



The CONNECTOR

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

www.agsny.org

Volume #70 Issue #6 June 2024

**The Next AGS Club Meeting will be held on
Monday July 1st at 6:30 P.M at the Field!**

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

Upcoming Club Events

AGS April Meeting

Mon July 1st
6:30 PM
AGS Field

Hot Dog Nights!

Wed July 3rd, 10th, 17th, 24th, 31st
6:00 PM
AGS Field
(Weekly)

Aero Guidance Society Meeting #911

In attendance:

Bob Jennings, Harold Peeling, Joe Semcho, Dave Smith, Michael Mauersberg, Ed Bennett, Ray Phillips, Dave Dewey-Wright, Jeff Hatton, Kieran Sweeney, Bill Green, Tom Fargo

Treasurer's report:

Jeff. H. presented the up-to-date treasurers report.

Board Minutes: The May 2024 board minutes were presented by Tom F. Bob J. then asked about how the current updated "Swap shop" produced by Jeff Prescott, email's distribution list was set up because he hasn't been receiving them. Jeff H. said that he will inquire and request to have it sent to all AGS members

Old Business:

Dave D W managed to contact a representative for the Binghamton airshow and presented additional details to set up an AGS booth. Dave said the AGS would get 4 free tickets per day to man the booth from 12:00-4:00. He anticipated that we need at least a minimum of 3 volunteers per day and will send a follow up email to members looking for additional volunteers. The ditch and hump at the top of the access road continues to be worked on and molded to handle the water run-off and drainage from the field. Jeff H. brought more items from Jim Q's estate and reiterated that it all has to find another home.

New Business:

Harold P. inquired about inviting co-workers out to the field for another evening of flight training. After member discussion, it was reasoned that a particular evening should be "scheduled" only if there was a large group of people planning to attend. Otherwise, it wasn't necessary. The AGS general meeting #912, is scheduled for July 1, 2024 at the AGS field

AGS Field Mowing: Ray P reminded everyone not to mow the grass around the 4x4's so they can be removed and to raise the mower deck up to maintain about a 4-6" grass height for the patches.

Reminders: Wednesday 5/22 starts the season for Wednesday weekly flying and hotdog nights! Donations to the pot are encouraged as this is how we keep it going. Guests and members from other clubs are WELCOME to stop out and participate in some flying (must be an AMA member) and socializing and mini barbecue with dogs, snacks and non-alcoholic drinks! *Thursdays will be considered for any back up dates. Jeff H said he will continue to bring along remaining Jim Q's planes for AGS members to contemplate owning (for a small donation preferred).

Upcoming Events:

AGS Pattern Contest: Jeff's primary date is the weekend of 8/17. The following weekend, 8/24, is the backup.

Upcoming Pattern Competitions: 7/6/2024 Haverstraw Pattern Challenge, Haverstraw, NY

Show & Tell:

Jeff H. had his RC plane & equipment trailer at the meeting and showed some updates he installed including a nice roll-out shelf for easier access!

Tom F. brought his Aray that he originally built from the Lou Andrews kit in 1972 using a 3 channel (rudder, elevator and throttle) O.S. digital radio, covered with silk and dope and powered by an Enya .35 glo engine. It was refurbished using the old plans by cutting out ailerons for the wings, rebuilding the entire front of the fuselage, adding larger elevator and rudder control surfaces, replacing wing dowels and landing gear dowels with wing bolts and straps and screws for the landing gear, now covered with monocote and powered with a new O.S. .35 glo engine.

Previous Board Meeting Minutes:

The May 2024 board minutes were presented by Tom F. Bob J. then asked about how the current updated "Swap shop" produced by Jeff Prescott, email's distribution list was set up because he hasn't been receiving them. Jeff H. said that he will inquire and request to have it sent to all AGS members

Meeting wrap-up:

The meeting ended at 7:33, with the members removing the 4x4's in front of the grass patches outlining the runway.

Important Information: The Blue Angels landed at the Binghamton airport at approximately 7PM on 6/30. They'll be practicing throughout the week in preparation for the airshow 6/6-6/7.



AGS 2024 Field Mowing Schedule

By: Todd Kopl

2024 FIELD MOWING SCHEDULE

| | | | | | | |
|-----------------|--------------------|--------------|--|--------------------|--------------|--|
| 5/2/2024-5/4/24 | Todd Kopl | 607-222-0588 | Takopl297@gmail.com | Tom Fargo | 607-727-3715 | sequata@hotmail.com |
| 5/09/24-5/11/24 | Bill Green | 607-727-6647 | wbgreen1948@gmail.com | Edward Bennett | 607-237-7327 | edwardbennett13901@yahoo.com |
| 5/16/24-5/18/24 | Brent Bryson | 607-760-9397 | bbryson@stny.rr.com | Lashawn Wiley | 235-4084 | lashawnwiley@yahoo.com |
| 5/23/24-5/25/24 | Ray Phillips | 607-754-1783 | bphillips2@stny.rr.com | TBD | | |
| 5/30/24-6/01/24 | Harold Peeling | 607-748-5348 | hpeeling@yahoo.com | Jesse Pagels | 408-460-4500 | JPAGELSHOBBYMAIL@GMAIL.COM |
| 6/6/24-6/08/24 | Charlie Hatton | 607-754-5262 | CHARLIE@DYNAMOCOMPUTERS.COM | Jeff Hatton | 607-760-0791 | jhattonc@gmail.com |
| 6/13/24-6/15/24 | Chris Goffa | 607-765-2065 | CGoffa@gmail.com | Michael Mauersburg | 687-6043 | mmauersburg56@gmail.com |
| 6/20/24-6/22/24 | David Dewey-Wright | 607-687-9058 | ddw@binghamtonwireless.com | David A Smith | 607-754-2745 | dsmith6@stny.rr.com |
| 6/27/24-6/29/24 | Todd Kopl | 607-222-0588 | Takopl297@gmail.com | Tom Fargo | 607-727-3715 | sequata@hotmail.com |
| 7/4/24-7/6/24 | Bill Green | 607-727-6647 | wbgreen1948@gmail.com | Edward Bennett | 607-237-7327 | edwardbennett13901@yahoo.com |
| 7/11/24-7/13/24 | Brent Bryson | 607-760-9397 | bbryson@stny.rr.com | Lashawn Riley | 235-4084 | lashawnwiley@yahoo.com |
| 7/18/24-7/20/24 | Ray Phillips | 607-754-1783 | bphillips2@stny.rr.com | TBD | | |
| 7/25/24-7/27/24 | Harold Peeling | 607-748-5348 | hpeeling@yahoo.com | Jesse Pagels | 408-460-4500 | JPAGELSHOBBYMAIL@GMAIL.COM |
| 8/1/24-8/3/24 | Charlie Hatton | 607-754-5262 | CHARLIE@DYNAMOCOMPUTERS.COM | Jeff Hatton | 607-760-0791 | jhattonc@gmail.com |
| 8/8/24-8/10/24 | Chris Goffa | 607-765-2065 | CGoffa@gmail.com | Michael Mauersburg | 687-6043 | mmauersburg56@gmail.com |
| 8/15/24-8/17/24 | David Dewey-Wright | 607-687-9058 | ddw@binghamtonwireless.com | David A Smith | 607-754-2745 | dsmith6@stny.rr.com |
| 8/22/24-8/24/24 | Todd Kopl | 607-222-0588 | Takopl297@gmail.com | Tom Fargo | 607-727-3715 | sequata@hotmail.com |
| 8/29/24-8/31/24 | Bill Green | 607-727-6647 | wbgreen1948@gmail.com | Edward Bennett | 607-237-7327 | edwardbennett13901@yahoo.com |
| 9/5/24-9/7/24 | Brent Bryson | 607-760-9397 | bbryson@stny.rr.com | Lashawn Wiley | 235-4084 | lashawnwiley@yahoo.com |
| 9/12/24-9/14/24 | Ray Phillips | 607-754-1783 | bphillips2@stny.rr.com | TBD | | |

| | | | | | | |
|-----------------------|---------------------------|----------------------|--|-----------------------|----------------------|--|
| 9/19/24- 9/21/24 | Harold Peeling | 607- 748- 5348 | hpeeling@yahoo.com | Jesse Pagels | 408- 460- 4500 | JPAGELSHOBBYMAIL@GMAIL.COM |
| 9/26/24- 9/28/24 | Charlie Hatton | 607- 754- 5262 | CHARLIE@DYNAMOCOMPUTERS.COM | Jeff Hatton | 607- 760- 0791 | jhattonc@gmail.com |
| 10/3/24- 10/5/24 | Chris Goffa | 607- 765- 2065 | CGoffa@gmail.com | Michael Mauersburg | 687- 6043 | mmauersburg56@gmail.com |
| 10/10/24- 10/12/24 | David Dewey -Wright | 607- 687- 9058 | ddw@binghamtonwireless.com | David A Smith | 607 754 2745 | dsmith6@stny.rr.com |
| 10/17/24- 10/19/24 | Todd Kopl | 607- 222- 0588 | Takopl297@gmail.com | Tom Fargo | 607- 727- 3715 | sequata@hotmail.com |

NOTES:

Dates are the Saturday that the field should be mowed by. Typically, the field is mowed on a Thursday afternoon/evening to ensure the runways are in good shape for the weekend.

You are responsible for switching dates with others if unable to mow on scheduled date.

CREWS:

YOU ARE RESPONSIBLE TO REPLENISH FIVE GALLONS OF GAS AT COMPLETION OF YOUR MOWING ASSIGNMENT.

What our members are building

Kieran Sweeney: A 2016 3DLabPrint P-38G was assembled and promptly disassembled to test various methods of repair. It has been determined that the best method for replacing entire sections is the same as for LW (Foamed) PLA: cutoff the damaged section approximately 4-6mm from its joint with the next intact section with a hot knife, and to then carefully trim down the remaining 4-6mm with a new hobby knife. Multiple blades will be required, as CA glue appears to dull the blades quickly.

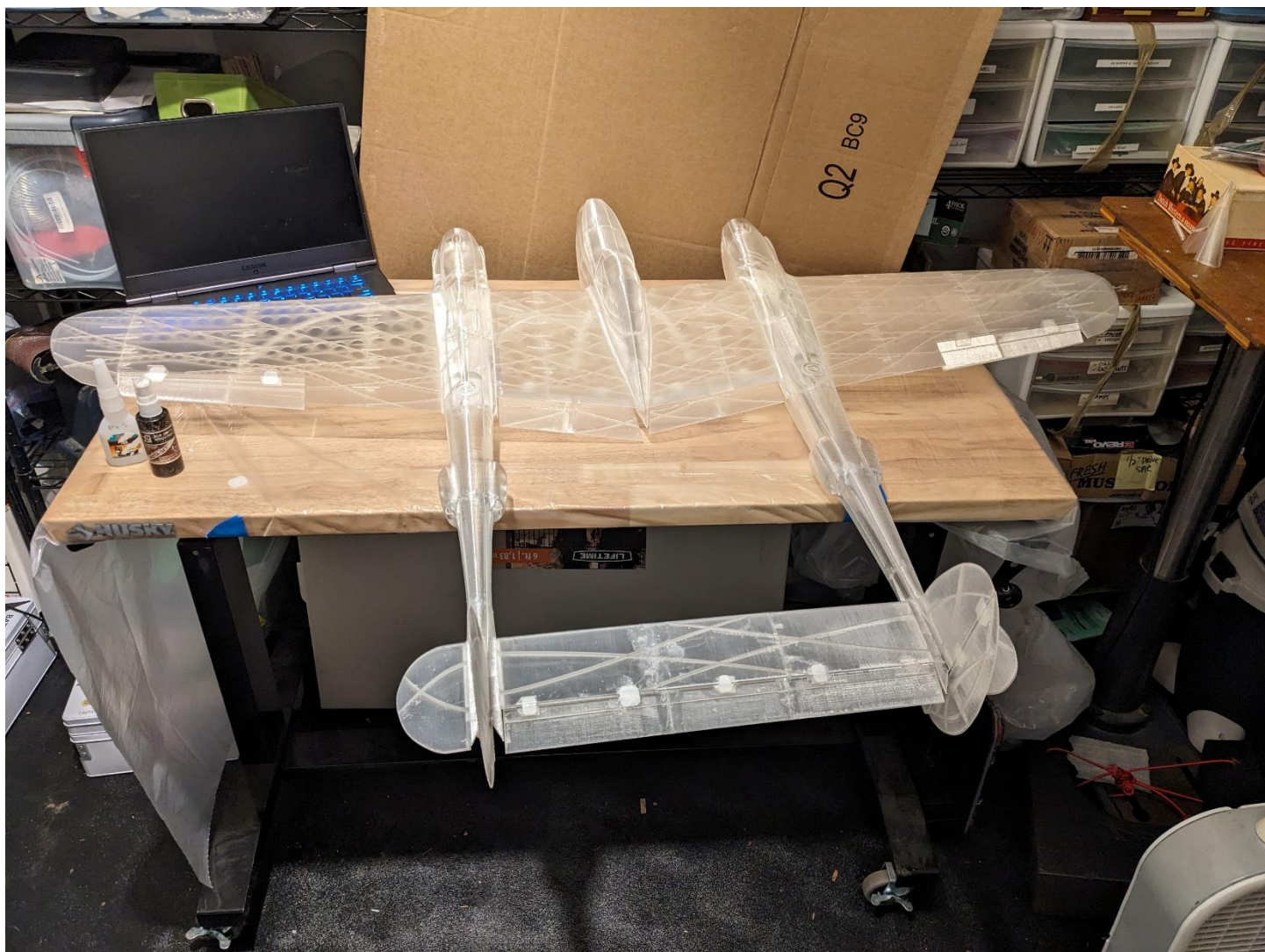


Fig 1-1 A completed P-38 in PLA

CA debonder proved completely ineffective. The current hypothesis is that it is unable to penetrate to the internal support structure, thus having no effect on loosening glued sections. It also appears that Bob Smith debonder damages TPU, as all of the TPU hinges to which the debonder was applied tore apart easily. Therefore, debonder must be used with extreme care if an aircraft uses TPU anywhere.

Unlike with modern LW-PLA aircraft, it is quite difficult to perfectly trim to the joint, resulting in a jagged and generally poor bonding surface. Hobby knives struggle to cut through CA, hot knives cause unacceptable curling and deformation of the PLA structure when slowed by cutting through stringers or CA around the joint, and plastic-specific rotary tool (Dremel 3000) cutoff tools result in ugly half-melted cuts. Without internal 1.2mm carbon rods for structure and alignment, commonplace

in modern designs, it appears that there is little point in outright replacing damaged fuselage sections of the P-38 and other models of its generation. It is better to replace entire structures rather than individual sections. For example, re-printing an outer wing structure (4 sections) of the P38 when not patchable.

A new P-38 will be printed and assembled in time for Saturday/Sunday display at the Binghamton airshow, as it was very popular demo model at the Ithaca pancake breakfast on Father's Day.



Fig 1-2: A completed fuselage.



Fig 1-3: The right fuselage trimmed with a plastic-specific rotary too cutoff wheel

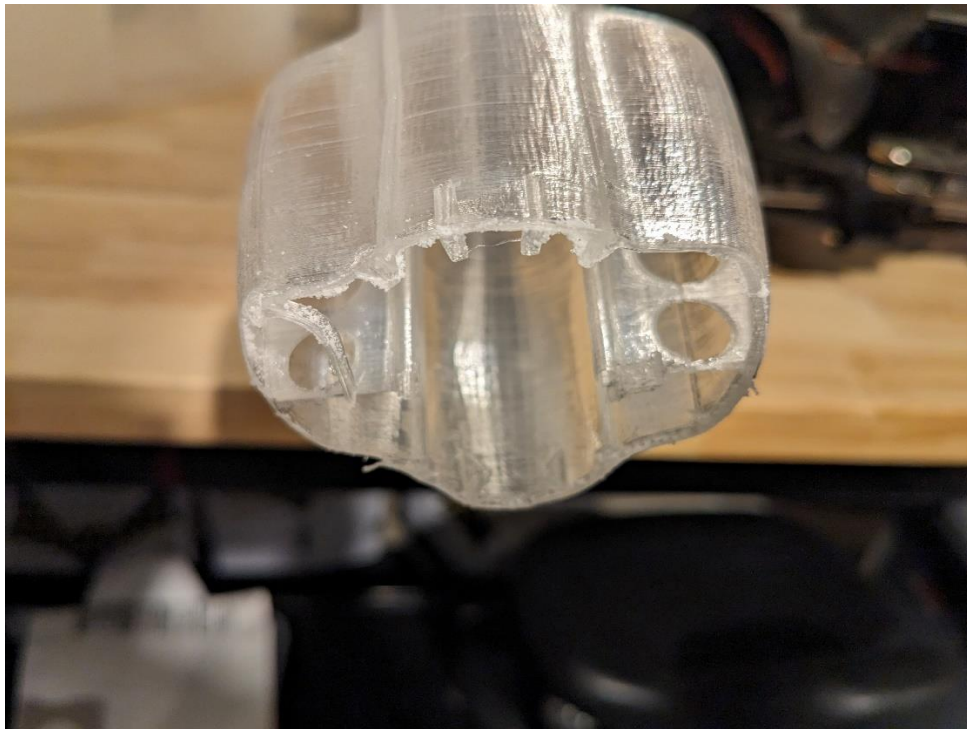


Fig 1-4: The left fuselage trimmed with a hot knife, then “sanded” down with a plastic-specific cutoff wheel

AGS 2024 ACTIVITIES CALENDAR

| ACTIVITY / LOCATION (AGS Field unless specified) | DATE | CHAIRMAN |
|---|----------------------|-----------------|
| AGS June Club Meeting AGS Field | July 1st 6:30 PM | Brent Bryson |
| Binghamton Airshow Day 1 | July 6 th | n/a |
| Binghamton Airshow Day 2 | July 7th | n/a |
| Annual Aerobatics Contest | Tentative Aug 17 | Jeff Hatton |

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

AGS Officers:

President: Brent Bryson (A-C)

Vice President: Bill Green (D-H)

Secretary: Tom Fargo (I-L)

Treasurer: Jeff Hatton (M-R)

Board Members at Large:

1) Ray Phillips (S-Z) [year 2 of 2-year term]

2) Charlie Hatton [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**



ACADEMY OF MODEL AERONAUTICS
FAA-RECOGNIZED IDENTIFICATION AREA
A FRIA IS A DEFINED GEOGRAPHIC AREA WHERE DRONES CAN BE FLOWN WITHOUT REMOTE ID EQUIPMENT.

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