

To: HC Munson

September 19, 1991

From: RS Murphy

Subject: September Monthly Report

Model 90-T

- o The field service manual still needs to be written. I expect to complete it in September.
- o The brazing process has been extensively reviewed and is now felt to give good results and be in control. Process sheets have been received from Paul Galis and are in the second iteration of editing for completeness. A specification is being developed by Fred Schmidt and will be forwarded to Racine upon its completion.
- o Kolar Arms or U.S. Competition Arms will be made a warranty gunsmith for the 90-T. This is a difficult issue to resolve for a number of reasons. Among them; what is warrantable?, who decides what is warrantable?, at what rate do we reimburse warrantable repairs?, how are parts required for repairs accounted for and purchased?
- o US Comp. promises to be at a 40 gun per week production rate by the end of the month. Remington needs to anticipate this wood requirement and be able to supply the wood for these actions or be prepared to take delivery of them without wood.
- o I discussed the issue of release triggers for the 90-T with Jim Hutton and we agreed to the following:
  - Remington does not advocate the use of release triggers but we recognize that a significant percentage of the trapshooting community uses them.
  - Several gunsmiths build release triggers for Remington firearms.
  - Remington will sell components and assemblies to release trigger manufacturers to enable them to do the best job possible.
  - The purchase agreement will be used to state Remington's position and outline our concerns regarding release triggers.

Parker

- o Two monoblocked barrel assemblies have been shipped to Ilion for the purpose of strength testing. The Test Lab has outlined a test procedure and will proceed with this test.
- o The "Miller System" sears were rebalanced and the gun was retested with disappointing results. The "fanfiring" problem got worse instead of improving.
- o I will add an inertia block to this firecontrol to try to stop the jarring off of the second barrel.

#### **Sabot Slug System**

- o This system has several alternatives under consideration and more than one are being pursued. The primary effort presently involves ammo development but with new rifled barrels.
- o A 28 ga. rifled barrel has sent to Vince Scarlotta and he is finally able to continue his ammunition development.

#### **M/870 One Piece Action Bar**

- o This idea is being pursued as a cost reduction and a quality improvement. Process operation costs have been received. The next step is to computer model the 870 action bars and slide block assembly as well as the 11-87 action bar assembly and determine a path forward for the new design.
- o The action bars have been modeled and the new design is being worked on as time permits. No progress has been made in the past month.

#### **M/870 Mil Spec**

- o Ten Police 870's were received from the warehouse and 2 3/4" ejectors are being installed. Fred Martin is tracking down the MILSPEC solvents to be used in the chemical resistance testing. He has already supplied three items. (No change in the last month).

#### **M/870, M/11-87 Removable Butt Pad**

- o The .800 Premier pad has been modeled to the stock model drawing dimensions providing for a 14 3/16" length of pull. The dimensions on the pad corresponding to the butt end of the stock have been faxed to Jerry Helmer for comparison with actual production stock dimensions at the new cutoff length. When Jerry confirms this design, I will complete the detailed drawing. (No change).

#### **M/870 Border Patrol**

- o A bid sample was submitted and we are now waiting for the I.N.S. reply. According to the contract they have until October 14 to make their decision.