

# THE CONNECTOR

Newsletter of the Aero Guidance Society, Inc.

AMA Chartered Club No. 441

www.agsny.org

Volume #58.....Issue #4... April...2012

Recipient of the AMA President's Award for 50 years  
of service to AMA and Aeromodeling

**The Following Channels Must Not Be Used At The AGS Field: 02, 04, 13, 27, 36, 42, and 49**

**THE NEXT AGS MEETING WILL BE ON MONDAY, MAY 7<sup>TH</sup> AT 6:45 PM AT  
THE ENDICOTT PUBLIC LIBRARY**

Changes to time or location will be noted in this newsletter

## *The Prez Sez....*

Jeff Hatton

It has been a good month. Flight school has started and is meeting every Wednesday. We are looking for the round style Futaba buddy cord. Please check your basements and anywhere you may have club equipment to see if you have any of the cords or buddy boxes and bring them to the meeting or deliver them to the field.

Speaking of club equipment, heritage self-storage has been kind enough to donate a storage area for our use, The club has purchased shelving for the area and if you have any club equipment please get it to a board member or contact me and we can arrange to have it stored.

We are well on our way to having the funding for a new tractor. So far we have collected over \$1,000 in pledges and we have not heard from everyone yet. Whether you wish to make a pledge or not, please let the board know of your decision and save us a phone call.

## May Program

The program for the May meeting will be presented by Bob Balsie and is entitled "Space Shuttle Crash Analysis". It will examine the two Space Shuttle disasters, Challenger and Columbia, and explain what caused these disasters. We will also see what lessons that we can learn from these two accidents to help us be better, safer modelers.

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Subscriptions to  
**"THE CONNECTOR"**  
may be obtained free via e-mail  
or at a minimal cost of \$8.00  
annually.  
Contact the Editor

## Coming Events

**AGS Meeting**  
May 7th, 6:45 PM  
ENDICOTT LIBRARY

**First Pylon Race**  
May 8<sup>th</sup>, 6:00 PM  
AGS FIELD

**Second Pylon Race**  
May 22<sup>nd</sup>, 6:00 PM  
AGS FIELD

**Aerobatics Primer**  
June 9<sup>th</sup>  
AGS FIELD

## **Cancellation of AGS Meetings:**

In the event of poor weather,  
call the Library at 757-5350.  
If the library is closed, you will  
receive only the hours of  
operation.

**The Aero Guidance  
Society, Inc.  
P.O. Box 39  
Vestal, NY, 13850-0039**

**President:** Jeff Hatton  
(A-C)

**Vice President:** Ed Lancki  
(D-H)

**Secretary:** John Carril  
(I-L)

**Treasurer:** Bob Johnson  
(M-R)

**Board Members at Large:**

Vern Ziegler (S-Z)

Don Shugard

**Committee Chairmen**

**Membership:** Paul Slocum

**Program:** Jim Quinn

**Activities:** Bob Balsie

**Field:** John Carril

**Historian:** Bob Noll

**Public Relations:** Open

**Sound:** Ed Lancki

**Safety:** Don Shugard

**Librarian:** Open

**Editor:** Bob Balsie

e-mail: RC\_flyer@stny.rr.com

## **Pylon Racing to Start in May**

**by Don Shugard**

Pylon racing is gearing up for opening night, Tuesday, May 8th. Setup for the race starts at 6:00 pm. Flag drops at 6:30 pm. Remember, in case of inclement weather the race is called at the field, so even if it is raining in your neck of the woods on race night please come out to the field to see if the race is on or not.

**I need a volunteer to handle the food for after the races. Please contact me if you can purchase food and bring it to the race.**

**Pilot's dues will be \$35.00 again this year. I may have to ask for more dues later in the season to account for rising food costs, depending on the number of races we get in.**

**As always – GO FAST AND TURN LEFT...!!!**

**The Activities Calendar has the full schedule of race dates.**

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## **Aerobatics Primer**

**by Jim Quinn**

**For the last several years this has been an AMA sanctioned contest. There is a morning ground school provided by several aerobatic pilots. We will be explaining all the subtleties for best scoring at a contest. We will also use this time for any final trim flying, or maneuver explanations.**

**The best way to get information about the sequences is to go to the National Society Radio Control Aerobatics' (NSRCA) website, [www.nsrca.us](http://www.nsrca.us). On the home page's left margin there is a title, "Current Sequences Flown"; click on it. On the next page in the center there will be four links, one for each of the AMA competition classes. Click on your sequence at the left and you will get a call card. Click on your sequence in the middle (Aresti) and you will get an Aresti diagram of your maneuvers.**

**(continued on page 3)**

## Aerobatics Primer (cont.)

Click on your sequence on the right (Maneuver Descriptions) and you will get a wonderful description of each maneuver for your class. Of special note in the Sportsman sequence (401) there are two breaks during the sequence, after maneuvers 6 (two loops) and 11 (45 down line) which lets you take a breather before the next maneuver.

Lastly, let me say I hope every member of the AGS comes to the primer. If you currently compete in AMA sanctioned contests as Masters or FAI, come as a judge and helper. Everyone else should come and fly. Bring your favorite airplane, the one you like to fly most often and the one you fly the best. I guarantee you will finish the day a better pilot. You may not come in first place, but you will be a better pilot. We all fly STRAIGHT and LEVEL, or so we think. That is the second maneuver in the Sportsman Sequence, right after TAKE OFF. Flying truly STRAIGHT and LEVEL takes a lot of skill. Come to the contest - you will leave a better pilot. OH! Did I mention free food? Actually, it is not free, it is included in the entry fee of \$10.00, which is also paid by AGS members, unlike our big aerobatic contest in July where AGS members fly for free.

The Primer will take place on June 9<sup>th</sup>. Flight instruction starts at 10:00 am. Lunch will be served at 11:30 am, and flying will begin at 12:00 pm. So dust off that model and plan on coming to our field for a great day of learning and flying.



### Funtana 125 ARF by Hangar 9

The Deadline for Connector articles is two Fridays before the meeting. Please have submissions to the Editor before then.  
Electronic Submissions are preferred.  
E-mail them to [RC\\_flyer@stny.rr.com](mailto:RC_flyer@stny.rr.com)  
Deadline for the next Connector is 5/25/2012

# AGS General Meeting Minutes

## February 6, 2012

Meeting No. 774, called to order by Jeff Hatton at 6:50PM.

New Member – Eric Sedlacek

Scott Wallace made a motion to accept the minutes for March meeting as published in the Connector; seconded by Tom Kopl. Motion carried.

Bob Johnson gave the Treasurer's monthly financial report. Financials are to be filed by Secretary with the meeting minutes.

Winter Fly (Spring Fling) – Jeff Hatton reported that participation was good – there were plenty of fliers.

Mall Show - Bob Balsie reported on preparations status. He stated that he would like to be able to have on display different types of planes for each of the different club activities (i.e., pylon racers, float planes, pattern, etc.).

John Carril announced that Field Opening was rescheduled for Saturday April 7. Work will begin at 9:30AM with breakfast served at 9:00AM. A sign-up sheet was passed around. Terry Terrenoire is unable to cook for the breakfast since he will be out of town that weekend; however, Charlie Hatton has offered to fill in for him.

Don Shugard reported that Pylon Races would start in May. Schedule to be announced.

Flight Training - Jeff Hatton reported that beginning after field opening, he would be at the field every Wednesday at 5:30PM for flight school. Anyone (new or existing members) needing flight training or other assistance is invited to come. Bob Noll also committed to be there. Scott Wallace said he would be on call any evening to provide flight training.

Club History - Bob Noll discussed the early days of pattern flying in the AGS. He displayed an article in an old Connector issue showing early radio equipment.

Re: Small Tractor for field mowing - Jeff Hatton reiterated his Connector article regarding getting pledges for the tractor since we don't have sufficient funds in the treasury to purchase one.

Bob Noll discussed polling the membership and also looking into equipment availability and options. Vern Ziegler offered to keep an eye out for available used commercial equipment, which would be a cost effective option for acquiring a suitable mower. Eric Sedlacek mentioned that the highway department is another source, since they annually disposes of equipment, and offered to watch for any available equipment there.

Mark Lecher made a motion that we proceed with expanding/enclosing the upper pavilion using treasury funds so that we have someplace to store the mower when we acquire one.

### Discussion:

Frank Gioffredo stated that we should have a plan for the project before proceeding.

Jeff Hatton proposed that we amend the motion to develop a plan and realistic cost estimate.

The motion passed.

ACTION: Frank Gioffredo, Jeff Hatton and Don Shugard will assist with the proposal/plan.

Pattern Contest – Frank Gioffredo reported that the pattern contest would be a sanctioned event, and it is in the planning stage.

Bob Noll reported that he has signed up some members to be judges, and he will be training them.

Aerobatics Primer – Jeff Hatton (reporting for Jim Quinn in his absence) reminded all that the Primer is scheduled for June 9<sup>th</sup>. It is planned to use the new judges for the event to provide training for them.

Gas Exploration/Drilling Situation Update - Jeff Hatton reported that the Tioga Landowners Association was working on updating leases based on developments. Some concerns were expressed about potential drilling in the flying field area.

Club Storage Facility - Jeff Hatton reported that Heritage Self Storage has donated a no-cost lease for a 10 x 10 storage unit to AGS for as long as we want to use it. If anyone has any club items to store in it, they should let Jeff know.

ACTION: John Carril will check to see if our field insurance policy covers a remote storage facility, or if we have to get additional coverage for it.

Field Safety – Since one of our new members (Matt Hobart) is an AMA licensed park flier, Don Shugard gave an overview of the limitations and restrictions relative to the types of planes that park fliers are permitted to fly at the AGS field.

Bob Balsie brought up the impact of new FAA regulations about not flying within five miles of an airport. Jeff Hatton stated that the AMA is not recommending any changes at this time. They are waiting to see the new FAA regulations.

Library Use - Bob Balsie mentioned that the library does not charge for use of the room for our meetings; however, we should consider making a donation to them.

### SHOW & TELL

Bob Noll – Showed Building Group's Apache 90 model covered and painted.

Jeff Hatton – Showed his new pattern plane, which he says is the fastest plane he's ever flown. Said it was easy to assemble and is powered by a Hacker 850, 1650 Watt motor.

Doug Breneman – showed a very small LIPO battery that beeps when its voltage gets low and also has red light indicators

### PROGRAM

Frank Gioffredo showed the foam wings that were cut at the previous month's Program with balsa covering applied to them. He then discussed the techniques and glues for applying the balsa to the wings.

The meeting was adjourned by Jeff Hatton at 8:40PM.

John Carril - AGS Secretary

# Radio Controlled Model Airplane



## Float Fly

May 19th & 20th, 2012

Nathaniel Cole Park,  
Harpursville, NY

10 miles East of Binghamton, NY



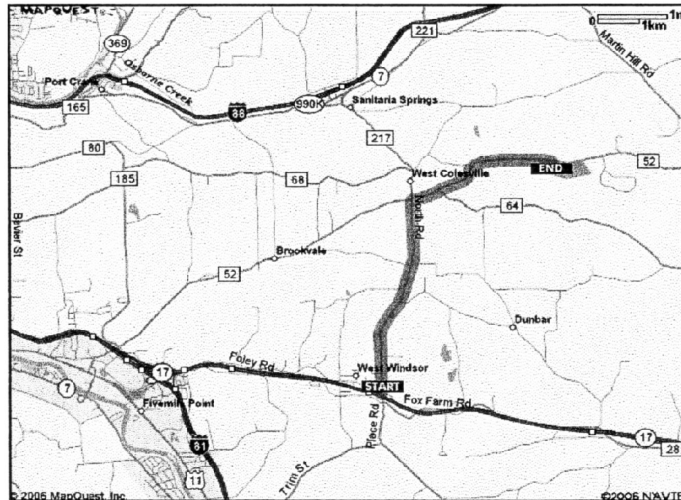
### DIRECTIONS:

NY Rt.17 (186) to Exit 77. Turn Toward Gas Station onto North Road. Follow North Road 4 miles to four corner intersection with Colesville Road. Turn right onto Colesville Road. Follow Colesville Road 2 miles. Entrance to the park will be on your right.

### SCHEDULE, FEES AND FEATURES:

Flying 10:00 AM to 5:00 PM both days.

Landing Fee: \$10 both days, or \$8 one day. Door prizes for pilots. On site overnight camping available for self contained RVs, please contact CD.



The MOB would like to thank last years event sponsors who donated prizes:  
**RC Foam, Redneck RC, Tower Hobbies**

Contest Dir: Brian Tyler • 515 Trim St. • Kirkwood, NY 13795 • (607) 775-2410 • flyinbri@echoes.net  
See our website: [www.modelersofbinghamton.com](http://www.modelersofbinghamton.com)

Bring the entire family, Cole Park boasts a beautiful 53-acre lake and twin arcs of white sand, the largest protected beach in the county system. There are two picnicking areas and all the amenities necessary to make Nathaniel Cole one of our finest parks. See [www.gobroomecounty.com/parks/ParksNatCole.php](http://www.gobroomecounty.com/parks/ParksNatCole.php)

## Pattern Judges to Start Training

by Bob Noll

As mentioned at the two previous club meetings, there will be a major change at this year's pattern contest. This change is intended to create a more enjoyable contest for our guests by allowing them time to relax and chat with fellow competitors instead of having to sit in the judges chair between their flights. Club members will be used to judge the Sportsman, Intermediate and Advanced classes.

I will be holding several training sessions starting in May. The NSRCA (National Society of Radio Control Aerobatics) has developed an excellent training package which I will be using. If you are interested in becoming a pattern judge and getting a front row seat at our contest, be sure to let me know by signing up at a club meeting or by contacting me at [bobrc@aol.com](mailto:bobrc@aol.com) or 607-754-5279.

## Did you know...???

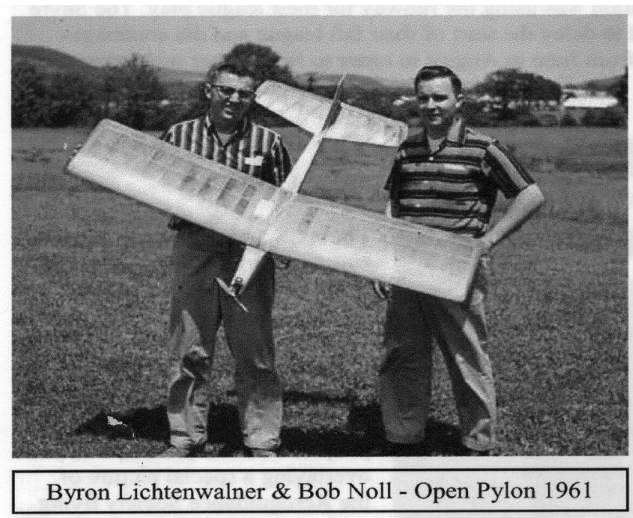
by Bob Noll - Historian

### AGS PYLON RACING IS IN OUR DNA

The AGS began holding AMA sanctioned R/C pylon racing in the early 1960's. At that time R/C pylon racing was flown one plane at a time, against a clock. Planes were powered by .19 cu. in. engines and the most popular designs had become deltas.

Initially, pylon racing was combined with pattern and scale. In the late 60's a separate two-day event was initiated. This was done when Formula I and Formula II became popular as several pylon racing circuits were formed in the northeast.

It is believed that the AGS was the first club to hold a two-day contest exclusively for pylon racing. Those races were held at the Tri-Cities Airport in Endicott and pilots came from New York State, Pennsylvania, New Jersey, Maryland and most of the New England states.



# Club Activities for 2012

by Bob Balsie – Activities Chairman

Well, another Mall Show is in the books. All three clubs in the area had a nice assortment of planes on display, and we had six people sign up to ask for more information on joining the AGS. The next upcoming events will be the pylon races on May 8<sup>th</sup> and May 22<sup>nd</sup>. Please volunteer to help Don Shugard run the events and enjoy hot dogs and snacks after the races.

Be sure to review the activities calendar below so that you can become familiar with the types of things that will be available for you to participate in this year.

<b>* ACTIVITIES CALENDAR FOR 2012 *</b>		
<b>Activity</b>	<b>Date</b>	<b>Chairman</b>
New Year's Day Fly	January 1, 2012	Frank Gioffredo
Winter Fly	February 11, 2012	Scott Wallace
Swap Shop	March 24, 2012 (AM)	Terry Terrenoire
Spring Fling	March 24, 2012 (PM)	Jim Quinn
Oakdale Mall Show	April 28 & 29, 2012	Bob Balsie
<b>Pylon Race</b>	<b>May 8, 2012</b>	<b>Don Shugard</b>
<b>Pylon Race</b>	<b>May 22, 2012</b>	<b>Don Shugard</b>
Aerobatics Primer	June 9, 2012	Jim Quinn (CD)
Pylon Race	June 12, 2012	Don Shugard
Pylon Race	June 26, 2012	Don Shugard
AGS Pattern Contest	July 7 & 8, 2012	Frank Gioffredo (CD)
Pylon Race	July 10, 2012	Don Shugard
Pylon Race	July 24, 2012	Don Shugard
Pylon Race	August 7, 2012	Don Shugard
Family Cookout (?)	August 11, 2012	Bob Balsie
Pylon Race	August 21, 2012	Don Shugard
VR/CS Reunion	September 1 & 2, 2012	Bob Noll (CD)
Pylon Race	September 9, 2012	Don Shugard
Fall Float Fly	September 15 & 16, 2012	Bob Balsie (CD)
Pylon Race	September 16, 2012	Don Shugard
Annual Holiday Party	December 3, 2012	Bob Balsie

# Himax EZ Gas Conversion !!!

**Three EZ steps to pick the correct combo for your plane!**

- Step 1** Determine the flying style of your new plane - 3D, Aerobatic, or Leisure?
- Step 2** Estimate the total take-off weight of your new plane.
- Step 3** Go to the "Model Weight" column of the following chart. In the column of the correct flying style, find the weight that is equal to or larger than the weight of your plane. Bingo! that is the combo for your new plane!

If you wish to understand how this works, please read the article on the back cover.

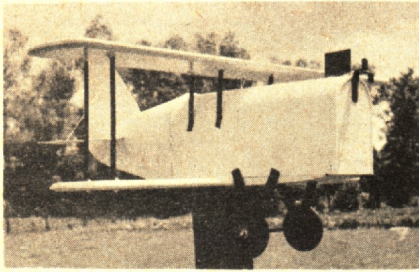
Part No.	Glow Equiv.	Motor Included	Prop Included	ESC Included	Model Wt. oz			# of Lipo	Power watts	Thrust oz	Sym wt oz	Sale
					3D	Aerobatic	Leisure					
Combo-020	.020	HC2208-1260	8x3.8SF	TB6	na	6	8	2	28	6.5	1.4	61.99
Applications: GWS Lite Stick, Small indoor electric												
Combo-040	.040	HC2212-1180	9x4.7SF	TB9	na	9	11	2	44	9	1.7	64.99
Applications: Shock Flyers, Sig Lil Rascal, Pico Cub, Pico Tiger Moth												
Combo 049	.049	HG2015-4166	12X6E	TB18	14	20	25	3	100	22	3.6	83.99
Applications: Tribute, GWS Warbirds												
Combo-070	.070	HG2025-4266HD	12X8E	TB18	20	30	38	3	155	35	4.3	89.99
Applications: Mini Funtana, Mini Edge, Hyperion Cap 232, Su-31, Extra 300, GWS Warbirds												
Combo-061	.061	HC2808-0980	9x4.7SF	TB9	12	18	24	3	90	17	2.4	66.99
Applications: Shock Flyers, GP Flatout series, Hyperion Flying Boat, SIG Kadet EP												
Combo-10	.10	HC2812-0850	10X7E	TB18	16	24	30	3	120	25	3.4	80.99
Applications: E-Flite Cessna 182												
Combo-15A	.15	HC2816-0890	10X7E	TB18	20	30	36	3	150	30	3.9	83.99
Applications: E-Flite P-47, Hyperion Extra 300, Su-31, Cap232, Mini Funtana												
Combo-19A	.19	HC3510-1100	9x6E	TB36	24	40	50	3	200	36	4.3	95.99
Applications: E-Flite Brio-10, E-Flite Mini Ultra Stick, Ultimate 3-D, Hyperion Yak-55												
Combo-25A	.25	HC3516-1130	10X7E	TB54	32	56	70	3	300	48	6.3	107.99
Applications: Extreme Flight Extra 300												
Combo-30A	.30	HC3522-0990	11X7E	TB54	40	64	80	3	400	59	7.5	113.99
Applications: Hyperion P-51 with retracts, Multiplex Magister												
Combo-40	.40	HC3528-1000	12X6E	PH60	43	72	90	3	500	65	10	158.99
Applications: Twist 40, E-Flite J3 Cub 25 ARF, Pulse XT40 aerobatic, Hobby Lobby 72" Telemaster, Multiplex Magister												
Combo-40A	.40	HC3528-1000	12X6E	PHICE50LT	43	72	90	3	500	65	10	185.99
Applications: Twist 40, E-Flite J3 Cub 25 ARF, Pulse XT40 aerobatic, Hobby Lobby 72" Telemaster, Multiplex Magister												
Combo-46A	.46	HC5018-530	12X6E	PH45HV	6lbs	8lbs	10lbs	6	850	9 lbs	17.5	176.99
Applications: Hanger 9 Twist												
Combo-46B	.46	HC5018-530	12X6E	PHICE75	6lbs	8lbs	10lbs	6	850	9 lbs	17.5	199.99
Applications: Hanger 9 Twist												
Combo-60	.60	HC5030-390	13x8E	PH45HV	9lbs	15lbs	20lbs	8	1200	10 lbs	21.5	210.99
Applications: SIG Something Extra, FourStar 40, Pulse XT40 3-D, Funtana 40 (6-S, 16x8E)												
Combo-60A	.60	HC5030-390	13x8E	PHICE75	9lbs	15lbs	20lbs	8	1200	10 lbs	21.5	232.99
Applications: SIG Something Extra, FourStar 40, Pulse XT40 3-D, Funtana 40 (6-S, 16x8E)												
Combo-90A	.90	HC8320-250	17x10E	ICE-HV80	10lbs	17lbs	22lbs	10	1500	14 lbs	23	322.99
Applications: Funtana 90 (9-S pack)												
Combo-120	1.20	HC6332-230	19x10E	ICE-HV80	12lbs	22lbs	30lbs	10	2200	21 lbs	34	359.99
Applications: 3-D planes, or 25% planes (10-S)												

<b>MAXX PRODUCTS</b>	www.maxxprod.com	email: sales@maxxprod.com	<b>MDI</b>
Info (847)438-2233 Fax(847)438-2698		Order (800)416-MAXX (6299)	

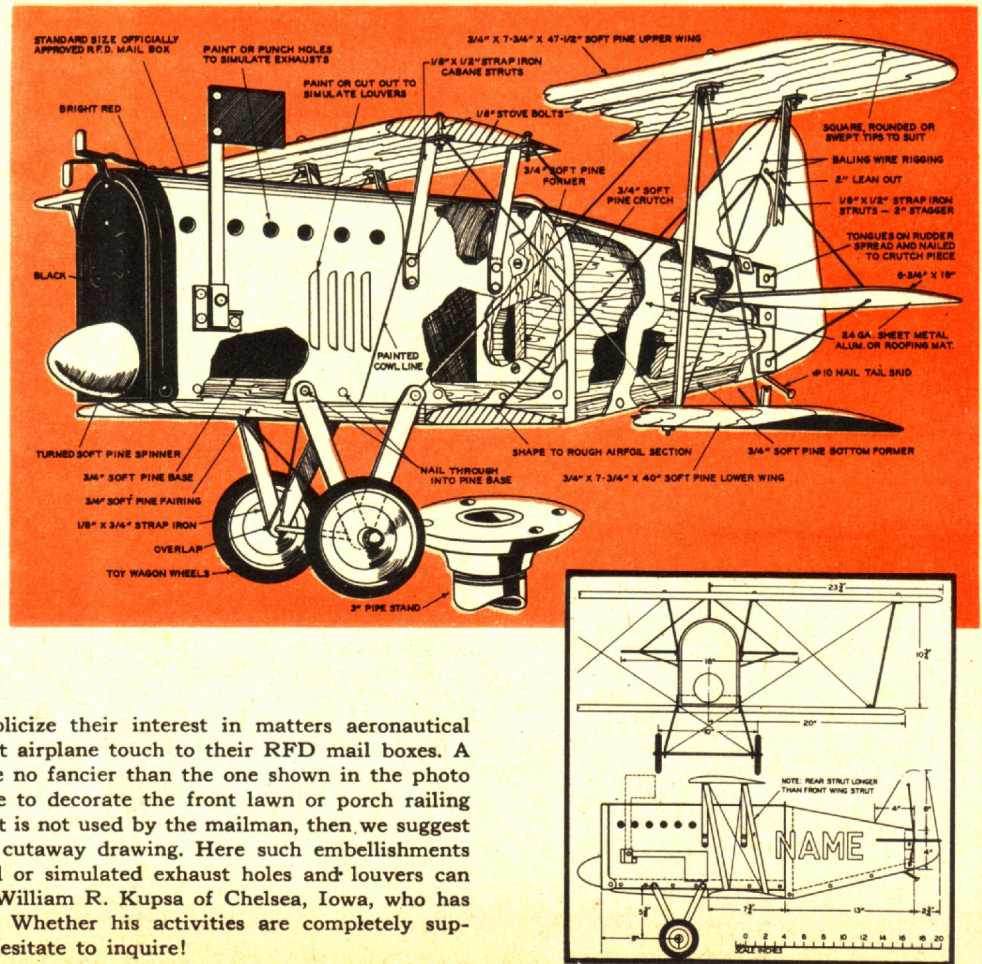


# This Project Gives a Whole New Meaning to "Air Mail"

## Home Workshop Project:



## Antique Airplane Mail Box



■ Rural air-fans who would like to publicize their interest in matters aeronautical could do no better than to give an ancient airplane touch to their RFD mail boxes. A "working" mail box in daily use should be no fancier than the one shown in the photo above. However, for those who would like to decorate the front lawn or porch railing with an antique airplane M.B. and one that is not used by the mailman, then we suggest an all-out treatment as illustrated in the cutaway drawing. Here such embellishments as a spinner (what! on an old DH?), real or simulated exhaust holes and louvers can be added. This design was submitted by William R. Kupsa of Chelsea, Iowa, who has developed a series of restyled mailboxes. Whether his activities are completely supported by the Postmaster General, we'd hesitate to inquire!



# May Program

## ***SPACE SHUTTLE CRASH ANALYSIS***