



## Military SportBike RiderCourse Information Sheet

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### Overview

The MSF Military *SportBike RiderCourse*<sup>SM</sup> (MSRC) was developed in close collaboration with the U.S. Army and U.S. Navy motorcycle safety education and training safety centers.

The new MSF course is a one-day course intended for motorcyclists who have completed the MSF Basic *RiderCourse* or have a similar experience level.

The course draws from elements of the MSF Experienced *RiderCourse*, the European Module *RiderCourse* (co-developed with ADAC for the Armed Forces in Europe) and from information contained in *The Motorcycle Safety Foundation's Guide to Motorcycling Excellence, 2<sup>nd</sup> Edition*. The course consists of approximately 3 hours of classroom interactive lessons and approximately 4 hours of on-cycle range time.

The classroom segment focuses on the behavioral aspects of riding such as attitude and personal risk assessment, and includes discussions about braking proficiency, cornering techniques, traction management, and specific characteristics unique to sport bikes. The goal is to provide riders with a way to further develop personal riding strategies to minimize risk, with particular emphasis on the Search-Evaluate-Execute (SEE<sup>SM</sup>) strategy used in all MSF curricula. There's also an opportunity to discuss case-specific situations within each military branch. A knowledge test is given at the end of the classroom portion.

The range session builds on these topics by providing riders the opportunity to develop and improve skills in braking, cornering and swerving. Included is a demonstration of the components of total stopping distance and practice in obstacle avoidance and evasive maneuvers.

### Course Elements

#### Classroom Topics (approx. 3 hours)

1. Introduction
  2. Course Aim and Purpose
  3. Risk Awareness Activities
  4. Cornering
  5. Braking Dynamics
  6. Emergency Maneuvers
  7. Rider Perception
  8. Attitude and Behavior
  9. Branch-specific Content
- - - **Knowledge Test**





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### Range Exercises (approx. 4 hours)

- Ex. 1: Basic Control
- Ex. 2: Quick Stops
- Ex. 3: Total Stopping Distance Demonstration (from European Module *RiderCourse*)
- Ex. 4: Curve Control (from European Module *RiderCourse*)
- Ex. 5: Curve Adjustments
- Ex. 6: Cornering and Swerving
- Ex. 7: Multiple Curves (from ERC Suite)
- Ex. 8: Decreasing Radius Curves (from ERC Suite - with new path of travel)
- Ex. 9: Gap Analysis and Safety Margins

### **Training Site Requirements**

- 120 x 220 standard range
- No poles, obstructions
- Surface in good condition
- Minimum 20' run-off
- Classroom and AV equipment
  - PowerPoint Capability
  - DVD Capability

### **RiderCoach Trainer/RiderCoach Qualification Guidelines**

The MSF has established rigorous guidelines in the selection of RiderCoach Trainers and RiderCoaches to learn and conduct the MSRC. In addition to the heightened guidelines, the MSF is developing quality assurance measures to track and monitor training results. Below are the guidelines as well as training range specifications.

### RCT & RC Guidelines

- Own a sport bike
- Desire to conduct MSRC
- Strong knowledge of the RETS underpinnings
  - Comprehensive understanding and effective application of RETS underpinnings
  - Technical & riding knowledge of sport bikes
  - High level of facilitation skills
  - Meet MSF's qualitative assessment of overall RCT/RC experience



### RCT and RC Training Components

- Three days of RCT/RC training
  - Day 1 - Familiarization
  - Day 2 - Peer Teaching
  - Day 3 - Peer teaching and/or student teaching
- Peer teaching evaluation
- Qualitative assessment



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### Application Process

1. Program Administrator notifies MSF of need for MSRC Certification Course (MSRC CC) at least 30 days prior to proposed course start date. This provides MSF time to secure an MSRC-qualified RiderCoach Trainer to conduct the course.
2. Range must be MSRC-recognized by MSF prior to MSRC CC being conducted. For ranges not currently MSRC-recognized, range paperwork must be submitted to MSF at least 21 days prior to proposed MSRC start date.
3. Program Administrator is responsible for ensuring that all applicants meet the criteria below, that all applications are filled out completely and that all questions are answered sufficiently (e.g.: "The range, because I like to be outdoors" is *not* an acceptable answer to the question "Do you consider yourself a better classroom RiderCoach or range RiderCoach? Why?"). Program Administrator sends completed applications and all relevant documents to MSF National Support at least 21 days prior to the MSRC CC start date.

### Applicant criteria

- Currently active MSF RiderCoach (RC)
  - RC must have taught a minimum of 6 Basic *RiderCourses* or equivalent courses within the past 2 years.
  - RC should own a sport bike, and ride it on a frequent and regular basis.
  - Driving record and letter of endorsement from RERP sponsor or Program Administrator must be included with application.
  - All questions must be answered; special care should be taken to give thorough and thoughtful answers to the questions on page two. Incomplete or insubstantial answers will result in the application being rejected. **If rejected for this reason the applicant may not reapply for 6 months.**
4. MSF Staff reviews all applications received. MSF will send a confirmation letter to Program Administrator. Non-approved applications will be eliminated from our files (requires resubmitting application). Program Administrator is responsible for notifying applicants they have been approved as Candidates for the MSRC CC.
  5. Training materials are sent to training location up to 14 days prior to course start date. This is to allow time for approved MSRC Candidates to complete the required pre-course study material.

