

AEROSPACE PHYSIOLOGY REPORT

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President's Farewell

Since our 2005 AsMA Annual Scientific Meeting in Kansas City, so much has been done by so many of you in the Society. At the culmination of what I have termed "year of the Society By-Laws revision," I am pleased to have been Society President and served with and become closer friends with such top-quality individuals. Many of you have provided sterling support for a multitude of noble causes, including support for the Global War on Terrorism and sorely needed humanitarian relief efforts in support of victims of natural disasters, at home and abroad. You have served not only as scholars and leaders, but as exemplary patriots and responsible citizens. What you have done as aerospace physiologists and as human beings truly has made a difference.

I hope you enjoyed your association with your fellow Society members throughout the year and, particularly, at the AsMA Annual Scientific Meeting in Orlando. The Society's impact was evident through its sponsorship of the superb two-session Education and Training Day panel presentations on Incorporation of Science and Technology to Counter Physiological Threats in Operational Environments, the traditionally outstanding Society Luncheon, Society Awards presentations (including presentation of our own

Society-sponsored Partnership in Education Award), and the Smith-Ames Lecture. I appreciate the professionalism, expertise, and selfless contributions of our Society officers, committee chairs and committee members, as well as session chairs and presenters. I would like to thank all those members who volunteered to take on expanded roles in the Society this year and congratulate our newly elected officers to the Society's Board of Governors. Details of the awards winners and Society officer elections will be published in future editions of *Aviation, Space, and Environmental Medicine*. Also, I express my deepest gratitude to those who were responsible for the Society Social, providing us with the opportunity to renew associations and friendships and partake of good food and even better fellowship.

I heartily applaud those who achieved Certification in Aerospace Physiology - wear your pins proudly - and appreciate the hard work of those who chaired and served on the Certification Board. I also congratulate our members elected as new AsMA officers, AsMA committee members, Associate Fellows, and Fellows. Lastly, I express my deep-felt appreciation for those who are the corporate sponsors of our Society awards: David Clark Company, Inc. (Smith Ames Lecture), Gentex Corporation (Wiley Post Award), International ATMO, Inc. (Fred A.

Hitchcock Award), and Wyle Laboratories (Paul Bert Award). The Society is forever indebted to your support of our awards program.

Finally, without reservation, I hand the Society President's gavel to our new President and my long-time acquaintance and personal friend, Mr. Joe Zellers. Joe's Air Force and corporate experience and his long-standing service to AsMA and the Society assure the Society is in good hands for the coming year.

Intruder out.

James W. Dooley, Col, USAF, BSC, CAsP
President, AsPS, 2005-06

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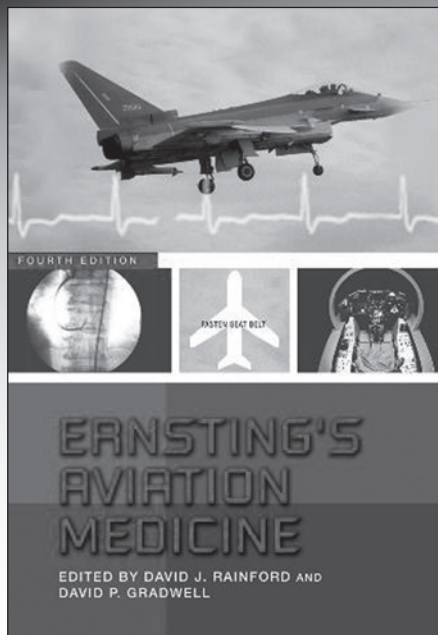
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Special Issuance Medical Certification Process

At a recent meeting at FAA headquarters in Washington attended by government, AsMA and CAMA members, industry, and general aviation representatives, the newly appointed Federal Air Surgeon Dr. Frederick Tilton announced significant developments in the processing of Special Issuance medical certifications. Special issuance medical certification is required when an aviator does not meet the published medical standards, but is judged safe to fly with adequate documentation of a medical condition and implementation of appropriate follow-up requirements. The FAA's visionary leadership and its willingness to consider certification in previously disqualifying conditions, including insulin dependent diabetes mellitus, has resulted in a processing load of approximately 25,000 Special Issuance medical certificates annually. This certification burden has taxed the limited resources of the Aerospace Medical Certification Division (AMCD) in Oklahoma City, affecting timely processing of certificates. Dr. Tilton put forth steps being planned and implemented to remedy the situation including consideration of changes in periodicity of examinations (potentially extending the certificate validity), increased delegation of authority for well qualified aviation medical examiners (AMEs) to render aeromedical decisions, rule changes to allow AMEs to make special issuance decisions (authority is now limited to the FAA by rule), and an expanded list of

AME Assisted Special Issuance (AASI) conditions. The list of conditions has recently been expanded from 20 to 35. The AASI program allows the AME to authorize recurrent medical certification of Special Issuance medical certificates for periods of up to 6 years following initial certification by AMCD. Dr. Tilton invites the support of CAMA, AsMA, and others in bringing awareness of the AASI process to AMEs. Collectively, the measures put forth by Dr. Tilton should greatly enhance the timely processing of Special Issuance medical certificates for U.S. civil aviators. CAMA applauds Dr. Tilton and his staff!

The AME Assisted Special Issuance, or AASI, allows AMEs to provide interim certification of selected disqualifying conditions. The initial special issuance package must be submitted and approved by the FAA. If granted an AASI, the airman and AME of record will receive an instruction letter with specific requirements to permit the AME to continue issuing medical certificates. In general, the airman will need to provide interim reports annually to the AME either during the mid-portion of their examination cycle or in conjunction with his or her medical examination. The interim reports are submitted as usual to AMCD who will perform oversight of the program. AASIs are time limited. The FAA will re-certify the case every 6 years stipulated in the initial special issuance.

The current list of AASI allowable conditions for **any** class is:

Arthritis
Asthma
Bladder Cancer
Breast Cancer
Chronic Lymphocytic Leukemia
Chronic Obstructive Pulmonary Disease
Colitis (Ulcerative or Crohn's)

Colon Cancer
Diabetes on oral medication
Glaucoma
Heart Murmur
Hepatitis C
Hodgkin's Lymphoma
Hyperthyroidism
Hypothyroidism
Lymphoma
Melanoma
Migraine syndrome
Paroxysmal Atrial Fibrillation
Paroxysmal Atrial Tachycardia
Prostate Cancer
Renal Cancer
Sleep Apnea
Testicular Cancer
Urolithiasis

The next group is for **Third-class** medical certification only:

Angina Pectoris
Myocardial Infarction
Coronary Artery disease with PTCA, Stent, Brachytherapy, Rotablation, Atherectomy, CABG
Mechanical and Tissue Valve Replacement

Additional information can be found online at <http://www.faa.gov/pilots/medical/> by following the links to the AME Guide.

*The Civil Aviation Medical Association
Invite you to attend their:*

CAMA ANNUAL SCIENTIFIC MEETING

October 5-7
Ottawa Marriott
100 Kent Street
Ottawa ON K2P 5R7
Phone 613-569-9442

Theme: Bringing the World Together

Speakers slated to speak include:

- The Minister of Transportation Canada
- Tony Evans, M.D., ICAO
- Clayton Cowl, M.D., Mayo Clinic
- Frederick Tilton, M.D., U.S. Federal Air Surgeon
- Douglas Ivan, M.D., U.S. Air Force
- Avian Ophthalmologist
- John Hastings, M.D., FAA Neurology Consultant
- Mike Muhm, M.D., Boeing Corporation
- David Bryman, D.O., CAMA President
- AND MANY MORE

*There will also be a full social agenda!
Please Join Us!*

FAA-AME Seminar 2006 Schedule

AME Seminars are offered by the FAA. The following is the schedule for the rest of 2006. N/NP/P = neurology/neuropsychology/psychiatry, AP/HF = aviation physiology/human factors, O/O/E = ophthalmology/otolaryngology/endorocrinology.

June 12-16	Oklahoma City, OK	Basic*
July 14-16	Albuquerque, NM	N/NP/P+
August 4-6	Washington, DC	AP/HF+
September 11-15	Oklahoma City, OK	Basic*
September 22-24	Atlanta, GA	O/O/E+
December 11-15	Oklahoma City, OK	Basic*

* This is a 4-1/2 day seminar which prepares physicians to be designated as Aviation Medical Examiners. Contact your Regional Flight Surgeon for more information (to find your Regional Flight Surgeon, visit http://www.faa.gov/licenses_certificates/medical_certification/rfs/index.cfm).

+ This is a 2-1/2 day AME seminar consisting of 12 hours of AME-specific subjects plus 8 hours of subjects related to a designated theme. For more information or to register, call the AME Programs office in Oklahoma City at 405-954-4830 or 4258.

Taken from the FAA's web site: www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/