FINAVIA

for smooth travelling
COMPOSITE, ARFF REAL RISK

- Two or more materials combination, fiber will be smaller and smaller
- Mixture can be unknown, accident or fire cases indentification difficult
- In case of fire toxic gases, sharp fibers and small particles
- We already know it is very common
  - Airbus A320 > 20% materials are composite
  - Airbus A350 > 50% materials are composite
Accidents in Finland, Composite

Comp Air 8 – Parasuit flights

DA 42 Pilot training – no landing gears
Immediate Danger Area
- FF use normal fire suits and BA
- Others need protective cloths and half mask with FFP3 filter (or ventilated mask), leather gloves, eyeglasses

Danger Area
- protective cloths and half mask with FFP3 filter, leather gloves, eyeglasses

Protected Area
- No need for protection (paper mask)
Learnings

- Type of plane composite or not – nowadays almost every planes is partly composite
- FF protecting by breathing apparatus and normal fire suit
- Paramedic, Police, investigators etc. minimum is protective cloths and half mask with FFP3 filter
- Paper filter is possible only very short visits
- More attention to Zones in the site
- How to handle contaminated clothes – is it possible to wash and use any more
- How about persons, vehicles and used equipments?

Extra material:

Thank You!

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