

# JOIN RTCA

Help Shape the Skies of Tomorrow



**RTCA**

THE GOLD STANDARD FOR AVIATION SINCE 1935

# Forging a single voice from many, RTCA is helping shape the skies of tomorrow

At RTCA, we are passionate about ensuring the health of the air transportation system. We are equally passionate about ensuring all voices are heard.



Chartered by the FAA to operate federal advisory committees, RTCA employs a consensus-driven process to generate minimum performance standards for CNS/ATM systems and equipment; to forge recommendations on key aviation policies; and identifying and developing mitigation on issues affecting air traffic management operations. Our performance standards form the basis for FAA regulatory requirements; our policy advice informs the FAA's prioritization and investment decisions, and our tactical advice helps resolve real-world impediments to air transportation today.

Founded in 1935 as a unique collaboration of aviation system users, providers and regulators, RTCA's recommendations have achieved worldwide acceptance and continue to help shape and harmonize the future of aviation.



RTCA's advice represents the consensus of thousands of experts from all corners of the vast and diverse aviation industry, functioning in an open, collaborative, consensus-driven environment. Dedicated volunteers log thousands of hours annually participating in an active network of advisory committees organized and managed by RTCA. This unique

public-private partnership provides an effective venue for all interested parties to be heard and to work constructively toward solutions to some of the toughest challenges to air transportation system modernization. Committees are established and tasked by RTCA in response to requests from the FAA.

RTCA is a DC-based private, not-for-profit association. Our 500 member organizations employ tens of thousands of people worldwide working in the aviation business.





*"The heart and soul of RTCA is its dedicated members and volunteers. Their hard work and drive for results, playing out almost daily at RTCA, is helping shape the future global air transportation system."*

—Margaret Jenny, President, RTCA

A stylized world map in shades of blue, overlaid with a network of white dashed lines and glowing circular nodes representing global flight paths and air traffic control points.

## What makes RTCA unique?

RTCA's unique nature derives from the institutional mechanisms we employ to accomplish our mission:

- RTCA drives the evolution of the air transportation system by convening interested stakeholders to respond to requests from the government for consensus advice on policy, operational and investment decisions, and the associated performance metrics critical to maintaining a safe, secure and efficient air transportation system.
- RTCA products support the continuing evolution of the US ATC system, an essential service to both government and industry.
- Our products are recommendations developed by aviation community volunteers working in a collaborative, consensus-driven environment.
- As a federal advisory committee, we can convene committees of private sector participants in a manner consistent with US anti-trust laws.
- RTCA's performance standards serve as a basis for certification and help expand the competitive marketplace of aircraft equipment and avionics.
- RTCA produces comprehensive products leading to measurable outcomes.
  - Minimum Performance Standards for aircraft equipage.
  - Industry consensus policy recommendations to government.
  - Training courses for technical standards.

# RTCA is people coming together

RTCA brings people together to find solutions to the complex challenges facing the aviation industry. The solutions take the form of advice on policies, tactical operational enhancements, and technical performance standards. Since the advice is routinely adopted by the FAA, the volunteers who devote time and energy to our committees see their efforts pay off in a safer, more efficient, more environmentally friendly air transportation system.

RTCA administers the following federal advisory committees:

## NextGen Advisory Committee (NAC)

- Executives from all facets of the aviation community provide the FAA with recommendations related to NextGen implementation.

## Program Management Committee (PMC)

- Senior technical aviation leaders establish special committees and oversee, integrate and coordinate across committees. They also provide review and product approval of standards for transmittal to the FAA.

## Special Committees (SCs)

- Nearly twenty separate committees, staffed by subject matter experts are involved in developing performance standards, guidance documents and reports.
- Current SCs are producing standards for aircraft communications, navigation and surveillance equipment; safety and technical aircraft components; UAS systems; and other critical areas that drive future regulatory requirements.

## Tactical Operations Committee (TOC)

- Operational experts develop recommendations to identify and resolve near-term, tactical issues affecting the efficiency of the National Airspace System.





## **RTCA Membership: Add Your Voice on the Issues**

As a member of RTCA, your organization actively engages with the aviation industry and government professionals who are building consensus on the vital issues facing our industry and shaping the future of aviation. That consensus forms the recommendations for policies and procedural and equipment standards that will affect the way you do business tomorrow.

## **PARTICIPATE TODAY!**

To participate in one of RTCA's Special Committees, simply complete the workspace application on our Website [www.rtca.org](http://www.rtca.org) or e-mail [info@rtca.org](mailto:info@rtca.org)



# More member benefits await you

- Full participation on RTCA Committees.
- Recognition as an organization committed to the consensus technical and policy recommendation process.
- Unlimited access to over 300 electronic documents at no cost and 60% discount on hard copies.
- Advance information regarding new RTCA documents and task forces.
- Discounts to attend or exhibit at the RTCA Annual Symposium, plus discounts to attend forum events and RTCA training courses.
- A subscription to *RTCA Digest*, keeping you informed about RTCA's vast efforts to shape the future of CNS/ATM (also available online).
- Member-only access to the *RTCA Membership Directory Online*, connecting you with your aviation colleagues within 500 member organizations.



## Join RTCA today

By adding their own voices to RTCA's consensus-building efforts, member organizations have discovered they can help shape the skies of tomorrow.

To join, visit our Website [www.rtca.org](http://www.rtca.org),  
or e-mail [membership@rtca.org](mailto:membership@rtca.org).



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