

To: T. C. Douglas  
From: A. R. Baszczuk

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## JULY PROGRESS REPORT

## SHOT CHARGER DEVELOPMENT

Delivery of components ordered for a second Simplex counting type shot-charger, scheduled for July 22, is now expected the 1st. week in August.

A visit was made to Daisy Manufacturing, suppliers of our steel shot, with Jerry Roach (Buyer) on July 10th. Following a tour of their facilities, a meeting was held to discuss problems we've experienced with mixed shot sizes, irregular shapes and debris in their product and possible solutions. In attendance were their: UP of Operations, Managers of QA, Engineering and Contract Sales, Quality Supervisor, Mfg. Engineer and General Foreman. Daisy recognizes the importance of this problem and will do what's necessary to resolve it. Beginning July 10th, additional screening was implemented and a 100% inspection of the product returning from their heat treaters added. Beginning with a July 31st shipment of BB shot, all barrels of shot processed with this additional inspection will be tagged with a high visibility orange label for further audit by Remington. Also, they are reviewing the entire process and will purchase new equipment if needed.

Hoover Bearing Company, a potential supplier for our steel shot, also will be visited to evaluate their ability to meet our requirements.

## ROTARY CAM BODY FORMER - 410 &amp; 28 GA.

A second attempt to assemble 20,000 410 R/C bodies with brass heads at AH&P was made 6/30, 7/1 & 7/6/92. Problems with coning, primer seating and stripping assembled bodies from the heading pins prevented running all the product. About 3000 corrugated bodies were assembled, running at slow speed. The cause of problems is attributed to lubrication of the brass caps and seal prep\stripper punch\spring\ coning tool set-up. Sample product has since been hand assembled successfully. The AH&P machine will be rescheduled to complete this test possibly in August.

Marketing's initial feed-back from the field tests of 4000 410RC Target Loads with steel caps have been favorable. All shooters commented that it shot and performed equal to our current product.

Fifteen cases (7500 rounds) of the 28 ga. R/C smooth body Skeet loads with visual defects were sent out for field testing 7/22/92. These were sent to people selected by Marketing and briefed on the importance and security of keeping this product out of the hands of non-Remington personnel. Approximately 17,000 new 28GA Unibodies will be scheduled thru AH&P and Loading as quickly as production schedules allow.

#### COPPER BULLETS

Installation of the cross drill/mill attachment to the L-20 CNC turning machine is complete and operating well. Copper slugs with sawn cross slots have been made. Also, NC Programs for the plastic sabots with slots have been written. Additional on-site training on programing, operation and enhancements is scheduled for July 27 & 28.

A new water soluable coolant, replacing the originally used cutting oil is now being tested. This change was designed to prevent tool edge build-up and provide better flushing of chips in deep hole drilling. Initial results on copper slugs are excellent. Surface finish is improved and parts are clean. An improvement in the machining of plastic is also expected.