

ROUGH DRAFT

JUNE 20
~~MAY 5~~, 1989

CONFIDENTIAL

RESEARCH DEVELOPMENT COSTS
FOR
NEW BOLT ACTION RIFLE (NBAR)

RESEARCH DEVELOPMENT COST ESTIMATE: Jan. '89 thru Oct. ⁹¹~~'92~~

1. Initial Design	-	M
2. Build Initial Design Prototype Guns(3)-	-	M
- Preliminary Prototype	-	M
Tooling - temporary	-	M
3. Design Review Team Analysis	-	M
4. Test Phase I Prototypes	-	M
5. Redesign After Phase I Test	-	M
6. Build Phase II Design Samples (15)	-	M
- Prototype Tooling	-	M
- Plant Assistance	-	M
7. Test Phase II Samples	-	M
8. Redesign After Phase II Testing	-	M
9. Build Design Acceptance Guns (30)	-	M
- Prototype/Permanent Tooling	-	M
- Plant Assistance	-	M
10. Test Design Acceptance Guns	-	M
11. Minor Redesign & Transmittal To Production	-	M
12. Draft Manual	-	M
13. Test Ammunition Cost 55,000 Rounds	-	M
(5,000 Rds 1990 x .25)		
(50,000 Rds 1991 x .25)		
TOTAL DEVELOPMENT COST (1989 DOLLARS)	-	M

RESEARCH MANPOWER ESTIMATE: May '89 thru Oct. ⁹¹~~'92~~

1. Research Engineer	-	man years
2. EDI Engineer	-	man years
3. CAD Designer	-	man years
4. CAD Detailer	-	man years
5. Draftsman	-	man years
6. Model Shop Personnel	-	man years
7. N/C Programmer	-	man years
8. Test Lab Personnel	-	man years

TGB:cap
~~5/05/89~~
6/20/80