

BUDGET				
AMMUNITION RESEARCH DIVISION				
	1978	1979	1980	1981 (FCST.)
NEW PRODUCTS & PROCESSES	\$1,500M	\$1,685M	\$1,531M	\$1,977M
IMPROVED PRODUCTS & PROCESSES	\$385M	\$357M	\$465M	\$403M
TOTAL	\$1,885M	\$2,042M	\$1,996M	\$2,380M

CHART VII

AMMUNITION RESEARCH DIVISION					
1980/1981 PROGRAMS					
CATEGORY I - NECESSITY					
PROGRAM TITLE	INCENTIVES	1980		1981	
		ENGS. MANPOWER	BUDGET (\$M)	ENGS. MANPOWER	BUDGET (\$M)
ASBESTOS ELIMINATION	• ENVIRONMENTAL SAFETY (195M REDUCED PRETAX EARNINGS)	0.4	115	0.1	20
PROCESS SAFETY - PRIMERS	• IMPROVED SAFETY	0.8	129	0.5	75
POLYMER IMPROVEMENT PROGRAM	• IMPROVE SHOT/HELL BODY QUALITY	0.3	72	0.2	65

CHART VIII

AMMUNITION RESEARCH DIVISION					
1980/1981 PROGRAMS					
CATEGORY II - COMMITMENTS					
PROGRAM TITLE	INCENTIVES	1980		1981	
		ENGS. MANPOWER	BUDGET (\$M)	ENGS. MANPOWER	BUDGET (\$M)
NEW UNIBODY SHOT/HELL PROCESS	• \$1,300,000 PRETAX EARNINGS	3.4	532	4.1	650
21MM SEISMIC	• \$1,275,000 PRETAX EARNINGS	1.4	260	0.5	100
INTEGRAL ANVIL BATTERY CUP	• \$20,000 PRETAX EARNINGS • IMPROVED QUALITY • \$750,000 PRETAX EARNINGS POTENTIAL WA/NOTATION	0.6	95	0.8	160
SS PRODUCT DEVELOPMENT	• INCREASED EARNINGS • IMPROVED QUALITY	1.1	210	0.7	185
CF PRODUCT DEVELOPMENT	• INCREASED EARNINGS • SUPPORT OF FIREARMS PROGRAMS	1.2	266	1.1	310
RF PRODUCT DEVELOPMENT	• INCREASED EARNINGS	0.1	25	-	-
MATERIAL COST REDUCTION	• INCREASED EARNINGS	0.1	-	0.5	125

CHART IX