

**AEROSPACE MEDICAL ASSOCIATION  
RESOLUTION 07 – 02**

**CRASH INJURY DATA**

WHEREAS: Aviation crashworthiness standards and regulations should be based on complete and accepted epidemiological data to ensure appropriateness, timeliness, maximum crash protection for aircraft occupants, and best possible cost effectiveness of proposed changes to existing crashworthiness standards and regulations; and,

WHEREAS: Current civil aviation databases typically do not contain a detailed description, classification of severity, or mechanism of injuries sustained by occupants or sufficient data to determine aircraft impact dynamics; and,

WHEREAS: Numerous scientific reports and publications have identified this lack of specific injury and impact data in databases of aviation crashed as a major impediment to the process of improving crashworthiness in civil aviation; and

WHEREAS: The military services of some countries maintain detailed injury databases and effectively use these databases to advance crashworthiness technology and standards; and,

WHEREAS: Consistency in injury data collection, classification, and analysis would significantly improve civil aircraft crashworthiness and safety through uniform application of design, engineering and regulatory initiatives;

THEREFORE BE IT RESOLVED: That the Aerospace Medical Association strongly recommends that national aviation regulatory agencies throughout the world coordinate with the International Civil Aviation Organization to establish standardized national databases to record civil aircraft utilization and impact data, occupant exposure and injury data, and injury mechanism data; which should be made readily available to safety researchers.