

Medical Officer Mishap Analysis Kit

The mishap analysis kit should be compact and able to fit into a backpack. The exact contents may vary according to the type of aircraft or vessel, number of crewmembers and geographical characteristics of the area. Following is list of items, which may assist in developing a kit to be readily available in the event of a mishap. The medical officer should coordinate with the station's Safety Officer to ensure there is no duplication of resources.

Personal Items:

- Insect repellent
- Chapstick
- Sunscreen
- Sunglasses; protective lenses
- Ponchos
- Work (leather) gloves
- Dust masks
- Flashlights (spare light bulbs/batteries)
- Pocketknife
- Canteen/water purification tablets
- Food: mint, gum, and candy; MRE's (DO NOT EAT in mishap site)
- First aid kit: band aids; tape; antibacterial cream; gauze; q-tips; cotton balls;
- Tweezers
- Snake bite kit
- Earplugs
- Whistle
- Mirror
- Toiletries: paper; wipes; soap;
- Magnifying glass
- Pocket calculator
- Chem. lights
- Peppermint oil

Medical Recovery:

- Surgical masks
- Surgical gloves/cotton gloves
- Medical black bag: stethoscope; otoscope; BP cuff
- Plastic bags self sealing (various sizes)
- Surgical scissors, scalpels; blades; forceps
- Tongue depressors
- Plastic bottles

Medical Recovery Continued:

- Biohazard bags; body bags and liners
- Biological sample kits: 1 pre package bag for each individual containing the following:
 - 5 red top tubes (10cc)
 - 3 lavender top tubes (10cc)
 - 3 speckled top tubes (10cc)
 - 3 blue top tubes (10cc)
 - 3 gray top tubes (2-10cc/1-5cc)
 - 3 urine cups
- Tourniquet
- Betadine swabs (DO NOT substitute ETOH swabs)
- Sterile 2x2's
- Needles (5-18ga; 1-18ga/2.5" spinal)
- Syringes (various sizes): 2-10cc; 1-30cc; 1-50cc)
- Labels

Analysis/Data Collection:

- Accident worksheets
- Clipboard; note pad; paper
- Pencils (lead & grease); pencil sharpener
- Pens; magic markers; pencils; indelible markers (various colors)
- Camera 35 mm DSLR (25-85 mm lenses)
- Camera flash
- Digital camera for instant photos; discs; memory cards; charged and backup batteries
- Video camera with light source (VHS/digital): VHS video tape/disc
- Digital audio recorder; charged and backup batteries
- Scissors
- Ruler (clear plastic)
- Index cards 3x5-several packs
- Graph paper (polar, grid)
- Rubber bands
- Adhesive tape
- Lensatic Compass (with azimuth finder)
- Tape measure (100 ft)
- Stakes and tags-100+
- Role of fishing line or string for grid marking
- Protractor
- Sticky notes
- Notebook – “write in rain”
- GPS: for plotting debris; spot elevation; heading
- Map-largest scale (1:25,000 or lower)
- Laptop Computer

References and Forms

Note: Go to the [CG-113 public web site](#) Mishap Reporting and Analysis Guidance.

1. Safety and Environmental Health Manual, [COMDTINST M5100.47](#)
2. Coast Guard [Medical Officer Report \(MOR\) Guide and enclosed figures](#):
 - A. General Information Questionnaire
 - B. Medical Officer's Injury Questionnaire
 - C. Human Factors Checklist: Figure
 - D. 72-Hour Pre-History
 - E. Escape, Egress Questionnaire
 - F. Rescue and Survival Questionnaire
 - G. Personal Protective Equipment Questionnaire
 - H. Medical Officer's Report (Template)
3. [CG-6020](#): Medical Recommendation for Flying Duty (Jan 2012)
4. [SF 600](#) (blank): Medical Record - Chronological Record of Medical Care (Nov 2010)
Verify most current version of SF-600 at [GSA.gov](#)
5. [SF 600-DSF](#): Duty Status Form (Nov 2010)
Verify most current version of SF-600 at [GSA.gov](#)
6. [SF 523](#): Medical Record - Authorization for Autopsy (Dec 1980)
[SF 523A](#): Disposition of Body (Dec 1993)
Verify most current version of SF 523 and SF 523A at [GSA.gov](#)
7. [Guidelines for the Collection and Shipment of Specimens for Toxicological Analysis](#) (Apr 2012; May 2013 changes); Verify current guidelines at [AFMES.mil](#)
8. [AFMES Form 2](#): Consultation Request Form (Feb 2012)
Verify most current AFMES Form 2 at [AFMES.mil](#)
9. [AFMES Form 3](#): Request for Autopsy Report and Supplemental Information (Nov 2013); Verify most current AFMES Form 3 at [AFMES.mil](#)
10. [AFMES Form 18](#): Forensic Toxicology Analysis Request (May 2014)
Replaces AFMES Form 1323; Verify most current AFMES Form 18 at [AFMES.mil](#)
11. Mishap Witness Acknowledgement (Contact HSWL SC / CG-113)
12. Mishap Analysis Board Non-Disclosure Agreement (Contact HSWL SC / CG-113)
13. Postage paid return envelopes