

FREMINGTON ARMS COMPANY, INC.
ILION, NEW YORKCONFIDENTIAL

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TO:	<u>ILION</u>	<u>WILMINGTON</u>	<u>LONOKE</u>
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FROM: K. W. SOUCY *K.W.S.*NOVEMBER PROGRESS REPORT
FIREARMS TECHNICAL SECTION

THE FIRST FOUR PAGES OF THIS MONTH'S REPORT ARE A COMPILATION, BY ENGINEER, OF ALL JOBS BEING WORKED ON IN THE FIREARMS TECHNICAL SECTION. JOBS IN THE UNASSIGNED CATEGORY ARE NOT BEING WORKED ON AT THIS TIME. THE COMPILATION WAS ASSEMBLED IN AN EFFORT TO IDENTIFY AND FOCUS OUR ENERGIES ON THOSE TASKS THAT WILL RESULT IN THE GREATEST RETURN TO THE BUSINESS. THOSE PEOPLE ATTENDING THE DECEMBER FIREARMS PRODUCT TEAM MEETING SHOULD BE PREPARED TO DISCUSS THE LIST WITH AN EYE TOWARDS PRUNING AND PRIORITIZATION.

IF YOU ARE LOOKING FOR A PARTICULAR TOPIC, REPORTS ARE ATTACHED IN THE FOLLOWING ORDER:

- * RIFLE ENGINEERING
- * SHOTGUN ENGINEERING
- * TEST AND MEASUREMENTS LAB
- * METALLURGY
- * TECHNICAL SERVICES

DISTRIBUTE TO YOUR ORGANIZATIONS AS YOU DEEM APPROPRIATE. WHILE DISTRIBUTING AND DISPOSING OF THIS REPORT, RECIPIENTS ARE REMINDED OF THE PROPRIETARY NATURE OF THE CONTENTS.

• Process and Product Development needs separation.

• Maintenance has been Confined with R+D

RIFLE ASSIGNMENTS

GARY BARNES:

- ✓ * Detachable mag. box
- * DeHoff gundrills
- ✓ * 6.5 X 55 Classic
- * C.I.P. Heading spec.

JOE MEAD:

- ✓ * Synth. short stk. & F/E
- ⊗ * Synth. Viper box
- * Recoil pad "softening"
- ⊗ * Synth. Trig. Plate
- * Synth. M/7 Stock

JIM RABBIA:

- ⊗ * Fluting process
- * Parkerize process
- * Knight bbl. blanks
- * Form-GFM rimfire bbl.
- * Upset bbl. project
- * .50 caliber GFM blank
- * NFT magnum barrels
- * 541-T stainless bbl.

RANDY MURPHY:

- * M/700 BDL trig. gd.
- Bridgeport process
- * M/700 trig. pull
- * Heat fixtures for M/522 sear & f-pin
- * More 4-slide usage

JIM LOVE:

- * Powder coat upgrades
- * Miyano turret tool holders
- * P-coat oven burn-off

GAYLE UCASZ:

- * M/7 Receiver process
- * M/700 bolt grinders
- * Sight hole fixturing

DAVE FINDLAY:

- * Euro mag. box (7400)
- ⊗ * Synth. Trig. Plate
- ⊗ * NBAR fire control
- * M/522 Trig. pull
- ⊗ * Synth. Viper box
- ✓ * Synth. stock & F/E

JIM RONKAINEN:

- ✓ * Detachable mag. box
- * Eliminate M/700 bolt deformation
- * 7400-7600 magazine consolidation
- * Reduce DE on magnums

MIKE KEENEY:

- ⊗ * NBAR
- * M/7400 MIM oper. handle
- * M/700 mag. follower clearance
- * XP-100
- ⊗ * Fluting design
- * M/7 feeding

UNASSIGNED:

- * ECM Rifling
- ⊗ * Porting (recoil)
- * scope holes (M/7)
- ? * 7400 wt. reduction
- * release mechanism study
- * one-piece MIM front sight
- * Custom marking
- * shotgun mag. plug
- * Single-shot rifle
- ⊗ * nodal adjustment
- * 40XR .22 Hornet
- * 541 upgrade
- * M/522 capacity incr.
- * Rebuild Barnes Ream
- * M/541 processes
- * 5R Rifling

ENGINEER	PROJECTS
V. VERMANI	CREEP FEED GRIND HAM & SEAR WIRE EDM O/U SEARS COMP. REPLACE TPA ASSEMBLY FIXTURES CMM FOR EKMAN OPTIMIZE OU FC COMP. PROCESSES RE-TOOL 870 12GA CARRIER
D. RONKAINEN	REPLACE/REBUILD BROACHES REPLACE COLE MACHINE MIM EXTRACTOR OU EJECTOR SEAR (MIM) "C" STYLE FORE END IRONS OU IMPROVE SP-10 CASTINGS ALTER 1187 A/B ASSEMBLY MACH.
J. FITZER	DU 1994 RECEIVER DU CANADA 1994 RECEIVER DU 1995 RECEIVER TRANSFER MACH FOR RECEIVERS CONVERT 3 T-10'S STAND ALONE SEPERATE SUMPS FOR T-10'S
R. LEWIS	NEW PART ORDER BARREL PACK 1187 ACCESSORIES COMBO FBI GUNS DEA GUNS DU FINAL ASSEMBLY DU CANADA FINAL ASSEMBLY DU 1995 FINAL ASSEMBLY 870 12/20 RSS FULL 870 FEED LATCHES OU SIDE PLATES FOR 1995 CANTILEVER FINAL ASSEMBLY 1994 BACK ORDER SPECIALS
M. GOLEMBOSKI	✓ PEERLESS SPORTING BBL ASSY ✓ NEW CANTILEVER FOR 1994 20GA FR YOUTH 870 ECM BORE REAM NEW RIFLED COKE TUBE WELD SP-10 VENT RIBS CAD FREE BRAZING
T. HAWKINS	ALMCO REPLACEMENT → AMAPS TRAINING ← PROCESS DWG'S OF S/G BARRELS O/U PARST MOVEMENT

ENGINEER

PROJECTS

M. MONTEAU	DM STOCKS MR,BDL,LA,SA,MAG O/U STOCK AND FORE END PEERLESS SPORTING STK & F/E 20GA CANTILEVER STOCK 1994 REMOVE NC CHECK TAPE FROM CV ESTIMATE XP-100 AT S&K S41S ACCURACY PROBLEMS NEW HEAD ON REML #122908
J. BAUMGART	RECEIVER TRANSFER MACHINE 7400 CONVEN. LINE OPTIMIZATION BTS STAMPING ON O/U PEERLESS SPORT. COORDINATOR
G. SIETSEMA	FURNACE FOR OU F/E IRON DRAW GRAY NITRIDE OU PARTS PLATE 522 MAG BOX 700DM HEAT TREAT 522 SEAR & F/P HEAT SET FIXTURE ALUMINUM EXTRUSION CANTILEVER WASHER FOR SAFETY BUTTON
K. ROWLANDS	OU SHOTGUN PEERLESS SPORTING FIELD SERVICE MANUAL FOR OU SP-10 GAS SYSTEM SEAL
D. FINDLY	X 1187 PISTON & SEAL IMPROVEMENTS NEW CANTILEVER 1994

UNASSIGNED ITEMS SINGLE SHOT RIFLE
NCS
PILGER BARREL PROCESS
MILL SPEC. 3443E

*Benelli knock-off
Competitive Testing ??*

ASSIGNED PROJECTS

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|---|-------------|
| 1) LASER SCANNING EQUIPMENT FOR STOCKS | BOB SANZO |
| 2) UPGRADE PUBLISHING SYSTEM | DON LEWIS |
| 3) 7400/7600 BOX CONSOLIDATION | JOHN HICKEY |
| 4) SYNTHETIC STOCK AND FORE END | BOB SANZO |
| 5) <u>PEERLESS SIDE PLATE ENHANCEMENTS</u> (what's the Big Deal?) | RON WEBSTER |

UNASSIGNED PROJECTS

- 1) NEW MARKINGS FOR THE 11-87, 7400, 7600, 870 & LW