

To: Bob Orf

From: Paul J. Zito

Subject: Report for week ending 12/02/05

MAJOR ISSUES:

- M700 low sear lift - Updated process records to include new set master for checking trigger length on comparator and added detail for checking sear lift.
- Reviewed polishing/lapping fixture design for lapping sear safety cam on XR100. Planning forecasts to build 3,500 of the XR100 is Dec. 2006. A variation of the SPL fire control design is anticipated within 6 months to 1 yr. which will eliminate the need for this operation. Based on this information it was decided not to pursue the polishing fixture at this time.
- Choke tubes coming loose in M1100 Competition after limited shooting. Found barrels were machined with undersized pilot tool causing concentricity issues between choke tube c'bore and barrel bore. Also, found 3 barrels with choke c'bore was .060 too deep. Choke tubes were in spec to current drawing, but a change will be made to increase the length of the tube (approx. .015) to ensure that it bottoms on the c'bore and not on the end of the barrel.