May 7, 1993

TO: K.W. Soucy
FROM: W.A. Warren, Jr. WAW

PROGRESS REPORT April, 1993

M700 VS. Long Action "Sendero Special"

We are continuing to inspect and report on samples from each vendor-owned mold before releasing it to run production. Samples have now been approved from molds #1-#6. Samples from the last two molds are expected the week of 5-10-93. This is labor-intensive. The pay-back is that this vendor has been responsive to identified quality issues before we have stockpiled large quantities of stocks and/or started production. Barrel centrality specifications have been developed for this and similar current models. These will reconcile differences in inspectors' qualitative judgments.

Due to a structuring error, trial and pilot has been delayed from week of 5-3-93 to week following. Production has been rescheduled to begin in June. I will remain active in any technical issues thru successful T&P testing.

BASIC RESEARCH-RELEASE MECHANISMS

Measurement Apparatus: This project was approved 3-25-93. Requisitions for all major or long-lead-time purchased components have been entered. The last of these to arrive will be the table-drive motor-programmable controller system. It is expected the 3d week of June.

The next steps are:

- purchasing, designing and fabricating small components
- learning the operation and setup of the force and displacement transducers and linking them to the new Tektronics transient data capture device
- learning the programming and operation of the motor-driven motion control system

Much of this activity can take place before the table-drive system arrives.

Benchmarking: competitive purchases-no change

Nbar: Effective 3-1-93, my release mechanism activity has become focused on developing a new fire control for this model.

DESIGN-RELATED

On an ongoing basis, I am assisting M. Keeney with his NBAR process-design integration program.

SAFETY

R&D safety committee: 18 hours. This includes assisting with the first plant-wide voluntary off-the-job safety meeting (hunting). It was scheduled to accommodate 1st and 2nd shifts; on equal parts of company and employee time.

MISC

I assisted with a review of Op. Com. meeting minutes seeking specific information on a requested topic.

I attended a local one-day overview course on "Geometric Dimensioning and Tolerancing". A more intensive 24-hour course begins in June.

END

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KINZER V. REMINGTON