

→ *Thelma*

RESEARCH DEPARTMENT

THIRD QUARTER PROGRESS REPORT - 1981

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REMINGTON ARMS COMPANY
RESEARCH AND DEVELOPMENT
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HIGHLIGHTS

<u>AMMUNITION</u>	<u>Page</u>
• Installation of the Bridgeport unibody system is on schedule for fourth quarter 1981 start-up.	1
• A primer basics program has been outlined aimed at optimizing primer performance.	2
• Four shotshell samples including 12, 16, 20 gauge and .410 bore have been loaded using two variations of the integral anvil battery cup primer. Ballistics and normal gun function and casualty results were satisfactory for each sample.	3
• A sample of the "Extended Range" center fire ammunition has been experimentally loaded and evaluated for down-range ballistics. Satisfactory results were obtained for this 30-06 Springfield cartridge using Sierra 160 grain Spitzer boattail bullets and a new powder: HRP-85, formulated by Hercules.	4
• A satisfactory experimental run of TLX priming mixture in rim fire shells was completed; preparations are being made for a trial and pilot run.	4
• A reduction in velocity in the "Viper" (Scorpion) rim fire product from 1440 fps to 1410 fps allows use of a standard powder. An experimental run is scheduled.	5

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