

SHOTGUNS - contd.MODEL 1100, 20 GAUGE LIGHTWEIGHT SHOTGUN - contd.

The Locking Block shear strength was not affected. Under shooting load the undersize Locking Block reduces the bearing strength of the locking system and shortens the life of the mechanism. R & D tests indicate that "hairline" cracks in the Locking Block start appearing after firing six hundred (600) rounds of magnum loads. At fifteen hundred (1500) rounds, the crack has not progressed. The system is so designed that if there is complete failure of the Locking Block, the gun will jam nullifying the possibility of blowup.

It was agreed that markings on the Receiver and Barrel should include "LW" as a designation of the lightweight. This is to assist dealers and customers in distinguishing between the regular and lightweight 20 gauge shotgun parts. R & D will have samples engraved for Marketing approval the first part of July. 83

In later discussion of the Model 1100, 20 gauge lightweight magnum; Model 870-1100, 12 and 20 gauge left hand, and the proposed Model 870, 20 gauge lightweight shotguns, it was indicated that a similar type of designation will be required. R & D will review the marking with Marketing.

Committee Action:

Based on the information presented to the Committee, it was agreed that Model 1100, 20 gauge lightweight shotguns shipped in June will not be recalled.

Arms Service is to check the Locking Block in any returned Model 1100, 20 gauge lightweight shotguns produced with the June code marking. Replacement is to be made if the Locking Block is undersize.