Rev.
EMI: 3-26-79

ESTIMATE # 4183

ESTIMATED SAVINGS & RETURN ON INVESTMENT
Interchangeable Mold Inserts for XP-100 Stock Assembly

ENGINEER: T.R. Andrews
DATE: 9/8/80

	Present	Proposed		
Forecast Year	1981			
Quantity Forecast (XP-100 (221)-4960; XP-100 (7mm)-1390)	6,150			
OPERATING COSTS				
Purchased Parts	$ –	$ –	$	$
Raw Material	–	–		
Standard Labor	13,230	13,760		
Labor Variance @	1,460	1,280		
Industrial Relations @	7,040	6,730		
Supplies	140	70		
Tool Replacement	730	190		
Cutter Grind	280	20		
Tool Maintenance	40	320		
Maintenance	1,370	650		
Energy	560	500		
Equipment Depreciation @	–	–		
Sub Totals	$ 24,850	A $ 22,470	$	A $
Gross Savings Before Admin. Exp.		$ 2,380		$
Admin. Exp. @4.3% Gross Savings		B $ 100		B $
Sub Totals	$ 24,850	A+B $ 22,570	$	A+B $
SAVINGS IN OPERATING COST		$ 2,280		$
Less: Income Tax @48.5 %		($ 1,110)		($
Plus: Amortization of Investment Tax Credit		$ –		$
NET SAVINGS		$ 1,170		$
INVESTMENT				
Project Expenditures		$ –		$
Manufacturing & Working Facilities		$ –		$
Net Change in Working Capital		<$ 750>		$
Total Capital Required for this Project		<$ 750>		$
RETURN ON INVESTMENT - THIS PROJECT		Infinite %		
Net Savings - After Amortization of Operation Charges		<$ 265>		$
Project Operation Charges		$ 38,500		$
Less: Administration Expense @4.3 % & Income Taxes @48.5 % (Factor .5072)		($ 19,530)		($
Total Capital Required Including Research & Development & Other Charges		$ 18,220		$
RETURN ON TOTAL CAPITAL REQUIRED		<1.4 %>		
Equipment to be Released				
Increased Space Requirements (Decrease)				
Production Capacity				
Forecast Burdening		%		