



# The Wind Sock



The newsletter of the Lake City Radio Control Club (LCRC)  
Issue #036 June, 2012 AMA Club Charter #3948  
[lakecityrc.com](http://lakecityrc.com)

**The next Club meeting is Sunday, June 3, 2P.M. at the field.**

## Club News:

### **Meeting Minutes of the May 6 club meeting:**

Meeting was called to order by Charles Artley at 2 p.m.

1. Bob Wheeler read the minutes from the April 1 meeting. Motion to approve by Norman Green, seconded by Terry McGee. Minutes were approved.
2. There was no Treasurer's report since Mark Witt was not present.

**Old Business:** Mower gas receipts should be given to Mark Witt.

### **New Business:**

The subject was "what to do about securing the mowers so we don't have a repeat of a stolen mower." A history was given of the missing mower and its return for those present. Then two alternatives were discussed: 1. Keep the mower off site at a close member's house. 2. Keep at the field but work out a secure solution.

Keeping it off site didn't seem to be a good solution so then the talk turned to how to secure it. One idea was to put steel pipes down in concrete and have a steel cross gate with a "hockey puck" type lock that couldn't be cut. This will be finalized at the next meeting. In the meantime, everyone try to find a source of steel (hopefully at no cost.) to pull this off.

Motion to keep the mower at the field and construct a secure lockup: 1<sup>st</sup> by ??, 2<sup>nd</sup> by Norman Green.  
No more business.

Motion to adjourn by Bob Wheeler, 2<sup>nd</sup> by Terry McGee.

## Some more of the club member's planes:



**Terry McGee's latest addition**



**Charlie's Helicopter fleet**

**Member planes that have appeared at the field lately:**



**Club Contacts:**



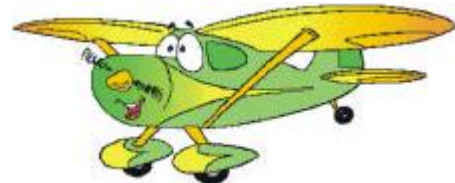
President  
Charles Artley  
(386.466.1814)



Vice President  
Terry McGee  
(386.308.4081)



Secretary  
Bob Wheeler  
(386.776.2969)



Treasurer- Mark Witt (386.623.5500)

Picture not available

Field Marshal- Dan Beard (386.719.6563)

Picture not available

**Selection and Care of Propellers!** (Sparks newsletter, Feb.2012, sparksrc.org)

Propellers are rated by diameter x pitch. An 11 x 5 prop is 11 inches in diameter and has a 5" pitch. While the diameter is obvious, the meaning of pitch is this. Under perfect conditions the prop will move forward 5" for each revolution. Pitch is measured at 75% of the radius.

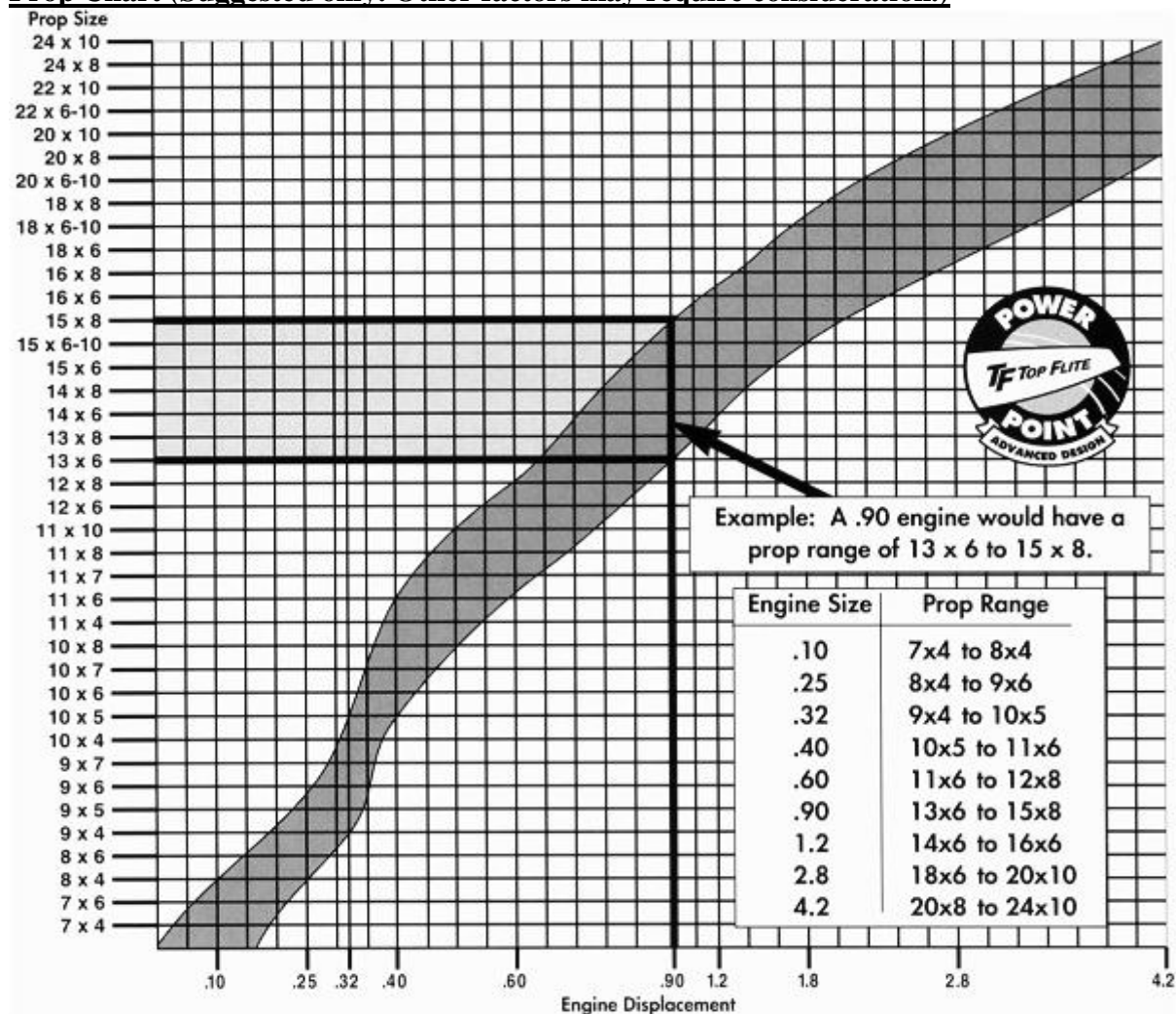
Manufacturers usually recommend a prop range to use on their gas or glow engines. (Four cycle engines usually use the upper end of the suggested range.) But what if it doesn't perform the way you want? The answer is in knowing what you want the plane to do.

For example, if the plane isn't going fast enough, increase the pitch (provided that doesn't overload the engine). If it's landing too fast, decrease the pitch. Don't change the pitch more than 1" at a time. If you increase the pitch by 1", then you may need to reduce the diameter by 1" to prevent overloading the engine. Often the correct pitch is the one that allows the plane to cruise comfortably at half throttle. Electric planes are quite similar, except by using a watt meter you can verify if the prop is overloading the motor or not.

Maintenance: Check the prop for nicks and other wear marks. Always check near the hub of plastic props for fatigue lines. Replace any questionable prop, a thrown blade can really hurt you, not to mention destroy your plane instantly!

Your setup always performs better if you balance the prop and spinner. Go to this video to see how to do a balance job: <http://www.youtube.com/watch?v=OXuNnYQO2s4>

**Prop Chart (Suggested only. Other factors may require consideration.)**



1-Find your engine size along the bottom axis. 2-Follow the line up to where it intersects with the shaded area. 3-Follow each point within the shaded area to its corresponding prop size on the left axis. This will be your approximate prop range.

**Note:** 4-cycle engines are typically higher torque engines and should use the larger props indicated in the range. © 2000-2012 Hobbico, Inc. All rights reserved.

## AMA Calendar of Local Events of Interest

### June FL

6/2/2012 -- Jacksonville, FL (C) SUMMER SWAP MEET AND FUN FLY. Site: Lannie Rd Flying Field. Thomas Hembly CD PH: 904-537-3341 Email: [themibly@att.net](mailto:themibly@att.net). Sponsor: GATEWAY RC CLUB

6/9/2012 -- Dunnellon, FL (C) ELECTRIC FUN FLY IN FESTIVAL. Site: Rainbow RC Air Park. Matthew Wayne CD PH: 352-527-8836 Email: [jomatt0189@aol.com](mailto:jomatt0189@aol.com). Visit: [www.tricountyrcclub.homestead.com](http://www.tricountyrcclub.homestead.com). Pilot prizes, raffles, Rainbow Cafe open, great food and drink. \$5 landing fee, \$2 spectator parking donation. Sponsor: TRI-COUNTY RC CLUB

### July FL

7/4/2012 -- Jacksonville, FL (C-Restricted) GATEWAY 4TH OF JULY FAMILY PICNIC AND FUN FLY. Site: Lannie Rd Air Park. Thomas Hembly CD PH: 904-537-3341 Email: [themibly@att.net](mailto:themibly@att.net). Sponsor: GATEWAY RC CLUB

The Wind Sock is the publication of the Lake City RC Club. Also, see [lakecityrc.com](http://lakecityrc.com), Bob Wheeler, Editor. [hwheel4@windstream.net](mailto:hwheel4@windstream.net), 386-776-2969. I have made my best effort to keep all information accurate. Please let me know of any errors. Copyright 2011, 2012, LCRC



Larry Moore's Plane