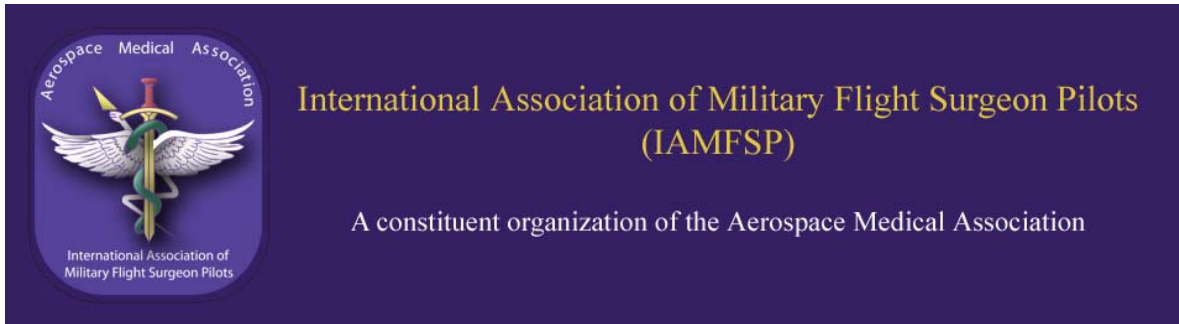


## POSTER



The mission of IAMFSP is to promote the enhancement of the effectiveness of military aviation through increased understanding of the physical, pathological or psychological factors associated with the flight environment.

IAMFSP affirms that this is best accomplished through research, analysis, teaching and the provision of informed operational guidance.

Our core membership consists of Flight Surgeons who are qualified as Military and Professional Pilots, but we also welcome pilots with other aerospace human factors-related or medical training that share our values of enhancing human performance and safety in the military aviation environment.

We represent significant experience in a wide range of aircraft and aeromedical topics. Our members come from around the world, including Argentina, Canada, Germany, Israel, Mexico, Slovenia, Sweden the United Kingdom, and the United States. The IAMFSP is a Constituent Society of the Aerospace Medical Association (AsMA).

What we do?

- We test, experience and learn with our own bodies the effects of flight
- Test flying and man-rating (where necessary) the physiology training devices: Human centrifuge, SD trainer, Altitude Chamber, Ejection Seat Trainer, NVG trainer etc.
- Incorporating Human Factors into designing new physiology training devices
- Formulating aerospace physiology training programs and conceiving new training methods
- Conducting aerospace physiology training for aviators and space travelers
- Serving as subject matter expert on aerospace physiology and medicine
- Professors in Aerospace Medicine and other Medical/Engineering/Pilot areas.

Some IAMFSP members are Test Pilots!!!!

Some IAMFSP members are Reserve USAF officers with pilot, test engineer, and physician backgrounds. This type of diverse background lead LtCol Dwight Holland, MD, PhD for

example, as an instructor for 10 years at the USN and USAF Test Pilot Schools as an expert in Human Factors Engineering matter related to test flying.

In the job as a test pilot school instructor, we make workload research, evaluate the control dynamics and workloads of flying various vehicles including space vehicles.









Fellow IAMFSP Member, CAPT David M. Brown, USN, was a crewman on the Space Shuttle Columbia lost on February 1st 2003 Dr. Brown was a Naval Aviator and Flight Surgeon. He was 46 and this was his first mission. Dr. Brown was a Past-President of IAMFSP, he is dearly missed.



As a physician and as a pilot, I think it lets me be a pretty good translator having one foot in the medical world and one foot in the flying world. Sometimes when the medical guys come in and speak medical stuff to the pilots, the pilots really don't know what they're saying.

(David M. Brown)