

To: T. C. Douglas

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FEBRUARY PROGRESS REPORT

SHOT CHARGER DEVELOPMENT

The counting-type shot-charger design for Duplex Loaders and machine re-arrangement drawing with enhancements suggested by Production and Process Engineering were reviewed with Process Engineering. A package is now being readied to obtain quotes for the shot-charger components and fabrication.

ROTARY CAM BODY FORMER - 410 & 28 GA.

Ballistic testing of R/C 410 LVTW bodies assembled and loaded last month revealed primer seal problems at reload. This is attributed to inadequate lubrication of the brass heads causing inconsistent primer seat and head forming at AH&P. The visual appearance of primer seat and head flatness was also deemed unacceptable by Marketing. New product is now being readied for additional testing.

Approximately 45M corrugated 2 1/2", 10M smooth 2 1/2" and 1M smooth 3" 410 bodies and 30M corrugated 28 ga. bodies were run thru Rotary Cam this month. Visual and dimensional quality of all product appears very good. New 410 brass caps were also run but approximately 1% have splits at the mouth. Cause of this problem is under investigation. Assembly of the 410 product at AH&P is scheduled for March 4th. and 28 ga. product tentatively for March 11th. dependent on Production schedules.