

FIREARMS RESEARCH DIVISION

CATEGORY II

Jan.
Origination Date 1982

Update(s) _____

Project Title: Bolt Action Rifle Development Program

Project No.: Q-5000

Objective: To investigate and design a new concept bolt action rifle and assure our position in the market place for the dollar value. This project is to include a new receiver and stock design, new fire control, review of the bolt lock system, new scope mounts/sights, and review of the feed system (such as detachable box, etc.). Other concepts to be investigated include expendable case, electronic ignition, and light weight designs. The gun will retain the M/700 lock up and extractor design.

Commitment: The program will be in three parts. Part I, to be completed by January 1983, will include a new receiver/stock design, minor changes to the fire control, revised sights, and the addition of scope mounts. Part II, to be completed by June 1983, will add the feed system, bolt lock system, and light weight concept. Part III, to be completed in 1984, will include the investigation of expendable case ammunition and electronic ignition.

Personnel Assigned: Martin

Designers/Engineers 4 Man Years

Test Lab and N/C Support .5 Man Years

Budget Operating Expenses 1982 \$ 430 M (including testing)
Research Capital Project/Expenses \$ _____

Uncertainties:

- Can a receiver be restyled and still be cost effective?
- Can a stock be manufactured on a production basis that meets the needs of the customer and marketing?
- Will expendable case ammunition be the answer for future gun designs?

PLAINTIFF'S
EXHIBIT

3126

AL 0024005

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FIREARMS RESEARCH DIVISION

Program Steps and Timing

Responsibility

Completion Date

Part I

- Design new receiver and stock
- Design scope mounts and sights
- Design new fire control

Martin

July '82

Martin

Nov. '82

Martin

Jan. '83

Part II

- Design bolt lock system
- Design weight reduction
- Design feed system, box, etc.

Martin

Sept. '82

Martin

Jan. '83

Martin

June '83

Part III

- Design system for expendable case ammunition
- Design electronic ignition system

Martin

Jan. '84

Martin

June '84

Note: These dates are only for design and do not establish any production or announcement dates.

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