



Cloud 9

RC Micro World

Online Magazine

www.cloud9rc.com

May 2005

WHAT'S NEW AND WHO'S DOING IT

1. By John Worth

a. John Worth picks up where he left off last February when his Cloud 9 RC column ended in RC MicroFlight. A brief summary of the past is updated with a report of current developments which show that the microflight world is progressing as rapidly as before with no end in sight.

2. Additional Articles

- a. Micro World Outlook
- b. Super Slicks 7 MM Motors
- c. Micro Indoor Ultimate Biplane
- d. 30 MAH LiPoly Cells



June 2005

Current Issue

What's New and Who's Doing It, by John Worth:

- a. Bradley Brothers,
- b. Nick Leichty's Website
- c. Solar Power
- d. Mort Binstock's RC Conversion of a popular free-flight model kit
- e. John Hunton's report on the Estes Jetliner,
- f. Super-Simple Prop Mounting
- g. Gaggl's Micro Farman
- h. Thrust Measurements
- i. Gasparin's Outrunner
- j. Didel's Babekit
- k. Paper Thin Fuel Cells
- l. Solarbotics MicroGear Motor

Separate Articles by RCMW Contributors

- 1. Plantraco HFX900 Micro RC System
- 2. Micro Brushless Outrunner Motors
- 3. Fly Dragon Revisited
- 4. SLK Electronics LiPoDapter



July 2005

Current Issue

What's New and Who's Doing It, by John Worth:

- a. Plantraco's fabulous RTF package (independent of Dave Robelen's Field and Bench report, below)
- b. Fast (one minute!) charging of a new Lithium battery
- c. The Parallel World of MAV's
- d. Ben's 1.91 gram Bird
- e. More Fly-Dragon reports
- f. FMA's SkySprite

Separate Articles by RCMW Contributors

- 1. Plantraco HFX900 Deluxe Starter Set
- 2. Performance Modifications on a Mini Sport Model
- 3. Make a Shortened Antenna for Micro Receivers
- 4. Didel TriCha 1-Cell LiPoly Charger
- 5. Indoor Flying at Papakura (New Zealand)
- 6. Tom Blakeney's Republic Rainbow



August 2005

Current Issue

What's New and Who's Doing It, by John Worth:

- a. Plantraco MicroBlimp rc system
- b. Amazing new flight records
- c. The NIRAC Indoor RC Championships
- d. More about the Plantraco Butterfly
- e. Joe Malinchak's half-size Butterfly
- f. Electronic flight timers and John Krouse's model
- g. A Dynamic website
- h. Australian David deWit's sub-gram channel RC
- i. Fly-Dragon modifications
- j. NEAT Fair details (indoor and outdoor)

Separate Articles by RCMW Contributors

- 1. BSDmicroRC MicroAct
- 2. Flying Stryo 'Pony' Conversion
- 3. The Homeboy



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September 2005

Current Issue

1. My usual assortment of miscellaneous items to lead off this month's RC Micro World:
 - a. John Hunton provides an update regarding flying of the BBB RTF RC camera plane.
 - b. Peck-Polymer's new J-3 Kitten kit, designed by Thayer Syme.
 - c. Free flight influence in RC: John Krouse with his Indoor model folding prop.
 - d. Variation of last month's Homeboy using parts from an Estes RTF model.
 - e. New website dedicated to electric powered models.
 - f. Blue Arrow's new 6 gram Micro Brushless motor from China.
 - g. Ralph Bradley's SkyBug, with the lightest version of Plantraco's RC system.
 - h. Cox WW II scale models status.
 - i. David Lewis commentary on Thrust, etc.
 - j. Gordon Johnson flies Brushless

Separate Articles from RCMW Contributors:

1. Stephan Gasparin's test results of geared single and twin Super Slicks pager motors, on the way to development of micro brushless motors in conjunction with Jiri Potensky, with notes regarding suitability for different size and weight models.
2. Pete Carpenter report on building and flying the new Wattage Slow Jazz Indoor biplane.
3. My report on building an flying Ralph Bradley's flex-wing Cootie, a unique experience with this different kind of 'bird' I adapted the Plantraco Deluxe Starter system to this model and it worked out fine as a test bed to show how adaptable this product is to all kinds of microflight models.
4. Bryan Spencer of New Zealand, whose news from that part of the world was featured in earlier issues of RCMW, provides more information this month about what's happening in microflight there, showing that what equipment is being used is typical of what is being flown by many in the USA and elsewhere.
5. MicroInvent RTF and ARF models from Slovakia, featuring superior design and construction by Robert Cok, with electronics by Ivan Motycka.
6. More by Worth on the subject and history of Rogallo wings in various configurations for aviation, aerospace, and aeromodeling.
7. NEAT Fair Seminars Schedule, with list of speakers, times, and subjects.



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October 2005

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What's New and Who's Doing It, by John Worth:

- a. **Two Canards, by Tom Cole**
- b. **Tiger Moth Bipe, by Richard Adams**
- c. **Different Covering Material, by Mark Roberts**
- d. **Boston Micronauts Award**
- e. **Notes on NEAT**
- f. **Radio Assisted FF, by John Krouse**
- g. **Pusher or Puller?**
- h. **Cootie, Part 2**
- i. **More Rogallos**

Separate Articles by RCMW Contributors- (Click on each to read article listed)

- 1. **NEAT Fair 05 Report, by Bob Aberle**
- 2. **BSD's 7 mm Gearbox, by Gordon Johnson**
- 3. **Cirrus Micro-Joules in New Zealand, by Bryan Spencer**
- 4. **Low Win g Diddlerod, by David North**



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November 2005
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WHAT'S NEW and Who's Doing It?

I. by John Worth

- a. Martin's Midge, a less than 1 gram two channel RC model establishes new lowest weight record.
- b. Horizon Spread Spectrum, revolutionary RC system eliminates frequency interference problems.
- c. Spacewar.com, a website covering military microflight and aerospace unmanned flying machines.
- d. Durabatics, new light plastic sheet from Dynamics Unlimited is three times lighter than balsa.
- e. Plantraco Transmitter "fix" for those who prefer positionable throttle rather than self-centering.
- f. Free Flight Cootie Rogallo Wing variation has features derived from the radio controlled version.

II.

1. Roger Carignan tells about and provides full size drawings of his great flying P-Stick Mite.
2. John Worth describes the Cox P40 and other WW II foam scale models designed for RC.
3. Ivan Motycka tells of and shows his Micro Invent line of beautiful microflight RC models.
4. Stefan Gasparin gives details of new micro outrunner runners by himself and Jiri Potensky.
5. Bryan Spencer provides information about micro motors popularly used in New Zealand.
6. Bob Aberle reports on the 2nd Annual Columbus, Ohio spectacular Indoor electric RC Event.



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December 2005

WHAT'S NEW and Who's Doing It?

1. From John Worth:

- a. Looking Back on the Past Year. A brief view of how far we have come since the first RCMF last May.
- b. Ducted Fan RTF. Another "toy", with an internal fan for power and one at the tail for turn control.
- c. Billy Stiltner's Website. Interesting free microflight information service, with plans to see and copy.
- d. Saving RC Micro World Issues. You can print them, but copying to a single CD will store all of them.
- e. New Berg Receiver. Castle Creations new light weight version of a narrow band high quality receiver.
- f. Good News re Falcon Servos. A good micro product now is improved and costs much less than before.
- g. RC Micro World. Some thoughts about how truly international our microflight activity has become.

2. Additional Articles:

- a. MICROBATICS CONTROL SYSTEM, product report by Dave Robelen.
- b. TOM'S CANARDS, detailing his RC and FF versions, by Tom Cole.
- c. NIRAC 2005 CHAMPIONSHIPS, reported by D. Robelen & Joe Malinchak.
- d. P40 FOLLOWUP, progress report since last month's article, by John Worth.
- e. ROGALLO WINGS IN BRAZIL, interesting details by Augusto Frazzatto.