MODEL 740

280 Remington

Orifice dimensions have been specified by Arms Design, and approximately 400 barrels have been released for reaming and subsequent operations.

Research and Development has performed a prepilot test on ten guns, with generally satisfactory results. A total of 1,160 rounds was fired in three bullet weights with overall malfunction rate of 1.6 per cent. The majority of these malfunctions were failures to eject, and this characteristic may be susceptible of further improvement.

An accuracy test comprising three 5-shot groups of each rifle was fired in comparison with the Model 760 - 270 Winchester, with each rifle using 150 grain ammunition. The overall average group size was 3.08 inches compared with 2.41 for the 270 Winchester. It must be noted, however, that the 270 was fired in a Model 760, which is believed to be inherently more accurate than the Model 740. There was also some shifting of center of impact in the 280 Remington, suggesting that the bedding of the rifles may not have been optimum.

Four rifles were sent to Bridgeport on March 27, and accuracy tests on these rifles are expected momentarily.

Because both the rifle and ammunition are involved, the Operations Committee will await a recommendation from the Director of Research and Development at such time as he feels all items of this system are satisfactory for introduction. Assuming that this is forthcoming in the very near future and that there are no interruptions to production, the Ilion Plant submitted the following warehouse schedule:

Schedule submitted:	3/6/57	4/2/57
April	50	50
May	500	500
June	2,000	3,800

If this schedule is met, the Sales Department would probably announce the gun on June 1, 1957. Sales will also advise the Ilion Plant promptly of their anticipated production schedule for the remainder of 1957.