

Ground Mishap Investigation Course

ATTENDEE INFORMATION



Background: The Ground Mishap Investigation course (GMIC) was developed in 2011 by CMC, Safety Division's safety training team and Investigations Branch. For all leaders, the goal is to enhance mishap prevention strategies through

effective mishap analysis, hazard identification, abatement, and increased hazard reporting. This course is designed to aid safety personnel (*battalion/squadron/unit safety officers, civilian safety & occupational health specialists, and High Risk Training Safety Officers*) in enhancing root cause analysis techniques.

This course provides 40 hours of mishap investigation techniques beyond the introductory class offered in the Ground Safety for Marines (GSM) course. The CMC(SD) course is the only approved equivalent to the CIN# A-493-0078 as it exceeds the requirements set forth in the DoDI 6055.07 and subordinate Navy Instructions and Marine Corps Orders.

This course incorporates the use of a "real-world" mishap case studies that challenges each attendee's critical thinking and problem solving skills in an experiential learning environment for the adult learner.

The primary learning objectives focus on causal factor analysis utilizing a process called causal factors analysis mapping with direct application of the DoD Human Factors Analysis and Classification System v7.0 (DoD HFACS 7.0). Other course objectives include protection of safety information, mishap and hazard report (HAZREP) requirements, interviewing techniques, development of effective corrective actions, mishap report writing, and the Naval Safety Investigation Board (SIB) process.

Upon completion of this course, each member will have the basic knowledge and skills to effectively investigate events ranging from the near miss to a catastrophic mishap. Completion of this course authorizes personnel to participate as a member of a Navy or Marine Corps SIB in accordance with OPNAVINST 5102.1D/MCO P5102.1B with Change 2.

The Fort Rucker, Alabama training location capitalizes on an interactive training site (*crash dynamics lab*) which provides students the opportunity to practice "on site" evidence collection and reconstruction using one of various tactical or industrial related mishap sites. Mobile training courses use the same case study scenarios from the CDL at Ft. Rucker, AL.

Course Schedule:

- Class begins **0730 sharp** and **ends 1630**, Monday through Friday with a written exam on Friday afternoon (**plan accordingly**).
- Lunch is one hour to accommodate local installation traffic and food service constraints. (*plan accordingly*)
- The course requires attendees to work in teams. With facilitator guidance, teams work together to analyze evidence, determine root causes and recommend corrective actions.

Attendance Requirements: Personnel must attend the full course to receive a certificate. Any personnel missing more than one hour for pre-planned appointments or command issues (*Medical, legal, field day, meetings, operation planning, etc.*) should reschedule appointments or class attendance. Unforeseen events will be handled on a case by case basis in coordination with the host command and parent command.

- **Active Duty:** IAW OPNAVINST 5100.23G, OPNAVINST 1500.75D, NAVMC 1553.2 or MCO 5100.29B, each member should be assigned in writing as the unit Safety Officer/Manager (E6 to O5), High Risk Training Officer (HRTSO) or Aviation Safety Officer (ASO).
- **DoD Civilians:** Priority is given to civilians within the SOH Community of Interest: (GS-0017, 0018, 0019, 0690, and 0803). Each member must be assigned to a position that requires skills to conduct hazard analysis or advise safety investigators as a subject matter expert.

Things to Bring: *Each attendee must bring:*

- Unit safety officers and civilian safety specialists must bring your unit's copy of the **OPNAVINST 5102.1D/MCO P5102.1B with Change 2**. If you were not provided a copy, you may print the current version from the following website:
<http://doni.daps.dla.mil/Directives/05000%20General%20Management%20Security%20and%20Safety%20Services/05-100%20Safety%20and%20Occupational%20Health%20Services/5102.1D%20w%20CH-2.pdf>
 - *NOTE: If you chose to bring a computer with an electronic copy, contact the course host to ensure the classroom accommodates electronic devices.*
- Collateral / Additional duty safety personnel must bring a copy of your assignment letter.
- Writing utensil(s) & Highlighter.
- A pad of 3x3 "post-it" notes.
- Collateral / Additional duty safety officers/managers (i.e. GSO or GSM) are highly encouraged to download mishap investigation and reporting quick reference material and training material from the CMC(SD) website at
<http://www.safety.marines.mil/Resources/Mishap-Investigation-Reporting-Toolbox/>

Attire: Uniform of the day for military, authorized working attire for DoD civilians.

Questions: For information regarding class location and seat availability, contact the designated POC at the host command's safety office.

For specific information concerning annual course offerings and learning outcomes, contact the CMC(SD) Mishap Investigations team:

Mr. Jon Natividad (Branch Head) at
Jonas.Natividad@navy.mil or

Mr. Chris Acord, (SOH Training Chief / LNO) at
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"Failing to plan is a plan to fail" - Ben Franklin