

31 July 1992

To: K.V.Soucy
From: J.R.Snedeker

REF.: "MONTHLY REPORT" FOR JULY 1992

SAFETY, HEALTH AND HOUSEKEEPING:

- Site audit for the month was completed.

PERSONNEL ISSUES:

- No significant items to report.

MAINTENANCE:

- One of the two test jacks has been repaired and returned to service. The other test jack requires a complete rebuild. This is being done in the crafts shop and is expected to be complete within the next couple of weeks. We are able to work around the problem for now.
- The shot catchers that were down for repair have been welded and are back in service.

TEST PROGRAMS:

- M/700 Stainless Steel
 - Design Acceptance Testing was successfully completed on all calibers.
- O/U
 - Still waiting on the submission of the Design Acceptance guns from Design. We are continuing to endurance test the pre-Design Acceptance test guns. This shooting is done daily, rain or shine at the Ilion Fish and Game Club. (Our test jacks are not suitable for break-action guns.) We have built two "mobile" test jacks that we store in the tool shed at the Club and these are used to save the shoulders of the testers.
- Marine Magnum
 - Trial and Pilot Testing of the Marine Magnums has been successfully completed.

- M/522, Viper

- We are currently conducting the Design Acceptance Testing on the M/522 rimfire rifle. Function testing shows the rifle to perform at significantly less than minimum 1% Malfunction rate criteria. Drop testing was acceptable for S.A.M.M.I. drop test criteria and was acceptable for additional drops from an 8 foot height. Hot (120°F.) and Cold (-20°F.) testing have been completed. Endurance testing is currently underway as well as the accuracy testing.

PROJECTS:

- Passive Bullet Traps Project-
 - This project has been approved and the bullet catchers are scheduled for installation late this summer or early in the fall.
- S.A.A.M.I. Ref. Ammo Storage
 - The project write-up has been approved and the equipment is on order.
- Upgrade of Instrumentation Capability in Test Lab-
 - Continuing to look into equipment and methods.