

NAAA

**The Voice of the Aerial Application
Industry**



About NAAA



The National Agricultural Aviation Association (NAAA) works to support the agricultural aviation industry through:



Educational
Services



Public
Outreach



Government
Relations



Networking



Industry
Affairs

About NAAA

NAAA represents the interests of small business owners and pilots licensed as commercial applicators that use aircraft to enhance food, fiber and bio-fuel production, protect forestry and control health-threatening pests



About NAAA

NAAA promotes the benefits of aerial application to the public and provides programs and services to ensure the continued success of the industry.



About NAAA

NAAA works closely with several government agencies to stop unnecessary and overly burdensome regulations



About NAAA

NAAA now represents approximately 1,900 members in 47 states



About NAAA

NAAA promotes the benefits of aerial application to the public by:

- Participating at events like EAA's AirVenture
- Advertising in trade publications like Farm Journal and CropLife
- Creating customizable press releases for members



NAAA History



2016

Celebrating 50 years!

NAAA Kicked off it's 50th
Anniversary Celebration at
the Ag Aviation Expo in Long
Beach, Calif.

1966

NAAA Founded

During a meeting of NAAA's
charter members in Las Vegas.
Dick Reade was the association's
first President.



Helping Your Bottom Line



NAAA achieves cost savings that improve your bottom line, such as more than \$20 million in annual federal fuel tax relief, and NAAA has prevented costly user fees.

Helping Your Bottom Line

NAAA has successfully procured more than \$8.9 million in federal research funds for the development and testing of new aerial application technologies designed to mitigate drift and make applications more efficient and cost-effective.

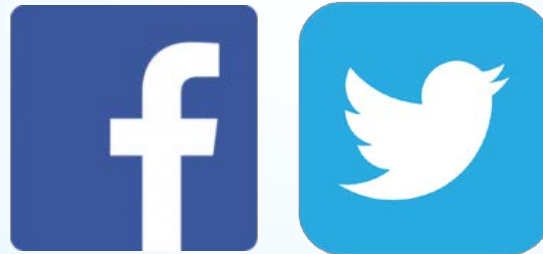


Exclusive Tools for Members



Publications

You receive up-to-date information via social media and various publications, such as the quarterly *Agricultural Aviation* magazine and the weekly NAAA eNewsletter, which includes breaking news alerts about the industry



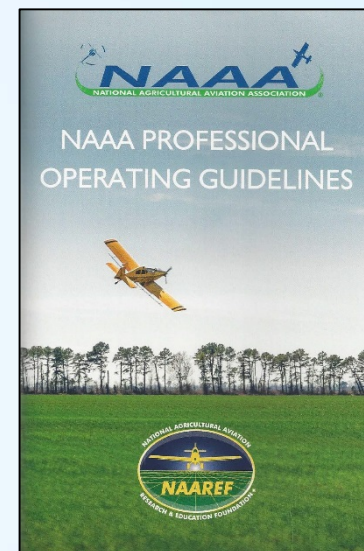
Publications

Members also receive NAAA Media Relations Kit and the highly sought-after NAAA Membership Directory



Safety and Compliance Tools

- NAAA and NAAAREF's Professional Operating Guidelines
- NAAAREF's Fly Safe Campaign Messages
- NPDES PGP Compliance Tools:
- Safety videos, such as “Turn Smart” and “First Response: Responding to a Pesticide-Related Aircraft Accident”
- Checklists for incidents aimed at aircraft
- Fatigue Brochures



Public Outreach Tools

NAAA offers a variety of public outreach resources to help aerial applicators accurately and eloquently explain what we do as an industry and why it's important. These tools include:

- Aerial Application 101 PowerPoint Presentation
- Aerial Application's Growing Role DVD
- Flying for Your Food Brochure
- Curriculum guides



Public Outreach Tools

Tools to help you talk to your customers about the things that affect our industry

- NAAA Wind Tower Safety Campaign
- UAV Safety Campaign



UAVS CAN BE HAZARDOUS TO LOW-FLYING PILOTS

Don't Bet the Farm by Putting UAV Operations Above Pilot Safety.

Small UAVs can be virtually invisible—and potentially lethal—to agricultural pilots, emergency medical helicopters, law enforcement and other low-flying aircraft operating in the same airspace. Birds smaller than many UAVs have collided with aircraft, blowing through cockpit windows, disabling engines and killing pilots in the process.

Here's what you can do as a safe and responsible UAV operator:

- Get certified and well-trained in operating a UAV
- Equip UAVs with strobe lights and tracking technology, like an ADS-B Out system
- Follow the law—always give the right-of-way to the manned aircraft
- Coordinate with local aircraft operators about your UAV operations
- Carry sufficient UAV liability insurance

A UAV collision could have far-reaching consequences. An ag pilot's fatal collision with an unmarked meteorological tower resulted in millions of dollars in liability for the farmer, landowner and tower manufacturer. UAV operators could be similarly culpable for a midair collision.

Fly with care. Don't put your livelihood and pilots' lives at risk.



A message brought to you by your local aerial applicator and

Learn more at AgAviation.org/uavsafety | Knowbeforeyoufly.org | Thinkbeforeyoulaunch.com

Find The Tower Among The Wind Turbines.

It's Like a Needle in A Haystack, But Hurts A Lot Worse.

While low-flying aircraft can't avoid what they can't see, unmarked meteorological testing towers for wind power development are a deadly hazard for agricultural pilots, emergency medical helicopters, aerial firefighters and other low-flying aircraft.

These tiny, portable towers can pop up without warning, are unlit on aerial maps, and are nearly invisible to pilots. Being just shy of 200 feet, these towers avoid FAA tower marking regulations in most cases.

Let's fix this flaw before it becomes a fatal one. Responsible wind power development should include towers that are properly sized, marked and lit.

Let's Be Fair About Sharing The Air
Learn more at www.agaviation.org/towers.htm

A MESSAGE BROUGHT TO YOU BY

AgAviation.org

Login to AgAviation.org to unlock exclusive members-only resources and to update information such as:

- Update Contact Information
- Add photo/company logo
- Choose the information that appears in your online directory listing
- View and print receipts of past transactions
- Job Listing Board



Ag Aviation Expo

NAAA brings you the world's largest aerial application convention!

- Educational sessions for pilots and operators
- Unlimited networking opportunities
- Earn potential CEU's at the NAAA Convention
- Discounts on registration for members



Industry Awards

NAAA recognizes the outstanding achievements of individual members at the Excellence in Ag Aviation Banquet during the week of the Ag Aviation Expo



NAAA's Programs and Services



NAAA's Education Program



- ✓ The program provides pilots continuing education about safety, security and drift mitigation
- ✓ PAASS program receives EPA support and reaches approximately 2,000 aerial applicators annually
- ✓ Since 1998 when PAASS first hit the stage, aerial drift incidents have decreased 26%; ag aviation accidents have decreased 20.63% per 100,000 hours flown.

NAAA's Operation S.A.F.E. Program

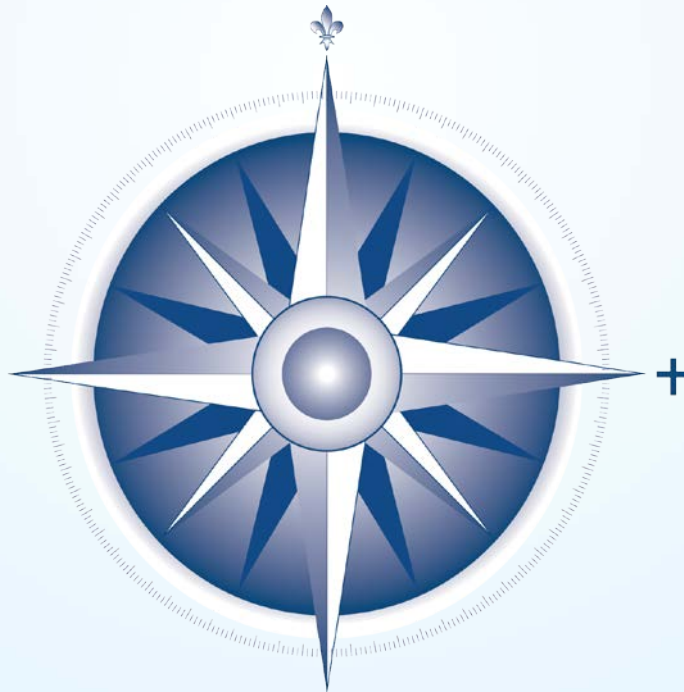
Self-regulating Application & Flight Efficiency

The Operation S.A.F.E. program enables aerial applicators to attend fly-in clinics and have their aircraft professionally analyzed for spray pattern uniformity and droplet size. This minimizes drift and maximizes the efficacy of the application.



Compass Rose

PAASS's *Compass* Rose Program is designed to provide professional support and direction for agricultural aviation pilots who want to learn more about the industry



Education and Training

The NAAA/Syngenta Leadership Training Program's goal is to develop strong, knowledgeable leadership in the agricultural aviation industry.



Education and Training

These programs from NAAA & NAAREF:

- Improve safety numbers
- Enhance professionalism
- Increase business efficiency
- Reduce insurance costs
- Increase the ease of license renewal for aerial applicators
- Ensure the safe integration of unmanned aerial vehicles (UAVs) into the national airspace while proactively safeguarding low-level aviation.
- Mitigate government regulation to the industry



NAAA's Priorities



Priorities

Registration of Crop Protection Tools for Ag Aviation

For years NAAA has worked to:

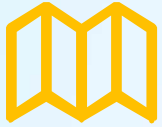
- Collect data
- Ensure the evolution of application technology
- Educate ag aviators to ensure that the judicious application of crop protection products by air is environmentally safe



These NAAA efforts have successfully resulted in EPA (re)registering these products for aerial use.

Priorities

Taxes and User Fees



The majority of ag aircraft do not use public airports and rarely show up on the nation's air traffic control system



As such, NAAA has successfully urged multiple presidential administrations and the U.S. Congress to exempt ag aviation from user fees and to preserve the federal excise tax policy affecting fuel used for ag aviation purposes.



This has resulted in the industry avoiding millions of dollars in costs each year.

Priorities

Fund Aerial Application Technology Research



Federal funding for aerial application improves the precision and efficacy of aerial application and shows the federal government recognize that aerial application is critical to ag production



USDA economists have found that every dollar invested in ag research has a \$20 return to the economy



Priorities



Obstacles – UAVs

Protecting ag aircraft from UAVs by advocating they be equipped with safety enhancing equipment such as lighting, tracking and ID technology.

NAAA serves on the FAA's Drone Advisory Committee's Subcommittee, the FAA's UAS Safety Team and the FAA's UAS ID and Tracking Aviation Rulemaking Committee



Priorities



Obstacles – Towers & Wind Turbines

Ensuring the safety of low-flying aircraft by preserving and implementing the marking requirements for communication towers under 200 feet.

Priorities

NPDES Permits



NAAA is lobbying Congress to exempt duplicative, unnecessary and burdensome NPDES permits for pesticide applications; current federal law (FIFRA) already regulates the safety of pesticide to water

www.agaviation.org/content/details-epas-npdes-pesticide-general-permit

Priorities

NAAA works on recruiting the next generation of ag pilots by attending events like EAA's AirVenture and provides robust career resources for individuals interested in the industry.



- “Every man owes a part of his time and money to the business or industry in which he is engaged. No man has moral right to withhold his support from an organization that is striving to improve conditions within his sphere.”
- –Theodore Roosevelt, 1908

Join Today

Join NAAA in under 5 minutes!

- Join online at www.agaviation.org
- Print and fax a copy of the Membership Application
- Call the office at (202) 546-5722





Voice of the Aerial Application Industry

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