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**REMINGTON ARMS COMPANY, I.J.C.**

INTER-DEPARTMENTAL CORRESPONDENCE

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*File 1146*



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Ilion, New York  
May 11, 1982

TO: R. E. FIELITZ  
FROM: C. B. WORKMAN *CBW*  
SUBJECT: STAFF NOTES

Except for the following items, the status of Research programs is not significantly different than shown in the April Monthly Report.

o Model 7400/7600 Rifles

Tests have been completed on Model 7400 Center Fire Rifles in all current production calibers to determine effect of the modified feeding ramps on gun performance. Results indicate no detrimental effect of the modification on either strength (30-06) or malfunction rate. Based on these results, the design change has been transmitted to Production and will be approved pending successful completion of Trial and Pilot tests on each caliber, as they become available.

o Injection Molding of Metal and Ceramic Components

The first run of Fe-2% Ni components (test bars and experimental thin wall caps) has been completed through the binder removal operation. Sintering is in progress and will be completed today. Due to the extended process cycle time, Research personnel are monitoring the equipment on all three shifts.

To facilitate coordination throughout Du Pont on injection molding programs, a meeting is scheduled for Thursday, May 20, 1982, in Ilion. Representatives from Du Pont ETL, EPL, EDL, CR & D, Textile Fibers, and Photo Products Departments are scheduled to attend.

We are reviewing our programs in light of the recent layoff and work schedule changes at the Ilion site. Seventeen Research employees will have their work schedules cut 10%. I will advise you of the effect on Development Schedules as soon as the full impact is clear.

CBW:eb