



AMA #1256
2007 Club Officers
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 VP: Mike Hunter
 Treasurer: Elliott Smith
 Secretary: Tim Mihalski
 Editor: Tim Mihalski
 District IV AVP: John Kirchstein

Volume 34 Issue 1



Official Newsletter of the
FIRST STATE R/C CLUB

Established 1973 – An AMA Gold Leader Club
<http://www.firststaterc.org> 

JANUARY 2007

THE DECEMBER CLUB MEETING WAS CANCELLED



WRAM Show Bus Trip

The Club will sponsor the Annual Club Bus Trip to the 2007 WRAM Show in New York on Saturday February 24, 2007. Seats are available for \$35 per person plus WRAM Show admission of \$12.00. Additional details to be posted soon. Please contact Dick Stewart for reservations.

<http://www.wram.org/wramshow.html>

2006 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

REMINDER continued...

meeting, and the members have been given five (5) days prior notice along with an explanation of the assessment.

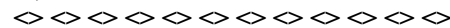
According to Club Treasurer Elliott Smith, as of January 11th, 10 Club Members have not submitted their 2007 Club Dues.

- Bass, Gene
- Blithe, Joe
- Bushey, William
- Haak, George
- Hauff, Tom
- Liberti, Mark
- Poore, Michael
- Smith, Jay H.
- Tesch, James
- Weidman, Bruce

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 15 meeting or mailed to the Club Treasurer, Elliott Smith 2908 Mattahoon Road, Wilmington, DE 19808



First State RC field from the air... courtesy of Joe Berry...



AREA EVENTS



Flea Market

4/28/07 - Scotland, PA (E) Flea Market.
Site: Scotland Community Center. For Info and adv.
registration: Pat Frederick, 805 Antrim Lane Greencastle,
PA 17255 pH:717-597-2200 Wall tables \$12, Aisle tables
\$10, includes 1 admission. Admission \$4. Vendor setup
8am. Gen Admission 9am to ???. Additional info on web site
at <http://home.comcast.net/~pmpattcom>.
Sponsor: CHAMBERSBURG MODELAIRES



Tips & Tricks Winter Wear

Here we are at the close of another flying season—for most of us anyway. We do have a few members who fly year round. But don't give up on the weather just yet.

The past several weekends have seen good flying weather and we should have several more before the cold really sets in. When the cold does come our way, you don't have to go into hibernation until spring; just be prepared for it.

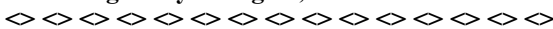
First, protect your body from the cold. I got myself a full cold-weather jump suit—you know the kind you see guys wearing at gas stations. In fact, my car mechanic got it for me.

Next thing is to protect your hands. Some fliers use transmitter gloves that cover both hands and the transmitter. Personally, I prefer gloves but I found that I couldn't feel the sticks and that bothered me, so I found a solution. I got a pair of hunting mittens.

They look like regular mittens, but the part that covers the fingers actually can fold back, presumably so you can fire a weapon. I just stick out one finger and my thumb to fly. Between flights, they join the other warm digits inside. Also, remember to keep batteries fully charged because they lose their charge faster in the cold.

—Rob Coniglio

The R.J. Hhog Roslyn Heights, New York



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

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January 25th... Bob McDonald



Aeritalia/Fiat G-91

In response to a 1953 NATO specification for a light strike fighter having rough field capability yet still be capable of 0.92 mach, Fiat proposed the F-86 Sabre inspired G-91.

Despite the loss of the prototype on it's first flight, an accident that would cause the French to refuse to purchase the aircraft, the G91 entered production for the Italian air force. While the design was intended to be used by all the NATO countries, only Italy and Germany eventually acquired the design.

98 G91R/1, 1A and 1B plus 76 G91T/1 were procured by Italy. Germany acquired 50 R/3, 44 T/3 and 50 R/4 while a further 294 were built by Messerschmitt (later MBB), Heinkel (later VFW-Fokker), and Dornier.

Type/Models:

G91R and Y - Single seat tactical recon fighter

G91T - Two seat weapon trainer

G91PAN - Single seat aerobatic display fighter

Origin: Fiat (Aeritalia)

First Flight:

Prototype: August 9, 1956

G91R: December 1958

G91Y): December 27, 1966

Final Delivery:N/A

Powerplant:

G91R, T and PAN:

Rolls-Royce Orpheus 80302 single-shaft turbojet

Thrust: 5,000 lb. (2268 kg.)

G91Y: Two General Electric J85-13A Single-shaft augmented turbo-jets

Thrust (Each): 4,080 lb (1850 kg) with full afterburner

Dimensions:

Wing span:

G91R, T & PAN: 8.57m (28 ft. 1 in.)

G91Y: 9.01m (29 ft. 6½ in.)

Wing Surface Area: 176.74 sq. ft. (16.42m²)

Length:

G91R & PAN: 10.31m (33 ft. 9¼ in.)

G91T & Y: 11.67m (38 ft. 3½ in.)

Height:

G91R & PAN: 4m (13 ft. 1½ in.)

G91T & Y: 4.43m (15 ft. 6 in.)

Stabilizer Span: N/A

Aeritalia/Fiat G-91 *continued...*

Weights:

Empty:

G91R: 3,300 kg (7,275 lbs.)

G91Y: 3,900 kg (8,598 lbs.)

Loaded:

G91R: 5,695 kg (12,500 lbs.)

G91Y: 8,700 kg (19,180 lbs.)

Performance:

Maximum Speed:

G91R: 675mph (1086km/h)

G91Y: 690mph (1110km/h)

Initial Climb:

G91R: 6,000 ft. (1829m) per minute

G91Y: 17,000 ft. (5180m) per minute

Service Ceiling:

G91R: 43,000 ft. (13106m)

G91Y: 41,000 ft. (12500m)

Combat Radius At Sea Level:

G91R: 196 Miles (315km)

G91Y: 372 Miles (600km)

Ferry Range:

G91R: 1,150 Miles (1850km)

G91Y: 2,175 Miles (3500km)

Armament:

G91R/1:

Four 0.5 in. Colt-Browning machine guns Ammunition: 300 Rounds for each gun

G91R/3:

Two DEFA 552 Cannon Ammunition: 125 Rounds for each gun

G91Y:

Two DEFA 552 Cannon Ammunition: 125 Rounds for each gun

Aeritalia/Fiat G-91 *continued...*

Bomb Load:

G91R/1:

Underwing racks for ordnance up to 500 lb (227 kg)

G91R/3:

Underwing racks for ordnance up to 1000 lb (454 kg)

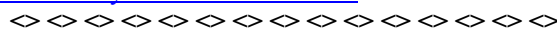
G91Y:

Underwing racks for ordnance up to 4000 lb (1814 kg)

Sources:

<http://www.warbirdsresourcegroup.org/LRG/fiatg91.html>

<http://www.sky-flash.com/freccce.htm>



First State RC field from the air... courtesy of Joe Berry...



Until next month,

*Tim Mihalski,
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