

AEROSPACE MEDICAL ASSOCIATION  
RESOLUTION 05-01

**PREVENTION OF CONTROLLED FLIGHT INTO TERRAIN (CFIT)  
MISHAPS IN AIRCRAFT WITH ELECTRONIC FLIGHT  
CONTROLS**

WHEREAS: Automated technologies are now available for aircraft with digital electronic flight controls that can effectively prevent nearly all Controlled Flight Into Terrain (CFIT), and the same technologies will largely prevent loss of aircraft from physiological incapacity, spatial disorientation, and loss of control in flight; and,

WHEREAS: Military aviation mishaps occurring as a result of CFIT comprise 20% of mishaps and account for nearly 40% of lives lost; and,

WHEREAS: Automated technologies for CFIT prevention have been shown to provide a 7:1 return in military asset preservation and save hundreds of lives per decade; and,

WHEREAS: Civil CFIT mishaps account for a significant proportion of mishaps with fatality rates exceeding 90% that can be largely prevented by automated systems; and,

THEREFORE BE IT RESOLVED: That all aircraft with digital electronic flight controls should incorporate completely automated systems that prevent collision with the ground.

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