



AMA #1256
2012 Club Officers
 President: Chet Thayer
 VP: Ron Becker
 Treasurer: John Gardiner
 Secretary: Mike Hunter
 Editor: Tim Mihalski
 District IV AVP: John Kirchstein
Volume 39 Issue 6



Official Newsletter of the
FIRST STATE R/C CLUB
 Established 1973 – An AMA Gold Leader Club
<http://www.firststaterc.org>



JUNE 2012

UNOFFICIAL MAY MEETING MINUTES

Members in Attendance: John Gardiner, Joe Barry, Mike Hunter, Ron Becker, Tim Milhalski, Carl Carasino, Jose Rivera

Show and Tells:

There were not shows or tells.

MINUTES:

Call to Order:

- Vice-President Ron Becker called the meeting to order at 7:31 P.M.

Welcome: Ron Becker welcomed new member Jose Rivera to the club.

Reading of the Minutes:

- Mike Hunter summarized the minutes from the April meeting. The minutes were then accepted as summarized.

COMMITTEE Reports:

Treasury Report: John Gardiner gave the following report

Cash Balances: *Editor's Note: See Treasurer for all details*

Dues collected for 2012 total \$x.xx. The Club currently has 21 regular, 14 senior and 3 junior members. Membership for 2011 was 23 regular, 16 senior, and 4 junior members. The budget for 2012 was for 21 regular, 16 senior and 3 junior members.

Receipts for the four months of 2012 total \$x.xx. 97.8% of the receipts are from dues assessments. The only receipt for the month of April was interest of \$0.17.

Disbursements for the four months of 2012 total \$x.xx. The disbursements for April were \$x.xx. They were for \$xx.xx for sanitation, \$x.xx for website and \$x.xx for field maintenance. The report was accepted as given.

Safety Report: There was no safety report. However it was noted that some members are retrieving planes from the various water ponds surrounding our field. Members need to be reminded that we do have an inflatable boat in the shed to use if necessary. More importantly, members should not attempt to retrieve planes from the various water sites or trees without assistance from other member of club. Additionally, it was noted that there is still an open area by the pits that is not protected by shrubbery growth or a PVC barrier.

MEETING MINUTES continued...

- **Field Report:** Joe Barry reported that Kim Brown applied some weed retardant to the field. Thank you Kim for the application and doing the work. Ron Becker also informed the members present that he would donate some more PVC pipe to build another section of barrier to close the open section described in the safety report. John Gardiner also reported that he and other retired members are cutting the field. However, he requested that other members could help keeping the complex looking good by running the trimmer around the complex on Saturdays when they are at the field. The Club weed-wacker is working and we have gas.

OLD Business

- **Building Projects:** Mike Hunter mentioned that he and John began looking at the Pin Board. He and John will measure the board and determine the wood and hardware requirements. Carl Carasino also interjected that the need for a radio impoundment area may not be a requirement in the future if everyone goes to the new multi spectrum band. Ron Becker also said he would try to get some more of the Kevlar rolls that could potentially be used for helicopter or electric park flyer take off and landing surface.
- **Fun Fly:** A big thanks to Frank Donnelly for again organizing and running the Fun Fly event this year. It was held May 19th at the field. There were three flying events: Touch and Go, Ring Delivery, and Loop, Roll, Balloon Bust. Carl Carasino won the overall individual event standings. Please look at the June news letter for a more detail summary of the activities.

New Business

- **Demonstration Planes:** Joe Barry reported that Craig Reynolds donated a Futaba 6C transmitter to the club. This will help bring us back to where we were when we had three radios and airplanes. Additionally, these planes and radios are for all members of the club to use. Their primary purpose is not for training new pilots but to use as a demonstration plane for a perspective member or if a member wants to fly and has no

MEETING MINUTES *continued...*

available planes.

- **Donations for Deceased Members:** It was sad to report that Randy Weaver and long time member of the Club passed away since our last meeting. This is the second passing of a member this year. The members discussed what might be the appropriate gesture for recognizing the passing of members of the club and that we follow this process in the future. It was decided that the club would make a \$25 donation for each individual to a worthwhile charity in the name of the deceased member, but the club would also collect donations from club members for each deceased member. Please make any donations for our contributions for George and Randy to John Gardiner.
- **June Meeting Moved:** The June meeting is being moved from Stahl Post to the flying field. Stay alert for an e-mail message announcing the time and possible activities that may occur during the meeting.

Adjournment

The meeting adjourned at 8:11 pm.



Respectfully Submitted,
Mike Hunter
Secretary
First State R/C Club



Silhouettes

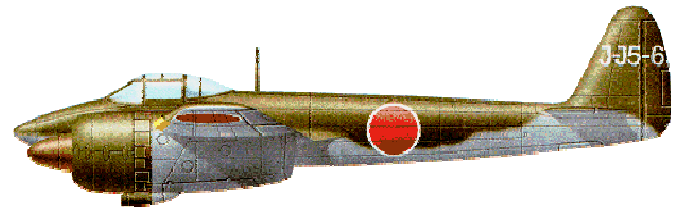


OK, you've seen the mystery planes that I have come up with in the last couple years. Many of you have tried to guess the planes before, but I think many people felt left out because they either felt that the planes were too tough or too easy.

So here is a little challenge that everybody can take part in. Here are sixteen silhouettes of WWII vintage airplanes. Many of them are easy. Some are tougher. Let's see how many you can guess.

I will put the answers in next month's issue.

MAY'S MYSTERY AIRCRAFT



Nakajima J5N1 Tenrai

Role: Interceptor

Manufacturer: Nakajima Aircraft Company

Designer: Katsuji Nakamura, Kazuo Ohno

First flight: July, 1944

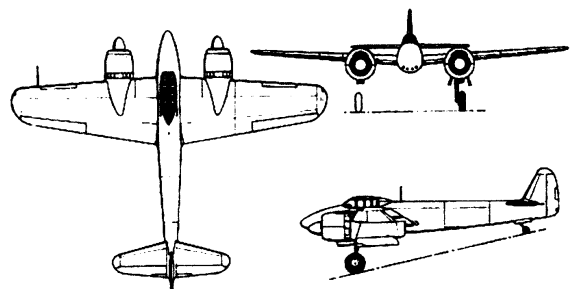
Primary user: Imperial Japanese Navy

Number built: 6

During the spring of 1943, the JNAF issued an 18-Shi specification for a single-seat twin-engine interceptor capable of reaching a top speed of 666 km/h (414 mph) at 6,000 m (19,690 ft). Nakajima submitted a proposal based on the earlier J1N1 Gekko three-seat night fighter, although this new aircraft – designated J5N1 – was slightly smaller. The layout of the J5N was similar to the J1N: a low set wing on which were mounted the two powerplants, 1,484 kW (1,990 hp) Nakajima Homare 21 18-cylinder air-cooled radial engines, with a long fuselage ending in a conventional tail arrangement. For maximum utilization of the power from the twin engines, large four-blade propellers were fitted which also featured large spinners (as fitted to the J1N). The main wheels retracted rearwards into the engine nacelles, and the tailwheel was fixed. The cockpit was set above the wing, and featured a starboard-opening canopy. The nose was streamlined to offer the pilot an excellent forward view during landing, take-off and taxiing.

The armament of the J5N consisted of two 30 mm and two 20 mm cannon, and provision was made for a centreline 250 kg (550 lb) bomb. The J5N was designed to combat the heavily armed US fighters in the Pacific Theatre at that time, and this impressive armament would have done severe damage to these aircraft. To concentrate the firepower, the four cannons were mounted in the nose of the J5N.

Impressed with the design, the JNAF authorized the development of the J5N1, assigned the name Tenrai ("Heavenly Thunder"), and six prototypes were requested to be built. The first prototype – lacking its armament – made its first flight July 13, 1944, and was something of a disappointment. The top speed attained was only 597 km/h (371 mph) – far below the specified 666 km/h (414 mph) of the requirement. Despite the other five prototypes flying as well, with numerous enhancements, the aircraft never achieved its design speed, and the project was abandoned soon after.



MAY'S MYSTERY AIRCRAFT continued...

Variants

J5N1 : Single-seat interceptor fighter aircraft. Six built.

Specifications (J5N1)

This aircraft article is missing some (or all) of its specifications. If you have a source, you can help Wikipedia by adding them.

General characteristics

Crew: one, pilot

Length: 11.46 m (37 ft 7 in)

Wingspan: 14.00 m (45 ft 11 in)

Height: 2.38 m (7 ft 9 in)

Wing area: 32 m² (344 ft²)

Empty weight: 5,195 kg (11,429 lb)

Loaded weight: 7,350 kg (16,170 lb)

Powerplant: 2 x Nakajima Homare 21 18-cylinder radial engines, 1,485 kW (1,990 hp) each



Performance

Maximum speed: 619 km/h (387 mph)

Rate of climb: 900 m/min (2,950 ft/min)

Wing loading: 230 kg/m² (47 lb/ft²)

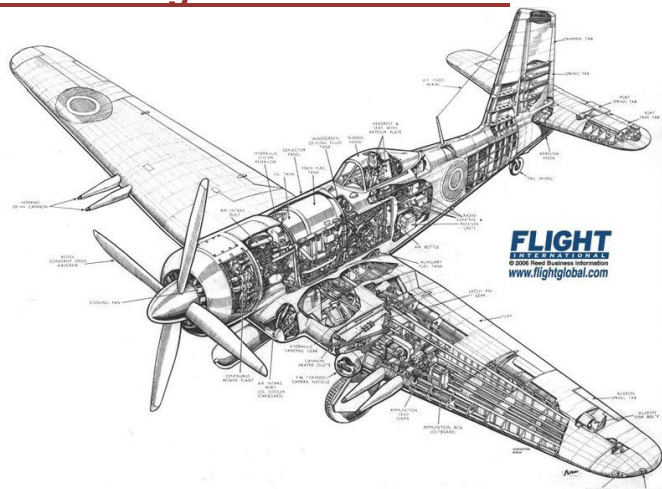
Power/mass: 0.40 kW/kg (0.24 hp/lb)

Armament

2 x 30 mm cannon and/or 2 x 20 mm Type 99-2 cannon

1 x 250 kg (551 lb) bomb

Interesting artist rendition....



Brian Pasternak	6/02	Steve Nowak	6/12
Frank Donnelly	6/14	Anthony Gambacorta	6/14

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

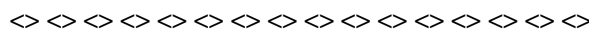
6/9/2012 -- Bear, DE (A) LUMS POND IMAC CHALLENGE.

Site: Club Field. Mark McQuaide CD PH: 610-255-3983

Email: markmcquaide@verizon.net. Visit:

www.delawarerc.org. Events 411-414(JSO).

Sponsor: DELAWARE RC CLUB



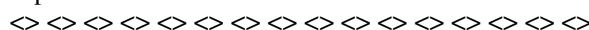
6/9/2012 - 6/10/2012 -- Newark, DE (A) ESL- SKSS SOARING CLASSIC.

Site: White Clay Creek State Park. Anthony Guide CD PH:

717-870-9684 Email: tonyg66@yahoo.com. Visit:

www.skss.org. Event 444(O). SKSS field, White Clay Creek Park, Paper Mill/Smith Mill Rd.

Sponsor: SILENT KNIGHTS SOARING SOCIETY



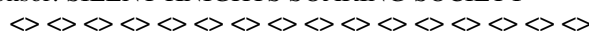
6/29/2012 - 7/1/2012 -- Newark, DE (C) SKSS WOOD WINGS AEROTOW.

Site: Big Pond Field. William Groft CD PH: 610-255-4844

Email: bill@eft-inc.com. Event is exclusively for vintage

sailplane of wooden construction. Wood wings only - fiberglass fuselages where applicable are okay.

Sponsor: SILENT KNIGHTS SOARING SOCIETY



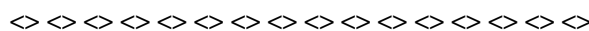
6/16/2012 -- Hagerstown, MD (C) THE PEGASUS FLIGHT FOR CANCER.

Site: Club Field. Richard Marquiss CD PH: 240-347-6214

Email: marquiss@myactv.net. Visit:

www.pegasusrc.com/cancer. Fly with us in the fight against cancer! Our field will be open to any AMA member for a minimum landing fee of \$10. A substantial prize will be awarded for the largest donation. There will be raffles, food vendors and fun things for kids to do. All proceeds go to the local cancer center's patient emergency fund.

Sponsor: PEGASUS RC AIRPLANE CLUB

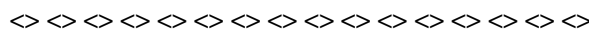


6/23/2012 -- Laurel, MD (C) AIRPLANES OF THE WORLD VIII.

Site: Club Field. Kirk Adams CD PH: 443-995-2962 Email:

kirk@wheek.org. Visit: www.freestateaeromodelers.org. Scale model fly in. Any type of scale or stand-off scale aircraft is welcome. Please come join us.

Sponsor: FREE STATE AEROMODELERS



6/23/2012 -- Bridgewater, NJ (C) WARBIRDS OVER NORTH BRANCH.

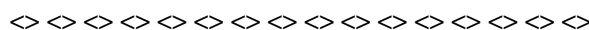
Site: North Branch Park. David Rollino CD PH: 908-273-9110

Email: djrmr@verizon.net. Visit:

www.somersetsignalsenders.org. All warbirds welcome glow, gas, electric. Sorry no turbines. \$5 hangar fee, food on site.

Raffles, prizes, 50/50, grass field, free parking.

Sponsor: SOMERSET SIGNAL SENDERS



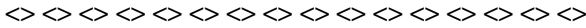
AREA EVENTS



**6/9/2012 - 6/10/2012 -- Quakertown, PA (C-Restricted)
HAROLD WEIL MEMORIAL GIANT SCALE FLY IN.**

Site: Club Field. Travis Moyer CD PH: 267-374-3255 Email: tsmdmm@comcast.net. Visit: www.buc-le.org. Field is 1000x250' smooth grass runway. Primitive RV parking, food concession. Hotel lodging nearby. No landing fee. Registration 8AM, flying 9AM to 5PM Sat, 9AM to 3PM Sun. After 12 noon Sunday any size airplane allowed. Vendors welcome.

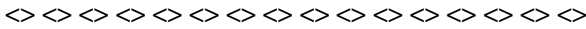
Sponsor: BUC-LE AERO SPORTSMEN



**6/16/2012 -- Oxford, PA (C)
BUY AND FLY FUN FLY.**

Site: West Field. Mike Denest CD PH: 610-316-3570 Email: mjd12k@yahoo.com. Visit: www.cloudkingsrc.org. General RC fun fl and tailgate swap meet at the Cloud Kings West field flying site. Pilots and vendors are welcome to spend a day at the field to "buy it here or fly it here". Free pilot registration, vendor slots \$5. Lunch available at the field for a donation. All AMA members are welcome to fly, buy or just come out and enjoy the day.

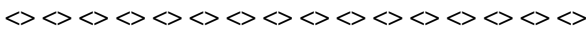
Sponsor: CLOUD KINGS RC CLUB



**7/11/2012 - 7/15/2012 -- Kirkwood, DE (C-Restricted)
WARBIRDS OVER DELAWARE.**

Site: Lums Pond State Park. David Malchione CD PH: 610-357-6649 Email: bvmjpo6@aol.com. Visit: www.delawareerc.org. Landing fee \$25, includes park fee and dinner. Reg 8AM, fly 9AM. RVs with park fee. SF GR 150'x900', food and bev Fri to Sun. Limited to giant scale military aircraft in military paint scheme. From I-95 in DE take 896S, go 6.2 miles to Rt 71, make a left, the field is on left.

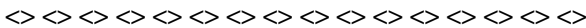
Sponsor: DELAWARE RC CLUB



**7/27/2012 - 7/29/2012 -- Kirkwood, DE (C)
HELIS OVER DELAWARE.**

Site: Lum'S Pond State Park. Robert Chapman CD PH: 410-885-2678 Email: bobchap@verizon.net. Visit: www.delawareerc.org. Helicopter fun fly for all! A traditional east coast event with food, fun, contests and prizes.

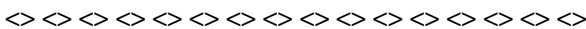
Sponsor: DELAWARE RC CLUB



**7/14/2012 -- Bridgewater, NJ (C)
DAWN PATROL MULTI WINGED.**

Site: North Branch Park. David Rollino CD PH: 908-273-9110 Email: djrmmr@verizon.net. Visit: www.somersetsignalsenders.org. All multi-winged aircraft welcome glow, gas, electric. Sorry no turbines. \$5 hangar fee. Food on site, raffles, prizes, 50/50, grass field, free parking.

Sponsor: SOMERSET SIGNAL SENDERS



AREA EVENTS

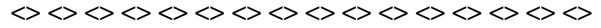


7/28/2012 - 7/29/2012 -- Quakertown, PA (C-Restricted)

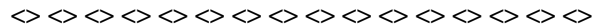
WARBIRDS OVER PENNSYLVANIA/JIM SIMMONS MEMORIAL.

Site: Club Field. Donald Wolfe CD PH: 610-737-0016 Email: tsmdmm@comcast.net. Visit: www.buc-le.org. Field is 1000x250' smooth grass runway. Primitive RV parking, food concession, hotel lodging nearby. No landing fee. Registration 8AM, flying 9AM to 5PM Sat, 9AM to 3PM Sun. After 12 noon Sunday any size warbird allowed. Vendors welcome.

Sponsor: BUC-LE AERO SPORTSMEN



JUNE'S MYSTERY AIRCRAFT



Tough way to make a living....



Until next month,

Tim Mihalski, Editor

My E-Mail Address:

MIHALSKI@COMCAST.NET

JUNE'S MYSTERY AIRCRAFT



A mystery aircraft for you to ponder...
you can read all about this mystery ship in
the July/August/September issue of
Contact...

IMPORTANT REMINDERS...

JUNE CLUB MEETING

Monday 7:30 P.M. 06/18/12@ Stahl American Legion Post

JULY AND AUGUST – NO CLUB MEETINGS

SEPTEMBER CLUB MEETING

Monday 7:30 P.M. 09/17/12@ Stahl American Legion Post



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