



The CONNECTOR

Newsletter of the Aeroguidance Society, Inc.
AMA Chartered Club No. 441

www.agсны.org

Volume #71 Issue #02 February 2025

**The Next AGS Club Meeting will be held on
Monday March 3rd at 6:30 P.M at The Tri Cities Airport!**

In case of inclement weather, look for a meeting update or cancelation via the club email list

Upcoming Club Events

AGS January Meeting

Mon March 3rd

6:30 PM

Tri Cities Airport

Aero Guidance Society Meeting #919

Attendees:

Ray Phillips, Jeff Hatton, Bill Green, Kieran Sweeney, Bob Jennings, Edward Bennett, Ron Dufford Non-Member

Bill Green Called the meeting to order at 6:35 PM. The meeting adjourned at 7:25 PM

Treasurer's Report:

Jeff Hatton presented the treasurer's report.

Previous Minutes:

All BOD meetings have been postponed until further notice.

Old Business:

Bill Green mentioned the container for storage. The members agreed to hold off on it until a more detailed cost analysis was completed. Ray Phillips said we should also survey the members. Edward Bennett confirmed an approximate cost for attorney's fees to change the club into a 501C#. The members agreed to continue researching in the future.

New Business:

Jeff Hatton discussed insurance for the AGS. He said that we should get other quotes and look into the actual deductibles to try to reduce the insurance cost. The members entered a discussion about leasing land to a local hobby shop for an RC car track. The members agreed this could potentially be a great thing for the club. Leasing land could bring in revenue for the club. This could also give the club more exposure to people who might be interested in RC planes and could lead to more membership. The members agreed to continue the discussion in the future.

Upcoming Events:

Event	Date	Location
IRCS Winter Flying	Saturdays or Sundays, 10 AM to when the cocoa/coffee runs out.	IRCS Flying Field

IRCS Winter Flying:

As a reminder, Kieran S. will send out an email to the AGS listserv on Fridays on the weeks that there will be flying, as these events are dependent both on appropriate weather and the attendance of at least one IRCS member. Hopefully we have a few more calm weekends with snow in March!

What People Are Building:

Kieran Sweeney:

I'm in the middle of two builds right now.

One is a 600mm Macchi C.202 Folgore by Dionnel, printed in 3DLabPrint LW-PLA. I'm on track to meet my design goals of sub-125g airframe weight and sub-250g AUW! It will be powered by a 3S 500mAh pack and 2205 2300kV motor, spinning a 5x4 two-blade prop. It should be ready to fly by March 8th. Longerons are 500mm lengths of 1.75mm PLA. I'm interested to see how this performs in comparison to 1.5mm carbon.

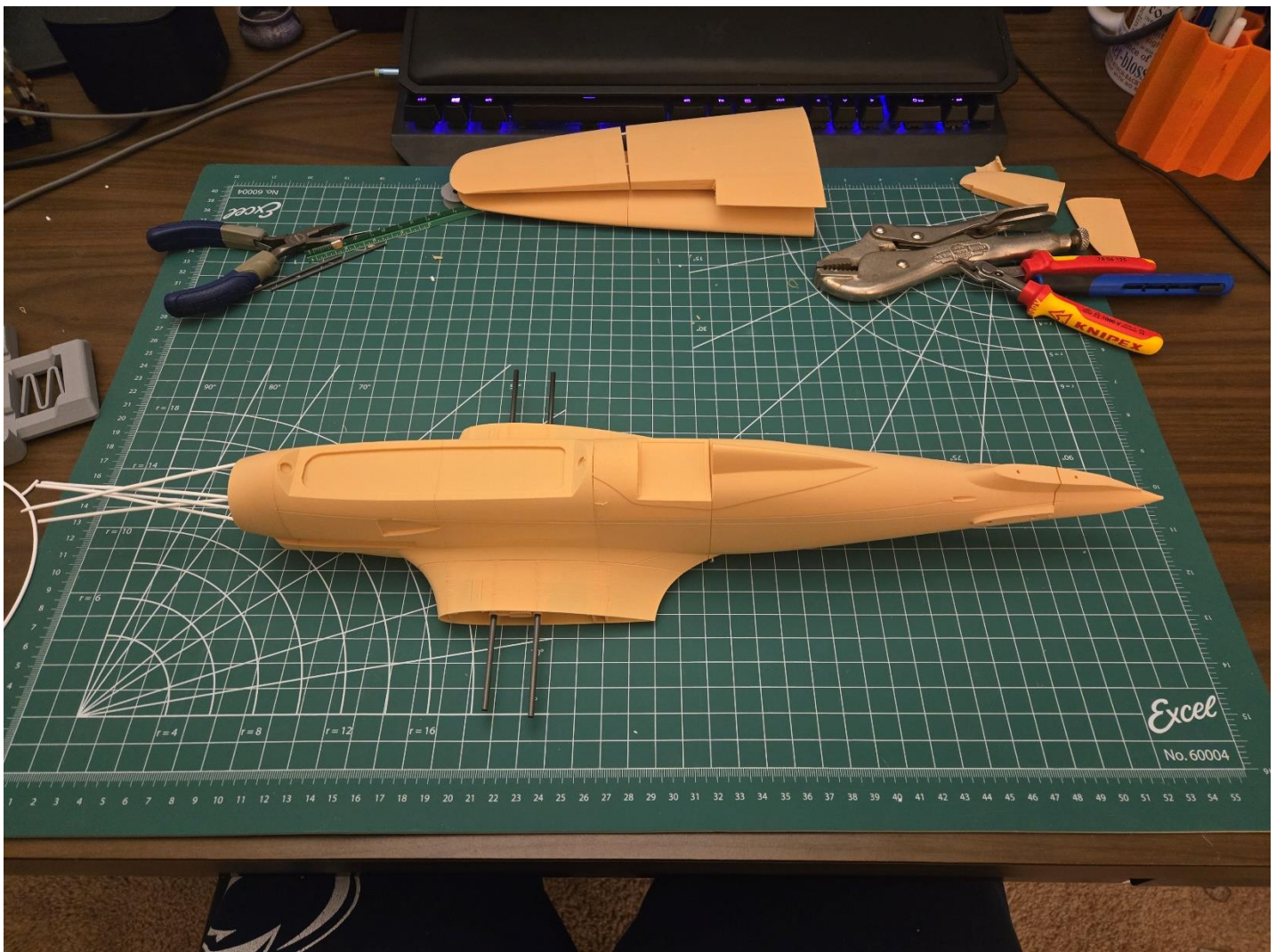


Figure 1-1: Fuselage with exposed main and secondary spars.

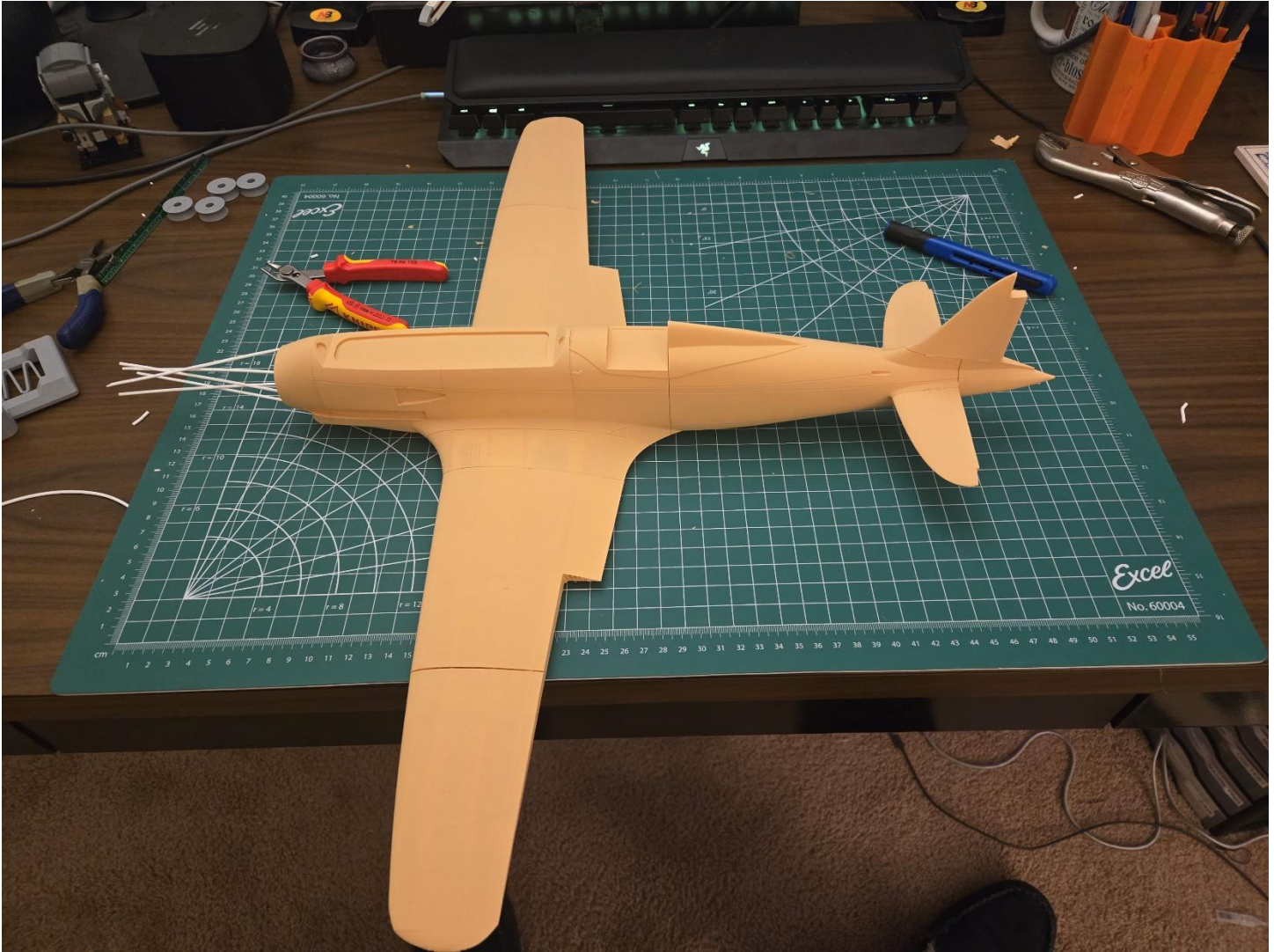


Figure 1-2: Fuselage and wings, ready for control surfaces!

My other build is an F4D Skyray by PTIKyle. Power will be a 50mm EDF and a 4S 2200mAh pack. The airframe is printed in 3% gyroid infill and does not have any spars. This is a new style of design for me, so I'm looking forward to seeing how stiff an infilled/sparless design can be. If it performs well I may switch over to this style of design in the future as it saves significant CAD time.

All the parts are printed, I just need to find time to assemble it. Currently I'm limited to working in short bursts over several days until I find a way to vent superglue fumes better in my garage. I forgot to enable "avoid crossing perimeters" when printing the fuselage section, so I've resigned myself to spending a lot of time with a scraper and brass brush to remove the stringing present all over the airframe. Oh well, lesson learned!



Figure 2-1: The unassembled Skyray

AGS 2025 ACTIVITIES CALENDAR

ACTIVITY / LOCATION (AGS Field unless specified)	DATE	CHAIRMAN
AGS Club Meeting Tri Cities Airport	March 3 rd 6:30 PM	Brent Bryson

**The Aeroguidance
Society, Inc.
147 Warrick Rd.
Endicott, NY 13760**



**The AGS Field is an approved FRIA flying
site – no Remote ID required**

AGS Officers:

President: Brent Bryson (A-C)

Vice President: Bill Green (D-H)

Secretary: Ed Bennett (I-L)

Treasurer: Jeff Hatton (M-R)

Board Members at Large:

1) Charlie Hatton (S-Z) [year 2 of 2-year term]

2) Todd Kopl [year 1 of 2-year term]

Past President: David Dewey-Wright

Committee Chairmen:

Membership: David Dewey-Wright

Field: Todd Kopl

Safety: Chris Goffa

Webmaster: Don Shugard

Newsletter Editor: Kieran Sweeney

**For AGS field current weather info contact: BGM
Automated Terminal Information System (ATIS)
607-729-8335**