   |  |    |   |  |  |  |  |
| FT   | Follower tips                        | 3  | 1 |   |  | 1  |   |  |  |  |  |
| GCSO | Gas cyl shot off                     |    |   |   |  |    |   |  |  |  |  |
| GRSO | Guide ring shot off                  |    |   |   |  |    |   |  |  |  |  |
| HLB  | Heavy bolt lift                      | 1  |   |   |  | 57 |   |  |  |  |  |
| HMSC | Heading mismatch-steps on case       |    |   |   |  |    |   |  |  |  |  |
| HPA  | High pressure ammo                   |    |   |   |  |    |   |  |  |  |  |
| HUE  | Hard under extractor                 |    |   |   |  |    |   |  |  |  |  |
| HUR  | Hard under rail                      | 1  |   |   |  | 2  |   |  |  |  |  |
| ILOP | Int. latch out of position           |    |   |   |  |    |   |  |  |  |  |
| ILRM | Int. latch ret. Missing              |    |   |   |  |    |   |  |  |  |  |
| ILSB | Int. latch stud broken               |    |   |   |  |    |   |  |  |  |  |
| ILSP | Int. latch spring out of position    |    |   |   |  |    |   |  |  |  |  |
| JCS  | Jumps cartridge                      |    |   |   |  |    |   |  |  |  |  |
| JL   | Jumps latch                          |    |   |   |  |    |   |  |  |  |  |
| JM   | Jumps magazine                       | 2  |   |   |  | 1  |   |  |  |  |  |
| JO   | Jars off                             |    |   |   |  |    |   |  |  |  |  |
| LB   | Light blow                           |    |   |   |  |    |   |  |  |  |  |

# Gallery Performance Report

Proof - Test - Target

|        |                                   |   |    |   |  |    |  |  |  |   |  |
|--------|-----------------------------------|---|----|---|--|----|--|--|--|---|--|
| MAH    | Magazine assembles hard           |   |    |   |  |    |  |  |  |   |  |
| MCSO   | Magazine cap shot off             |   |    |   |  |    |  |  |  |   |  |
| MCW    | Magazine capacity wrong           |   |    |   |  |    |  |  |  |   |  |
| MFA    | Misfires (ammo)                   |   |    |   |  |    |  |  |  |   |  |
| MFOP   | Magazine follower out of position |   |    |   |  |    |  |  |  |   |  |
| ML     | Magazine loose                    |   |    |   |  |    |  |  |  |   |  |
| MLH    | Magazine loads hard               |   |    |   |  |    |  |  |  |   |  |
| MRH    | Magazine removes hard             |   |    |   |  |    |  |  |  |   |  |
| OH     | Opens hard                        |   |    |   |  |    |  |  |  |   |  |
| OR     | Over-rides                        |   | 11 |   |  |    |  |  |  |   |  |
| PH     | Pulls hard                        |   |    |   |  |    |  |  |  |   |  |
| PSI    | Proof stamp illegible             |   |    |   |  |    |  |  |  |   |  |
| PSM    | Proof stamp missing               |   |    |   |  |    |  |  |  |   |  |
| RBOC   | Rings and bulges on case          |   |    |   |  |    |  |  |  |   |  |
| RDW    | (Action) release doesn't work     |   |    |   |  |    |  |  |  |   |  |
| RIC    | Rings in chamber                  | 2 |    |   |  |    |  |  |  |   |  |
| RIS    | Ring in sholder                   |   |    |   |  |    |  |  |  |   |  |
| RS     | Rim srem                          |   | 2  |   |  |    |  |  |  |   |  |
| SBC    | Stems bottom chambers             |   |    |   |  |    |  |  |  |   |  |
| SBE    | Stems bbl extension               |   |    |   |  |    |  |  |  |   |  |
| SCB    | Stock cracked or broken           |   |    |   |  |    |  |  |  |   |  |
| SCX    | Shell catches                     |   |    |   |  |    |  |  |  |   |  |
| SHI    | Short indent                      |   |    |   |  |    |  |  |  |   |  |
| SI     | Stems incline                     |   |    |   |  | 1  |  |  |  |   |  |
| SIC    | Stems in chamber                  |   |    |   |  |    |  |  |  |   |  |
| SL     | shaves lead                       |   |    |   |  |    |  |  |  |   |  |
| SLC    | Stems left side of chamber        |   |    |   |  |    |  |  |  |   |  |
| SMOC   | Stretch marks on case             |   |    |   |  |    |  |  |  |   |  |
| SOR    | Stem over-ride                    |   | 1  |   |  | 7  |  |  |  |   |  |
| SP     | Stems port                        |   |    |   |  |    |  |  |  |   |  |
| SR     | Shoulder rough                    |   |    |   |  |    |  |  |  |   |  |
| SRC    | Stems right side of chamber       |   |    |   |  |    |  |  |  |   |  |
| SRIC   | Specific rings in chamber         |   |    |   |  |    |  |  |  |   |  |
| SSC    | shell stems carrier               |   |    |   |  |    |  |  |  |   |  |
| SSOC   | Surface scratches on case         |   |    |   |  |    |  |  |  |   |  |
| STC    | Stems top chamber                 |   |    |   |  |    |  |  |  |   |  |
| SWE    | Safety switch works too easily    |   |    |   |  |    |  |  |  | 1 |  |
| SWH    | Safety switch works too hard      |   |    |   |  |    |  |  |  |   |  |
| SWW    | Safety ewitxh won't work          |   |    |   |  |    |  |  |  |   |  |
| TD     | Tips down                         |   |    |   |  |    |  |  |  |   |  |
| TU     | Tips up                           |   |    |   |  |    |  |  |  |   |  |
| TWP    | Trigger won't pull                |   |    |   |  |    |  |  |  |   |  |
| TWR    | Trigger won't retract             |   |    |   |  |    |  |  |  |   |  |
| UNCN-T | Uncoded                           |   |    |   |  |    |  |  |  | 5 |  |
| XH     | Extracts hard                     | 5 | 5  | 1 |  | 15 |  |  |  |   |  |
| XHB    | Extractor hits bbl                |   |    |   |  |    |  |  |  |   |  |
|        |                                   |   |    |   |  |    |  |  |  |   |  |
| HI     | High                              |   |    |   |  |    |  |  |  |   |  |

# Gallery Performance Report

Proof - Test - Target

|        |   |   |   |   |   |   |  |  |  |  |  |
|--------|---|---|---|---|---|---|--|--|--|--|--|
| LO     | Low                                       |   |   |   |   |   |  |  |  |  |  |
| LEFT   | Left                                      |   |   |   |   |   |  |  |  |  |  |
| RIGHT  | Right                                     |   |   |   |   |   |  |  |  |  |  |
| DG     | Doesn't Group                             | 4 |   |   | 9 | 2 |  |  |  |  |  |
| FSST   | Front sight tipped                        |   |   |   |   |   |  |  |  |  |  |
| RSTT   | Rear sight tipped                         |   |   |   |   |   |  |  |  |  |  |
| RSBR   | Rear sight base raised                    |   |   |   |   |   |  |  |  |  |  |
| FSTR   | Front sight raised                        |   |   |   |   |   |  |  |  |  |  |
| FSTL   | Front sight loose                         |   |   |   |   |   |  |  |  |  |  |
| RSTL   | Rear sight loose                          |   |   |   |   |   |  |  |  |  |  |
| MGPT-G | Missing parts at target                   |   |   |   |   |   |  |  |  |  |  |
| UNCN-G | Uncoded nonconformity at target           |   |   |   |   |   |  |  |  |  |  |
|        |   |   |   |   |   |   |  |  |  |  |  |
| AI-P   | Assembly incomplete at proof              |   |   |   |   |   |  |  |  |  |  |
| BBB    | Barrel bracket cracked or broken at proof |   |   |   |   |   |  |  |  |  |  |
| BC-P   | Blows cases at proof                      |   |   |   |   |   |  |  |  |  |  |
| BEB-P  | Barrel extension broken at proof          |   |   |   |   |   |  |  |  |  |  |
| BLP-P  | Blanked primer at proof                   |   |   |   |   |   |  |  |  |  |  |
| BLSO-P | Barrel lug shot off at proof              |   |   |   |   |   |  |  |  |  |  |
| BP-P   | Blown primer at proof                     |   |   |   |   |   |  |  |  |  |  |
| BS-P   | Barrel split at proof                     |   |   |   |   |   |  |  |  |  |  |
| DLOS-P | Doesn't lock over shells at proof         |   |   |   |   |   |  |  |  |  |  |
| ESB-P  | Ejector sticks back at proof              |   |   |   |   |   |  |  |  |  |  |
| FCB-P  | Fore-end cracked at proof                 |   |   |   |   |   |  |  |  |  |  |
| FESO-P | Fore-end shot off at proof                |   |   |   |   |   |  |  |  |  |  |
| FF-P   | Fails to fire at proof                    |   | 1 |   |   |   |  |  |  |  |  |
| GCSO-P | Gas cylinder shot off at proof            |   |   |   |   |   |  |  |  |  |  |
| GRSO-P | Guide ring shot off at proof              |   |   |   |   |   |  |  |  |  |  |
| MCSO-P | Magazine cap shot off at proof            |   |   |   |   |   |  |  |  |  |  |
| MSI-P  | Magnaflux stamp illegible on bbl          |   |   |   |   |   |  |  |  |  |  |
| MSM-P  | Magnaflux stamp missing on bbl            |   |   | 1 |   |   |  |  |  |  |  |
| PP-P   | Pierced primer at proof                   |   |   |   |   |   |  |  |  |  |  |
| SCB-P  | Stock cracked or broken at proof          |   |   |   |   |   |  |  |  |  |  |
| UNCM-P | Uncoded proof malfunctions                | 3 | 2 |   |   |   |  |  |  |  |  |