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

Program Steps and Timing	Responsibility	Completion <u>Date</u>
Develop specifications for molded stock		Jan l
Contract design work to EDL		Jan l
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

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Origination mate

Update (s)

42. 50

NEW PRODUCTS RESEARCH - FIREARMS

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Project No.

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

Budget: Operating Expenses \$

Research Capital/Project Expenses \$

Uncertainties:

Stock Malerial
Stock Design
Cast per Unit
Process/Secondaring Operations Regioned

Co a

Jan 1

for Molded Stock Contract Design work

Develop - Specifications

Jon 1

to EDL

Identity Vendor

March 1

Jon 15

Stock Dosign Complete

July 15

Hold Complete

Sept 1

10 Prototype Stocks Ready

Oct 1

Engineering Evaluation

Oct 15

Research Recommendations

Dec 1

Redesign

for fest

feb 1,87

Alter Mold Problype Stocks Ready

March 15,87

Engineering Evoluation (OVER)

April 15,87

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Design Acceptance Test Somple (40)

Design Acceptance Test

Tronsmittal

May 15 87

July 1, 87

July 187