

*V. J. De Reus*

REMINGTON ARMS COMPANY, INC  
R&D Research Division  
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## FIELD TEST SUMMARY

### MODEL 500 MAGNUM CARBINE Caliber 250 Rem. Mag.

For field test purposes, a Model 500 Magnum Carbine was mailed to each of five Remington Regional Managers. A cover letter by R&D Ilion, dated October 1964, requested complete and confidential evaluation of each carbine.

All five carbines were telescope mounted (#294 Redfield) and each shipment included 120 rounds of ammunition -- 60 rounds of 200 grain and 60 rounds of 250 grain weight.

Reports were received during the months of November and December from each of 5 regional offices; i.e.,

1. Berkeley, California	D.L. Braun/L.G. Dick
2. Cleveland, Ohio	C.W. Roney/
3. St. Louis, Missouri	M.D. Berkeley/G.T. Porter
4. Dallas, Texas	E.B. Spencer/Dewey Godfrey, Jr.
5. Memphis, Tennessee	J.C. Ridley/G.W. Martin

These reports have been reviewed and summarized in categories below:

**APPEARANCE** - was considered attractive, excellent, or well designed in three (3) of the five (5) reports. No objectionable comments were noted in the remaining two (2) reports. One report mentions "impression of custom made rifle"; another "unique - will add materially to consumer acceptance".

**CARRYING, HOLDING, POINTING** etc. - generally rated as excellent in two (2) reports. Nothing of a negative nature appeared in other reports. This bears out R&D early prediction in this respect. "Well designed" was listed in the final analysis of one report.

**ACCURACY** - was generally rated as outstanding in all reports. Bench rest group of 1 1/2 inches and "very fine" ten shot groups at 100 yds. was noted, in two (2) reports. Excellent 3-shot groups were noted in a third (3) report.

Offhand accuracy at 50 yards was quoted as "surprising" and very acceptable in one report.

A point of impact variation from 4 to 7 inches was noted when using the 250 grain ammunition in two (2) reports.

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LONG EYE RELIEF SCOPE - was listed as excellent in two (2) of five (5) reports. No criticism in a third report, a "growing desirability" in another. A fifth report was not particularly clear as to adaptability of telescope mounting.

RECOIL - was considered as heavy to severe in all five reports. Most reports listed this as expected and not particularly abusive. "No discomfort" was the phrase used in one report. Muzzle-jump during bench shooting was noted. Recoil during offhand shooting was considered generally as not objectionable. Double recoil pad was suggested in one report.

MUZZLE BLAST - this appears to receive the strongest criticism. Two test results reported pain or "ringing in ear" sensations. Two reports made no mention of blast. A fifth termed it terrific for bystander but not objectionable to shooter.

FUNCTION - this includes all phases of operation and was considered as excellent in one report, smooth and positive in another. No objection was noted during firing, trigger pull, extraction, or ejection. Two reports mentioned difficulties in feeding from magazine and one on bolt closing or chambering the cartridge. Feeding from a full magazine or last cartridge from magazine was noted in these two reports. An unstable magazine follower was noted in this last malfunction.

A blunting of cartridge nose (F.S.F.) in magazine was found quite objectionable in one report and not so in another.

An audible safety snap was termed as "unwanted" in one report.

ACCEPTANCE - generally noted as good. Reports listed such phrases as:

- "Enjoy good sales ... if price is right."
- "Big seller in some sections of country."
- "Should be accepted by hunters who want an extra light weight MAGNUM".
- "Another winner in the making."

JFP:T  
(for F.E. Morgan)