Remington Arms Co. Inc. Lonoke, Arkansas

To: T. C. Douglas

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January Progress Report 1/9/92

## Laboratory-General

An office has been constructed in the Chem Lab area for the Metallurgical Engineer. This was badly needed since the Chem Lab is a very noisy and high traffic area.

Some technical literature which was recently ordered has arrived. The literature consists of the ASM Handbook Series Volumes 1 through 17, a detailed reference book on Tool Steels, and an in-depth book on Steels: Heat Treatment and Processing Principles. These books together should serve as a good reference source for nearly any tooling or metal related problem which may arise in the plant. In the future, a list of these books and any new lab equipment will be sent to the various engineers so that they may benefit from them.

## Tooling-Bunters

A system has been implemented for tracking bunters which <u>is</u> working. The system was implemented just before Christmas shutdown so that to date not a lot of data has been generated (results are not included here). With the ability to track bunter life reliably, the more exotic test bunters made of M-42. T-15, and Vascomax 350 can now be placed into production. Hopefully by next month, some life span data on these bunters and the cryogenicly treated M-2 bunters can be presented.