

Trip Summary: AS350B2 SN 3728, Kearney, MO
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Date: 8/28/2011

- Purpose of attendance:
 - To assess crash damage of Air Methods EMS components. To gain better understanding of failure modes of installations/equipment to facilitate changes or improvements in future designs.
- Summary of Activities:
 - Arrived on scene and was given briefing of situation and crash site.
 - Photographed crash site, specifically focusing on EMS interior components such as medical crews seats (AMC), equipment mounts (AMC), liquid oxygen system (AMC) and patient loading system (Lifeport).
 - Reviewed sheriff department photos of crash site to further assists in understanding which medical crew seats were occupied during crash.
 - Further examined and photographed components once they were moved to hangar at Midwest National Air Center.
- Observations:
 - All three medical crew seats were ejected from the helicopter during the crash. Two of the seats were occupied. All three seats were severely damaged.
 - Seat track on back wall, to which medical seats attach, was also severely deformed, broken and bent. Unable to determine if seat track damage was due to seat loads or to overall damage from crash.
 - Medical equipment mounts were also severely damaged. Found pilot isolation barrier pole mounted Zoll CCT defibrillator/monitor, LTV1200 ventilator (attachment method unknown) and GCX pole mounted Minimed infusion IV pump. Zoll CCT was broken into multiple pieces. LTV1200 and Minimed were relatively intact. Zoll CCT pole mount was broken in PIB. Minimed GCX clamp was broken in two pieces at swivel.
 - 10-liter liquid oxygen orb was appeared to be in relatively good shape. No immediately evident damage. Aircraft mount also appeared undamaged. Note: LOX was on RH aft side of aircraft which was least damaged portion of aircraft.
 - Lifeport patient loading system was installed. Litter and rotating base plate were ejected from aircraft. Litter was not attached to rotating base plate. Litter appeared relatively undamaged. Cracks in rotating base plate where attached to litter. Front of rotating base plate was bent upwards.