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7/17/81
TE

Research Staff Mtg.
Operations Com

Pre-Op Mon. 7/20 3:00pm

Status Report

- Process Dev. & Cost Reduction Programs
- M/4/6 Carbine

* Research Pre-Op Wed. 7/22 9:00am.

M/200 ADL Restyle

Need

① Across-the-Board decrease in M/200 cost (2084)!

- \$400 too high
- marketing considering three levels of quality & price (low cost version — "el cheapo", ADL, ADL)

② Need dramatic changes in bolt action rifle line to extent that new model numbers will be required!

- ie Need major internal changes

* Note: Factory Cost on M/200 ADL $\approx$ \$160
 Material Cost $\approx$ \$30 Labor (Std) $\approx$ \$24 Direct Charge $\approx$ \$40
 Mfg. Overhead $\approx$ \$13 Plant Overhead $\approx$ \$30

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M/200 Redesign (cont.)

is Need to reduce Factory cost of 207.5
 $\$160 = \32

— Primarily by decreased material,
 labor, and Direct charges!

Note: Ruger 77R with 1" Scope Rings, no
 iron site Cost $\approx \$325$

Current M/200 ADL Cost = $\$334$

Win Model 70XTR Wholesale $\$313.12$
 Retail $\$412$

Potential Design Modifications — Areas for Development

- 1) Extractor design
- 2) Flat Bottom vs Round Bottom
 — New bedding concept?
- 3) Bolt Lock
- 4) Adjustable Fire Control
- 5) Scope Rings
- 6) New Concepts on sights
- 7) Light weight — $5\frac{1}{2}$ lb max.
- 8) Combination magazine — detachable floor plate
 — Single feed — rotary mag. box.
- 9) Strength equal to M/200
- 10) "Chrome" plated bore / chamber
- 11) Positive Chambering

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TEM/750 Restyle (Cont.)

- 12) "Fastest" Lock Time (Electric Primer ?)
- 13) Expendable Case Ammo
- 14) Tapered bore (hyper velocity) barrels
- 15) Muzzle devices for recoil reduction