

THE BEACON



NOVEMBER 2014

Talmadge Sanders and his
ESM Texan II



Return Address:
Nathaniel Guerrero
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November 2014

The next MRCF Meeting will be on **TUESDAY**, 11 November 2014

Location: American Legion Hall 7815 Armour St.

Corner of Armour and Convoy St.

General Meeting at 7:00 PM

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.

CLUB OFFICERS

Interim President:

Frank Gagliardi (858) 271-4430

Secretary:

Mark Lukens (858) 945-8525

Field Marshal:

Tom Pham (858) 761-3959

Safety Coordinator:

Brian Werner (760) 473-7004

Vice President:

Curtis Kitteringham (760) 746-5913

Treasurer:

George Sager (858) 748-0868

Membership Chairman:

Brian Werner (760) 473-7004

membership@miramarrcflyers.com

Newsletter Editor: Nathaniel Guerrero

(619) 272-0852 Email:

nguerrero@san.rr.com

Club Webmaster: Mark Lukens

webmaster@miramarrcflyers.com

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
Mark Lukens	(858) 945-8525
Jerry Neuberger	(619) 258-4477
Tom Mulder	(619) 804-8596
Tom Pham	(858) 761-3959
Ron Stark	(858) 530-0586
Talmadge Sanders	(858) 382-2003

Thanks to everyone that took some time to work at the Miramar Air Show. The next event coming up is the Veterans Day Fly In at the field.

DO YOU HAVE AN INTEREST IN FULL-SCALE AVIATION?

Ron Peterka

I don't usually get too interested in modern commercial aircraft but the French Airbus company announced a new engine for its Airbus 300 series airliners that includes some very new and radical technology.

What the Heck does this have to do with RC models? Not much really, except if you are interested in aviation at all, or, are curious about what pushes a modern airliner around the sky, or, if you are just interested in new technology. There are a lot of modelers who don't have much information about the physics of why their models fly the way they do, and that's OK I guess, except there is so much more to it than we realize.

The Airbus A330-NEO (New Engine Option) will have two Pratt & Whitney PW1000G engines that will provide around 16% greater fuel economy, 20% lower maintenance costs, and 50% lower engine noise.

Pratt & Whitney, a division of United Technologies has spent over ten years developing this engine that is bound to see major airline interest. Airbus has announced plans to put 4000 of these engines into use in the next 15 years.

Two major changes help bring these savings. First is a new composite carbon graphite housing and impeller for the bypass stage. The bypass stage takes in cool air, as much as 80% of the air that passes through the engine around the gas generator section, and accelerates it to produce the majority of actual thrust from a Turbo-fan engine. Since it moves mass airflow at lower speed, the engine noise is greatly reduced.

Other changes include fuel nozzles manufactured using a three D printer, and a super high efficiency combustion chamber using the latest technology.

The problem is that the by-pass fan turns slower than the optimum RPM for the gas generator section and is usually connected to a turbine wheel by a separate turbine shaft running inside the gas generator compressor/turbine shaft. This new engine includes a planetary gear reduction unit in the bypass fan hub to lower the fan RPM and multiply the torque supplied to the fan unit which in turn can have higher pitched blades to absorb the torque used to move more air while the core engine can operate at a higher more efficient RPM.

The bypass/inlet opening of these high efficiency engines is over eight feet in diameter! Airflow through the fan is measured in tons per minute. The slower moving air from the bypass fan encloses the higher velocity exhaust from the gas generator section, which produces the torque to turn the bypass inlet fan.

The Prez' Sez'

At this critical time in the life of our club, it is important to remember that although many of you may feel that the turmoil was caused by internal forces, giving in by not attending club functions only serves to strengthen those feelings and then "the bad guys win".....Therefore I implore you to first attend the November meeting and cast your vote for the proposed leadership of the club. ,Second plan to attend the

Christmas dinner. This is a time for good fellowship, good food, good fun and a chance to just relax and enjoy each others company. Thirdly, please plan to attend the Veterans Day Salute. I appeal to all members, especially the military and former military to be there so that we as a club can honor you all.

I am making a "pest" of myself to the contracting officer at MCCS to resolve the entry situation. I have nothing to lose!.....They WILL make a decision one way or the other. Correspondence is going out and will continue until a decision is made.

I hope to see you all on Nov 9th.....

This is a reminder that the Veterans Day Salute will be held on Sunday Nov. 9th starting at 0700..... The North County Winds will be performing from 1100 'till 1200 with the Veterans Salute to follow. I have extended an invitation to the WeedWackers R/C Club to join us that day. They had planned a similar event the same day. So to gain maximum attendance, I have offered our field as host club for the day. In the event of rain, there will be NO rain date.....Sleep in!....

The Christmas dinner at the 94th Aero Squadron restaurant will now cost members \$17.00 as opposed to last years \$16.00.....So don't buy that extra bottle of glue!.....Guest cost is \$34.00 and worth every penny! Glad to be back from Kansas.....Couldn't find Toto...

Semper Fi

Frank

All hands on deck!...

Words from the Vice President

Well we are down too the last two months of the year. It sure will be nice to have the ups and downs of this year with the Miramar Club behind us. We have had more than our share of hurdles to jump over, are we done; no not at this time. But I believe there will be a light at the end of the tunnel for us. With what we have been handed this year, I honestly appreciate the members that have hung in there, been a part of this club and participated in all activities to support our goal.

We have two more major events coming up, the first is the Veterans Day flyin. We will be honoring our military past and present, on Nov 9th (Sunday) with food and drinks. The second one is the Toys for Tots event this has been a big PR event for us as in the amount of toys we bring in for the Marines toy drive; this will happen on Dec. 6th (Saturday) with food and drinks. So all members should attend these events to show we have a common cause.

Now the next two days I'm going to write about with the first one being something that I have asked for is a day at the club for everyone too just show up relax, fly your models and just enjoy the day on Nov 15th. This will be a topic at the upcoming club meeting, so plan on attending to help plan this one for the club. The last event of the year is the Christmas Dinner at this month's meeting we will be working out the final numbers on the count of members and our guest. The November meeting is very important to attend from just simply too show support with voting in the new officers to helping plan the November 15th event with signing up for the Christmas Dinner. I know very well that the wind may have been taking out of our sails, but do not let that stop you from showing club support that I know is out there in the membership.

As always I Thank the members for your support of our CLUB this year

Curtis Kitteringham

Call for articles!

If you have any article that you would like to share with the club, please send it to (insert name and email of person(s) to review here). Here are some examples of things we are looking for.

- Building tips / techniques
 - Custom build equipment / models
 - Custom / special application equipment for servicing / testing components
 - New gadgets / electronics
 - Articles on club events (Synopsis, Summaries of a club event, etc.)
 - Any topics that promote the hobby or club.
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14 October 2014

Miramar Radio Control Flyers Minutes of the Meeting

**Held at the
American Legion**

**MAKE SURE PMO AND THE TOWER ARE CALLED FROM THE CLUBS PHONE TO CLOSE
AND OPEN THE FIELD AND THAT THE BOOK IS FILLED OUT
DO NOT FLY UNLESS THE BASE IS REACHED**

Meeting called to order at 1900 - There were 17 members in attendance.
Curtis Kitteringham opened the meeting with the Pledge Of Allegiance

Secretary: Mark Lukens was absent

- The Secretary's report was given and approved. Minutes were not read.

Treasurer: George Sager

- The treasurers' report was presented and approved.

Introductions/Prospective/new Members:

Safety: Brian Werner

- Nothing to report from Brian.
- Jerry used a big screwdriver in the ground to tie down run in a 30cc plane. He went full throttle and it broke loose and went across the street and hit the curb. The lesson is no matter how secure you think the plane is be careful.

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Field Marshal: Tom Pham was absent.

- No field report given

Vice President : Curtis Kitteringham

- Curtis thanked the three military members that showed up to the Air Show. He also thanked the civilian members that made it happen. The Colonel talked about doubling the RC Flyers area at the show. We had guest pilots at the show who Frank entertained Friday night. They took the guests out to dinner and Don paid for it. A motion was made and approved to pay back Don \$242.00 for the bill.

- Veterans day November 9th, lets make this a good event. Frank is trying to get the Marine Corps Band to play at the event. We will need at least 1 military member present and Jerry will definitely be there. Nat will send an e-blast.

Old Business:

- Christmas Party December 9. We are about 25 short members on the 50-person minimum. Send Frank and Don Madison an email if you are attending and how many guests. Nat will send an e-blast. Curtis will be handing out awards at the dinner.
- Renewals: George requested to put his address on the application renewal vice the P.O. box so the deposits get in faster.

New Business:

- Board nominations:
 - President: Jerry nominated Frank for President. Brian nominated Jerry for President.
 - Vice President: Curtis was nominated.
 - Secretary: Brian Nominated Mark.
 - Treasurer: George was nominated. Brad also volunteered for treasurer.
 - Field Marshal: Sandy nominated Tom Pham.
 - Safety: Brian Werner was nominated by Curtis.



Old Business: None

Model of the month:

- Sandy: ESM Texan II with a DLE 35 with a true turn spinner. The 4 bladed prop barely flies it. An APC 2 blade works much better. Has modified B-25 Robart gear.

Meeting Adjourned: 19:41

Upcoming 2014 MRCF Events:

Date	Activity
Nov 09	Veteran's Day – Lunch & fly in
Nov 11	MRCF Club Meeting
Dec 06	Toys for Tots Fun Fly
Dec 09	MRCF Banquet