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cc: J. E. Strong
G. L. Smith
H. P. Bauer

REMINGTON ARMS COMPANY, INC.
Ilion Works
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PROJECT FI-123 M/721 - TOOLING

per 8-19

Report No. 2 - 8/1/46

Work Order	Quan.	Description	Part & Operation	Charged to	
				Project	Technical
				FI-123	Pilot Line Operations
		Total from Previous Report		1,369.28	
80687	<i>Smith</i>	Receiver - Oper. #4 - Plunger Mill Mag. Slot & Ejector		2,130.00 ✓	
	2	Fixtures		2 + 40.00 ✓	4 ✓ 80.00 ✓
	6	4" Cutters 1½" hole M/722		1 ✓ 6.00 ✓	1 ✓ 6.00 ✓
	2	Spec. Spacing Collars M/722		1 ✓ 75.00 ✓	1 ✓ 75.00 ✓
	2	Arbors 50 1½ B 18-4 M/722		2 + 60.00 ✓	4 ✓ 120.00 ✓
	6	6" Cutters 1½" hole M/721		1 ✓ 6.00 ✓	1 ✓ 6.00 ✓
	2	Spec. Spacing Collars M/721		1 ✓ 75.00 ✓	1 ✓ 75.00 ✓
	2	Arbors 50-½ B 18-4 M/721			
80688	<i>Smith</i>	Receiver - Oper. #7 - Rough Mill Ejection & Bolt Handle Slot		1,890.00 ✓	
	2	Fixtures		2 + 41.00 ✓	4 ✓ 82.00 ✓
	6	3-3/4" Cutters 1½" hole 1-9/16" wide M/721		2 + 28.00 ✓	4 ✓ 56.00 ✓
	6	3-3/8" Cutters 1½" hole .437" wide M/722 *		1 ✓ 6.00 ✓	1 ✓ 6.00 ✓
	2	Spec. Spacing Collars M/721		1 ✓ 75.00 ✓	1 ✓ 75.00 ✓
	2	Arbors 50-1-½ B 18-4 M/721		2 + 33.00 ✓	4 ✓ 66.00 ✓
	6	3-3/4" Cutters 1½" Hole 1-9/64" wide M/721		1 ✓ 6.00 ✓	1 ✓ 6.00 ✓
	2	Spec. Spacing Collars M/722		1 ✓ 75.00 ✓	1 ✓ 75.00 ✓
	2	Arbors 50-1-½ B 18-4 M/722			
80695	<i>Smith</i>	Bolt Handle - Oper. #5 - Mill Top Form		280.00 ✓	
	1	Spec. Set Vise Jaws		2 + 32.00 ✓	4 ✓ 64.00 ✓
	6	4" dia. Half Side Mills		1 ✓ 6.00 ✓	1 ✓ 6.00 ✓
	2	Spec. Spacing Collars		1 ✓ 54.00 ✓	1 ✓ 54.00 ✓
	2	Arbors			
80698	<i>Smith</i>	Barrel - Oper. 27 Rough Turn Breech End		75.00 ✓	
	1	Spec. Lathe Spindle		150.00 ✓	
	1	Spec. Centering & Locating Plug		45.00 ✓	
	1	Spec. Chuck Adapter		210.00 ✓	
	1	8" 3 jaw Cushman Chuck		150.00 ✓	
	1 set	Spec. Adjustable Chuck Jaws			
	1	Front Tool Block for 1 Tool		75.00 ✓	
		Drilled for Coolant		15.00 ✓	
	1	Carbide Tipped Turning Tool		125.00 ✓	
	1	Spec. Form Bar		125.00 ✓	
	1	Spec. Vibration Damper		25.00 ✓	
	1	Spec. Tail Stock Center			
80699	<i>Smith</i>	Barrel - Oper. 29 Finish Turn Breech End		75.00 ✓	
	1	Spec. Lathe Spindle		150.00 ✓	
	1	Spec. Centering & Locating Plug		210.00 ✓	
	1	8" 3 jaw Cushman Chuck		45.00 ✓	
	1	Spec. Chuck Adapter		150.00 ✓	
	1 set	3 Spec. Adjustable Chuck Jaws			
	1	Front Tool Block for 1 Tool		75.00 ✓	
		Drilled for Coolant			

Work Order	Closed Work Orders			Charged to	
	Quan.	Description	Part & Operation	Project FI-123	Technical Pilot Line Operations
80700 <i>Spec.</i>	1	Rear Tool Block for 1 Tool		75.00 ✓	
	1	Spec. Form Bar		125.00 ✓	
	2	Carbide Tipped Tools		15.00 ✓	1 ° 15.00 ✓
	1	Spec. Vibration Damper		125.00 ✓	
	1	Spec. Tailstock Center		25.00 ✓	
		Barrel - Oper. 31 Rough Turn Muzzle End			
	1	Spec. Lathe Spindle		75.00 ✓	
	1	Spec. Centering & Locating Plug		150.00 ✓	
	1	8" 3 jaw Cushman Chuck		210.00 ✓	
	1	Spec. Chuck Adapter		45.00 ✓	
	1 set	Spec. Chuck Jaws-3 per set		75.00 ✓	
	1	Front Tool Block for 1 Tool			
		Drilled for Coolant		75.00 ✓	
	1	Carbide Tipped Turning Tool		15.00 ✓	
	1	Spec. Form Bar		125.00 ✓	
80701 <i>Spec.</i>	1	Spec. Vibration Dampener		125.00 ✓	
	1	Spec. Tailstock Center		25.00 ✓	
		Barrel - Oper. 33 Finish Turn Muzzle End			
	1	Spec. Lathe Spindle		75.00 ✓	
	1	Spec. Centering & Locating Plug		150.00 ✓	
	1	8" 3 jaw Cushman Chuck		210.00 ✓	
	1	Spec. Chuck Adapter		45.00 ✓	
	1 set	Spec. Chuck Jaws		75.00 ✓	
	1	Front Tool Block for 1 Tool			
		Drilled for Coolant		75.00 ✓	
	1	Carbide Tipped Turning Tool		15.00 ✓	
	1	Spec. Form Bar		125.00 ✓	
	1	Spec. Vibration Dampener		125.00 ✓	
	1	Spec. Tailstock Center		25.00 ✓	
80847	1	Partially completed Forming Die B/P B-17038	Bolt Stop Release)	147.00 ✓	
	1	Template			
		(From Square Stamping Co.)			
81028	2	Circ. Form & Cut-Off Tools A-50025	Front Guard Screw	1 18.73 ✓	1 18.72 ✓
81030	2	Circ. Form & Cut-Off Tools A-50024	Front Guard Screw	1 16.34 ✓	1 16.33 ✓
81037	2	Circ. Form & Cut-Off Tools A-50026	Receiver Plug Scr.	1 13.80 ✓	1 13.80 ✓
81038	2	Circ. Form & Cut-Off Tools A-50027	Receiver Plug Scr.	1 18.58 ✓	1 18.58 ✓
81041	2	Circ. Form & Cut-Off Tools A-50021	Trig. Stop Scr.	1 15.34 ✓	1 15.33 ✓
81043	2 sets	Die Chasers-Style D B-90038	Various	1 7.24 ✓	1 7.24 ✓
81073	2	Circ. Form Tools A-50023	Trig. Adj. Scr.	1 17.41 ✓	1 17.40 ✓
81089	2	Circ. Form Tools A-50022	Safety Pivot Pin	1 19.43 ✓	1 19.42 ✓
81092	1 set	3 Cams C-50034	Safety Pivot Pin	10.84 ✓	
81093	4	B & S Spring Collets	Dwg. B-90034 Var.	15.49 ✓	
81094	4	B & S Feed Fingers B-90031	Various	10.74	
81095	10	Std. H.S.S. Slotting Cutters B-90007-W	Various	1 .89 ✓	9 8.02 ✓

Work Order	Quan.	Description	Part & Operation	Charged to	
				Project FI-123	Technical Pilot Line Operations
81096	2	Std. Circ. Cut-Off Tools B-90005	Various	1 7.21 ✓	1 7.20 ✓ OK
81098	2	Slotted Bushings A-50029	Trig. Stop Scr.	1 8.36 ✓	1 8.36 ✓ OK
81099	20	Std. H.S.S. Slotting Cutters B-90006	Various	2 1.78 ✓	18 16.04 ✓ OK
81110	2	Box Tools B-90024	Various	21.77 ✓	
81111	2	Style 1 Box Tool Blades B-90028	Safety Pivot Pin Various	1 1.43 ✓	1 1.43 ✓ OK
81114	1	Floating Holder B-90000	Safety Pivot Pin	7.42 ✓	OK
81115	2	Plug Thread Gauges B-80032	Housing	35.36 ✓	OK
81116	2	Plug Thread Gauges B-80031	Housing	40.97 ✓	OK
81117	4	Std. Circ. Cut-Off Tools B-90003	Various	2 10.75 ✓	2 10.75 ✓ OK
81118	1	Snap Gauge B-50032	Safety Pivot Pin	40.27 ✓	OK
81122	2	Circ. Form Tools A-50062	Bolt Handle	1 19.15 ✓	1 19.14 ✓ OK
81123	4	Std. H.S.S. Spiral double- end mills B-90050	Receiver	1 5.64 ✓	3 16.90 ✓ OK
81126	2	Inletting Cutters A-50000	Stock		
81129	1 set	Cams C-50043	Trig. Stop Scr.	9.35 ✓	OK
81132	1	Templet A-50181	Stock	40.62 ✓	OK
81136	3	Comb. Drills & G'Bores A-50840	Stock	1 1.77 ✓	2 3.53 ✓ OK
81143	1	Thickness Gage A-50842	Stock	13.42 ✓	OK
81144	1	Gauge A-50994	Stock	8.96 ✓	OK
81153	1	Ring Gauge A-50817	Bbl.	32.06 ✓	OK
Total				10,810.40	1,085.19

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