



SANDERSON FIELD R.C. NEWS



CHARTER NO. 3079

Runway closures posted on web site

CLUB MEETING

*This months meeting will be held
on Thursday **Mar 14th.***

*at PUD #3
**2621 E Johns Prairie-
eRoad, Shelton, WA***

Minutes were read and accepted as read.

No Treasurers report.

April 13th will be the club swap meet, held in the Shelton High School Sub from 9 to 12. Setup at 8.

The board discussed First person view flying and decided it can't be allowed at Sanderson field. Allowing it at the Hunter farms site was discussed by members at the meeting. Dick Robb motioned to ban FPV flying at either site, the motion was amended by Darcy Neibeling to revisit the ban once the AMA has concrete rules on FPV, seconded and passed.

Tom Strom reminded everyone that a spotter is required when flying

at Sanderson. The spotters job is to watch for full sized aircraft and jumpers. Spotters are required to be on the flight line with the pilot.

There has been some confusion on the pilot certification, we have 1 year from program start to get everyone certified. This means everyone not still in a training program must be certified by the end of December 2013.

July 13th is on the Ports calendar for our Fun Scale fly-in. Tom Jr. will make flyers for our web site and distribution. Bob Beatty brought up the sanction paperwork, Dick Robb and Tom Strom will do that. Darcy Neibeling motioned to add the extra 2 million in insurance for an extra \$20 making it \$40 for the sanction. Motion seconded and passed.

Steve Grout brought up the South sound regional swap meet idea brought to our attention by Dick Robb last month, which is to get the "local" clubs together and have 1 big swap meet instead of a bunch of small ones. He also volunteered to help organize. Tom Strom has

talked to Tom Martin about getting the clubs together. After discussion Darcy Neibeling motioned to get together with TCMAA and get the ball rolling. Seconded and passed.

Tom Jr. talked about the trainer acquisition, the club authorized \$600 to fund two trainers. We ended up with 4 ready to go by going over that \$600 by \$139. Dick Robb motioned to have the club pay the out of pocket expenses (\$139) for the 4 trainers. seconded and passed. This was paid out of the funds gained at Monroe. The club is looking for someone to be the caretaker of one of the trainers.

Tom Jr. has been checking into indoor flying sites and has found the school district will let us use any gym in the district for \$10 an hour on WEEK NIGHTS. It's \$40 an hour on weekends. There are 8 or 10 people interested, Shelton High school gym is probably the best. Jr. will try to set something up for next week. Marc Wenz motioned to have the meetings in the gym and fly before the meetings. Concern was raised about the school schedule and also about loosing the second Thursday of the month date with the PUD. Tom Jr. will check into using the gym for meetings.

CLUB MEETING CONTINUED

Dick Robb motioned to have a set fee for each flyer of \$5. Have the club pay the School and have any excess from attendee's go to the club treasury. seconded and passed.

Tom jr. reported on the Monroe sales of donated large scale and free flight stuff. After paying the overage on the trainers the club ended up with \$1293.

Darcy Niebeling reported that AJ ended up selling his shed.

Ken Nelson has found a possible mower in Tacoma, He and Bob Beatty will go look at it. John Tupper has also found a mower

in Chehalis. Tom Strom and Bob Beatty will look at that one also.

Steve Grout noted that it almost a sure thing to have a mower stolen at our field if we put one there, Dick Robb motioned that we find an alternative location to store a mower if we get one and also get a trailer so anyone could use it. Seconded and passed. Bob Andrew said we could use his place.

A motion was made to give authorization to purchase a mower for \$1000 after inspection. Seconded and passed.

Gordie Osberg reported on the

condition of Hunter's. The Field is in pretty good shape right now with NO standing water, the grass is fairly short and could be mowed after a few dry days.

Hunters has told us no weed killer at our field.

Meeting adjourned at 8:15

FPV flying is getting a lot of attention lately and has been banned by both local clubs, The Sanderson Field RC flyers and the Lake Nahwatzel float flyers. The next page is AMA's recommendations on FPV (First Person View) flying.

\$\$ For Sale \$\$

Contact Tom Jr. Strom flyboy23e@aol.com

Great Planes Matt Chapman CAP 580 .46 Size. This airplane is discontinued and hard to find. Built but never flown! \$200.00 Set up for standard size servos, includes switch with charge jack, and Great Planes Quick Fuel Valve.



New in Box VQ Hawker Hurricane .46 ARF. Gorgeous airplane with nice markings and panel line details. Will accept retracts! \$150.00



Great Planes Mr. Mulligan Electric ARF. For sale two ways. First, ready to fly minus RX for \$500.00. This includes HiTec HS81 servos on all surfaces except for flaps which have HiTec HS225MGs. Eflite Pro 60 amp ESC, and a Turnigy Easy Match 32 motor. Second is airframe only with the flap servos for \$275.00.



Great Planes Minnow .60 ARF. This ARF is also discontinued, but this one is one of a kind. Aircraft completely redone in Harley Davidson colors. Aircraft is covered in orange and black monocote with aluminum trim. Fuse is painted with matching orange and black PPG auto paint and also features aluminum trim. Bottom of aircraft is orange with Ultracote Carbon Fiber checkers all hand cut and ironed on one by one. Custom painted matching scale pilot finishes off this one of a kind airplane. Also includes a scale aluminum spinner. Airplane has less than 10 flights!! This is a show quality aircraft! For sale two ways. One, ready to fly with all HiTec servos, 2000 mah 4.8v RX pack, and OS .91 four stroke for \$650.00 Second, airframe only with switch and charge jack for \$300.00.



Academy of Model Aeronautics AMA Document #550

FPV (first person view)

“AMA Advanced Flight Systems Committee”

amaflightsystems@gmail.com

Radio Controlled Model Aircraft Operation Utilizing “First Person View” Systems

1. DEFINITION OF TERMS:

Please refer to Page 5 section 7 which contains an alphabetical listing of the definitions of the terms in italics that are used in this document.

2. GENERAL:

FPV flying of radio control model aircraft by AMA members is allowed only for noncommercial purposes as a hobby/recreational and/or competition activity and must be conducted in accordance with AMA’s current National Model Aircraft Safety Code and any additional rules specific to a flying site/location.

3. OPERATIONS – REQUIREMENTS – LIMITATIONS:

a) AMA FPV novice pilots must use a buddy-box system with an FPV spotter while learning to fly FPV.

b) All FPV flights require an AMA FPV pilot to have an AMA FPV spotter next to him/her maintaining VLOS with the FPV aircraft throughout its flight.

c) The FPV pilot must brief the FPV spotter on the FPV spotter’s duties, communications and hand-over control procedures before FPV flight.

d) The AMA FPV spotter must communicate with the FPV pilot to ensure the FPV aircraft remains within VLOS, warning the FPV pilot of approaching aircraft, and when avoidance techniques are necessary.

e) The FPV spotter may at any time during an FPV flight acquire the transmitter from the FPV pilot and

assume VLOS control of the model aircraft.

f) If the FPV pilot experiences a problem due to a loss of video link, orientation, or is unable to safely fly, he/she must abandon FPV mode and fly VLOS or pass the RC transmitter to the FPV spotter to assume VLOS control of the model aircraft.

g) Before the initial FPV flight of an FPV model aircraft and/or after any changes or repairs to essential flight systems, the FPV model aircraft must have an R/C test flight by conventional VLOS.

h) FPV model aircraft must use frequencies approved by the FCC for both the RC system and the wireless video system. Pilots must meet applicable FCC licensing requirements if they choose to operate the RC flight control system or the wireless video system on Amateur Band frequencies.

4. RANGE – ALTITUDE – WEIGHT – SPEED:

a) One of the requirements in Federal Law (Public Law 112-95 Sec 336 (c) (2) February 14, 2012) for model aircraft to be excluded from FAA regulations is that model aircraft must be flown within VLOS of the operator.

b) Model aircraft flown using FPV must remain at or below 400 feet AGL when within 3 miles of an airport as specified in the AMA Safety Code.

c) Model aircraft flown FPV are limited to a weight (including fuel, batteries, and onboard FPV equipment) of 15lbs. and a speed of 70mph.

5. RECOMMENDATIONS & INFORMATION:

a) AMA FPV novice pilots should consider using a cockpit view

flight simulator to become accustomed to FPV flight.

b) AMA FPV pilots should consider using a programmable autopilot (AMA Document #560) with a failsafe “return to launch” (RTL) feature that will maintain control of the aircraft in the event of signal loss.

c) An onboard camera equipped with a pan and tilt mount that is positioned by head tracking goggles, will improve the FPV pilot’s situational awareness of airspace surrounding the FPV aircraft during flight, but does not replace the requirement for an AMA FPV spotter.

d) When purchasing FPV operational systems, always try to select quality equipment, verify its compatibility, install components for interference rejection, and determine that signal range is adequate for maximum VLOS range.

6. PRIVACY PROTECTION SAFEGUARDS:

The use of imaging technology for aerial surveillance with radio control model aircraft having the capability of obtaining high-resolution photographs and/or video, or using any types of sensors, for the collection, retention, or dissemination of surveillance data information on individuals, homes, businesses, or property at locations where there is a reasonable expectation of privacy is strictly prohibited by the AMA unless written expressed permission is obtained from the individual property owners or managers.

I have omitted the 3rd page of this document, (definition of terms), in the interest of space. You can find the whole document (550) on AMA’s website if you wish to see those definitions. ed.

HobbyTown Specials

402 Garfield Street, Tacoma WA 98444 (253) 531-8111

\$20 off any Seagull products model in stock

Present club card to get specials

The club's new Troybuilt 42" riding mower and Trailer.

This addition to the club was purchased with funds from donated large scale planes and some donated free flight planes and accessories that were taken to the swap meet at Monroe this year with almost \$300 left over. We're still looking for some covered winter storage. Bob Andrew has volunteered to host the mower in the summer.

If you want to volunteer or have any ideas let me know or come to the next meeting.



Bob's houes isn't too far out of the way from Hunters, when we work out the details we'll let you know. The idea is that if the field needs mowing there is a mower available.



DUES ARE \$75 IF PAID BEFORE JAN 1ST, \$100 THEREAFTER.

IF YOU PAY BY MAIL SEND YOUR DUES, PROOF OF 2012 AMA MEMBERSHIP AND A SELF ADDRESSED STAMPED ENVELOPE TO THE TREASURER:

**CHUCK KENTFIELD
3122 Madrona Beach Rd.
Olympia WA 98502**

Make checks payable to SFRCF

CLUB OFFICERS

President.....	Tom Strom.....	(360)350-0181
Vice President	Burt Daggett	(360)427-6653
Treasurer	Charles Kentfield	(360)866-9473
Secretary	Bob Beatty	(360)426-5601
Safety Officer	John Tupper	(360)426-6383

BOARD MEMBERS

Board Member	Tom Strom	(360)350-0181
Board Member	Jody Diaz.....	(360)427-6102
Board Member	Stacy Myers.....	(360)426-9367
Board Member	Bob Beatty	(360)426-5601
Board Member	Burt Daggett	(360)427-6653
Alt Board Member	Bob Mason	(360)426-9256
Alt Board Member	Chuck Kentfield	(360)866-9473

March 2013

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
24	25	26	27	28	31	2
3	9:00 AM RC Breakfast	SFRCF Board meeting	6	7	8	Runway closed
10	11	12	13	SFRCF Club meeting	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	Non profit...g for RC Club	9:00 AM RC Breakfast	SFRCF Board meeting	3	4	5

One closure this month, the calendar could change. Check the website before heading to Sanderson field

<http://sfrcf.quintex.com/event/events.html>

Club Scheduled Events for 2012

Event dates in black are scheduled. Events in gray are complete.

The new contract allows us to schedule non-exclusive days again, however if the car clubs don't go to the new track we may not keep many.

January 1st 9:00 amFirst fly of the year - Sanderson field - Locks will be changed!
 April 13th Club Swap meet Shelton High School Sub 9-12
 July 13th..... Fun Scale Fly-in
 Aug 24th-25th North South Shoot out - Pylon race
 December 12th Christmas Party

dues are \$100.00 on January 1st and after

Check out our web site at <http://sfrcf.quintex.com>