

Radio Control Flyers Unlimited

Flight Plan

AMA Charter # 1442

President: Larry Maxfield - 209-404-0659

Vice President: Steve Mesker - 209-595-2002

Safety Officer: Gregg Bixel—209-838-1241

IMAA Charter# 623

Sec/Treasurer: Steven Howie - 209-957-5088

Membership Chairman: Greg Mariani - 209-848-4828

Volume 14, Issue 15

December 2015



www.rcflyersunlimited.com

Current News

We are having our 2015 Christmas Dinner at Mimi's in Modesto on December 5, 2015 at 6:00 pm. This year we will be having an open menu so you can pick anything off of the menu. Please let Larry Maxfield or Steve Mesker know if you will be going.

The club had elections for club officers for 2016. They are as follows::

President Steve Mesker

V. President Dave Vickers

Secretary Steve Howie

Treasure Joel Marriam

The club swap meet will be held March 26, 2016. Contact Paul Klahn at 209-962-6404 for information.

Because of the continued problems with the storage container at the field. The club elected to have it sold and removed from the site. Larry Maxfield bought the container for \$300. The removal of the container has left a lot of trash and litter around where the container was located. The club is going to have a clean up day to remove the debris in that area during the first month of 2016.

An application for a grant from AMA is being drafted up and will be sent off to the AMA during January 2016. This will give us some

extra monies to put onto the paving project.

Some of the things discussed during the November meeting were: Discussion of having some sort of varmint control to help control the erosion of the runway and other types of damage to the field. Discussion to have a night flying event during January or February 2016.

If you are going to schedule an event at the field, please find out if it will conflict with any other events in the area so we can maximize the participation.

The fee invoices (billing) is finished and have been sent out during the first week of November. Please mark any corrections and return the form with your payment. Even if you do not have any changes, please send back the form with your payment. These are needed to show proof of payment of annual dues. If you do not return the form and you claim to have made the annual dues payment, I will not have any way of determining if you have paid and a duplicate membership card cannot be issued.



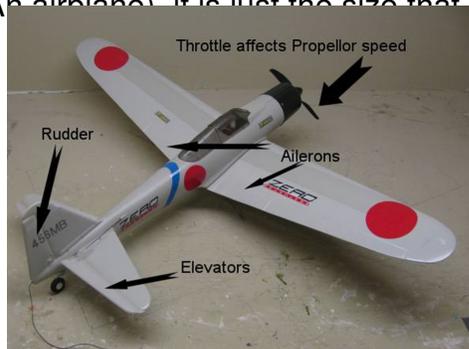
"These are so accurate that they even come with inedible food that you have to pay extra for."

Some of the basics of how a Remote Control (RC) Airplane works

This is a short tutorial with pictures that shows you the basics of how a Remote Control airplane works. I go over the theory of how the whole set up operates including a look at the actual mechanics of the airplane and the use of the hand-held controller. There are lots of different controls and controllers and they will vary but in this tutorial I take a look at a pretty standard set up and it will give you a good understanding of how RC airplanes work.

The controls on an RC airplane are pretty much the same as on a real airplane. This makes sense because you have the same thing (An airplane) it is just the size that is changed. There are four major controls in an RC airplane:

1. Throttle
2. Elevator
3. Ailerons
4. Rudder.



An explanation of the Controls

1. **The Throttle:** This affects the speed of the airplane. The more throttle you apply the faster the airplane will go. This also affects the climbing and descending speed. Applying more or less throttle will cause the airplane to descend or climb faster. This is important to know because it means that the other controls are not the only thing that affect take off and landing.

The three next parts: Elevators, Ailerons and Rudder control three movements of the airplane called



2. **Elevators:** These control something called "The Pitch" of the airplane. Changing the angle of these elevators will control whether the airplane goes up or down. Now, its important to realize that if the elevators go down the airplane will go down and if the elevators go up the airplane will go up. This is because the elevators control whether the nose of the airplane goes up or down. The picture below explains this concept. In this picture the elevator is down. This will force the nose of the airplane down and the airplane will descend. Con-



versely, if the elevator is up the plane will ascend.

3. Ailerons: These are not on all RC airplanes. And they are not needed, many RC airplanes work just fine without them. And, if you are a beginner you don't need them. They can just make it a little bit more of a challenge to operate. The Ailerons control the roll of an airplane.

4. Rudder: The rudder This is what turns it to the how the rudder moves. The the Yaw of the airplane.



controls the Yaw of the airplane. left or right. This picture shows motions of the rudder will control

Cash Flow Report

Income		Expenses	
Club Revenue (including initiation fees, field assessment fees, Donations, and Events)	\$4,125.00	Bank Charge	\$16.00
		Toilet Rental	\$140.00
		Newsletter	\$139.94
Totals	\$4,125.00		\$295.94

Savings	\$20,028.33
Last Month's Total	\$1,670.44
Income	\$4,125.00
Expenses	(\$295.94)
Balance	\$25,527.83

There will be no club meeting in December