

FIREARMSSHOTGUNSMODEL 1100 AUTOLOADING SHOTGUN12 GaugeManufacturing Costs

Production reviewed the Model 1100 manufacturing costs to date against the Project and against the improvement forecasted at the May meeting. The respective comparisons are shown in Table 1 and Figure 1, attached. The total factory cost in July was \$.87 below the first year Project estimate and was \$.17 lower than the June cost. Further comparison of the first year Project estimate and the July cost indicates the direct expense and indirect expense items are considerably less than the Project estimate and more than offset the total material and total labor which continues higher than estimated. Significant improvement in the latter two will be made the end of the year when the savings from GFM barrels and automatic spraying facilities for RK-W are realized.

Gun Functioning With New Loads

Low Base SP And Interim Paper Target Loads - previous reporting in both the Bridgeport and Ilion Operations Committee meetings indicates satisfactory performance with current low base SP and the interim paper target production.

New SP Target Load - only preliminary testing has been completed on the pilot lot of new SP target loads to be introduced January, 1964. Plans for extensive testing and reporting on their adequacy remain to be formulated.

16 and 20 GaugeDesign StatusSIGNIFICANT

No sufficient design changes have been made that may affect appearance or costs. Minor changes continue to be made to improve the design. Pilot production guns are just becoming available for Research testing. Insufficient shooting has been done to report performance.

Sales stated the 16 and 20 gauge prototypes they evaluated in August were too heavy, as is the 12 gauge. They reviewed the weight comparison of other shotguns, shown in Table 2, attached, supporting their contention. Though they felt the weight is not a disadvantage in skeet and trap guns, it is a serious disadvantage in field guns which constitute the majority of sales.