

7/11/81

M/7 DESIGN SPECIFICATION

This is a composite listing of features provided on the M/7 proto-type and those desired by Research:

- Octagonal Receiver
 - Investigate the use of octagonal stock
 - Heavier barrel lug
- Walnut Stock
 - True Classic
 - No Monte Carlo
 - Cheekpiece
 - Cut - functional checkering
 - Sling swivel studs
- Hammer Forged Barrel
 - No turn or polish
 - Program to determine possible benefits i.e., accuracy vs. finish
 - Lightweight - slimmer contour
 - Clean no sights
- Fire Control
 - Blocked trigger and sear
 - Bolt lock
 - New safety configuration or location
 - With safe adjustments
- Improved (Reduced) Locktime
 - Lightweight firing pin
 - Investigate pierced primer gas flow around firing pin and head
- Additional Desired Features
 - Scope mounts
 - New bolt handle
 - Jeweled
 - follower
 - bolt body
- New Extractor
- New Feeding System
 - To be smoother
 - To be functionally superior
 - To be detachable with integral magazine box

- Classic Calibers
- Limited Production 3,000 - 4,000 per year

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September 11, 1981