

To: Dale Danner
From: Scott Franz

10/4/00

RE: Monthly Status Report

- **CAD Activities**

- **SolidWorks/SmarTeam:**

1. See Harold Davidson's status report for additional information on day to day activities.
2. Upgraded all PC's running SolidWorks to SW 2000 Service Pack 6 (latest release). At the same time also upgraded these same stations to NT 4.0 Service Pack 5 and Microsoft Office Service Release 2. No major problems encountered since this update. Two stations did have to be reworked due to conflict with another application. These problems have been resolved. We do have a new major release of PDM software, however we will wait before upgrading to get a history on the SolidWorks upgrade.

- **Test Lab Activities**

1. Additional Test Lab activities will be included in Phillips status report.
2. The new bullet trap is not installed as of yet due to the recent M/710 DAT test. Will get this installed when time permits.
3. The M/700 EV drop test for Jim Ronkainen is still in progress. Work continues on this as priorities allow. One load iteration remains to be tested.
4. Completed M/710 DAT Phase II testing. This was a concentrated effort over approximately a two week time span that required extended work hours and double shifts. Lab personnel should be commended on their ability to accomplish this testing within the given schedule time frame.
5. M/700 EtronX Hunting Gen2 testing has been on going. We have deviated from the original test plan at Engineering's request to trouble shoot a higher than expected misfire rate. We expect additional requests on this in the near future.
6. The lab has completed all Ammo Group requests for Marketing samples and photos in support of new product introductions and the catalog. We continue to get additional requests along these lines.

Overall the lab is very busy and getting busier. Anticipate a high level of overtime needed during the 4th quarter to complete planned testing in support of both Ammo and Firearm projects.

- **Direct Conversion Steel Shot Project**

1. Wheelabrator visited E-town on Sept. 26th to deliver samples for evaluation. Received 5 Kg of No. 2 shot annealed/decarburized throughout. Another 2 Kg sample of No. 2 shot annealed/decarburized on the surface only and 2 Kg of No. 6 shot heat treated the same as the first No. 2 sample. Jim Urbon will

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mount and run micro-hardness measurements to confirm Wheelabrator's readings. We will load this shot and run choke strain measurements.

2. Waiting for Frohn samples from Lonoke (Conditioned shot) to run choke strain measurements.
3. Learned that SAAMI is considering changing the hardness specification and measurement procedure for Steel Shot. Will stay abreast of this since it does have a direct effect on this program.