



SANDERSON FIELD R.C. NEWS

Happy New Year



CHARTER NO. 3079

CLUB MEETING

*This months meeting will be held
on Thursday January 11th at 7:00
p.m.*

at PUD #3

At 3rd & Cota

The Christmas party went very well, storm and all.

I hope everyone has power again.

Shortly after we started eating the power went off and the emergency lights came on. We could still see so continued enjoying the night. You couldn't even tell anything was going on outside. After a few minutes the lights came back on. Everything was back to normal, it wasn't until we went out to take things back to the cars that we noticed the whole town was dark... except the PUD building. They were, of course, very busy already even though the wind hadn't started until about 4:00 pm. Today, the day after, no one has power but the casino. Did we pick a great place for the party or what!

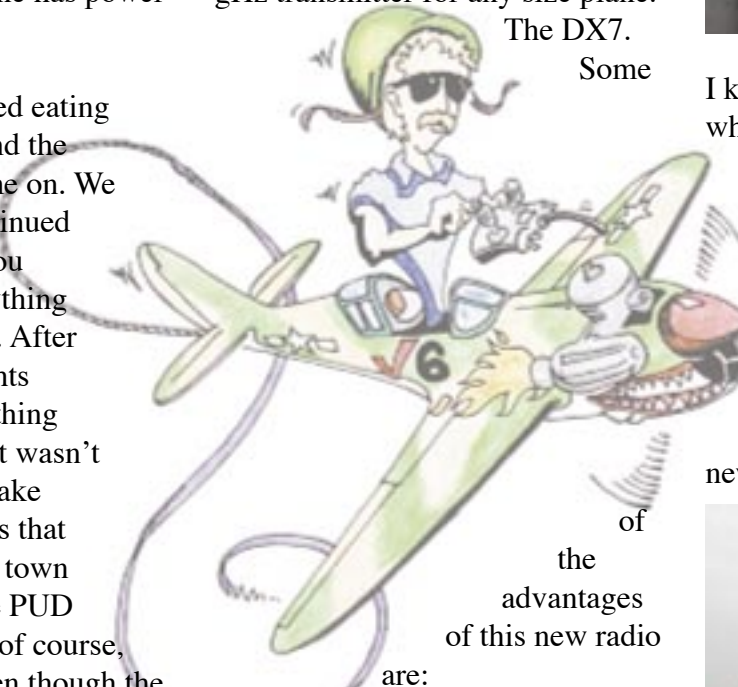
Check out the tentative dates for events on page 5. These dates have

not been presented to the Port yet because we still haven't heard wether or not our lease has been renewed. If you would like to add something, let us know.

If you haven't heard yet Spektrum has introduced a new full range 2.4 GHz transmitter for any size plane.

The DX7.

Some



Model Match: This feature will not allow you to fly the wrong model.

No more frequency problems: When you turn on the transmitter, it scans the 2.4 GHz band and locks on to two channels that are not in use.

Continued on page 5.

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BURT

I know of a couple of die hards who made it out for the first fly of the year. Bob Beatty and Burt Daggett each got 1 flight in before getting too wet. Joe Lewis came up and changed the lock combinations on the shed and port-a-potty. The main gate is still the same. Check your 2007 card for the new numbers.



BOB

Custom F6F Tail wheel retract (continued)

Next we'll get the soldering iron out and put all this together.

One note on the wheel, I used the stock kit supplied wheel because it was very light and sturdy. When you cut the small plate just above the wheel forks you need to make it wide enough to accommodate your wheel. Keep in mind that the fork pieces will mount on the bottom of the small square piece, not on the side.



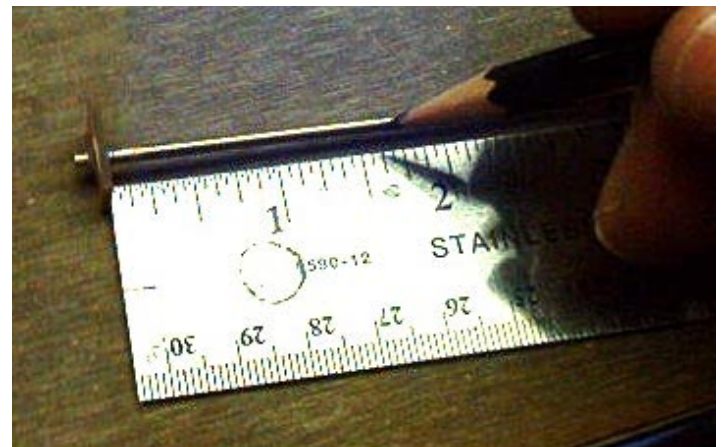
In order to build this tail wheel as close to straight as possible you are going to have to assemble some basic jigs. We shall start with the wheel yoke in assembling our parts. Notice in the first picture that I cut a slab of balsa to the proper width to allow the fork pieces to rest on the bottom of the top square piece. For the axle I'm using 3/32" brass tube, the inner axle that I'll show you later is 1/8" brass tube. Anyway, drill a hole all the way through so that you can insert the brass axle. Use some pins to help secure the pieces further.



Next find the center of the top piece so that you can drill a hole for your steering rod. I'm going to use the 3/32" brass tube for a steering rod, I used 1/8" on my other one but I think it was overkill. Use whatever you think your tail wheel will need. I'm trying to save weight also wherever I can.



Solder your steering rod to the centerpiece.



Cut the steering rod to a length of 1 5/8".

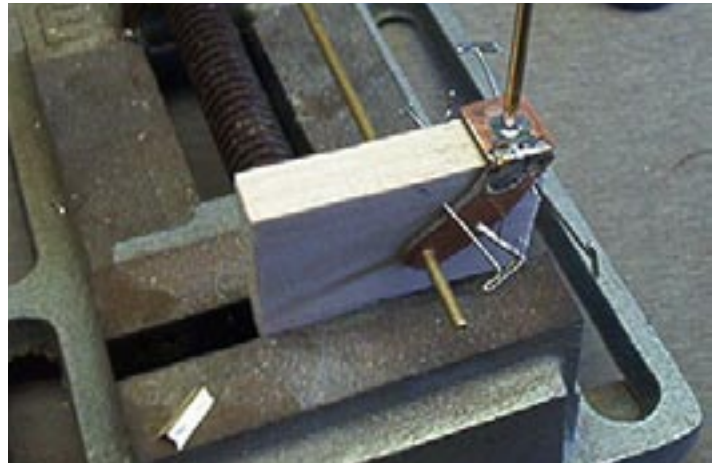


Use some medium CA to glue the steering rod piece to the top of the jig. Just use a small amount of glue on the end of the steering rod, try not to get it all over.

Custom F6F Tail wheel retract (continued)



Now when you lay the small brass angle piece on the solder and touch it with your soldering iron the solder will melt and pull the piece to the parts.



Then hit the outer surface with some solder.

Now a soldering trick, lay down two small drops of solder on both the fork and the top piece.

CRASH: A QUICK METHOD OF REMOVING RADIO AND ENGINE FROM A MODEL TO FIT THEM INTO YOUR NEW ONE. SYNONYM FOR “REKITTING” YOUR MODEL. A METHOD FOR SEEING WHAT’S INSIDE YOUR AIRPLANE.

CYANOACRYLATE: A SPECIAL GLUE, DESIGNED TO INSTANTLY GLUE YOUR FINGERS TOGETHER. A SPECIAL GLUE, INSTANTLY BONDING MISALIGNED PARTS, WILL HARDLY IF AT ALL, CURE WHEN PARTS ARE CORRECTLY ALIGNED. A SUBSTANCE USED TO MAKE YOUR EYES WATER PROFUSELY AT POINTS OF CRITICAL CONSTRUCTION.

CLUB OFFICERS

President.....	Jody Diaz.....	(360)427-6102
Vice President	Dick Robb.....	(360)427-4521
Treasurer.....	Charles Kentfield	(360)866-9473
Secretary	Bob Beatty	(360)426-5601
Field Marshall.....	Charles Kentfield	(360)866-9473
Safety Officer	John Tupper	(360)426-6383

BOARD MEMBERS

Board Member	Jody Diaz.....	(360)427-6102
Board Member	Dick Robb.....	(360)427-4521
Board Member	Stacy Myers	(360)426-9367
Board Member	Bob Beatty	(360)426-5601
Board Member	Dave Southwick	(360)426-2869
Alt Board Member	Bob Mason	(360)426-9256
Alt Board Member	Chuck Kentfield	(360)866-9473

Custom F6F Tail wheel retract (continued)



I use a small nut drilled out to help center the brass tube that mounts to the top of the yoke. It's the smaller diameter brass tube.



Solder the brass tube on and try to keep it as straight as possible. Try not to get solder all over the tube, if you do use a small file to smooth it out.



For the small brass wheel fairing you are going to need to use a small piece of heavier brass sheet to help stiffen it. Again, first add a few beads of solder then lay the extra piece down and hit it with the soldering iron.



Before you solder the brass wheel fairing on, make sure your aluminum upper fairing matches and adjust as necessary. I just cut the front ring of the brass off so that I could adjust it easier.



Solder the fairing on. Do not solder the sides yet, that will be a final adjustment item after the wheel is fully assembled.

***IF YOU HAVEN'T PAID YOUR DUES YET
IT'S AFTER JANUARY 1ST NOW AND
DUES ARE \$40.***

***IF YOU PAY BY MAIL SEND YOUR DUES,
PROOF OF 2007 AMA MEMBERSHIP
AND A SELF ADDRESSED STAMPED EN-
VELOPE TO THE TREASURER:***

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

Make checks payable to SFRCF

Spektrum DX7 (continued)

It locks on to two channels because it uses two receivers.

You can see the antenna are very short so no antenna outside the fuselage. The



antenna on the transmitter is also short and doesn't collapse. It does fold over to help it fit into a case.

Reduced Latency: latency has been greatly reduced and, in fact, the system offers faster response time than any brand of 72MHz PCM system.

Almost 6 hours of flight time:

The DX7 comes with a 1500 mHz transmitter battery so you can fly more planes on a single charge.

Model generated noise:

2.4 GHz is also well above the noise generated models so those long servo leads, metal on metal

connections and other RF noise generated by the model doesn't cause glitches.

The DX7 is a seven channel radio so if you need more than that it may not be the radio for you. I've read the DX7 is basically a JR 7202. It has a 20 model memory. You'll have to buy more AR7000 receivers for your other models at \$100 each. The receiver does work with any 3 wire servo.

Everything I've read lead me to ask Santa for one (Thank you Santa) and I know of at least one other club member who has one already. I'm sure we'll have to come up with something to let people know that someone flying with this radio can't possibly cause interference

with *anyone* else. The transmitter doesn't come with a frequency flag like other transmitters do.

AMA's Position:

The AMA's testing shows the technology works and works well and is making model aviation safer and more convenient for the modeler. The DX7 is legal for AMA sanctioned events and any AMA flying field. The only AMA restrictions are the same as recommended by the manufacturer. The AMA is recommending that local clubs create a group of pins especially for spread spectrum so that members stay in the habit of getting a pin when they go back to a 72 mHz system. They have nothing bad to say about it at all.

I'm really looking forward to checking this thing out!

BELOW ARE THE SCHEDULED EVENTS FOR 2007

(Tentative) Club Scheduled Events for 2007

- January 1st.....Annual first fly of the year
- April 14thSanderson Field RC flyers annual swap meet 9:00 to 12:00 SHS Sub
- May 12th or 26thFly-In - 9:00 a.m. to ?????
- June ???Forest festival Parade float
- June 9th.....Display at Walmart
- June 10th.....Public Fly-In
- July 14th.....fly-in - 9:00 a.m. to ?????
- August 18th.....Scale fly-in - 9:00 a.m. to ????
- September 15th.....Fly-In 9:00 a.m. to ????
- December ????.Christmas Party

These dates are subject to change. If you want input on any of these dates now is the time.

It's time for 2007 dues, which are now \$40.00 .

You can pay your dues before you get your 07 AMA card but you won't get a club card till you get the AMA card.

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