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August 2024

The articles published in this newsletter are presented for informational purposes and topics of discussion and do not necessarily represent the opinions or recommendations of the Civil Aviation Medical Association.

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Flight Physician



A publication of the Civil Aviation Medical Association

CAMA News

LAST CALL TO REGISTER WITHOUT LATE CHARGE: CLOSING DATE AUGUST 20, 2024!

The CAMA Annual Scientific Meeting will take place September 19-21, 2024, at the Sheraton Jacksonville Hotel in Jacksonville, Florida. Please see Pages 21-22 for a copy of the program and Page 22 for the registration form. You may also register on the "Annual Meeting page" of the CAMA web site at www.civilavmed.org. **Registration for this educational meeting is open until August 20, 2024**, after which there will be a late registration fee and the room block will be closed, with space available only after that. Please make your hotel reservations and register to attend this meeting at your earliest convenience. The meeting educational program has been approved by the AAFP for 22.75 hours of CME and is approved by the FAA for AME Recertification (upon successful completion of the FAA AME test).

BREAKING NEWS: The Waggoner Diagnostics Company has donated a licensed copy of the most updated version of the Waggoner Computerized Color Vision Test (CCVT) worth \$999.00 to CAMA to give to a lucky Annual Scientific Meeting attendee!! We will include the names of all registered medical professionals for a drawing during the Honors Night Banquet in Friday evening. If you are registered for the meeting, you are eligible to participate in the drawing! See Page 8 for more information regarding Waggoner Diagnostics and the CCVT.

If you plan to fly your own airplane to Jacksonville to attend this meeting, check out the discounts and specials being offered by JAX Executive Jet Center for meeting attendees!! See Page 6 for details.

Dr. Russell B. Rayman, our Honors Night Keynote Speaker, has published a new book entitled "My Hallowed Ground, Reminiscences of A Flight Surgeon." He will have a number of copies of the book with him at the meeting to autograph and sell for \$30.00 each. If you wish to purchase a copy Dr. Rayman's book, please bring cash or a check, as he does not accept credit cards. Royalties from the book go to the AsMA Foundation. You may purchase the book in advance from Amazon or by using the form on Page 6 and bring it with you to be autographed by Dr. Rayman.

We look forward to seeing all of you at the 2024 Annual Scientific Meeting in Jacksonville, Florida, September 19-21, 2024!



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*Leigh L. Speicher, MD MPH
CAMA President 2023-2025*

Leigh L. Speicher, MD, MPH is board certified in Internal and Aerospace Medicine. She serves as a Consultant within the Section of the Executive Health Program at Mayo Clinic in Florida. Dr. Speicher is a licensed private pilot and a Senior FAA Aeromedical Examiner. She serves as the Aerospace Medicine Elective. Dr. Speicher is an Assistant Professor of Medicine. She is a Fellow of the American College of Physicians, Aerospace Medical Association, and the Civil Aviation Medicine Association.

Dr. Speicher earned her Bachelor of Science at Eckerd College in St. Petersburg, Florida and her medical degree from the University of Miami School of Medicine in Miami, Florida. She completed a general surgery internship at the National Navy Medical Center in Bethesda, Maryland and served as a Flight Surgeon for VP-30 at Naval Air Station Jacksonville while on active duty in the US Navy. She completed combined Internal and Aerospace Medicine Residency at the University of Texas Medical Branch in Galveston, Texas, where she also obtained a Master of Public Health degree. During this time, she continued to serve in the US Navy reserves attaining the rank of Commander before separating. She worked in the medical appeals department for the FAA prior to joining Mayo Clinic in 2012. Dr. Speicher enjoys spending time with family, traveling, and scuba diving.

CAMA President's Message

Wow, the FAA has implemented so many changes lately! I see 30 revisions as of 5/29/24 and 22 revisions as of 6/26/24 in the AME guide. Though these helpful and warranted updates are welcomed, it's certainly been a lot to keep up with. Sources of communication coming from the FAA include emails sent to AME's though AMCS, updates on the guide and AME website, the AME minute (links on page 27), the Federal Air Surgeon's Medical Bulletin, newly created Grand Rounds, and required training. Of course, one of my favorite ways to keep up is hearing from and interacting directly with FAA staff during our annual CAMA meeting. These are often the experts behind the changes and can assist in questions that arise during real-world cases.

My first office mate at the FAA in Oklahoma City back in 2011 and an amazing FAA MD, Dr. Judith Frazier, will be presenting at our meeting in Jacksonville on Thursday, 9/19/24. Until then, a vital update she wrote in the Federal Air Surgeon's Medical Bulletin can be found on pages 13-15. We are honored to have multiple FAA doctors on the agenda (page 20-21). They will each have lots of ground to cover for their respective specialties.

As I reflect to my 2 main goals, this educational meeting will certainly highlight CAMA's relevance and presence as a leading resource for AME's, especially with so much to learn. My 2nd goal is to increase participation at all of CAMA's programs. One way we are increasing participation at this year's annual conference is by inviting trainees from Mayo's Aerospace Medicine Rotation. My Co-Director, Dr. Dana Herrigel, and I were able to set the calendar of the rotation around CAMA so that our group of 16 residents and medical students can attend. Dr. Herrigel will also be leading an innovative session at our meeting. On Friday 9/20/24, you will have the opportunity to learn and even participate through simulation-based learning alongside our trainees. We

hope that this will be a fun and memorable session for all!

2023-2025 CAMA Goals:

- 1: Maintain CAMA's relevance and presence as a leading resource for AME's; and
- 2: Increase AME participation at CAMA Sunday, our AsMA Luncheon, and our Annual Scientific Meeting.

Below are some excerpts from the AME guide that I've been studying and using in practice. I'm looking forward to hearing feedback and lessons learned from my fellow AME's on these items and those I might not have even encountered yet.

Fast Track Pathway for anxiety, depression, and related conditions—see graphics on Page 4



(Continued on Page 4)

NOTE: The articles published in this newsletter are presented for informational purposes only and topics of discussion and do not necessarily represent the opinions or recommendations of the Civil Aviation Medical Association.

Updated CACI for weight loss that now includes tirzepatide.

CACI – Weight Loss Management Worksheet

(Use of Medication for Obesity or Overweight)
(Updated 05/25/2024)

To determine the applicant's eligibility for certification, the AME must review a current, detailed Clinical Progress Note generated from a clinic visit with the treating physician or specialist **no more than 90 days prior** to the AME exam. If the applicant **meets ALL the acceptable certification criteria** listed below, the Examiner can issue. Applicants for first or second-class must provide this information annually; applicants for third-class must provide the information with each required exam.

If the applicant has EVER had an A1C OF 6.5% or greater, DO NOT use this CACI.

AME MUST REVIEW	ACCEPTABLE CERTIFICATION CRITERIA
Medication is used for: Note: Diabetes in remission (diet-controlled), diabetes treated with medication (including insulin), or diabetes insipidus DO NOT qualify for this CACI.	☐ Weight Loss Management
Treating physician finds the condition is stable and NONE of the following are present: • Symptoms or complications associated with diabetes; • Side effects from the medication; and/or • Hypoglycemic events (symptoms or glucose 70 mg/dl or less) which required intervention in the past 12 months	☐ Yes
ONLY ONE of the medications listed is used: • AME should verify two-week observation time after starting for weight loss. (See Pharmaceuticals, Weight Loss Medication.) Note: 72-hour observation with each dosage change, either increasing or tapering the medication. • If using liraglutide, semaglutide, or tirzepatide verify no history of substance use disorder, psychosis/psychotic symptoms, suicidal ideation, or self-destructive ideations at any time.	☐ Yes Indicate which one medication is used: ☐ metformin OR ☐ liraglutide OR ☐ semaglutide OR ☐ tirzepatide
Current A1C Note: A1C 6.5% or greater is diagnostic for diabetes (ADA).	☐ Yes to all of the following: ☐ Within last 90 days; ☐ 6.4 mg/dL or LESS; and ☐ No history ever of A1C 6.5% or greater

AME MUST NOTE in Block 60 one of the following:

- ☐ CACI qualified weight loss management.
- ☐ Has current OR previous SI/AASI but now CACI qualified weight loss management.
- ☐ NOT CACI qualified weight loss management. I have deferred. (Submit supporting documents.)

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*Erwin Samuelson
Senior AME*



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James Butler, Senior AME, Board Certified Aerospace Medicine



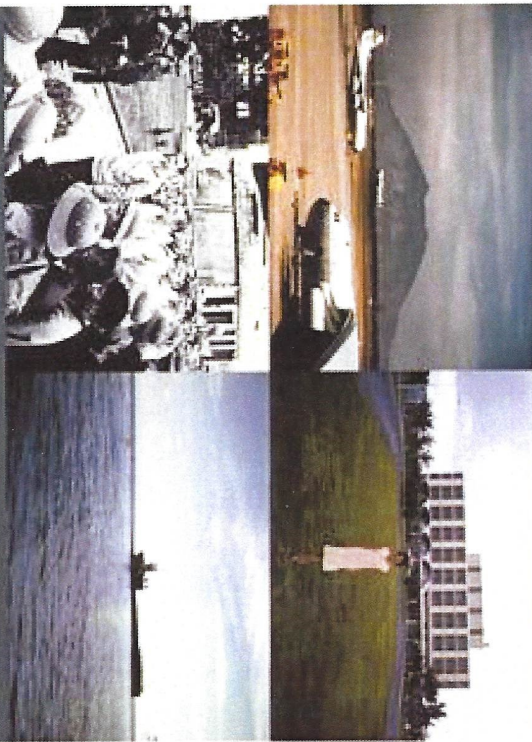
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NOTICE: WAIVED TIE DOWN FEES AND AVGAS DISCOUNTS FOR CAMA MEETING ATTENDEES!!



ADDRESS: 985 Charles Lindbergh Dr, Jacksonville, FL 32225
TELEPHONE: (904) 420-2000

JAX EXECUTIVE JET CENTER

KCRG

**SEPTEMBER 19TH
2024**

JACKSONVILLE, FL

CIVIL AIR MEDICAL ASSOCIATION 2024 ANNUAL MEETING

WAIVED TIE DOWN

Jax Executive Jet Center would like to welcome those traveling to the 2024 Civil Air Medical Association Meeting with waived Tie Down Fees!

DISCOUNTED FUEL

Jax Executive Jet Center is pleased to offer exclusive discounted fuel rates for all attendees traveling to the Civil Air Medical Association meeting. Take advantage of this special offer to make your trip more economical and convenient.

NEWLY RENOVATED FBO

Come September 2024, Jax Executive will have a newly renovated FBO. We look forward to showcasing our upgraded facilities.

At the CAMA Annual Scientific Meeting in Jacksonville, FL, September 19-21, 2025, one Waggoner Computerized Color Vision Test (CCVT) will be given away in a drawing free to an annual meeting attendee during the Friday Night Honors Banquet. Feel lucky? BE THERE!!



Elevate Flight Safety

Implement the Best Color Vision Testing with the Waggoner CCVT Today



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The following advertisement is provided for informational and planning purposes by the Mirebeau Park Hotel, Spokane Valley, Washington, the host hotel for the CAMA 2025 Annual Scientific Meeting. The conference will take place September 18-20, 2025. Registration for the 2025 annual meeting will open in early May, 2025. **SAVE THE DATE!!**

Following is a link with which to make room reservations for the 2025 Annual Scientific Meeting for those of you who prefer to plan in advance.

This is for the 2025 Annual Scientific Meeting only. LINK:

<https://reservations.mirabeauparkhotel.com/servlet/SendPage?hotelid=1798&skipfirstpage=true&page=2062>

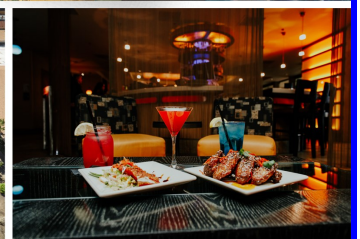
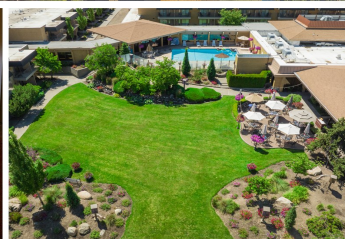
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9 Flight Physician August 2024

Did Alan Shepard Gift a Flown-to-the-Moon Golf Ball to His Barber?

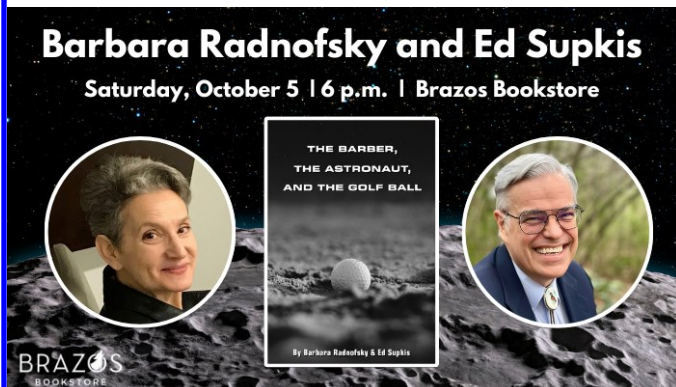
A Book and Movie Launch

On Saturday, Oct. 5 6pm at Brazos Bookstore, our new book exploring key actors and moments in the U.S. Space Program — and the world of space memorabilia will be launched. The 6 PM wine and cheese reception at Brazos before the Book event will be hosted by the Intercontinental Chamber of Commerce and its President/CEO, Reggie Grey.

<https://www.brazosbookstore.com/event/store-barbara-radnofsky-and-ed-supkis-barber-astronaut-and-golf-ball>

CAMA member and AME Ed Supkis and his wife Barbara Radnofsky worked on the short (25 minute) documentary on the same topic with British filmmaker Jonathan Richards (<https://www.jonathan-richards.tv/>). The documentary by Jonathan: <https://vimeo.com/878485586>

The "Cliff Note" version / Trailer of the book and documentary, from Stoney Creek Publishing: <https://stoneycreekpublishing.com/barber%2C-astronaut%2C-golf>



<https://www.brazosbookstore.com/event/store-barbara-radnofsky-and-ed-supkis-barber-astronaut-and-golf-ball>

And here are the reactions:

"It's perfect!! Barbara and Ed capture Daddy and his long friendship with Carlos."

Laura Shepard, Daughter of Alan Shepard

"Brings back the glory days of the U.S. Space Program and the importance of the 'little people' who made it happen. We see stern Shepard in a new and admirable light - in Shepard's high regard for the vast team of dedicated supporters who enabled astronauts to succeed."

Charlie Duke, Apollo Moonwalking Astronaut

"A fascinating book, where the question becomes more important than the answer, providing an intriguing look at Alan Shepard 'to the Max.'"

Rob Parrish MD, PhD, Neurosurgeon, FAA Aviation Medical Examiner, Colonel (Retired) US Army Commercially Rated Pilot, Law Enforcement Officer, Lone Star Flight Museum Board of Directors

"The Barber, the Astronaut and the Golf Ball is a story about history, fate, space and surprising connections. And it is beautifully rendered from all of those angles."

Wil Haygood, Author of THE BUTLER

"An incredibly human, down-to-earth memoir of early space travel with a focus on friendship, family and legacy. From Alan Shepard playing golf on the moon to both authors' fathers' behind-the-scenes contributions to astronaut technology, this book is a thrilling, eye level recollection of humanity's greatest achievement."

Keaton Patterson, Lead Buyer, Brazos Bookstore
Nominator: Library of Congress Prize for American Fiction 2021-2024, Fiction Judge: National Book Award 2020. Best Translated Book Award 2019-2020

"Our neighbors provide the personal side of Alan Shepard — the first US astronaut and 5th guy to walk on the moon — and his genuine friendship with our friend, Carlos the Barber. Our newer and younger residents of Space City will connect with the great stories as we go forward on the next exploration of the moon."

Jon Powell, Scientist, City Councilman, Former Mayor, Taylor Lake Village, TX.

Barbara Radnofsky is a mediator, author teacher and lawyer. Barbara co-founded the Houston chapter of the National Association of Urban Debate Leagues and has served on numerous charitable boards and as a volunteer peer mediation teacher in public and private schools.

Ed is board-certified anesthesiologist who specialized in cardiac anesthesia, working with Dr. Michael Debakey and at MD Anderson Cancer Center, where he served as Director of quality assurance for the division of anesthesiology, and as Medical Director of Respiratory Care for the Division of Surgery and anesthesiology. He then served as Medical Director for the Methodist Hospital Anesthesia Preoperative Assessment Clinic, where he was awarded the Hospital's Patient Safety Award. He's served numerous national and international committees devoted to quality improvement, standards, testing, and patient safety. With many inventions, Dr. Supkis is known for the Supkis catheter, a specialized device used for safe exchange of breathing tubes in patients with difficult airways. Ed now serves as a Senior Aviation Medical Examiner for the Federal Aviation Administration and is an instrument-rated, multi-engine private pilot.

Proposed Bylaws changes to be voted upon during the Annual Meeting Business Meeting on Friday, September 20, 2024, in Jacksonville, FL.

Current Bylaws:

ARTICLE VII. OFFICERS

Section 1. The Officers of the Association shall be:

President
Immediate Past President
President-Elect
Secretary-Treasurer
Vice President of Education
Vice President of Management and Planning
Vice President of Representation, and
Communications
The EVP will be an ex-officio member of the EB
and EC

Current Bylaws:

Section 3. Standing Committees

A. The following standing committees will report to the following Vice Presidents and be organized as follows:

1. Vice President for Management and Planning

- a) Awards. The appointed Chair for this committee is to be the Immediate Past President by default. If the Immediate Past President declines or abstains from accepting this appointment, then a volunteer or duly nominated non-elected member may be appointed as the Awards Chair by the Nominating Committee.
- b) Bylaws. The appointed Chair of this committee is also to be names and conduct meetings as the Parliamentarian by default. If the Bylaws chairperson declines to accept the Parliamentarian role, or is absent from a meeting, then a volunteer or duly nominated non-elected member may be appointed as Parliamentarian by the Nominating Committee – on either a temporary role during meeting
- c) History. The appointed Chair for this committee is to be named the Historian.
- d) Long Range Planning. The appointed Chair is to be the President-elect by default.
- e) Membership
- f) Civil Space Medicine

2. Vice President for Education

- a) Arrangements
- b) Education/Training
- c) Safety and Human Factors
- d) Scientific Program

Proposed Bylaws with **changes in red**:

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- d) Long Range Planning. The appointed Chair is to be the President-elect by default.
- e) Membership
- f) Civil Space Medicine
- g) Finance Committee**

2. Vice President for Education

- a) Arrangements
- b) Education/Training
- c) Safety and Human Factors
- d) Scientific Program
- e) Human Intervention Motivation Study (HIMS)**

Congratulations to Federal Air Surgeon, Past CAMA President, CAMA Fellow, and frequent participant in CAMA Annual Scientific Meetings Susan E. Northrup, MD, MPH on receiving this prestigious and well-deserved award!



LAURA TABER BARBOUR
AIR SAFETY AWARD

Dr. Susan E. Northrup

July 18, 2024

Luthersville, Georgia
Susan.northrup-md@faa.gov and

Dear Dr. Northrup:

This letter follows our recent call to inform you that you have been unanimously selected as the 2024 recipient of **The Laura Taber Barbour Air Safety Award**. This award has been the most prestigious award presented at Flight Safety Foundation's International Aviation Safety Summit (IASS) every year since 1956, recognizing notable achievement in the field of aviation safety – civil or military – in method, design, invention, study or other improvement.

The Barbour Award memorializes Mrs. Laura Taber Barbour who was a passenger on a commercial airplane that crashed while attempting a landing in Morgantown, West Virginia, killing all aboard. Her husband, Rev. Dr. Clifford Barbour, and son, Clifford Barbour, Jr., initiated the Barbour Award from life insurance proceeds paid to the victims' families. More information can be found on the website: www.ltbaward.org

This year, the presentation of the Laura Taber Barbour Air Safety Award will take place at the Flight Safety Foundation's International Aviation Safety Summit (IASS) event, which will be held from November 5th to 7th, 2024, in Rio de Janeiro, Brazil, at the Grand Hyatt Rio.

The Laura Taber Barbour Air Safety Foundation is honored to make this presentation and will cover the cost of the IASS event for you and your spouse. A

stipend will be provided as an acknowledgement of your achievements in aviation safety, which should offset the cost of transportation to and from the event and necessary hotel expenses.

Again, CONGRATULATIONS, and thank you for your leadership and achievements through a variety of means, including as Federal Air Surgeon, overseeing groundbreaking initiatives which significantly impacted pilot health and safety.

Sincerely,

Nancy Graham, Chair

Nancy Graham | 28382 Willis Ranch | San Antonio, TX 78260 | 210-531-6381

GETTING TO YES



AEROMEDICAL ADVISORY a checkup on all things aeromedical

By Susan Northrup, MD, MPH Federal Air Surgeon
Reprinted with FAA permission from FAA Safety Briefing
dated July/August 2024 dated 07-03-24

In the [May/Jun 2024 issue](#) of the FAA Safety Briefing, I reviewed some fatal accidents where either a mental health diagnosis and/or drug (some illicit) contributed. These were examples of why we do not authorize some diagnoses and treatments for flying.

Link to the May/June 2024 FAS article also printed in the June edition of the CAMA Flight Physician newsletter:

Misfortune with Medications

[Aeromedical Advisory: a checkup on all things aeromedical medium.com](#)

Now I would like to review what we have done over the past decades to allow more pilots with formerly disqualifying conditions to fly (after appropriate evaluation and treatment).

Before we do that, recall that the FAA medical examination can differ from a clinical evaluation. The FAA exam is more akin to an occupational exam. Our goal is to determine if someone can safely operate in the National Airspace System (NAS). As such, we sometimes ask for testing, which would not be requested for routine clinical management. We also do not allow some treatment options, which may adversely impact aviation safety.

Long ago, the professional aviation community recognized that alcohol abuse was a significant safety issue; however, it was often hidden due to concerns that disclosure was career-ending. In the 1970s, the FAA, industry, and the unions collaborated to develop the current HIMS (Human Intervention Motivational Study) program. FYI, the program was purposely called HIMS to avoid any negative attention since it was designed to return pilots to the cockpit despite a known substance abuse disorder once in satisfactory recovery. To date, thousands of pilots have successfully been treated, monitored, and

returned to both the flight deck and sobriety. The 85% success rate is among the highest of similar programs.



Significant cardiac disease was once a permanent grounding item. If you had a heart attack, you could not fly again as a crew member. Since the early 1980s, coronary bypass graft surgeries, balloon angioplasty, stenting, and valve replacement have become almost routine, and thousands of pilots with these procedures have been returned to flight status. We convene a team of cardiologists to review these cases on a regular basis. We often request additional testing, but remember, we are not evaluating just your clinical care, but the risk to aviation safety.

Insulin-treated diabetes mellitus was also permanently disqualifying for many years. Both a low blood sugar and one too high can impair cognition. In the 1980s, the FAA first authorized non-insulin treatment of diabetes for pilots. In 1996, the FAA approved a protocol for the use of insulin by pilots holding a Class III medical. Technology continued to advance, and the FAA began authorization of insulin-treated pilots with diabetes for Class I and II medical certificates in 2019 if they demonstrate excellent control. To date, more than 250 pilots have been authorized for a Class I or II medical despite using insulin to control their diabetes.

ADHD, attention deficit hyperactivity disorder, is a diagnosis seen much more frequently now than a few decades ago. Some of this is due to better recognition; unfortunately, some is due to over-diagnosis. We have recently looked at our records of those with this diagnosis and the outcomes of the evaluations that we required. As a result, we have been able to institute a fast-track pathway to more rapid approval for those who are off medications and have functioned well (such as occupational or academic success without accommodation) for at least four years.

Depression and the use of anti-depressants have been particularly challenging for the FAA to approve. Why? Both the medications and the underlying diagnosis can impair executive functions such as problem-solving and decision-making. In other

(Continued on Page 14)

(Continued from Page 14)

words, both can impair one's ability to recognize self-impairment. After careful research and discussion, we authorized four SSRIs (selective serotonin reuptake inhibitors) under a specific protocol in 2010. This program has been very successful. Over the past year, we have added an additional four medications as acceptable treatments of depression and anxiety.

While we cannot approve everyone, we have steadily increased the number of conditions that we can approve after appropriate evaluation and treatment. Both the treatment and condition must be aeromedically acceptable; this has been and will remain challenging. Nonetheless, we will continue our efforts to get to "yes" when it is safe to do so.

Medical Certification Policy Updates

By Judith Frazier, MD, MBA

Reprinted with permission from the Federal Air Surgeon's Medical Bulletin, Volume 59, Number 1, dated 06/20/24.

Dr. Frazier is the Manager of the Policy and Standards Branch in the Office of Aerospace Medicine and is scheduled to give a presentation during the CAMA Annual Scientific Meeting in Jacksonville in September.

The Policy and Standards branch continues to focus on helping Aviation Medical Examiners (AMEs) more easily obtain the information needed to make a medical certification decision. This version highlights policy changes and updates published between November 2023 and May 2024. The full list of changes is hyper-linked in the [Archives and Updates](#) section of the AME Guide.

Psychiatry/Behavioral Health

Anxiety, Depression and Related Conditions – introduced new disposition table and a new [Decision Tool for the AME](#). Using this tool, AMEs may be able to issue a combination of up to two (2) behavioral health diagnoses when uncomplicated, treated with a single medication 2 years ago or longer.

If currently in psychotherapy and no medication, may also be issued using the Decision Tool. Remember to put the specific wording from the dispo table in Block 60 so we know you used the Decision Tool!

Expanded acceptable [antidepressant medications](#) (previous known as the SSRI protocol) to include EIGHT (8) medications of various classes (SSRI, SNRI, and NDRI).

Post-Traumatic Stress Disorder (PTSD) – revised the disposition table to allow ongoing psychotherapy.

Need to reach an FAA psychiatrist with a question? Use the new Branch email 9-AVS-Psychiatry-Branch@faa.gov.

Cardiac

Coronary Heart Disease (CHD) – Expanded disposition table added listing out initial certification requirements by class. Corresponding Protocol page added.

Recertification. Simplified the [AASI for CHD](#) requirements for recertification for all classes by removing the annual stress test. If currently on an **AASI** for CHD/CAD, the RECERTIFICATION evaluation data is based on control of risk factors. Have the treating cardiologist complete the [Coronary Heart Disease \(CHD\)/ Coronary Artery Disease \(CAD\) Recertification Status Summary](#). Please let your pilots know about this new change as we started to update their authorization letters!

If risk factors are not controlled, a stress test may be required. If currently on a **SI**, the CHD/CAD Recertification Status Summary should also be submitted to expedite recertification along with any stress testing requested per the authorization letter.

Atrial Fibrillation (A-Fib)/A-Flutter – Simplified [Status Summary](#) to use for both Initial and Recertification. Remember to send in the clinic notes showing how the A-Fib/Flutter was diagnosed for INITIAL certification consideration.

Chest Pain/Angina – New disposition table.

ECG/EKG – Clarified a full 12-lead ECG is required. (1,2, or 6 leads are not acceptable). Must be 25mm/sec at 10 mV.

Hemoglobin A1c replaces a fasting blood sugar on multiple cardiac pages and protocols.

Pacemaker – [Status Summary](#) expands recertification based on Estimated Replacement Interval. Pilots can be issued an annual SI until the month prior to the ERI expiration which is typically 3-4 months of battery life remaining.

(Continued on Page 15)

(Continued from Page 15)

Valve repair and **Valve replacement** – simplified. Removed requirements for stress testing for all classes.

Otolaryngology (ENT)

ENT – Section updated. Expanded and updated disposition tables for both [Middle Ear](#) and [Outer Ear](#).

Cochlear implant – new disposition table.

Vertigo – New or expanded disposition tables for vertigo conditions such as [Benign Paroxysmal Positional Vertigo \(BPPV\)](#), [Labyrinthitis \(Vestibular Neuritis, Viral labyrinthitis, Epidemic Vertigo, Acute Vestibulopathy\)](#), [Meniere's Disease](#), [Perilymph Fistula \(PLF\)](#), [Persistent postural Perceptual Dizziness \(PPPD or 3PD\)](#) and [Superior Semicircular Canal Dehiscence Syndrome \(SSCDS\)](#).

Other Systems/Miscellaneous

GI – [Cholelithiasis](#). Updated disposition table.

Medical Certificate Limitations – Added reference to limitations by system.

Neurology – [Syncope](#). Expanded disposition table. New [Chiari Malformation Disposition Table](#). Added caffeine use to social history the [FAA Specifications for Neurologic Evaluation](#).

Ophthalmology – [Lattice Degeneration](#). New disposition table.

Pharmaceuticals

Pharmaceuticals – Weight Loss Management Medications added as CACI. New Weight Loss Management Status Report (to use with CACI or SI). Clarified Loperamide should not be used for acute illness.

Help us improve the AME guide! Send your comments or suggestions to: AMEGuide@FAA.gov. (This mailbox does not answer case questions.)



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CAMA

FLIGHT MEDICINE PHYSICIAN JOB OPPORTUNITY

Argent Technologies, LLC is seeking a Flight Medicine Physician for Minot AFB, ND.

Locations:

[Minot AFB, ND](#)

Minimum Requirements*

- Completion of internship and residency
- Possess a current, active, unrestricted Medical License to practice in any state or US jurisdiction.
- Must be current MD/DO
- Current board certification in Aerospace Medicine is highly recommended.
- Current civilian DEA registration
- Current BLS certificate from the American Heart Association
- Minimum of 35 hours of direct patient care in the past year
- Minimum of 3 years' experience in the last 10 years as a privileged flight surgeon at a US Military installation

*Some positions have additional or alternate requirements. For a full, complete, and more detailed account of these positions and their requirements, please click on the location you are interested in above.

[FOR MORE DETAILS AND TO APPLY CLICK HERE](#)

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Home Office Activities and Information



Sherry Sandoval
CAMA Executive Vice President

Dues and Membership 2024

Current Regular membership dues for a calendar year are \$250.00; Sustaining Membership is \$500.00; a fully retired AME may retain CAMA membership for \$85.00; Life Membership is currently \$2500.00; and Corporate Membership is \$550.00. Medical Students, Interns, Residents, and some Fellows may become CAMA members at no cost. The various dues forms are available at the end of this newsletter and can also be accessed on the Members Lounge page of the CAMA website at www.civilavmed.org. If you have not done so already, please take a few moments to pay your 2024 CAMA dues so that you do not miss out on any news or activities.

Call the CAMA Home Office at 770-487-0100 or email civilavmed@aol.com if you have questions or experience problems using the CAMA website to pay your annual dues or to register for this year's annual scientific meeting.

2024 Annual Scientific Meeting in Jacksonville, Florida LAST CALL!!

The last day for on-time registration and room reservations within the CAMA block for this year's Annual Scientific Meeting in August 20, 2024. The Sheraton Hotel Jacksonville is the host hotel, located near a large shopping mall and a number of restaurants with free parking for meeting participants.

The link with which attendees can make hotel reservations at the Sheraton Jacksonville, is as follows (it is also on the Annual Meeting page of the CAMA website):

[Sheraton Jacksonville Hotel - CAMA Annual Conference 2024](#)

Our activities during this year's event include having a meet-and-greet appetizer and cocktail party on Thursday evening at a new Flight Base of Operations (FBO) facility at the Jacksonville Executive Jet Center. The FBO hangar and pilots' lounge have been undergoing renovations and improvements that will be completed by the time of

the 2024 Annual Scientific Meeting. The FBO is offering some specials and discounts for CAMA members who plan to fly their own aircraft in during the meeting. See Page 7 for information about these specials and the JAX Executive Jet Center.

Jordan Patrish, Director of Marketing, and R. Blake Wrinkle, FBO Manager of JAX Executive Jet Center at the KCRG Airport, promise a number of beautiful aircraft will be staged in the upgraded hangar around which we will spend an hour or so with light appetizers and a couple of cash bars to relax and network with the attendees and those corporate members who elect to participate in the conference activities.

After the meet-and-greet at the FBO, we will have dinner at the newly established Deerwood Castle and Jacksonville Sports Car Museum as the second leg of our field trip. Deerwood Castle has an amazing collection of exotic cars, some of which belonged to celebrities and several from some well-known movies (all of which are for sale)!

You may register for this year's meeting online on the CAMA website at www.civilavmed.org or by using the forms included in this newsletter on Page 22. The annual scientific meeting program has been sanctioned by the FAA as fulfilling the requirements for AME recertification/refresher purposes. The program (see Pages 20-21) has been approved by the AAFP for a rating of 22.75 hours of CME and attendees will receive a CME certificate upon completion of the conference.

In addition to a fantastic educational program, great food, fellowship, networking opportunities, and CME, each registered medical professional will also receive a video library of the entire program, every lecture and every slide, to keep as a reference and educational instrument.

We look forward to seeing all of you at the 2024 CAMA Annual Scientific Meeting September 19-21st in Jacksonville, Florida!

2025 Annual Scientific Meeting in Spokane, Washington

We are very pleased to announce that our 2025 Annual Scientific Meeting will take place September 18-20, 2025, at the Mirabeau Park Hotel in Spokane, Washington. The hotel includes a fabulous destination restaurant called Max, and Chef Andrew has promised us an amazing dining experience during our conference!

The Forrest Bird Aviation Museum and Inventor Center, located at Pappy Boyington Field just north

(Continued on Page 19)

of Coeur d'Alene, Idaho, is a short bus ride from the Mirabeau Park Hotel and will host our 2025 field trip and catered dinner. Forrest M. Bird, MD, PhD, was President of CAMA 1993-1995, and was a tremendous supporter of the organization until his death in 2015. His wife, Pamela Riddle Bird, carried on his support of CAMA until her passing later in 2015. Her daughter, Rachel Riddle Schwam, is the Executive Director of the museum and looks forward to hosting CAMA at Dr. Bird's museum among some of his favorite airplanes, cars, and amazing inventions, including the first mechanical respirator and the "Babybird" respirator that reduced the rate of breathing-related infant mortality from 70% to 10%.

To read more about this fascinating individual who was such a huge part of CAMA history, check out his Wikipedia page at [Forrest Bird - Wikipedia](#).

2026 Annual Scientific Meeting in Dayton, Ohio

The Marriott University of Dayton Hotel has been contracted to host the 2026 meeting, and we have contracted with the National Museum of the US Air Force for that facility to host our 2026 field trip and catered dinner. Check out this museum on their website at: [National Museum of the USAF](#)

Dayton, Ohio, has a number of other very interesting museums and attractions, many of which are within walking distance of the host hotel. Among those CAMA attendees will want to see: The Wright Brothers National Museum, The National Aviation Hall of Fame, The Wright Brothers Memorial, Carillon Historical Park, and many other sites.

Wright State University is the repository for the CAMA Archives. On the CAMA website (www.civilavmed.org), click on the "About CAMA" tab and scroll to "CAMA History" - the direct link to view the CAMA Archives is:

[Civil Aviation Medical Association Records \(MS-526\) | Wright State University Research | CORE Scholar](#)

This website is fully searchable and contains documents, newsletters, and photographs documenting the amazing history of the Civil Aviation Medical Association.



Following is a video on Aerospace Medicine from the University of Texas Medical Branch, which is outstanding, especially for those who are new to the field:

<https://utmb.hosted.panopto.com/Panopto/Pages/Embed.aspx?id=8daf6194-5952-4896-8a1f-b15d0123b16d>

CAMA Refund Policy

As of 01/01/2018, the cancellation/refund policy with regard to Annual Scientific Meeting registration fees and guest fees has been established as follows:

- 1) If a refund is requested due to cancellation of attendance **prior** to the catering guarantee date (*normally about three weeks prior to the first day of the meeting – it varies by hotel, caterer, and location*), 10% of the total registration fee amount, or \$75.00, whichever is greater, will be withheld to cover bank and service processing fees.
- 2) If a refund is requested due to a cancellation of attendance **after** the catering guarantee date, the cost of the meals will be withheld from the refund, plus 10% of the total registration fee to cover bank and service processing fees.

CIVIL AVIATION MEDICAL ASSOCIATION



CAMA

Sheraton Jacksonville
10605 Deerwood Park Blvd
Jacksonville, FL 32256
Telephone: 904-564-4772

**THE CIVIL AVIATION
MEDICAL ASSOCIATION
ANNUAL SCIENTIFIC MEETING**
September 19 – 21, 2024

**"EVOLVING TREATMENT AND
CERTIFICATION IN TEMPORARY
AEROSPACE MEDICINE"**

NOTE: CAMA SSID/Conference WiFi password is:
CAMA2024!

WEDNESDAY, SEPTEMBER 18, 2024

03:00 PM to 06:00 PM

CAMA Board Meeting
Ballroom

07:00 PM to 09:00 PM

Meeting Registration
Sheraton Jacksonville Lobby

THURSDAY, SEPTEMBER 19, 2024

07:00 AM to 08:00 AM

Breakfast Buffet
Hotel Dining Room – Bring your
Breakfast Voucher

08:00 AM to 08:30 AM

Welcome and Introductions
Ballroom

• Welcome from CAMA

Leigh L. Speicher, MD, MPH
President, CAMA

Sherry Sandovall
Executive VP, CAMA
Schedule & Field Trip Info

• Welcome from FAA/CAMI

Deann King, EdD, Manager, Aerospace
Medical Education Division, FAA
Oklahoma City, OK

08:30 AM to 09:30 AM

**AME Program Overview and
Performance**

Jason Sigmon, MD, FACS
Regional Flight Surgeon,
International/US Military/Federal
Medical Officer, Aerospace Medical
Education Division, AAM400
Oklahoma City, OK

09:30 AM to 09:45 AM

09:45 AM to 10:45 AM

Morning Break

**Aeromedical Assessment
Updates from the Federal Air
Surgeon's Office**
Susan E. Northrup, MD MPH,
Federal Air Surgeon,
Washington, DC

10:45 AM to 11:45 AM

**"Certification issues – CACI
Conditions and Working with
the Online Guide for AMEs"**

Judith A. Frazier, MD, MBA
Medical Officer, FAA Aerospace
Medical Education Division,
Oklahoma City, OK

11:45 AM to 12:45 PM

Luncheon Buffet

Hotel Dining Room

12:45 PM to 01:45 PM

"ENT FAA Update"

Jason Sigmon, MD, FACS
Federal Medical Officer, Aerospace

01:45 PM to 02:45 PM

Medical Education Division,
AAM400, OKC, OK

"Medical Legal Issues"

Jessica Kabaz-Gomez, Senior
Attorney, FAA Office of Chief
Counsel, Enforcement Division,
Washington, DC

02:45 PM to 03:00 PM

Afternoon Break

03:00 PM to 04:00 PM

"Ophthalmology FAA Updates"

Alan M. Kozarsky, MD
Ophthalmologist
Atlanta, GA

04:00 PM 5:00 PM

"FAA Medications Updates"

Vinh "Vickie" Kieu, PharmD,
BCACP, FAA Pharmacist
Washington, DC

05:30 PM – 5:45 PM

Load Buses for Field Trip

06:15 PM – 10:00 PM

**Field Trip to the JAX Executive
Airport FBO and Catered
Dinner at Deerfield Castle**
Casual dress and comfy shoes
recommended.

FRIDAY, SEPTEMBER 20, 2024

07:00 AM to 08:00 AM

Breakfast Buffet
Hotel Dining Room – Bring Voucher

08:00 AM to 09:00 AM

"NOAA Aircraft Center Missions and Capabilities"

Captain Nathan Kahn
Commanding Officer NOAA
Lakeland, Florida

09:00 AM to 10:00 AM

"Aerospace Pulmonology"

Clayton T. Cowl, MD, MS
Pulmonology, Mayo Clinic
Rochester, MN

10:00 AM to 10:15 AM

Morning Break

10:15 AM to 11:15 AM

**"Infectious Disease Update
2024 with Covid-19 Declared
Over"**

Richard S. Roth, MD, Senior
AME, Infectious Disease/Internal
Medicine, Savannah, GA

11:15 AM to 12:15 PM

"Obstructive Sleep Apnea and Fatigue"

Jason Sigmon, MD, FACS
Federal Medical Officer, Aerospace
Medical Education Division,
AAM400, OKC, OK

12:15 PM to 12:30 PM

CAMA Business Meeting

12:30 PM to 01:30 PM	Luncheon Buffet Hotel Dining Room
01:30 PM to 02:30 PM	"Aviation Neurology Update" Joseph I. Sirven, MD Neurologist, Mayo Clinic Jacksonville, FL
02:30 PM to 02:45 PM	Break
02:45 PM to 03:45 PM	"What's in the Future for Neurocognitive Testing for Aviators?" Kelene Fercho, PhD, FAA Psychologist, CAMI Oklahoma City, OK
03:45 PM to 05:00 PM	In-Flight Medical Emergency Simulation Dana Herrigel, MD Assistant Professor of Medicine, Director of Clinical Education, Mayo Clinic, Jacksonville, FL
06:30 PM to 07:00 PM	Happy Hour Ballroom Foyer
07:00 PM to 08:00 PM	CAMA Honors Night Banquet Ballroom The dress is business casual – more formal wear optional.
08:00 PM to 09:00 PM	Keynote Presentation: "My Hallowed Ground – Reminiscences of a Flight Surgeon" Russell B. Rayman, MD, MPH, DAVMed, Preventive Medicine and Aerospace Medicine, Col. (Ret.) USAF, Past Executive Director of AsMA, Past CAMA Trustee, Author
09:00 PM to 09:30 PM	Awards ceremony
SATURDAY, SEPTEMBER 21, 2024	
07:00 AM to 08:00 AM	Breakfast Buffet Hotel Dining Room – Bring Voucher
08:00 AM to 09:00 AM	"Alcohol and Drug Use: Roadmap to Certification" Christopher F. Flynn, MD Psychiatrist, Washington, DC
09:00 AM to 10:00 AM	"Orthopedic Considerations in Aviation Medicine" Guy Foulkes, MD Orthopedic Hand Surgery Hilton Head Island, SC
10:00 AM to 10:15 AM	Morning Break

10:15 AM to 11:15 AM	"Mental Fitness to Fly: Pathway to Psychiatric Certification" Chadwick Burdoff, MD FAA Psychiatry Deputy Branch Manager, Washington, DC
11:15 AM to 12:00 Noon	Mayo Aerospace History Video: "Mayo Clinic Heritage Films/Mayo Clinic History & Heritage" (Rising to the Challenge)
12:00 Noon to 01:00 PM	Luncheon Buffet Hotel Dining Room
01:00 PM to 02:00 PM	"Update on Medical Certification of Cardiac Conditions" Thomas Flipse, MD Cardiology, Mayo Clinic Jacksonville, FL
02:00 PM to 02:15 PM	Afternoon Break
02:15 PM to 05:00 PM	Case Study & Panel Discussion: "Would You Fly with This Pilot? – Aeromedical Decision-Making" Moderator: Susan Northrup, MD, MPH, Federal Air Surgeon Washington, DC Panel Members: Joseph I. Sirven, MD, Neurology Thomas Flipse, MD, Cardiology Christopher F. Flynn, MD, Psychiatry Judith A. Frazier, MD, MBA, FAA Certification Alan Kozarsky, MD, Ophthalmology
05:00 PM	Adjourn**
**Please pick up your CME Certificate from the CAMA table at the completion of the meeting on Saturday.	
To receive FAA credit for recertification/refresher training, you must complete the FAA test online no later than Tuesday, September 24, 2024.	
No CAMA dinner is planned for Saturday evening. You are free to plan your own activities for the evening or to depart for home if you prefer.	
Emergency Contact During the Meeting: Sherry Sandoval, CAMA EVP Call or Text 770-487-0100	

PROGRAM OBJECTIVES:

- To understand and apply the changes in aviation medicine to the individual's private practice
- To assess specific clinical conditions/disciplines with respect to aviation medicine to correctly utilize the Federal Aviation medical standards with the specific conditions discussed
- To Comprehend the FAA medical program initiatives
- To understand to be able to work with the aeromedical certification system
- To comprehend the legal aspects of being an AME

The AAFP has reviewed Civil Aviation Medical Association Annual Scientific Meeting 2024 and deemed it acceptable for up to 22.75 Live AAFP Prescribed credit(s). Term of Approval is from 09/19/2024 to 09/21/2024. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP Prescribed credit is accepted by the American Medical Association as equivalent to *AMA PRA Category 1 credit(s)*™ toward the AMA Physician's Recognition Award. When applying for the AMA PRA, Prescribed credit earned must be reported as Participation, not as Category 1.

This program is approved for FAA-AME training.

Civil Aviation Medical Association
P. O. Box 823177, Dallas, TX 75382
Phone: 770-487-0100
FAX: 770-487-0080
Email: civilawmed@aol.com
Web Site: www.civilawmed.org



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**CIVIL AVIATION MEDICAL ASSOCIATION
ANNUAL SCIENTIFIC MEETING, SEPTEMBER 19-21, 2024
SHERATON JACKSONVILLE HOTEL, JACKSONVILLE, FLORIDA 32256**

ATTENDEE NAME & TITLE*:		AME NUMBER:	
*(MD, DO, MBChB, MBBS, PhD, MS, etc.) SPECIALTY:			
ARE YOU BRINGING A SPOUSE OR OTHER GUEST(S) WHO WILL BE EATING MEALS WITH YOU, AND/OR GOING ON THE FIELD TRIP WITH YOU?			
YES:		☐	NO: ☐
SPOUSE/GUEST NAME AND TITLE* IF APPLICABLE:			
NOTE: There is a \$895.00 registration fee for each participating guest to cover eight meals and the field trip. (Tickets to the field trip and/or banquet are NOT sold separately. If your guest is also a medical professional in need of CME, please provide that information and titles.)			
ATTENDEE ADDRESS:			
(Please use the address you wish to be used in the participant roster that will be given to all in attendance)			
CITY:		STATE/PROVINCE:	
ZIP:	COUNTRY:	PHONE:	
EMAIL (REQUIRED):		CELL PHONE:	
DO YOU OR YOUR GUEST HAVE ANY SPECIAL DIETARY NEEDS?		YES: ☐	NO: ☐
		PLEASE DESCRIBE: (Vegan, Vegetarian, Gluten intolerant, etc.) and indicate which individual.	
REGISTRATION FEE MAY BE PAID BY CHECK (U.S. DOLLARS) OR CREDIT CARD			
CREDIT CARD TYPE:		VISA: ☐	MASTER CARD: ☐
		AMERICAN EXPRESS: ☐	
CREDIT CARD NUMBER:	SECURITY CODE (CVV)	ZIP CODE OF CARD BILLING ADDRESS	
EXPIRATION DATE:		SIGNATURE:	
AUTHORIZED CHARGE AMOUNT (U. S. DOLLARS):			
CHECK ENCLOSED (U.S. DOLLARS):		CHECK AMOUNT:	

PERSONS REGISTERING TO ATTEND THE CAMA ANNUAL SCIENTIFIC MEETING - PLEASE MAKE YOUR HOTEL RESERVATIONS ONLINE BY USING THE FOLLOWING LINK (use "control" + click to activate link):

Sheraton Jacksonville Hotel - CAMA Annual Conference 2024 THIS IS A SPECIAL LINK EXCLUSIVELY FOR CAMA MEETING ATTENDEES TO USE TO RECEIVE THE CAMA ROOM RATE OF \$159.00, PLUS APPLICABLE FEES AND TAXES. ALL RESERVATIONS MUST BE MADE BY AUGUST 20, 2024, TO RECEIVE THE CAMA RATE AND FOR AVAILABILITY. ROOMS AFTER THAT DATE ON AVAILABILITY BASIS ONLY.

CAMA MEMBER REGISTERED ON OR BEFORE AUGUST 20, 2024	\$1395.00 U. S. DOLLARS
CAMA MEMBER REGISTERED AFTER AUGUST 20, 2024	\$1445.00 U. S. DOLLARS
SPOUSE/GUEST OF ATTENDEE	\$ 895.00 U. S. DOLLARS
*NON-MEMBER REGISTERED ON OR BEFORE AUGUST 20, 2024	\$1670.00 U. S. DOLLARS
*NON-MEMBER REGISTERED AFTER AUGUST 20, 2024	\$1720.00 U. S. DOLLARS

NOTE: Registration and guest fees include 8 meals – Buffet breakfast and lunch on Thursday, Friday, and Saturday, a field trip to the Deerwood Castle Exotic Car Club with a catered dinner on Thursday night, and the Honors Night Banquet on Friday Night. No activities are scheduled for Saturday evening.

***NON-MEMBERS - IF YOU WISH TO REGISTER AT THE LOWER MEMBER RATE, YOU MAY BECOME A MEMBER OF CAMA BY REQUESTING A 2024 MEMBERSHIP FORM OR BY COMPLETING THE FORM ONLINE AT OUR WEB SITE WWW.CIVILAVMED.ORG ON THE MEMBERS' LOUNGE PAGE. THE FORMS CAN BE SUBMITTED SIMULTANEOUSLY.**

SUBMIT REGISTRATION FORMS ONLINE VIA OUR WEB SITE, OR BY EMAIL, FAX, OR REGULAR MAIL TO:

CIVIL AVIATION MEDICAL ASSOCIATION
P. O. BOX 823177, DALLAS, TX 75382

PHONE: 770-487-0100
FAX: 770-487-0080
EMAIL: civilavmed@aol.com

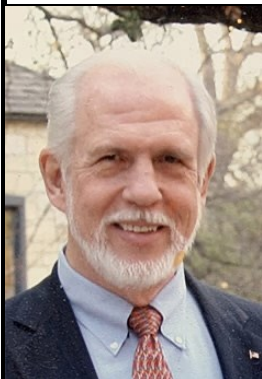
*All registrations will be acknowledged by email - an email address is required. If you do not receive a confirmation email that your registration has been received, please contact CAMA. We do not share email addresses with any other groups or individuals. **YOU MAY ALSO REGISTER AND PAY ONLINE AT WWW.CIVILAVMED.ORG on the ANNUAL MEETING PAGE.***

THIS MEETING IS APPROVED FOR FAA-AME PERIODIC TRAINING. CME HAS BEEN APPLIED FOR.

OBITUARY—THOMAS M. McNISH, MD, MPH, COL (Ret) USAF

Dr. Tom McNish, 2021 CAMA Forrest & Pamela Bird Award Honoree, passed away July 19, 2024.

Reprinted from Bryant-Grant Funeral Home, Franklin, NC



Tom McNish, MD, COL (ret) USAF, passed away at home July 19, surrounded by his loving family, after a brief and complicated illness. He was born in Madison, TN, in 1942 to Mary Elenora and Edgar McNish and was a 1964 graduate of the USAF Academy.

Tom was a Vietnam War Veteran who flew 45 combat missions in the F-105. Shot down in 1966, he was captured and spent 2,373 days as a POW in North Vietnam. While a prisoner, he decided to study medicine when he returned home. Upon his release in 1973, he attended Emory University School of Medicine, graduating in 1978, and completed residencies in both Family Practice and Aerospace Medicine.

Dr. McNish spent the remainder of his distinguished military career as one of a select few Pilot Physicians (practicing flight surgeons and combat ready fighter pilots) in the Air Force, flying T-38s and A-10s. Advancing to the rank of Colonel, he served as Hospital Commander at Myrtle Beach AFB and Holloman AFB. He proudly led the mission to Iraq at the end of Desert Storm in 1991 to medically evaluate and repatriate our returning POWs. Col. McNish ended his military career as Command Flight Surgeon for the AF Reserve in the Surgeon General's office at the Pentagon.

After his 30-year AF career, he joined Biodynamic Research Corporation (BRC) in San Antonio, TX, as a Consultant and Partner where he utilized his vast engineering and medical background. While at BRC he worked on many high-profile accident investigations including the Space Shuttle Columbia disaster, the September 11th crash of Flight 93 in Pennsylvania, and the Daytona 500 crash that took the life of Dale Earnhardt.

Those who knew him will remember his wit, patience, diplomacy, judgment, character and his careful analysis and synthesis of any problem. His dedication to duty was legendary and he never failed to make any situation he was involved in better after his contribution. He was a wise and gentle man and a consensus builder. Tom was a wonderful combination of warrior and diplomat who loved his country unconditionally.

Col. McNish was awarded three silver stars, the Legion of Merit, three Bronze stars with the "V" device, two Purple Hearts, five Air Medals, and the Air Force Commendation Medal.

Tom loved his family more than anything and is survived by his cherished wife Yona, their three children, Lori (Wes), Amy (Tim) and Tommy (Jessi), nine grandchildren and seven great-grandchildren.

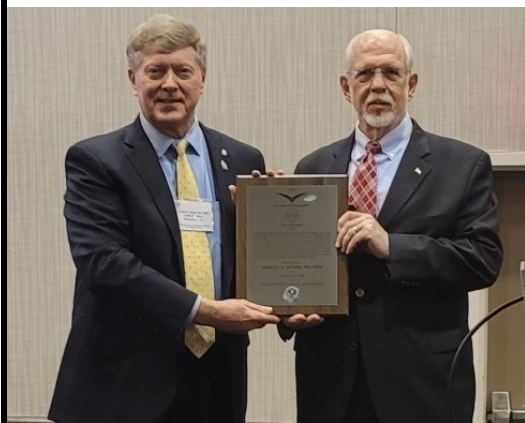
Burial services will take place at his childhood home in North Carolina. A celebration of life will be held in San Antonio at a yet-to-be-determined date.

In lieu of flowers, the family requests tributes be made in the form of contributions to the Mary E. McNish Rheumatoid Arthritis Research Fund at Emory University. Donations can be made out to Emory University with "Mary McNish Rheumatoid Arthritis Research Fund" in the memo and mailed to: Office of Gift Accounting, Emory University, 1762 Clifton Road, Suite 2400, Atlanta, GA 30322 or visit <https://together.emory.edu/McNish> to make an online donation.

Online condolences can be left at : www.bryantgrantfuneralhome@gmail.com

Bryant-Grant Funeral Home & Crematory is honored to serve the McNish family.

Two memories from the CAMA Annual Scientific Meeting in San Antonio, Texas, September 2021:



LEFT: CAMA President, Dr. Gary Saboe, presenting the Bird Award to Dr. Tom McNish, Annual Meeting September, 2021, San Antonio, Texas.

RIGHT: Doctors David Schall, Tom McNish, and Story Musgrave September 2021, San Antonio, Texas



EDUCATIONAL OPPORTUNITIES

Online Training, Refresher, and Resources for Continuing Medical Education (CME) Credit

Ronan Murphy, MBChB, the CAMA Vice President of Education, has indicated that there are still resources online for those AMEs who need training and/or CME credits. Please see the information and links listed below.

If you are interested in becoming an AME, please contact the [FAA Regional Office](#) responsible for your locality. AME seminar attendance requires advance approval of the [AAM-400 Education Division](#).

Available resources from FAA 400 Education Division:

1. FAA AME refresher courses may be moved to a Zoom format if necessitated by COVID-20 restrictions. Click the link below to access the course schedules 2022:

https://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/

- Attendance requires approval in advance. Contact your Regional Flight Surgeon for approval, and the RFS staff will check availability for the course of your choice.
- Registration opens three months prior to the start date of the seminar.
- Participants must have an FAA Designee Registration System account (DRS) to sign up for the AME Refresher course
- If you do not have an account on DRS and wish to have one, click the following link for instructions:

https://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/media/drs.pdf

2. To locate other online courses that offer CME, click the following link:

https://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/amettraining/

- Clinical Aerospace Physiology Review for Aviation Medical Examiners (CAPAME) – 6 hours American Association of Family Practitioners (AAFP) CME credit available
- Multimedia Aviation Medical Examiner Refresher Course (MAMERC) 3.0 - 6 hours AAFP CME credit available

Aviation Medical Examiner (AME) Designee Information

An Aviation Medical Examiner (AME) serves the Federal Aviation Administration (FAA) and the flying community by medically certifying pilots. Each pilot is required to meet specific medical standards depending on the class of medical certificate for which the pilot applies. The FAA Regional Flight Surgeon (RFS) in your area is responsible for determining the current need for AMEs in their region.

If you are appointed by the RFS to become an AME, you are required to attend a week-long training seminar, typically conducted four times each year in Oklahoma City, Oklahoma. This seminar is also known as the Basic AME Seminar.

After successfully completing the Basic AME seminar, subsequent training is required at three-year intervals. This training is available via our [AME Seminars](#) held at various locations in the United States. Some AME training can be completed on-line. Our AME training is accredited by the Accreditation Council for Continuing Medical Education and does meet your Continuing Medical Education (CME) requirements.

FEDERAL AIR SURGEON'S PILOT MINUTE VIDEO FILES
(To activate each link, use "control" and "mouse click" at the same time)

[Pilot Minute: Can I get my medical approved if I used to be on medication for ADHD?](#)

[Pilot Minute: Can I take a weight loss drug and still fly?](#)

[Pilot Minute: What are some aviation specific reasons to stay fit?](#)

[Pilot Minute: What happens to my ability to control an aircraft if I'm too cold?](#)

[Pilot Minute: If I'm on BasicMed, would I ever have to come back through the FAA again?](#)

[Pilot Minute: What happens when I get diagnosed with prostate cancer?](#)

[Pilot Minute: What happens if I get a DUI?](#)

[Pilot Minute: Do I have to report all skin cancers?](#)

[Pilot Minute: How can I get my medical certification if I have high blood pressure?](#)

[Pilot Minute: Is there a better way to get medical documents to the FAA?](#)

[Pilot Minute: How can I survive a crash in the desert?](#)

[Pilot Minute: What are some important safety considerations regarding sunglasses?](#)

[Pilot Minute: What is a verbal authorization and how does it work?](#)

[Pilot Minute: Why is it important to report disability benefits in MedXPress?](#)

[Pilot Minute: What is jet lag and how can I prevent it?](#)

[Pilot Minute: How is the FAA approaching new treatments for cancer?](#)

[Pilot Minute: How do we encourage the brightest minds into aviation?](#)

[Pilot Minute: How do I check my application status in MedXPress?](#)

[Pilot Minute: Is it okay to fly if I'm just a little tired?](#)

[Pilot Minute: What should I do if I have depression or anxiety?](#)

[Pilot Minute: Why is it important to assess my health before piloting an aircraft?](#)

[Pilot Minute: Why is it important to do a PRICE check before and during a flight?](#)

[Pilot Minute: Why is it important to be careful with over-the-counter cold and sleep medications?](#)

[Pilot Minute: Why is acceleration tolerance important for general aviation?](#)

[Pilot Minute: What are the most essential items for a good survival kit?](#)

[Pilot Minute: What's going on with the Aeromedical Summit?](#)

[Pilot Minute: What are some tips for speeding up my medical certification?](#)



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NEEDS A SOLID
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Amplify your power to fly. Join AOPA today.
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AVIATION MEDICAL EXAMINER (AME) SEMINAR SCHEDULE

For full information, visit the FAA web site at: https://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/seminar_schedule/

DATE OF SEMINAR	SEMINAR LOCATION	SEMINAR TYPE
August 9-11, 2024	VIRTUAL	Refresher
September 19-21, 2024	Jacksonville, FL/CAMA	Refresher
October 21-15, 2024	Oklahoma City, OK	Basic
November 22-24, 2024	San Antonio, TX (Pending)	Refresher

The FAA recommends that you make sure all travel and lodging reservations are refundable. While scheduled to proceed as in-person seminars, one or more of these sessions may be rescheduled as a virtual seminar with little notice. These seminars will open for registration when the contract is approved and hotel room block information is received. The CAMA seminar registration will open in May 2024.

Register for a Refresher Seminar

Registration opens **three months** prior to the start date of the seminar. To register for a refresher seminar, you will need an account to access the Designee Registration System (DRS). Please review the instructions (PDF) on the FAA web site for creating a DRS account. Registration is open to the FAA Aviation Medical Examiner (AME)

If you are interested in becoming an AME, please contact the FAA Regional Office responsible for your locality. AME seminar attendance requires advance approval of the AAM-400 Education Division.

Accreditation Statement

The Civil Aerospace Medical Institute is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Seminar Types

Basic

A 4 1/2 day AME seminar focused on preparing physicians to be designated as Aviation Medical Examiners. Contact your Regional Flight Physician

Refresher

A 2 1/2 day AME refresher seminar consisting of 12 hours of AME specific subjects. You must use the Designee Registration System (DRS) to register for a seminar.

Aerospace Medical Association (AsMA)

A 3 1/2 day AME seminar held in conjunction with the Aerospace Medical Association (AsMA). Registration must be made through AsMA. Call 703-739-2240, extension 106/107. A registration fee is charged by AsMA to cover their overhead costs. Registrants have full access to the AsMA meeting.

Civil Aviation Medical Association (CAMA)

Sanctioned by the FAA, this seminar is sponsored by the Civil Aviation Medical Association (CAMA) and does fulfill the FAA recertification training requirements. Registration may be completed through the CAMA website Annual Meeting page (www.civilavmed.org) or by calling CAMA at 770-487-0100.

AME MINUTE ISSUE GUIDE

The FAA issues monthly reminders/updates for Aviation Medical Examiners in the form of a brief audio file with information on an important subject. Following is a summary of the most recent AME Minute issuances, in case you might have missed one. AME Minute items may be accessed from the FAA archive at: https://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/ame/videos/

[AME Minute: Why did the FAA update the technical requirement for ECGs?](#)
[AME Minute: Why is it important to correctly assign time limitations on a certificate?](#)
[AME Minute: Why is it important to review a pilot's past medical history?](#)
[AME Minute: Why did the FAA allow AMEs to issue pilots with BPPV?](#)
[AME Minute: Why did FAA establish rules for some diabetic medications for weight loss?](#)
[AME Minute: Why is a pilot's age relevant to a CACI issuance for glaucoma?](#)
[AME Minute: Why does the FAA have two tracks for ADHD?](#)
[AME Minute: Why should I warn my pilots about kava and kratom?](#)
[AME Minute: Why is it important to provide details in Item 60?](#)
[AME Minute: Why did the FAA add a CACI for essential tremor?](#)
[AME Minute: Why did the FAA add another medication for psychiatric conditions?](#)
[AME Minute: Why are categories required for documents when uploading in AMCS?](#)
[AME Minute: Why should I warn my pilots about kava and kratom?](#)
[AME Minute: Why did the FAA add a CACI for essential tremor?](#)
[AME Minute: Why are categories required for documents when uploading in AMCS?](#)
[AME Minute: Why do different categories of anticoagulants have different wait times?](#)
[AME Minute: Why does the FAA now allow AASI recertification for pilots with a history of CHD?](#)
[AME Minute: Why would a pilot need an interim medical certificate?](#)
[AME Minute: Why are categories required for documents when uploading in AMCS?](#)
[AME Minute: Why do I need to confirm a pilot's name matches official identification?](#)
[AME Minute: Why did the FAA change vision limitations?](#)
[AME Minute: Why are commercial balloon pilots asking for exams?](#)
[AME Minute: Why do CACIs require specific verbiage?](#)
[AME Minute: Why does the FAA list some medications as conditionally acceptable?](#)
[AME Minute: Why did the FAA revise the GO AME website?](#)
[AME Minute: Medical Certification Updates for the AME – September 2017](#)
[AME Minute: 10 Color Vision Testing](#)
[AME Minute: Why should AMEs review visits to health professionals?](#)
[AME Minute: Why would a pilot need a verbal authorization?](#)
[AME Minute: Why did I receive a letter about a vision restriction?](#)
[AME Minute: Why does the FAA disallow AMEs from using PRNC?](#)
[AME Minute: Why does the FAA allow recertification of pilots with CHD?](#)
[AME Minute: Why do different anticoagulants have different wait times?](#)
[AME Minute: Why did the FAA introduce a policy on the TAVR procedure?](#)
[AME Minute: Why is the FAA concerned about left atrial appendage closure?](#)
[AME Minute: Why are there new requirements for AFIB or A-Flutter?](#)
[AME Minute: Why can breast cancer be issued by an AME?](#)
[AME Minute: Why do AMEs need to update their profile in DMS annually?](#)
[AME Minute: Why did the FAA issue new guidance regarding pancreatitis?](#)
[AME Minute: Why is the FAA concerned about Over the Counter Sleep Aids?](#)
[AME Minute: Why does the monitoring protocol for ITDM require so many reports?](#)
[AME Minute: Why is the FAA now certifying pilots who are on insulin?](#)
[AME Minute: Why did the FAA add an upload feature to AMCS?](#)
[AME Minute: Why do pilots need to be concerned about CBD products?](#)
[AME Minute: Why do AMEs need to worry about Subpoenas? Part 2](#)
[AME Minute: Why do AMEs need to worry about Subpoenas?](#)
[AME Minute: Why is Unexplained Syncope Aeromedically Significant?](#)
[AME Minute: Why is an evaluation required post myocardial infarction?](#)
[AME Minute: Why is Chronic Immune Thrombocytopenia a CACI?](#)
[AME Minute: Why was the CACI program developed?](#)
[AME Minute: Why is an Incomplete Right Bundle Branch Block considered a normal variant?](#)
[AME Minute: When is a Special Issuance required under BasicMed?](#)
[AME Minute: What Makes Aerospace Medicine Unique?](#)
[AME Minute: Near and Intermediate Vision Testing](#)
[AME Minute: New Oral Anticoagulants in the DVT Protocol](#)
[AME Minute: Identification of ECG Normal Variants Reduces Delays - Part 5](#)
[AME Minute: Double Vision and Heterophoria Testing](#)
[AME Minute: Aeromedical Implications of Disability Benefits Reported by Pilots](#)
[AME Minute: Identification of ECG Normal Variants Reduces Delays - Part 4](#)

Civil Aviation Medical Association

Sustaining, Corporate, and Life Members

The financial resources of individual member dues alone cannot sustain the Association's pursuit of its broad goals and objectives. Its fifty-plus-year history is documented by innumerable contributions toward aviation health and safety that have become a daily expectation by airline passengers worldwide. Support from private and commercial sources is essential for CAMA to provide one of its most important functions: that of education. The following support CAMA through corporate and sustaining memberships, and we recognize the support of our lifetime members:

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320 South Henry Street
Alexandria, VA 22314-3579
www.asma.org

Aerospace Medicine Strategic Consultation
(AsMSC), PLLC
1804 Kinsale Drive
Keller, TX 76262
aerospacemedicinestrategiccons.godaddysites.com/

Aircraft Owners & Pilots Association (AOPA)
421 Aviation Way
Frederick, MD 21701
www.aopa.org

AirDocs Aeromedical Support Services
Gregory Pinnell, MD
MBS International Airport
8430 Garfield Road
Freeland, MI 48623
www.airdocs.net

Air Line Pilots Association, International
John Taylor, National Pilot Assistance Chair
7950 Jones Branch Drive, Suite 400 S
McLean, VA 22102
www.alpa.org

Allied Pilots Association
14600 Trinity Boulevard, Suite 500
Fort Worth, TX 76155
www.alliedpilots.org

Aviation Medicine Advisory Service
15530 E. Broncos Parkway, Suite 350
Centennial, CO 80112
www.aviationmedicine.com

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8411 Pyott Road, Suite 100
Lake in the Hills, IL 60156
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54714 Kearny Villa Road, Suite 200
San Diego, CA 92123
www.betternight.com

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P. O. Box 20787
Atlanta, GA 30320-9990
www.harveywatt.com

The Ison Law Firm
Anthony Ison, Esq.
P. O. Box 6342
Lakeland, FL 33807
www.thepilotlawyer.com

MedAire, Inc.
4722 N. 24th Street, Suite 450
Phoenix, AZ 85016
www.medaire.com

Neurocognitive Specialty Group
112 Magnolia Estates Drive
League City, TX 77573
www.neurocognitivespecialtygroup.com

Pilot Medical Solutions, Inc.
David Hale, CEO
7220 NW 63rd Street
Bethany, OK 73008
www.leftseat.com

Waggoner Diagnostics
16050 Quill Point Dr.
Rogers, AR 72756
(949) 396-1694
www.waggonerdiagnostics.com

Wingman Med, LLC
225 N. Pace Boulevard, Suite 410
Pensacola, FL 32505
PilotDoctors.com (Find an AME)
www.wingmanmed.com

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 2344 Longridge Drive SW
 Calgary, Alberta, Canada T3E 5N8
 Senior AME, AsMA
 Specialty: Family Medicine/Aviation Medicine

Gayl Angela Masson, PhD
 38 Arenta Street
 Saint Augustine, FL 32084
 Pilot, EAA, AsMA
 Specialty: Flight Physiology

Andris Golde, MD
 960 Johnson Ferry Road, Suite 200
 Atlanta, GA 30342
 AME, Pilot, EAA
 Specialty: Otolaryngology/Head and Neck Surgery



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Please complete and return with your payment.

NOTE: Membership is from January 1st through December 31st of each year

Membership dues..... \$ 250.00 U.S. Dollars

Sustaining Membership dues (optional)..... \$ 500.00 U.S. Dollars

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Return form to: CAMA
P. O. Box 823177
Dallas, TX 75382
FAX: 770-487-0080
Telephone: 770-487-0100
email: civilavmed@aol.com

NOTE: YOU MAY ALSO INITIATE OR RENEW YOUR CAMA MEMBERSHIP ON OUR WEBSITE AT WWW.CIVILAVMED.ORG ON THE "MEMBERS' LOUNGE" PAGE USING OUR SECURE PAY APPLICATION.



CAMA STUDENT & TRAINEE MEMBERSHIP FORM AND ANNUAL SCIENTIFIC MEETING AUDIT REQUEST



*MEMBER NAME & TITLE(S):	
*MEMBER STREET ADDRESS:	
*MEMBER STREET ADDRESS:	
*MEMBER CITY/STATE/ZIP/COUNTRY:	
WHAT IS YOUR FIELD OF STUDY?	
WHAT IS YOUR SPECIALTY OR ANTICIPATED SPECIALTY?	
WHERE ARE YOU CURRENTLY A STUDENT, INTERN, OR RESIDENT? ON FELLOWSHIP?	
WHEN DO YOU EXPECT TO GRADUATE?	
WHAT DEGREE(S) DO YOU CURRENTLY HOLD?	
WHAT DEGREE(S) DO YOU ANTICIPATE UPON GRADUATION OR COMPLETION OF STUDIES?	

Permission to add name and address to the CAMA Web Site in the Members Only Section?	YES		NO	
--	-----	--	----	--

IF YOU PLAN TO AUDIT PRESENTATIONS DURING THE CAMA ANNUAL SCIENTIFIC MEETING, PLEASE ANNOTATE WHICH DAYS OR EVENTS YOU PLAN TO ATTEND SO THAT ID CREDENTIALS CAN BE PREPARED FOR YOU:	
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NOTE: CAMA does offer discounted student registrations for our Annual Scientific Meetings, and Students may audit the educational sessions at no charge (no meals or CME included without prior payment). We do request advance notice for planning and space arrangement purposes.

PLEASE RETURN FORM TO: CIVIL AVIATION MEDICAL ASSOCIATION (CAMA)
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 DALLAS, TX 75382
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Please complete and return with your payment.

NOTE: Membership is from January 1st through December 31st.

Corporate Membership dues..... \$ 550.00 U.S. Dollars.

CAMA accepts MasterCard, VISA, Discover, American Express, and checks only.

NOTE: You may pay corporate dues online on the "Members Lounge" page of the CAMA web site at www.civilavmed.org using our secure payment application.

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