

Origination Date:  
Update(s):

NEW PRODUCTS RESEARCH - FIREARMS

PROJECT TITLE: Molded Synthetic Long Stock

PROJECT NO.:

OBJECTIVE: To develop a molded synthetic long stock to perform at least as well as the best synthetic stock currently available. A secondary goal is for as-molded drop in assembly with few or no secondary operations.

COMMITMENT: To developing stock specifications, overseeing the design, identifying a vendor and coordinating the prototype manufacture and test program.

PERSONNEL ASSIGNED:

F.H. Smith - .4  
R.S. Murphy - .2

BUDGET: Operating Expenses  
Research Capital/Project Exp.

\$ \_\_\_\_\_  
\$ \_\_\_\_\_

UNCERTAINTIES:

- o Budget
- o Stock material
- o Stock design
- o Cost per unit
- o Process/secondary operations required

**Firearms Research Division**

<u>Program Steps and Timing</u>	<u>Responsibility</u>	<u>Completion Date</u>
Develop specifications for molded stock		Jan 1
Contract design work to EDL		Jan 1
Identify vendor		Jan 15
Stock design complete		March 1
Mold complete		July 15
10 prototype stocks ready for test		Sept. 1
Engineering evaluation		Oct. 1
Research recommendations		Oct. 15
Redesign		Dec. 1
Alter mold		Feb. 1, 87
Prototype stocks ready for test		March 15, 87
Engineering evaluation		April 15, 87
Design acceptance test sample (40)		May 15, 87
Design acceptance test		July 1, 87
Transmittal		July 1, 87

RSM:sps  
11/14/85

18

ORIGINATOR: \_\_\_\_\_

Update (s) \_\_\_\_\_

42 58

NEW PRODUCTS RESEARCH - FIREARMS

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Molded Synthetic Long Stock

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Personnel Assigned: FH Smith .4  
R S Murphy .2

Budget: Operating Expenses \$ \_\_\_\_\_  
Research Capital/Project Expenses \$ \_\_\_\_\_

## Uncertainties:

Budget  
Stock Material  
Stock Design  
Cost per Unit  
Process/Secondary Operations Required

FIREARMS RESEARCH DIVISION

B6

40

60

Program Steps and Timing

Responsibility

Completion Date

Develop Specifications  
for Molded Stock

Jan 1

Contract Design work  
to EDC

Jan 1

Identify Vendor

Jan 15

Stock Design Complete

March 1

Mold Complete

July 15

10 Prototype Stocks Ready  
for Test

Sept 1

Engineering Evaluation

Oct 1

Research Recommendations

Oct 15

Redesign

Dec 1

Alter Mold

Feb 1, 87

Prototype Stocks Ready  
for Test

March 15, 87

Engineering Evaluation (OVER)

April 15, 87

CONFIDENTIAL - TEST BASIS

Design Acceptance Test Sample  
(40)

May 15 87

Design Acceptance Test

July 1, 87

Transmittal

July 2 87