

ESTIMATED SAVINGS & RETURN ON INVESTMENT

ENGINEER: T.R. Andrews

Alteration of Molds for

DATE: 1/12/81

"/XP-100, 1 7/8 B.R. Stock Assem.

Forecast Year
Quantity Forecast

Present
1981
3600

Proposed

OPERATING COSTS

	\$	-	\$	-	\$	\$
Purchased Parts						
Raw Material						
Standard Labor		8,600		7,470		
Labor Variance @		2,150		750		
Industrial Relations @		5,190		3,940		
Supplies		100		20		
Tool Replacement		1,490		110		
Cutter Grind		690		10		
Tool Maintenance		400		140		
Maintenance		1,070		300		
Energy		400		290		
Equipment Depreciation @		-				

Sub Totals	\$ 21,140	A	\$ 13,110	\$	A	\$
Gross Savings Before Admin. Exp.			\$ 8,030			\$
Admin. Exp. @4.3% Gross Savings		B	\$ 350		B	\$
Sub Totals	\$ 21,140	A+B	\$ 13,460	\$	A+B	\$

SAVINGS IN OPERATING COST

Less: Income Tax @48.5 %		\$ 7,600	\$
Plus: Amortization of Investment Tax Credit		(\$ 3,720)	(\$
		\$ -	\$
NET SAVINGS		\$ 3,960	\$

INVESTMENT

Project Expenditures	\$ -	\$
Manufacturing & Working Facilities	\$ -	\$
Net Change in Working Capital	< \$ 2,530 >	\$
Total Capital Required for this Project	< \$ 2,530 >	\$

RETURN ON INVESTMENT - THIS PROJECT

Net Savings - After Amortization of Operation Charges	\$ 3,360	\$
Project Operation Charges	\$ 16,310	\$
Less: Administration Expense @4.3 % & Income Taxes @48.5 % (Factor .5072)	(\$ 8,270)	(\$
Total Capital Required Including Research & Development & Other Charges	\$ 5,510	\$

RETURN ON TOTAL CAPITAL REQUIRED

61.0 %

Equipment to be Released		
Increased Space Requirements (Decrease)		
Production Capacity		
Forecast Burdening		\$