



## Safety at the accident site





#### General

- A guidance does not replace a training, but supplement it
- The guidance must be fully customized to the concerned State
- Address national conditions
- (But do not forget that investigators may travel)





## Objectives of the guidance

- Provides for the organization at accident site to ensure safety,
- Address the hazards that may be encountered in the various situation
- Describe the equipment available for the investigators, the type of protection they give and how to use them
- Provide for the safe conduct of participants at accident site



# CONTENT OF THE GUIDANCE ON INVESTIGATORS SAFETY AT THE ACCIDENT SITE





#### Preparation

- Inoculations
- Training: initial and recurrent
- Availability of equipment
- Equipment renewal capabilities (suppliers, delays, ...)
- Investigators training
- Site safety coordinator training





## Organization: Site Safety coordinator

- The site safety coordinator :
  - Is a specially trained person;
  - Is formally nominated;
  - Has authority to rule investigators activities on site to ensure safety





# Site Safety coordinator responsibilities

- Assess the accident site, of existing or potential hazards
- Ensure the establishment of a safety perimeter, and the implementation of immediate safety measures before the arrival of the investigators (removal of dangerous goods or pressurized containers for example)
- Coordinate with other « Safety related » authorities/organizations acting on site
- Coordinate with investigation groups team leaders as applicable





# Site Safety coordinator responsibilities

- Brief the participants to the investigation;
- Monitor the participation of « external » participants (experts, accredited representatives, advisors, ...); in particular, check if their equipment (and their use) is appropriate)
- Ensure that investigators have proper protection equipment and use them correctly
- Monitor the activities on the site from a safety point of view
- Monitor the removal of wreckage, their transport and storing, as applicable
- At the end, debrief and derive safety lessons





### Equipment

- Address the AIA equipment :
  - reference of each equipment
  - Characteristics
  - Type of protection provided
  - How to use it (does not replace practical training)
  - Precaution for use
  - After use disposal or reconditioning (as applicable)





## Equipment

- Describe equipment you may get from "neighbouring" organizations (army, police, ...) with whom you have agreements
- No real need to describe equipment from other foreign organizations: if they provide you with, they will explain

#### NO COUNTRY LEFT BEHIND



#### Investigators Manual example 1

#### **Hand protection**

Disposable pathogen protective gloves to EN 374 / EN 388 / EN 455. These will protect against blood/fluid contact hazards and will provide a barrier against contact with dusts, fibres, and other substances in aircraft debris. These should also provide short term, protection against limited contact with the fuels and oils experienced in air accident investigation. These should also offer good dexterity to wearers.

Gloves manufactured from Nitrile materials are recommended when handling items contaminated with oils & fuels.

Thin disposable pathogen protective gloves can be used inside other work gloves.



## Investigators Manual example 2

#### Gas and solvent protection classes

Protection filter codes in relation to field of application are available in <u>Appendix 2.7.6 – 08 Protection filter</u> codes.

The following respirator filter protection classes are used: A1-A2, B1-B2, E1-E2, K1-K2.

The capacity of the filter is dependent of the amount of coal in the filter defined as 1, 2 or 3.



#### NO COUNTRY LEFT BEHIND



## Investigators Manual example 2

#### Appendix 2.7 - 07 Respirator equipment

ICM P/N 7875100

Proflow SC Power Pack



ICM P/N 7877330

Flowhood 5



ICM P/N 7140010

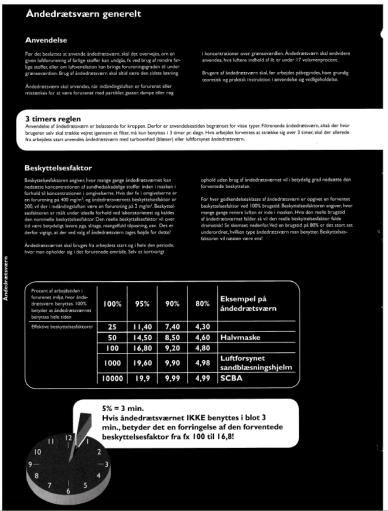
Profile 40 halvmaske



ICM P/N 7871000

Pro2000 P3 partikelfilter









#### Internal rules

- Duty time limitations (specially with biohazard suits)
- Conditions requiring the use of protective equipment
- Functions and duties of the safety coordinator
- etc,.



#### Post investigation aspects

- Medical follow up
- Psychological follow up



#### NO COUNTRY LEFT BEHIND







