



AMA #1256

**2010 Club Officers**

President: Chet Thayer  
VP: John Gardiner  
Treasurer: Elliott Smith  
Secretary: Mike Hunter  
Editor: Tim Mihalski  
District IV AVP: John Kirchstein

**Volume 37 Issue 1**



Established 1973 - An AMA Gold Leader Club

<http://www.firststaterc.org>



**JANUARY 2010**

**UNOFFICIAL DECEMBER MEETING MINUTES**

The December Club meeting was cancelled due to inclement weather so there are not any minutes to report.



**2010 CLUB DUES REMINDER**

**ARTICLE 8: DUES**

1. The annual dues to be paid to the Club shall be determined by the Club officers with the approval of a simple majority vote. Dues are non-refundable, except under extraordinary circumstances, which will be determined by the Board of Directors on a case-by case basis. Dues are to be paid no later than the January Club meeting.
2. All new members are to be assessed a \$10.00 initiation fee upon their acceptance. The initiation fee is not refundable. A.M.A. Junior members (age 15 or younger) are exempt from this fee.
3. Dues are \$60.00 per year for A.M.A. Open members and \$25.00 for A.M.A. Youth members (those not 19 by July 1). Members age 65 or older by July 1 will be assessed \$35.00. No dues are assessed for Junior members when a parent or guardian holds an Open Club membership.
4. All dues are payable in advance by November 30 of each year. **Members who do not pay their dues by December 31 will be listed in the January newsletter.** Any members who do not pay their dues by January 31 will be dropped from the Club membership.
5. Dues for new members joining prior to September 1 will be for the full year amount. Dues for members joining after September 1 will be prorated at \$5.00 per month for each month remaining in that year.
6. Members dropped from the Club for non-payment of dues may be reinstated after paying the annual dues plus the \$10.00 late fee.
7. The Club can secure an A.M.A. membership for new members if they wish for the additional A.M.A. membership cost.
8. No special assessment shall be levied upon the Club membership, unless it is approved by a vote of two-thirds (2/3) majority of the members present at the regular monthly meeting, and the members have been given five (5) days prior notice along with an explanation of the assessment.

According to Club Treasurer Elliott Smith, as of January 13<sup>th</sup> the following 2 Club Members have not submitted their 2009 Club Dues:

William Bushey and Mike Poore

**REMINDER continued...**

Please address this situation and send your Club Application and dues to Elliott Smith ASAP!

Your Club needs you for all that you contribute, be that volunteer work or just plain camaraderie at meetings or at the field!

Dues can be paid at the Jan 18 meeting or mailed to the Club Treasurer, Elliott Smith 2908 Mattahoon Road, Wilmington, DE 19808



**Newsletter Submission Policy**

Submission must be in by the end of the month to be included in the next month's issue. I would be happy to include submissions such as but not limited to; Kit, Engine, Radio reviews, funny or dramatic incidents at the field, items for sale, aviation articles, both model and full scale, pictures of your latest creation. Member profiles, etc.

**FOR SUBMISSIONS, COMPLAINTS, OR COMMENTS**

Tim Mihalski, Editor  
302-239-7330  
My E-Mail Address:  
[mihalski@comcast.net](mailto:mihalski@comcast.net)



January 9<sup>th</sup>... William Bushey  
January 11<sup>th</sup>... Craig Reynolds



# DECEMBER'S MYSTERY AIRCRAFT

## 2000 Velocity 173 XL



### A Truly Modern, State-of-the-Art High Performance Aircraft

Best buy in a kit four-place home-built composite airplane powered by a proven 4- and 6-cylinder engine

- Easy to build – time-saving pre-cut foam cores, pre-molded fairings, finest quality aviation materials.
- Fast-build wing and fast-build fuselage options available that can drop build time to as little as 800 hours.
- Can be built in a 2-car garage; maximum width of fuselage without wings is 12 feet.
- Kit comes with a comprehensive set of construction videos and manual; no need for special tools.
- Affordable to build - ranging from \$65,000 for the SE with a mid-time engine, 2-blade wooden prop and VFR instrumentation to \$125,000+ for an XL RG with all the fast build options, factory new engine, M-T 3-bladed constant speed prop, IFR instrumentation, etc. etc.
- Economical to own, maintain and fly.
- Long range cross country capability with spacious, quiet four-person cabin and adequate baggage capacity.
- Aerodynamically advanced design with true 200+ mph cruise speeds.
- Incredible pitch and roll stability, solid feel on the controls...flies as a "two-finger" airplane.
- Experimental classification allows the builder/owner to perform his or her own maintenance.
- "Builders' Line" telephone access to factory support for those all-
  - important construction questions.

The Velocity is a true high performance airplane with the ability to make 1000 mile cross country trips at speeds in excess of 200 MPH – while carrying four adults and baggage in total comfort. With the rear mounted engine, the noise, propeller turbulence, engine heat and fumes are behind you, providing an atmosphere comparable to a modern sports sedan. An adequate supply of cool fresh air is available through forward inlets; this air can also be heated by the forward mounted oil cooler.

Using modern day airfoil technology, clean cabin lines, and non-complex systems, the Velocity exceeds all other aircraft in its class – in efficiency, performance, and simplicity. The Velocity performs best at altitudes of 7000 to 12000 feet (higher for turbo-charged engines) – probably the best environment for comfort and efficiency of operation. Piloting chores can be shared by both

# DECEMBER'S MYSTERY AIRCRAFT



Velocity's Gull Wing Doors

pilots, and the Velocity's incredible stability and spacious instrument panel make it an excellent IFR platform. With extremely crisp controls and excellent aerodynamic stability, the Velocity has been described as if it

was mounted on rails, allowing you to fly long distances with a minimal pilot load, yet it will dogfight with the best of the two seat sport planes. Once on the ground, the Velocity is as sure-footed as a cat, with its full-castering nosewheel, 100" wheelbase, 80" track, and oversize wheels and brakes.

2003 saw the introduction of the Velocity XL-5 (nicknamed the "Dash 5"), which is an option to the XL kit. In addition to all the "extras" of the Velocity XL model, the "Dash 5" includes an extra seat (it can accommodate 3 children on the rear bench seat), extra baggage space, extra packing versatility, extra passenger comfort, extra useful load, extra engine power, extra braking power, and extra rudder control. Our intention is for you to have the best aircraft possible, whether it be a homebuilt or otherwise. Our completed Velocitys have established a record for durability and easy care. An added benefit is that the builder can perform all the repairs and maintenance. This saves a lot of money and gives you the confidence that the work was done thoroughly and properly. By combining proven, well-tested building techniques with a very complete kit, the Velocity has established itself as a winner by pilot/builders worldwide. A demo ride at Velocity will convince you that we offer no hype, no pie-in-the-sky claims...just a real fine airplane.

## **Production Aircraft Specifications**

### **Velocity XL Performance**

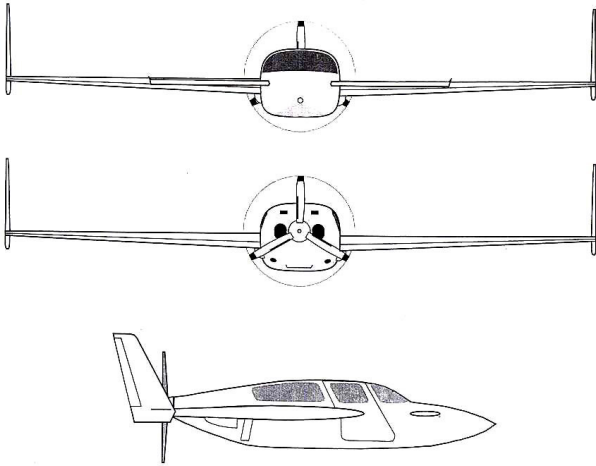
	<b>XL-RG</b>
Engine	Lyc IO-540 260HP
Takeoff Distance	1400 ft
Rate of Climb (@ sea level)	1350 fpm
Landing Distance	1500 ft
Cruise Speed @ 75% Pwr	190 ktas
Vne	200 kias
Ceiling	20,000ft+
Range at 65% Power	950 nm
Minimum Speed	65 kts
Landing Speed	75 kts

# DECEMBER'S MYSTERY AIRCRAFT

## 2000 Velocity 173 XL

	Velocity XL
Length Overall	20'
Height	7' 9"
Wheel Base	110"
Track Width	80"
Wingspan	31'
Canard Span	188"
Main Wing Area	122.5 Sq Ft
Canard Wing Area	22.8 Sq Ft
Total Wing Area	145 Sq Ft
Empty Weight	1700 lbs
Suggested Gross Wt	2800 lbs
Useful Load	1100 lbs
Standard Fuel Qty	70 gals (93 opt)
Wing Loading at Gross	19.31 lb/sq ft
Design Load Factors	+9/-7 G-Load
Tested Airframe Load	+6 G-Load
Cabin W/L/H	47.5" x 94" x 43.5"
Seating	2+2

### Velocity XL



Source: <http://www.velocityaircraft.com/the-airplanes.html>

## JANUARY'S MYSTERY AIRCRAFT



## AREA EVENTS



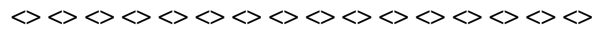
The events listed, as well as others, can be found at your AMA's Contest Calendar Site on the WWW: go to URL: <http://www.modelaircraft.org/events/calendar.aspx> or the IMAA site at <http://www.fly-ima.org/ima/events/index.html>

Others listed are from club newsletters or flyers

### RC Flea Market with Auction

2/07/10 - Export, PA (E) RC Flea Market with Auction. Site: Export PA Am Legion Hall. For Info: Gene Binduga PH:724-733-8106. From Tpk exit 6, follow US 22E 5.6 miles, take Cozy Inn Cut to Old Wm Penn Hwy, Hall is 1 ¼ mi east. Flea Market, Auction, frequent raffles, prize drawings, hot food, doors open 8am, adm \$3 tables \$10.

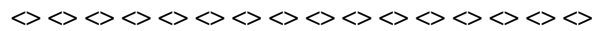
Sponsor: MURRYSVILLE AREA RC SOCIETY



### 30th Annual Radio Control Flea Market

3/13/10 - Lebanon, PA (E) 30th Annual Radio Control Flea Market. Site: Lebanon Fairgrounds Expo Site. For Info: Frank Titus PH:717-412-8579. Time 7am setup, 9am public, admission \$7 children under 12 free, aisle spaces \$11 wall spaces \$17 both are 5 ft long.

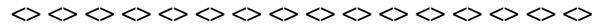
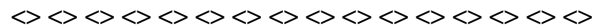
Sponsor: CENTRAL PENN AEROMODELERS ASSOC



### Tri County Wingsnappers Swap Meet

3/27/10 - Hamburg, PA (E) Tri County Wingsnappers Swap Meet. Site: Hamburg Field House. For Info: Michael Renzi PH:610-779-5818. Visit [www.tcws.org](http://www.tcws.org). vendor setup 7am, doors open to public 8am, admission \$5, table rentals wall \$12, aisle \$7, food available.

Sponsor: TRI-COUNTY WING SNAPPERS



Until next month,

Tim Mihalski, Editor

My E-Mail Address:

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## JANUARY'S MYSTERY AIRCRAFT



A mystery aircraft for you to ponder... you can read all about this mystery ship in February's issue of Contact...

## IMPORTANT REMINDERS...

### JANUARY CLUB MEETING

Monday 7:30 P.M. 01/18/10@Stahl American Legion Post

January 31<sup>st</sup>: Unpaid Members dropped from the Club Membership!

### FEBRUARY CLUB MEETING

02/01/10 Club Membership Late Fee Applies

Monday 7:30 P.M. 02/15/10@Stahl American Legion Post

### MARCH CLUB MEETING

Monday 7:30 P.M. 03/15/10@Stahl American Legion Post



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