

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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Ilion, New York
September 19, 1978

TO: W. J. BOETTNER

FROM: J. W. BROOKS *JWB*

MODEL 700 BDL Varmint - 308 Caliber

We have rechecked the information that was put together back as far as 1975. At that time the rifle was weighted along with the various components.

Barreled actions were weighted. They included Barrel, Receiver, Bolt Assembly Complete, Fire Control, Follower, Magazine, Magazine Spring, 2-bolts, Trigger Guard Assembly, and two scope bases with four screws.

Max.	6# 8 9/16 oz.
Min.	6# 7 3/8 oz.
E.V.	1 3/16 oz.
Avg.	6# 8 oz.

Stocks were weighted. They included Butt Plate, 6 screws, and 2 sling swivel screws and grip caps.

Max.	2# 10 7/8 oz.
Min.	2# 3/8 oz.
E.V.	10 1/2 oz.
Evg.	2# 6 1/8 oz.

Complete Rifle - Average of 20

Max.	9# 3 oz.
Min.	8# 6 oz.
E.V.	13 oz.
Avg.	8# 10 1/2 oz.

Remington scope complete with bases & screws	1# 4 oz.
Lyman 8X scope complete with rings & bases	1# 1 1/2 oz.
Lyman 10X scope complete with rings & bases	1# 1 1/8 oz.

To: W.J. Boettner
From: J.W. Brooks
Model 700 BDL Varmint - 308 Caliber

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The NRA rules call for a rifle and scope weight maximum of 10# 2 oz. In the majority of cases the standard weight of 8# 10 $\frac{1}{2}$ oz. plus the heaviest scope (Remington at 1# 4 oz.) we come up with 9# 14 $\frac{1}{2}$ oz., or 3 $\frac{1}{2}$ oz. below the NRA maximum weight limit. The heaviest stock of the 20 weighed was 9# 3 oz. With the type of scope normally used such as the Lyman previously mentioned, the rifle and scope combination would weigh 10# 4 $\frac{1}{2}$ oz.

There are several options that can bring the rifle into the weight specifications.

Sling swivel screws (2)	3/4 oz.
Magazine	2 $\frac{1}{2}$ oz.
Follower and spring (M/700)	2 oz.
Follower and spring (M/600)	1 oz. (this is a stamped follower)

Removal of the magazine alone would bring the heaviest rifle in the lot down to the 10# 2 oz. weight. The sling swivel screws would bring it down further. We could go down further if the spring and follower are left out. Silhouette shooters single load.

We would recommend this information be given to the field force for use in meeting the weight specifications. This is a much simpler way to go than to have production try to weigh, select and hold stocks for 308 calibers.

If you wish further information or have further questions, please let us know.

JWB:T
Ilion Research Division