## Remington Arms Co., Inc. Lonoke, Arkansas.

# To: T.C. Douglas From: J.M. Kostrubanic

### April 1992 Monthly Report

#### General

A large amount of time was spent on various projects from Plant Engineers and Metallurgically related customer correspondences.

#### Failure Investigations

A failure analysis was conducted on a mixhouse bowl which suffered from a broken locater pin. This study revealed the need to improve the integrity of the pin and to implement a routine inspection system for the bowls.

Another failure analysis was performed on a split heading die. This study was useful since the die was purchased from a new vendor.

#### 22 Stress Relief

The shells from the 22 rimfire stress relief anneal test are in ballistics waiting to be fired. Results will be summarized next month.

#### Bunters

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It is evident that a revised system for monitoring bunter lifespan needs to be implemented. This is being worked out with the appropriate individuals.