

*Remington.*



REMINGTON ARMS COMPANY, INC.

TELEX  
964-201  
STRATFORD, CT

SPORTING ARMS-AMMUNITION-TARGETS-TRAPS

939 BARNUM AVENUE  
P.O. BOX 1939

TELEPHONE  
803-333-1112

BRIDGEPORT, CONNECTICUT 06601

March 31, 1983

TO OUR DISTRIBUTORS:

Remington Arms Company has discovered a problem that may develop with the Model Seven rifle and is requesting you hold further delivery of the Model Seven that remain in your inventory until notified. This letter provides you with the necessary details regarding this request.

We have discovered that if a Model Seven rifle is disassembled after it leaves the factory, it is possible for the rifle to be reassembled incorrectly, producing off-center trigger alignment that might cause subsequent malfunction of the trigger and accidental firing of the rifle.

Since a rifle may be disassembled at any time in the future for one of several reasons, we wish to update all Model Seven rifles with a preventative modification that eliminates the possibility of such incorrect reassembly. As a result, if you have not already done so, we are requesting your assistance with the following actions:

1. Please hold any Model Seven rifles still in your inventory.
2. Please send to us (c/o Remington Arms Co., Inc., 939 Barnum Avenue, P. O. Box 1939, Bridgeport, CT 06601, Attention J. D. Glenn) or provide your Remington Field Representative with a list of the names and addresses of dealers to whom you have shipped Model Seven rifles with matching serial numbers for those rifles. We will then contact those dealers with instructions for the updating modification.

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3. Please return any Model Seven rifles still in your possession to the Remington warranty gunsmith service location nearest you for the updating modification. A list of such locations is enclosed. If it is inconvenient or difficult for you to return Model Seven rifles to a warranty service location, you may also ship them to:

Remington Arms Co., Inc.  
Arms Service Division  
Ilion, NY 13357

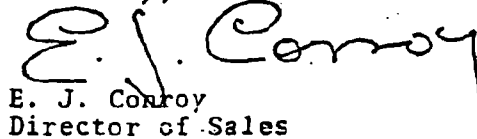
To expedite, shipments should be made prepaid. Upon receipt of a copy of your freight bill, Remington will issue a check for same. Your receipt should also be referred to J. D. Glenn (c/o Remington Arms Co., Inc., 939 Barnum Avenue, P. O. Box 1939, Bridgeport, CT 06601) for handling.

In returning Model Seven rifles to either location, please include your company name and return mailing address inside each box. The updating of your rifles and return to you will be accomplished as quickly as possible. While the possibility of the described malfunction is remote and it can occur only if the rifles are disassembled after they leave the factory, we believe it is in the best interests of the eventual owner to have this preventative modification performed.

We apologize for whatever inconvenience this may cause you. This update applies only to Remington Model Seven rifles shipped prior to this date and not to any other Remington models. The corrective action will be incorporated into all Model Seven rifles to be shipped in the future.

If you have any further questions, or if any of your dealers have questions concerning this request, please feel free to call us on the following toll free number, 800-243-2953 (operational after April 8, 1983), between 8:00 a.m. and 4:30 p.m. Eastern Standard Time.

Sincerely,

  
E. J. Conroy  
Director of Sales

EJC/dr  
Enc.

March 83

a jam condition can be created which is difficult to clear without removal of the fire control. While no complaints have been received from the field, modifications have been considered which will prevent jamming under the above conditions. Proposed modifications include changes to the slide and carrier assemblies.

Preliminary tests have been successful using slides modified to include an additional shell latch and carriers modified to provide additional shell clearance. Three (3) modified Model 870 Riot endurance test shotguns have been turned over to the Research Test Lab for a 20,000 round endurance test. The test will include a 25 round test of the jam condition after every 1,000 rounds.

Marketing has expressed concern about the disassembly of the action. With the new design slide latch, the fire control must be removed in order to depress the slide latch to remove the action bar assembly. Revisions are being considered to both the slide latch and carrier to simplify the disassembly feature. Our goal is to make the disassembly no more difficult than the standard (field) Model 870. However, in order to correct the jam condition and still maintain our standard for malfunction rate, this may not be achievable.

MARCH 83

(F. E. Martin, T. G. Bauman)

Two (2) new rifles are included in the bolt action program, replacements for the Model 700 Classic and BDL, respectively. The replacement for the Classic will be designated the Model 700 *Lightweight* and is planned for 1985 introduction. While a designation has not yet been determined, the replacement for the BDL is currently scheduled for 1986 introduction. Both rifles will feature a stock designed by Bob Emmons and a lightweight barrel contour. The BDL replacement will include other distinctive styling changes, such as an octagonal receiver with integral scope mounts. Functional improvements to the BDL will include a rotary magazine box for more reliable feeding, fully enclosed claw type extractor for added strength, no bind-easy lift bolt for smoother action, receiver with heavier — integral recoil lug for added stability, a redundant safety switch, and a fully adjustable fire control that does not require removal from the stock.

March 83

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One (1) new Model 700 *Lightweight* with the latest design specifications has been assembled for review with Marketing. Parts list and drawings have been completed with the exception of the stock which will be completed in June.

The second generation of the Model 700 BDL replacement is scheduled for review in mid-April. A new extractor has been designed and fabricated to add strength and appearance to the bolt face. Testing has been delayed due to Project priorities. The fourth model gun from Bob Emmons featuring metal work by Pete Grisel has been received and evaluated by Research and Marketing. Some features may be considered by the BDL Replacement.

Model 7400/7600 Centerfire Rifles (R. S. Murphy, A. R. Eddy)

The Model 7400 and 7600 rifles were developed as replacements for the Model 742 and 760, respectively, and were introduced in 1981. The 7400 .223 Carbine is being developed as a sporting version of that popular cartridge to augment this product line. As this new version is implemented into production, continued Research support will be necessary to assist in start-up.

Model guns illustrating the newest design options and preliminary economics for the .223 Carbine have been reviewed by Marketing. Agreement has been reached on the stock and fore-end design with the final barrel configuration yet to be determined. The stock and fore-end will reflect the present contour with a toned down finish and birch wood. Marketing feedback has shifted design emphasis from the 4 shot box to one with a ten-round capacity. Specifications for the preferred design at this point include a magazine release on the box and no bolt release. Preliminary layouts have been completed and final drawings for two (2) designs will be completed by June. Test rifles are being built to reflect the latest design options.

STATUS - CURRENT PRODUCT DEVELOPMENT (J. W. Brooks)

Model 870 Police Shotgun (T. J. Plunkett)

Marketing has requested a shotgun in 12 Gauge with a 3" Magnum, 18 inch, full choke barrel and Parkerized finish for addition to the line

April 83

Model 870 Riot Shotgun

(A. A. Hugick, T. G. Bauman)

Three (3) test guns with the new slide block and carrier design have been tested to 750 rounds with no apparent problems. These endurance tests will be extended to 50,000 rounds to confirm acceptability of the design. Tests are being delayed due to priorities placed on other programs. Engineering drawings have been turned over to Process for cost evaluation. Alternative designs are being considered to facilitate disassembly.

Model 7400 Carbine

(R. S. Murphy, A. R. Eddy)

Preliminary design has been completed on a ten (10) shot magazine box for the Model 7400, .223 caliber carbine. Contact with vendors on magazine prototypes is scheduled for the week of April 25th. Function testing continues on the four (4) shot box with no significant problems after approximately 5,000 rounds. Turned barrels will be finished the week of April 25th.

~~Model 700 Lightweight~~

APRIL 83

(F. E. Martin, T. G. Bauman)

The first sample of the Model 700 Lightweight (scheduled for 1985) has been completed and is being reviewed by Research and Marketing. A second sample (featuring a cast off-toe out stock) has been assembled and is available for examination.

Work on the Model 700 BDL replacement (tentatively scheduled for 1987) is continuing. The first prototype is 80% complete.

CURRENT PRODUCT DEVELOPMENT

(J. W. Brooks)

Model 870 Police Shotgun

(T. J. Plunkett)

A prototype has been completed of the 12 Ga. Magnum Police Shotgun with an 18" full choke barrel. Prototype barrels are ready for Design Verification of point of impact. Tests will be completed by May 6.

May 83

Model 111 Autoloading Shotgun

(D. S. Findlay, J. L. Kast)

The Model 111 is tentatively scheduled to replace the Model 1100 in 1987. Objectives include improved strength, lighter weight, and new styling features. One (1) prototype is in endurance test. Four (4) additional samples will be assembled for Design Verification testing pending results of the test on the first sample.

Model 7400 .223 Carbine

(R. S. Murphy, A. R. Eddy)

Preliminary design has been completed on a ten (10) shot magazine box for the Model 7400 .223 caliber carbine. Contact has been made with two (2) vendors on fabrication of prototype magazines. They have been supplied with model drawings and a Request for Quote on development parts. Ten (10) additional Model 7400 .223 carbines with the latest specifications will be assembled the week of May 23rd. Function testing on the four (4) shot has been held at approximately 5,000 rounds due to project priorities.

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May 83

(F. E. Martin)

Two (2) prototypes of the Model 700 *Lightweight* have been completed and reviewed by Research and Marketing. Thirty-six (36) prototypes of 30-06, 270, and 280 caliber are being fabricated for testing. Barreled actions will be completed by mid-June. However, stocks will not be completed until the end of August.

Model 1100/870 Slug Barrel Investigation (A. A. Hugick)

Preliminary design investigation of a reduced I.D. barrel configuration is in progress. Prototypes with the barrel mounted scope mount and various choke/bore designs are planned for testing in July.

June 33

using 3 inch Magnums and 2-3/4 inch high base ammunition. At the end of each 1,000 rounds, 25 rounds are fired testing the jam condition.

There has been no apparent problems with the anti-jam design feature components and the guns will be continued to 20,000 rounds per gun endurance level. Estimated test completion date is August 1, 1983.

Engineering drawings have been turned over to Production for estimating.

Upon endurance completion and approval, finished model drawings will have to be prepared for Production and then transmitted to Production. Also, a new Model 870 Police gun catalog or supplement will have to be prepared and supplied.

~~BARBER - PRESALE R 0113510~~ JUNE 33 (F. E. Martin)

Two (2) new rifles are included in the bolt action program, replacements for the Model 700 Classic and BDL, respectively. The replacement for the Classic will be designated the Model 700 Lightweight and is planned for 1985 introduction. While a designation has not yet been determined, the replacement for the BDL is currently scheduled for 1986 introduction. Both rifles will feature a stock designed by Bob Emmons and a lightweight barrel contour. The BDL replacement will include other distinctive styling changes, such as an octagonal receiver with integral scope mounts. Functional improvements to the BDL will include a rotary magazine box for more reliable feeding, fully enclosed claw type extractor for added strength, no bind-easy lift bolt for smoother action, receiver with heavier - integral recoil lug for added stability, a redundant safety switch, and a fully adjustable fire control that does not require removal from the stock.

The replacement rifle for the Model 700 Classic has been accepted by Research and Marketing. Parts list and drawings are being prepared to meet the transmittal date of August 1, 1983. Warehouse date of this rifle is planned for November 1984.

Work on the BDL Replacement will continue on completion of the

JUL 83

above program. Testing of the proposed extractor change is planned to start in September with the completion of the prototypes. Work on the rotary magazine components is continuing. A test schedule will be determined with the completion of the magazine assembly. The magazine rotor, spring retainers, and end plate have been completed. The magazine box is expected by July 20, 1983.

Model 7400/7600 Centerfire Rifles

(R. S. Murphy, A. R. Eddy)

The Model 7400 and 7600 rifles were developed as replacements for the Model 742 and 760, respectively, and were introduced in 1981. The Model 7400 .223 carbine was being developed as a sporting version of that popular cartridge to augment this product line.

Due to the cancellation of this project, efforts are being concentrated on collecting all technical data and design specifications and recording this information. For future reference, various prototypes will be completed and assigned to the Research Gun Library. An AI Report will follow.

All preliminary 7mm-08 and .25-06 work (orifice, pressure data) has been completed. A number of rifles in both calibers have been built and test fired satisfactorily. Drawings only would have to be updated for transmittal if this is desired. We are still waiting for a priority to get preliminary measurements on ten (10) standard .308 rifles. This is necessary before work can commence on data confirmation for the carbine length barrel.

One (1) .257 Roberts model has been built and orifice and pressure data is acceptable. This rifle has been field tested with very good results. Barrels are being readied so that additional models can be built to verify our results. Other calibers currently being considered for evaluation are the .250-3000 Savage, 7mm Mauser, and possibly the .35 Remington. Some barrels have been allotted for these calibers and efforts will be made to get orifice and pressure work done.



July

Parker Double Barrel Shotgun

(D. S. Findlay)

Reintroduction of the classic Parker side-by-side double barrel shotgun is being considered. Arrangements are proceeding to complete one VH Grade 12 Gauge Parker by August 15, 1983.

A partial set of drawings from Jesse Briley on a 20 Gauge Parker has been received. These drawings are undergoing engineering evaluation. Once the remaining drawings of the package have been received, they will be sent out for cost estimating by Process Engineering.

~~REDACTED~~ JULY 83 (F. E. Martin)

Work on the Model 700 Lightweight transmittal is 65% complete. Date for completion is August 15, 1983. Initial accuracy testing will start July 25, 1983. Prototype stocks are being made and will be available for additional testing August 20, 1983.

Drawings for the Model 700 BDL Replacement have been released to PE&C for a preliminary cost analysis.

Model 7400/7600 Centerfire Rifles

(R. S. Murphy, A. R. Eddy)

The Model 7400 .223 Carbine project has been discontinued. 7mm-08 and .25-06 testing has been completed and drawings need to be updated for transmittal when needed. The .308 caliber carbine testing has been delayed due to other development schedule priorities.

CURRENT PRODUCT DEVELOPMENT

(J. W. Brooks)

Model Seven Lightweight Rifles

(D. E. Bullis)

With the decision to go to an aluminum floor plate and trigger guard casting, drawings are being completed to be sent to a vendor by the first week of August. He will visit the plant the middle of August to discuss dimensioning if changes are required.

Preliminary testing of ten prototypes to over 2,000 rounds was satisfactory. Some dimensional changes were required and new prototypes are being built. They will be complete by September. A sensitivity and function test of the modified design will be run at that time.

August 23

Model 870P shotgun disassembly and assembly with the proposed anti-jam latch slide appeared to be a major problem for the F.B.I. Academy. Shotgun action disassembly/assembly difficulties demonstrated at the August 11 Remington Arms - F.B.I. contact meeting in Quantico, Virginia may require a redesign.

Parker Double Barrel Shotgun

(D. S. Findlay)

Reintroduction of the classic Parker side-by-side double barrel shotgun is being considered. One VH Grade 12 Gauge Parker has been completed and delivered to Marketing.

A partial set of drawings from Jesse Briley on a 20 Gauge Parker has been received. These drawings are undergoing engineering evaluation. Once the remaining drawings of the package have been received, they will be sent out for cost estimating by Process Engineering.

~~August 23~~ August 23 (F. E. Martin)

Transmittal and accuracy testing will be complete by September 15.

Initial accuracy results for .30-06 gave a four gun average of 1.69". Present specification is 3.5".

Four guns are being assembled for Marketing Field Testing. These are to be completed by September 8.

CURRENT PRODUCT DEVELOPMENT

(J.W. Brooks)

Model Seven Lightweight (1984 Introduction) (D. E. Bullis)

Drawings for the aluminum floor plate cover and trigger guard have been completed and delivered to Purchasing. They have been sent to the vendor and he will be here August 25 to discuss dimensioning and tolerances to fit in with proposed Process Engineering manufacturing processes.

The N/C Shop has completed a dozen prototype trigger guards. They will have floor plate covers by September 6.

A program is being written to have stocks inletted for the above prototype trigger guards.

Sensitivity tests will be run with the new design in September.

*Sept 83*  
(F. E. Martin)

Model 700 Lightweight drawing and parts list transmittal will be completed by October 1, 1983. Work on this model is expected to be complete by October 20.

Work on the Model 700 BDL Replacement will resume to meet the scheduled 1986 introduction. The new BDL will include the following functional improvements: a rotary box magazine for feeding reliability, a new fully enclosed claw extractor for added strength, a no-bind easy lift bolt for a smoother action, a receiver with a heavier integral recoil bracket for stability, and a fully adjustable fire control with redundant safety switches.

Testing of the new extractor will be starting in September with the completion of prototype assemblies.

STATUS - CURRENT PRODUCT DEVELOPMENT (J. W. Brooks)

Model 870/1100 Waterfowl Shotgun in 12 Gauge (1985 Introduction)

(P. Nasypany)

Marketing has received requests for shotguns that will better withstand the conditions under which they will be used.

The models will feature three inch magnum vent rib barrels with chrome plated bores, rust resistant Parkerized metal finish, and stained birch stock and fore-end with oil finish.

Ten Model 870 prototype shotguns for design verification will be ready by the end of September.

Two Model 1100 prototypes are ready for testing to determine the effect of a Parkerized finish on bolt velocity and gun function. Parts for twenty-five design verification models have been started.

Sportsman 12 Pump Shotgun (1984 Introduction)

(T. J. Plunkett)

Marketing has requested a low cost version of the Model 870 12 Gauge Pump Shotgun for 1984 and will call it the Sportsman 12 Pump. Prototypes have been made and shown to Marketing.

External appearance will remain the same except for the following:

- Reduced receiver finish. No mill and matt on top radii.  
Roll marking on side panel to be Sportsman 12 Pump.

prevent the malfunction or make it easy to correct. Cost estimates for these designs will be available for review in November.

~~CONFIDENTIAL~~ OCTOBER 23 (R. S. Murphy, F. E. Martin)

A drawing package, complete with a preliminary stock drawing has been sent to Process for estimating. A total of 36 barreled actions have been built and the stocks are being processed. These guns will be used for the final Research accuracy and function testing.

Sportsman 74, Sportsman 76 (R. S. Murphy)

The drawing package for the Sportsman 74 is nearly complete. The parts list has been sent to PE&C for estimating. Process Engineering will be building all rifles for testing and evaluation. Work on the Sportsman 76 will begin Monday, October 24.

CURRENT PRODUCT DEVELOPMENT (J. W. Brooks)

Model Seven Lightweight - .308 and 7mm-08 Caliber

(D. E. Bullis)

Parts list and drawings of the aluminum trigger guard, floor plate cover, and other parts required with this change have been transmitted to Process Engineering.

Sensitivity testing of ten (10) prototype aluminum assemblies has been completed and results are satisfactory.

Model Sportsman 12 Pump (T. J. Plunkett)

Transmittal complete.

Model Sportsman 78 (T. J. Plunkett)

Transmittal complete.

MATERIALS AND PROCESS DEVELOPMENT (J. W. Bower)

Injection Molding - Firearms Components

(M. J. Topolski, K. C. Rowlands,  
B. Panagian)

Additional M/700 magazine followers, showing various types of

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NEW PRODUCT DEVELOPMENT

(J. S. Martin)

Model 1100 Special Field Shotgun

(D. S. Findlay, T. P. Powers)

The elastomer buffer fore-end design has been transmitted to the Plant and tooling and part fabrication for trial and pilot has been initiated. Production deliveries to the warehouse are scheduled to begin in March.

Model 870 Special Field Shotgun

(D. S. Findlay, F. H. Smith)

Samples for Marketing evaluation and catalog pictures are complete. Trial and pilot samples for testing and evaluation have been started. Pending Research approval, initial warehouse deliveries will begin in February.

Model 870 Restyle 12 Gauge

(D. S. Findlay, K. L. Calkins)

The Model 870 Restyle is being developed to replace the current 870 in 1985. The engineering estimate completed by Process on the drawing package supplied to them indicated a negative unit margin. As a consequence, Marketing, Research, and Process are reviewing current features, volumes, and selling prices to obtain a positive economic outlook for the program. It is anticipated that a revised economic forecast and drawing package will be ready to present in December.

Model 870/1100 Deer Gun

(D. S. Findlay, F. H. Smith)

It is planned to introduce a new deer barrel in 1985 to replace the current offering. This redesigned barrel in both models in 12 gauge will feature a 21" barrel and a rear sight base capable of mounting a long eye relief scope with a variety of mounts. Drawings for estimating by Process have been completed and samples will be completed by November 30.

NOVEMBER 83 (R. S. Murphy, F. E. Martin)

A drawing package has been sent to Process for estimating. A question has been raised with respect to Production's ability to checker the stock and alternate patterns are being developed. A total of 36 barreled actions have been built. The stocks for these actions are being made by the Custom Shop. Final Research accuracy and function testing will begin when these rifles have been completed.

Sportsman 74, Sportsman 76

(R. S. Murphy)

The Sportsman 74 parts list and drawing package is complete and awaiting authorization for transmittal. The Sportsman 76 parts list

Model 870-1100 Waterfowl Guns

(T. J. Plunkett)

These guns (1986 introduction) are being developed to offer Waterfowl shooters a specialized gun. They will complement the Deer Guns and have common features of Parkerized metal finishes, and oil finished brick stock and fore-end. Also included is a 30" full-choke, vent-rib barrel with chromed bore, and a camouflaged sling strap.

Prototype guns for test and Marketing evaluation have been assembled. Research testing is scheduled to be complete by January 30.

Choke Tube Development

(T. P. Powers)

A choke tube system is being developed to offer shooters the convenience of a variable choke barrel to adapt to different hunting situations encountered in the field. The initial strategy is to offer Briley choke tubes in mid-1984 and Remington tubes in 1986.

Testing of Briley's tube design is scheduled to be completed by February 15. Transmittal and approval is expected at the February Operations Committee meeting. The Remington design is to be tested by June 1984, with project approval and transmittal scheduled for August.

STATUS - RIFLE DEVELOPMENT

(R. S. Murphy)

~~REDACTED~~ DECEMBER 23 (F. E. Martin)

The Mountain Rifle has been designed to deal with the higher end of the bolt action rifle line. It is scheduled for 1985 introduction as a replacement for the Model 700 Classic. Specifications include the lightweight Model Seven barrel contour, 30-06, 270, and 280 caliber offerings, and a new Bob Emmons style stock.

Stocks required for final accuracy testing have been completed by the Custom Shop and are being finished by Production. Accuracy testing will require approximately two weeks. Preliminary drawings have been given to Production for cost estimating.

New Bolt Action Rifle(F. E. Martin, K. L. Calkins,  
R. H. Smith)

A new bolt action rifle is being developed as a replacement

for the Model 700. A 1988 introduction is scheduled.

Model guns in three different configurations should be ready for review with Marketing by the end of May.

Sportsman 74/76

(A. R. Eddy)

These rifles are lower-priced versions of the Models 7400 and 7600, and continues the introduction of the Sportsman line of shotguns and rifles.

The drawing packages and parts lists are complete. Authorization to transmit is expected at the December Operations Committee meeting.

Model Seven Lightweight

(R. S. Murphy)

The Model Seven is a short, lightweight, bolt action centerfire rifle developed to replace the Model 600, which was discontinued in 1969. Trial and pilot testing indicated that the steel trigger guard assembly was unsatisfactory. A cast aluminum trigger guard has been designed as an alternative.

Trial and pilot productions guns with aluminum trigger guards are scheduled for Research verification testing in early February.

STATUS - CURRENT ARMS

(J. A. Lawrence)

Model 870 P Riot Shotgun

(A. A. Hugick)

Occasionally a shotgun shell can jam between the carrier and the slide assembly making the Model 870 P shotgun very difficult to operate. Several design modifications have been developed to prevent the malfunction.

Research has come up with a new design called the flexi-tab design. It requires the breech bolt and slide to be modified and the carrier to have the center section modified to act as a spring loaded shell stop.

Prototypes have been made and the system works well. Nine Model 870 P Riot Guns have been assembled with the new flexi-tab system. Samples have been turned over to our Field Representatives to evaluate with the F.B.I., California Highway Patrol, etc.

The new design corrects the jam condition, satisfied the complaints about the assembly/disassembly, and can be retrofitted