

NEW CENTER FIRE RIFLE
AUTOLOADING - PUMP - LEVER - contd.

Endurance specifications and strength were discussed. R & D reviewed the comparative strengths of rifle actions using the 30-06 caliber as a base. These figures are shown as Exhibit 2. R & D indicated that by meeting the strength requirements, endurance objectives would also be met.

Gun weight should be around 7½ to 8 pounds depending upon the length of the Barrel. The chart indicates a 22" or 24" Barrel. The possibility of providing a 26" Barrel will be considered in the development of the rifle.

As indicated in Exhibit 1, the objectives of rustproofing and recoil reduction are included. The possibility of the use of alloyed gold for rustproofing, lubrication and coloring is being investigated. Recoil reduction is automatically obtained in autoloading rifles but the pump and lever action rifles would need additional devices to provide this feature.

As indicated, the handling and balance would be equal to the 410 gauge Model 1100. In considering styling and appearance, the possible reproduction of hand engraving and checkering by numerical control is being considered.

Marketing advised that a new center fire rifle is required to meet the Browning competition and indicated that the new center fire rifles would probably be introduced in the premium grade. Replacement of the Model 742 and 760 would be indicated after the market status of the new models was firmly established. A companion lever type rifle to the new autoloading and pump models was suggested as a timely addition to the line because it could accommodate the larger calibers. Marketing will determine if a lever action of this type should be considered.

AUTOLOADING SHOTGUN

Exhibit 3 covers the proposed specifications for a new auto-loading shotgun. While the Model 1100 is meeting the present