

# ***THE BEACON***

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AUGUST 2010

**MIRAMAR**



1985

2010

*Radio*

*Control*

**FLYERS**

Return Address:  
Nathaniel Guerrero  
6433 Reflection Drive #102  
San Diego, CA 92124

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# August 2010

The next MRCF Meeting will be on **TUESDAY**, 10 August 2010

**Location: American Legion Hall 7815 Armour St.**

**Corner of Armour and Convoy St.**

Board Meeting at 6:30 PM – Gen. Meeting at 7:00 PM

**NEW LOCATION: American Legion Hall at 7815 Armour Street.**

**Hwy 163 TO BALBOA AVENUE, WEST TO CONVOY STREET, LEFT ON CONVOY TO  
ARMOUR ST., TURN LEFT ONTO ARMOUR AND RIGHT INTO AMERICAN LEGION.**

**ADDITIONAL PARKING IS ACROSS THE STREET AT CARQUEST.**

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## CLUB OFFICERS

President:

Jerry Neuberger (619) 258-4477

Secretary:

Don Madison (619) 296-1510

Field Marshal:

Mark Lukens (858) 945-8525

Safety Coordinators:

Derek Post (858) 842-4634

Don Robinson (858) 271-6452

Vice President:

Curtis Kitteringham (760) 746-5913

Treasurer:

Ron Stark (858) 530-0586

Helicopter Chairman:

Darren Hauptman (619) 948-1948

Membership Chairman:

Tom Mulder (619) 804-8596

membership@miramarrcflyers.com

Newsletter Editor: Nathaniel Guerrero  
(858) 240-2215 Email: [nquerrero@san.rr.com](mailto:nquerrero@san.rr.com)

Club Webmaster: Darren Hauptman  
[Darren@miramarrcflyers.com](mailto:Darren@miramarrcflyers.com)  
[www.miramarrcflyers.com](http://www.miramarrcflyers.com)

## CLUB FLIGHT INSTRUCTORS

Any club member who wishes to have some assistance should call one of our designated instructors. There is no duty instructor at the field, so you must prearrange a time with someone on this list.

Name	Number
Richard Barndt	(858) 213-5740
Frank Gagliardi	(858) 271-4430
Curtis Kitteringham	(760) 746-5913
Barry Mattingly	(760) 753-1318
Jerry Neuberger	(619) 258-4477
Ron Stark	(858) 530-0586
Roy Rapheal	(858) 538-5485
Darren Hauptman	(619) 948-1948

**A big thanks to all of the members that participated in the Rotors over Miramar and the Flights of Fancy! The club appreciates your time and effort to put on these great events!**

## **From the Left Seat:**

Wow, we've had some very active months recently and supported some great events. The IMAC and Heli events came off very well and we should all be proud of the excellent reputation our club has in the R/C community. We have the best field and the best membership in the county.

There is a little fallout from the IMAC event. We had IMAC planes at co-altitude with the F/A-18's in the pattern during the event IMAC practice Fri afternoon and Sat during the contest. Would not have been a problem had the base known we were having a contest and would be exceeding our altitude restrictions, but our communication chain fell through and the base Operations and Air Traffic Control watchstanders were taken by surprise. Bottom line, our MOA for use of the field is under review and will be updated sometime this year.

I've stopped by the base and talked with the Base Ops director and deputy and they support us flying on the base, but we can expect some changes with the new MOA. We were due anyway, old MOA was signed in 2007 and both the base operating procedures, and our procedures have changed since then so it was time for us to review MOA. I'll keep you posted as soon as I know anything.

See you at the field

Jerry

## **From the Right Seat:**

July was a big month for the club. We had the 2-day Heli meet, Leather Neck Museum Open Copit Day and The Flights of Fantasy. I would like to Thank all that came out to these events and to help out, the help is always welcomed.

The Heli Event we had some very good pilots showing their models in the air. At the Museum we would fly the park flier models every chance giving to us. At the Flights of Fantasy we had 20 Guest, starting out on laptops with flights simulators ( Thank You to the members that let me use your PC's for the day) they where in use all day.

Moving on to ground school then to the flight line to see how much they have learned. This was a lot of fun to watch, many of the kids did very well at the controls. Then we moved on to lunch with demo flights for the guest, showing IMAC, Helicopters, Park Flyers, E-Power Racer, Jets and several War Birds (the last at the same time). The next act the guest did was to put together their own rubber powered model, from there we moved out to the runway for a fly off. The 3 longest flights went home with a prize donated from Robin.

The last item and far from the fun things to do is the break down, after a long day this is the last thing I like to do. So for those members that where there all day till the end, I give a heartfelt Thank You for your help and Thank You to the member's that came out and helped with want you could. It was not for you the membership these events could not happen.

Oh and a BIG THANK YOU to Jerry who made my heart stop as I was watching my model of 7/8 years and some 800 flight's with kids on it, heading to the ground at full power. I do not think I was the only one calling to pull up as the ground and the model got closer. Hope to have as much fun next year. See you at the club meeting.

As always I Thank You for all of your Help. Enjoy your Club.

Curtis

**Safety Coordinators:**

No comments for this month.

**Field Marshal:**

No comments for this month.

**Helicopter Chairman:**

No comments for this month.

**Membership Chairman:**

No comments for this month.

**July 10 2010**

**Miramar Radio Control Flyers  
Minutes of the Meeting**

**Held at the American  
Legion Hall**

**President called the meeting to order at 1904 hrs.**

The pledge of allegiance was recited by the membership.

The Treasurer's report was presented and accepted by the membership. The membership made a motion to accept the report. Motion was made and seconded. The report was accepted by the membership.

The Secretary's report was presented and accepted by the membership. The membership made a motion to accept the report. Motion was made and seconded. The report was accepted by the membership.

Guest at the meeting – Jeff DeBrosse

Safety – Don Robinson – He will be on extended vacation for 2 months and asked all the members to fly safely until he returns.

Field Report – Mark Lukens – He outlined the many maintenance and improvement things that have been accomplished by volunteer members. Our field is in excellent shape.

Membership – Tom Mulder – We have 4 new members, Scott Vance, Kevin Spousta, Richard Felkins and Don Griffin.

**OLD BUSINESS**

Heli Event – Darren has outlined a very successful field event which provided an increased profit for our club over previous events. He also heard many positive comments about our club and field. The two recent club events, IMAC and Rotors over Miramar have resulted in approximately \$2150.00 to our club treasury.

Curtis reminded members of the July 31<sup>st</sup> Flight of Fancy for young people to enjoy flying rubber band powered planes and also get some exposure to R/C modeling. In cooperation with the Aerospace Museum we expect an estimated 20 young people up to the age of 13. He would like to have 4 computer simulators at the field if anyone has them available.

Editor's note: See Curtis' notes about the success of the Flight of Fancy and the thanks to the members that made it happen. Thanks for your time and effort. It's always appreciated by the club.

Curtis also reminded members of the upcoming events on our calendar which will require member volunteers. See Event Schedule below.

Leroy reported that recycled aluminum cans deposited at the field provided the club treasury with \$140.00.

The meeting was turned over to Darren to run the raffle for the solar powered battery station at the field.

## **NEW BUSINESS**

None at this session.

## **SHOW AND TELL**

Ron Peterka showed his 1/5 scale Stinson Reliant SR-5. This particular plane was built during 1935-36. The model is powered by a Zenoah G-26 engine and all the exterior colors are hand painted. There are only a few decals that were used, but the tan, orange and gold stripes on the model were all painted in. The model also sports a completely detailed interior and working passenger and luggage doors on the aircraft. The model took 2.5 years to complete. The plans were also drawn up and made prior to starting the framing of the model. The majority of the parts were custom formed with fiberglass and aluminum.



## **EVENT SCHEDULE**

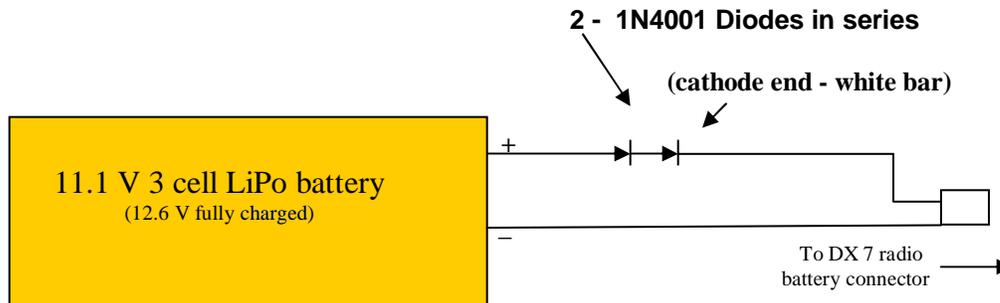
TO ALL MEMBERS: Darren has set up a calendar on the website to schedule the events. Please go to [www.miramarrflyers.com](http://www.miramarrflyers.com) and click on the EVENTS tab at the top of the page. If you have any suggestions, please contact Darren at [Darren@miramarrflyers.com](mailto:Darren@miramarrflyers.com).

September 4 – Flying Leatherneck Museum Display  
October 9th - Club Day  
November 13th - Veterans Day Flyin  
December 4th - Toy for Tots flyin  
December 14th - Christmas Dinner

**Meeting adjourned at 2015 hrs.**

# **DX 7 Li Po Battery Modifications to work safely**

## **Lipo Usage in the Spektrum DX 7**



Note: Spektrum does not recommend using LiPo's in the DX7 transmitter.

If you want to use a LiPo without the diodes, you risk the regulator circuit board eventually burning up.

### **Modifications:**

- Add 2 diodes in series to the + side of the battery lead -- #1N4001 diodes. As shown above.
- Diodes will lower the voltage approximately 1.6 volts (from 12.6 to 11.0 volts) assuming a fully charged 12.6 volt battery.
- They are installed in the + red lead.
- Cathode (white bar end) goes towards the radio *plug*,
- Anode (no bar end) goes to the plus + red wire from the battery.
- Put some shrink tubing over them.

### **To charge:**

- Disconnect LiPo from DX7, then use the balancing connector output leads to charge with. Do not try to charge thru the radio plug.

### **Reprograming the DX 7:** (To set the alarm so your LiPo does not drop too low in voltage)

- Ensure the Aileron D/R switch is in the UP position.
- Press and hold the DOWN and SELECT buttons and turn on the radio.
- Now you're in the setup menu.
- Scroll up/down until you get to the screen that says [Model Reset]
- Press the Adjust Decrease button (r/h side of LCD)
- Flip the Aileron D/R switch down
- Press the Adjust Increase button
- Flip the Aileron D/R switch up
- Press the Adjust Decrease button
- Keep alternating this Aileron D/R up/down and Adjust Increase/Decrease sequence (about 5 cycles)
- The radio will 'beep' and the LCD will go dark. This is the LCD test.
- Scroll Up/Down (left side of LCD screen) through the Service Menu and go to the alarm menu,
- Set alarm to 10V, and voltage to 11.5, ( if you have a fully charged 12.6 3S battery).
- Scroll to "all settings ok" push clear. – The DX7 is now updated for LiPo's.

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**AUGUST 2010**  
**Club Newsletter**  
**Specials**  
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**Airtronics**

751650	SD-5G 2.4G 5-Ch Computer Radio - Air SD5G	129.99	<b>99.99</b>	<b>30.00</b>
751750	SD-10G 10-ch 2.4G Tx w/10-ch Rx (No Sx) SD10G	499.99	<b>439.99</b>	<b>60.00</b>
474502	94802 Sub-Micro Digital BB Servo	36.99	<b>29.99</b>	<b>7.00</b>
474551	94851 Digital Hi-Power BB MG Servo	55.99	<b>45.99</b>	<b>10.00</b>

**BH Models**

159558	J-3 Cub 120 ARF (20-23cc Gas)	399.99	<b>299.99</b>	<b>100.00</b>
159559	T-28 Trojan 120 ARF w/Retracts (20-23cc Gas)	499.99	<b>429.99</b>	<b>70.00</b>
159570	Blade 46 Sport Deluxe ARF (Oracover)	159.99	<b>129.99</b>	<b>30.00</b>
159571	Sprinter 46 GP/EP Deluxe Mid-Wing Sport ARF	149.99	<b>119.99</b>	<b>30.00</b>
159573	Ryan STA 46 ARF (Oracover)	269.99	<b>199.99</b>	<b>70.00</b>

**Great Planes**

703894	ElectroStik EP 50" ARF	114.99	<b>99.99</b>	<b>15.00</b>
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**Hobby People Models**

118160	11.1V 2200mAh 20C LiPo Battery Pack w/T-Conn	29.99	<b>14.99</b>	<b>15.00</b>
163115	Mystery EP Heli RTF CCPM w/2.4G Radio	169.99	<b>139.99</b>	<b>30.00</b>

**Magnum Engines**

237430	Glow Starter - Standard w/Battery/Charger	18.99	<b>9.99</b>	<b>9.00</b>
210756	XLS 46 Two Stroke RC Engine (RNV)	79.99	<b>69.99</b>	<b>10.00</b>
210851	XL 52 RFS Blue R/C 4-Stroke Engine	159.99	<b>129.99</b>	<b>30.00</b>
210868	XL 91 RFS Blue R/C 4-Stroke Engine	199.99	<b>169.99</b>	<b>30.00</b>

**Phase 3**

107311	EF-16 EDF Foam Kit - No Motor/Fan/ESC	59.99	<b>43.99</b>	<b>16.00</b>
107318	P-40 EP w/Retracts & Brushless System RR	189.99	<b>159.99</b>	<b>30.00</b>

**Global ARF by VQ**

159867	Stick 46/EP Sport w/Battery Hatch	119.99	<b>99.99</b>	<b>20.00</b>
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**Walkera**

660110	Lama 400 Large Dual-Rotor EP Heli - RTF	239.99	<b>199.99</b>	<b>40.00</b>
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