

TRAINING COURSES



LAND



AIR



SEA

OPERATOR/MAINTAINER MINIGUN TRAINING COURSE

Dillon Aero offers multiple training courses that cover assembly/disassembly, operation, and maintenance of the M134D and component systems. Training is comprised of classroom and live fire instruction. Class size ranges from three to ten students. The coursework is sectioned as follows:

SECTION 1 – Students are instructed in the function and operation of individual gun components. The following topics are addressed:

- Theory/method of operation
- Immediate action drills/clearing the weapon
- Assembly/disassembly
- Safety/maintenance procedures
- Ammunition handling and magazine loading

SECTION 2 – Range Day offers in-depth live fire training conducted at either Dillon Aero's Scottsdale location or the customer's outdoor range. Live fire is performed from the platform which is applicable to the students. The following topics are addressed:

- Weapon safety
- Immediate action drills
- Loading and clearing procedures
- Weapon handling
- Trigger and burst control
- Platform-specific gun handling skills

SECTION 3 – Students are instructed in unit level maintenance, including a review of the procedure and techniques taught in the first two sections.

Publications provided:

- M134D/D-T/D-H Operation and Maintenance Manual (hard copy)
- Feeder/Delinker Assembly/Disassembly Maintenance Manual (hard copy, DVD)
- M134D Gun Maintenance (DVD)
- Magazine Loading (DVD)
- Illustrated Parts Breakdown (hard copy)
- Quick Reference Guide
- Certificate of Training Completion



Dillon training classroom



Students practicing during a training session

INSTRUCTOR TRAINING CERTIFICATION

Dillon Aero offers an instructor training course geared towards providing knowledge and practical experience with the Dillon gun systems. The course is designed to train an instructor to educate others at their unit or AOR about the M134D.

Eligibility to attend the class is determined by documentation indicating that an individual is an experienced M134D user, has attended the standard operator/maintainer course, and/or is an experienced certified machine gun weapons instructor. Should students not meet this criteria, they may attend the class; however, completion of such will not automatically result in a Dillon Certified Instructor certification, but rather a certificate of completion for the operator/maintainer course.

The coursework is sectioned as follows:

SECTION 1 – Students are instructed in the function and operation of individual gun components. The following topics are addressed:

- Theory/method of operation
- Immediate action drills/clearing the weapon
- Assembly/disassembly
- Safety/maintenance procedures
- Ammunition handling and magazine loading

SECTION 2 – Range Day offers in-depth live fire training conducted at either Dillon Aero's Scottsdale location or the customer's outdoor range. Live fire is performed from the platform which is applicable to the students. The following topics are addressed:

- Weapon safety
- Immediate action drills
- Loading and clearing procedures
- Weapon handling
- Trigger and burst control
- Platform-specific gun handling skills

SECTION 3 – Students are instructed in depot-level maintenance, including a review of the procedure and techniques taught in the first two sections.

SECTION 4 – Students revisit the range and demonstrate proficiency in handling the weapon. Guidance is provided until aptitude is confirmed.

SECTION 5 – Students are instructed in maintenance, gun setup, safety, loading, and clearing procedures.

Publications provided:

- M134D/D-T/D-H Operation and Maintenance Manual (hard copy)
- Feeder/Delinker Assembly/Disassembly Maintenance Manual (hard copy, DVD)
- M134D Gun Maintenance (DVD)
- Magazine Loading (DVD)
- Illustrated Parts Breakdown (hard copy)
- Quick Reference Guide
- Certificate of Training Completion

PRECISION AERIAL RIFLE TRAINING COURSE

Dillon Aero offers a training course designed to teach students to place accurate, slow, well-aimed fire on a man-sized target from a moving helicopter, at ranges from a rotor disk up to 200 meters and at aircraft ground speeds of 20-60 knots. Upon completion of this course, the student will be able to operate as a functional crew member of a rotary wing asset acting not only as a shooter, but as a crew chief as well. This skill set will increase the capabilities of the aircraft as well as survivability and safety.

Learning objectives include the following topics:

- Aircraft overview and safety considerations
- Weapons, optics, and supporting equipment selection
- Aircraft flight and attack profiles
- Determining/applying the ballistic solution
- Assessing shot placement, hits, and misses

The coursework is sectioned as follows:

- Period 1
 - 100-meter offset, 40-50 knots A/C speed, 100' AGL
 - One target set consisting of target barrel and aiming barrel
- Period 2
 - 100-meter offset, 50-60 knots A/C speed, 100' AGL
 - One target set consisting of target barrel and aiming barrel
- Period 3
 - 150-meter offset, 40-50 knots A/C speed, 100' AGL
 - Vary off-set distances, A/C speeds, and heights
 - Utilize different flight patterns, approaches, orbit, etc.
 - Two target sets without set aiming barrels
- Period 4
 - 150-meter offset, 50-60 knots A/C speed, 100' AGL
 - Vary off-set distances, A/C speeds, and heights
 - Utilize different flight patterns, approaches, orbit, etc.
 - Two target sets without set aiming barrels
- NVG Period
 - 100 meter offset, 40-50 knots A/C speed, 100' AGL
 - 60 rounds
 - One target set consisting of target barrel and aiming barrel



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