Smoke Signals

Calendar

Upcoming Events Events

Jan 15th 2020	Lecture Series - Flaps
Feb 6th 2020	Show and Tell
Feb 20th 2020	Lecture Series – Electric Power Systems
March 5th 2020	Show and Tell
March 19th 2020	Club Auction
April 16th 2020	Lecture Series – Crosswind Takeoffs

Birthdays

Mike Elbers
Jerry Liebman
Joseph Mac Dougall
John Raparelli

Presidents Message

-Tony Pollio

I would like to wish all Meroke members and their families a Happy and Healthy New Year.

In the year ahead we'll concentrate more on topics regarding building, assembly, and flying our model planes and less on administrative topics.

We'll have relevant lectures on all open second meetings of each month. On January 16th we'll talk about "Flaps", on February 20th we'll cover "Electric Plane Power Systems", on March 19th we'll hold our Club Auction, and on April 16th we'll have a lecture about "Crosswind Takeoff and Landing Procedures". Also, on the first meeting of each month, every member is encouraged to bring in their new planes or related projects to share the pros and cons with your fellow club members who can benefit from your experiences.

Finally, I'll leave you with a flying tip for January: When attempting new flying maneuvers or aerobatics, keep your plane at least two mistakes high because, if you encounter a problem or loose orientation, the air above your plane is useless.

Tony Pollio

FAA Proposal 2020 – Remote ID
-Pete Finocchio – Editors Rant

I hope everyone had a great holiday and New Year. While everyone was enjoying themselves, the FAA was hard at work putting together their latest requirements proposal for UAS remote ID, published on December 31st.

For anyone interested if you have not already read the proposal and have a few days to spend reading it, you can read the 215 page 87000+ word proposal for yourself at this government site.

[REMOTE ID PROPOSAL](#)

While I understand the need for commercial and utility applications should be required to have remote identification, I think the FAA is in panic mode to rush out compliance in 3 years to regulate and track everything that can be used for malicious activities. They are even working out a new marketplace (no surprise there) and business model to charge fees to use the connected networks to send the data. This is like paying your internet provider to use the network. Words of the day,

"The Unmanned Aircraft Systems (**UAS**) Traffic Management (UTM) **Service Supplier** (**USS**) Framework for Authentication and Authorization (UFAA) is the basis for secure and confident data exchanges between the Flight Information Management System (FIMS) and the **USS** Network and within the **USS** Network …"

I really am struggling with the fact that the FAA thinks they should extend this proposed rule to AMA members and AMA sanctioned clubs. As I write this all I can think of is how much extra cost as well as privacy issues there would be to implement this, for pilots and equipment makers. In a time when businesses are struggling with the survival of certain consumer hobby interests and the costs associated with it, do we really need another level of complexity and cost dumped on a hobbyist? Law abiding AMA registered members have already registered their line of site aircraft with the FAA and do not pose a national security risk to anyone.

Working in the IT industry my entire career I know the complexities of many aspects of computing and networking. I fly because sometimes I like to escape all of that. I don't take my laptop to the beach. I don't want to mess with a phone app that sometimes works and wait for clearance just to have a few minutes of fun. These days there is very little escaping from technology, following you wherever you turn. Just ask the college student using the school wifi and being tracked and recorded 6000 data points every day on their where a bouts and activities*. At least they have the option to opt out and not use the schools wifi.

I really didn't want to start the year off with such a dismal subject but there is a small window to voice your comments on this subject to the FAA. The FAA is accepting comments on the remote ID proposal until March 2, 2020. You can submit your comments to the official Federal government site. You can also look at the form letter written by the AMA. It alone has a lot of information in it.

[AMA FORM LETTER](#)   [SEND COMMENTS](#)

There are so many details to work out. This is the very minimal view of 3 proposed options for compliance. We will most likely fall into the 3rd option.

Standard Remote ID – Onboard RF equipment to transmit data with an internet integration component or version of this as well.

Limited Remote ID – Internet version most likely to use your smartphone. 400 feet from controller rule comes into effect as well as line of site with no RF transmitting component on the aircraft.

No Remote ID – 400 feet from controller rule comes into effect as well as line of site. This means no FPV and it must be an FAA Recognized Identification Area or (FRIA) as it is called. Only CBO's "Community Based Organizations" can apply for a FRIA site and as stated could take up to a year for approval.

The best defense is a little education on the subject so inform everyone what has been proposed and voice your opinions.

In my opinion, The AMA needs to step up and enlighten the FAA how this is not even remotely necessary for a hobbyist or club.

More Info:

"Many hobbyists, including traditional radio control model aircraft enthusiasts, were among the first to decry the FAA approach to RID, arguing that the rules should not be applied to aircraft flown without automated stabilization and first-person view. Others seek a carve-out for racing drones and other FPV models, and worry that RID will devastate hobby flying."

FAA gets early earful on drone ID

ADS-B for safe UAS integration

Election Results 2020

President: Tony Pollio
Vice President: Joe Petrozza
Treasurer: Russell Rhine
Recording Secretary: Tim Vess
Corresponding Sec: Nick Toto

Board of Directors:
Warren Scudder
Gene Kolakowski
Charlie Passanante
John Cappabianca

Video Shout Out
Video Links

The following are some videos discussing the proposal and issues for UAS aircraft.

FAA Remote ID ends the FPV hobby as we know it

https://www.youtube.com/watch?v=4E1aEym-1cQ

ALERT | NEW FAA Rules for Recreational Drone Hobbyist | What You Need To Know!

https://www.youtube.com/watch?v=xIIvP-v6LBY

FAA Proposed Remote ID for Drones Eliminates Hobbyists

https://www.youtube.com/watch?v=murv6DejjBs

An update on the fight to defeat the FAA's electronic ID NPRM

https://www.youtube.com/watch?v=pfoHqqq14Kk

ALERT | NEW FAA Rules for Recreational Drone Hobbyist | What You Need To Know!

https://www.youtube.com/watch?v=xIIvP-v6LBY

*Universities are turning student phones into surveillance machine

https://www.archyworldys.com/universities-are-turning-student-phones-into-surveillance-machines/