

GSS 77 ACCURIZING M1-M1A FOR COMPETITION

This 5 day course is designed to present state of the art bedding techniques for M1-M1A rifles for competition. Mechanical aspects of tuning for accuracy and reliability will be discussed and accomplished.

TOOL AND MATERIAL LIST

- Rifle cleaning kit: rod, brushes, patches, cleaner, lube, etc.
- Epoxy bedding compound: Devcon or Acraglas gel, (Steel Bed preferred)
- Padlock
- Rags for shop clean up
- 3-ring binder for handouts – 2 inch thick
- Denatured alcohol, lacquer thinner or acetone (for parts cleaning) no hydrocarbon cleaners are allowed in the shop
- Epoxy release agent – paintable type or aerosol type are best or Johnson's paste wax
- Artificial flower clay (used during stock bedding) available at K-Mart in flower display area.
- 1/8 inch diameter burrs (for inletting work) interrupted cut on burr is best
- Q-tips – long wooden shank type work best
- Dremel or Foredom tool
- Small smooth file (for stock bedding clean up)
- Small paint brush (for applying release agent)
- Lubricating grease (lithium grease is excellent)
- Standard gunsmithing tools: screwdrivers, pin punches, small hammers, vise jaw pads (leather, rubber, wood), etc.
- National Match rear aperture (optional)
- National Match windage knob from Springfield Inc. (optional)
- 3/4 inch or 1 inch putty knife
- 1/8 inch carbide drill bit
- #7 taper reamer for M1-M1A flash suppressor
- Eze Lap diamond hone (fine) from Brownells (IMPORTANT)
- Blue Loctite - small bottle
- .650 inch diameter straight hand reamer
- Small 3//8 inch x 4 inch long flat mill smooth file with safe edge (for sight work)
- Sandpaper (for stock refinishing) 120-220 grit
- 1 inch sandpaper (crocus cloth) 400, 600, and crocus cloth
- Spray stock finish – i.e., Polyurethane varnish, Birchwood Casey's Tufsheen, etc.

NOTE: Please bring any spare M1/M1A parts you may have. Someone may need them and the school has very few parts available.