



Propwash

Official newsletter of the Propnuts Radio Control Model Airplane Club
Highlands, Texas

www.propnuts.com

Editor: Paul Shaffer

September 2009



OH NO

Is that a muffler at the bottom of the picture ?

Well we finally got a Hot Dog Fun Fly scheduled and the weather has done us in again. Watch for it later on.

Don't forget about the Prop-Nuts Big Bird Oct. 10 and 11. If you have a Big bird, bring it and fly, If not come on out, help out a little and just enjoy the day.

Happy Birthday To these members in September

**Layton Hobbs
Thomas Jenkins
James Yates**



Answer to last months silhouette on page 2.
Know who this is?

Club Officers:

President: Allan Smith
V. President: Marty Mankinen
Secretary: Tas Crowson
Treasurer: Mike Irwin
Safety Officer: Martin McCoy
Directors: Dan Jenkins
David Peterson
Blake Shelly

Coming Events

Club Meeting
September 15, 2009, 7:30 pm
Highlands Community Center
Highlands, Texas

9/18-20/09
B-17 Gathering and Scale Big Bird
Bomber Field Inc.

9/26-27/09
DEAF 23
Electric Fly-In
Dallas Electric Aircraft Flyers
www.deaf-rc.org

10/10-11/09
Art Watson/Dave Thamosson
Memorial Big Bird Fly-In
Propnuts RC Club

10/10-11/09
Best Electric in South Texas
Tri-County Barnstormers
New Waverly, Texas

10/17/09
Fall Fun Fly
ARF RC Club
Livingston Texas

10/17-18/09
2nd Annual Electric Fun Fly
Tri City Flyers
Kingsbury Texas

PROP-NUTS R/C CLUB, INC.

Minutes of the Meeting Held

August 18, 2009
Highlands Community Center,
Highlands, Texas

The meeting was called to order at 7:35PM.

Sixteen members signed the attendance log, there was one visitor Paul Privit.

MINUTES: As published in the newsletter.

MOTION: By Tommy Curry, second by Bill Blakeney to approve the July minutes as published, Approved by a show of hands.

TREASURER'S REPORT: Allen Smith gave the treasurers report due to Mike Irwin's absence.

MOTION: By Marty Mankinen to approve the treasurer's report, Second by Anthony Grice. Motion approved by a show of hands.

OLD BUSINESS:

Field Maint.

The shed painting is due to start soon.

Allen indicated that sand for the low spots will be deferred to a better time.

Safety:

NEW BUSINESS:

The club will have a Hot-Dog fun-fly on September 12. The long anticipated paintball event will be held.

Allen announced an IMAC event at the JETERO club.

ENTERTAINMENT:

MODEL OF THE MONTH:

AIRCRAFTUS FRAGMENTUM:

(Continued on page 2)

(Continued from page 1)

The Meeting was adjourned at 8:15 PM.
Respectfully submitted,

Taswall G. Crowson, Jr.
Secretary



Last months silhouette was Scott Kellog.

Send newsletter correspondence to: pschaffer2@sbcglobal.net
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PRECISION MODEL PRODUCTS

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Quality—Unsurpassed
Varity—Unmatched

**2009 Official
Academy of Model Aeronautics
National Model Aircraft Safety Code
Effective January 1, 2006
General**

6. I will not fly my model aircraft unless it is identified with my name and address, or AMA number, inside or affixed to the outside of the model aircraft. This does not apply to model aircraft flown indoors.



Odyssey R/C Hobbies



- *R/C Airplanes
- *Cars
- *Boats
- *Rockets
- *Plastics
- *HO & N Scale Trains
- *Educational/Science Kits
- *Paints and Glues
- *Tools & Wood Supplies

**1020 Nasa Parkway
Webster, TX 77598
281-557-1424
at I-45 and Nasa Parkway**

M-Sat 10:00am to 7:00pm
Sun 12:00pm to 5:00pm



Propellor Tip Speed Chart

| Diameter | 10 | 11 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 |
|---------------|---------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Circumference | 31.4 | 34.6 | 37.7 | 44.0 | 50.3 | 56.5 | 62.8 | 69.1 | 75.4 | 81.7 | 88.0 |
| RPM | Propellor Tip Speed in Miles Per Hour | | | | | | | | | | |
| 5,000 | 148.7 | 163.6 | 178.5 | 208.2 | 238.0 | 267.7 | 297.5 | 327.2 | 357.0 | 386.7 | 416.5 |
| 5,100 | 151.7 | 166.9 | 182.1 | 212.4 | 242.8 | 273.1 | 303.4 | 333.8 | 364.1 | 394.5 | 424.8 |
| 5,200 | 154.7 | 170.2 | 185.6 | 216.6 | 247.5 | 278.5 | 309.4 | 340.3 | 371.3 | 402.2 | 433.2 |
| 5,300 | 157.7 | 173.4 | 189.2 | 220.7 | 252.3 | 283.8 | 315.3 | 346.9 | 378.4 | 410.0 | 441.5 |
| 5,400 | 160.6 | 176.7 | 192.8 | 224.9 | 257.0 | 289.2 | 321.3 | 353.4 | 385.6 | 417.7 | 449.8 |
| 5,500 | 163.6 | 180.0 | 196.3 | 229.1 | 261.8 | 294.5 | 327.2 | 360.0 | 392.7 | 425.4 | 458.1 |
| 5,600 | 166.6 | 183.3 | 199.9 | 233.2 | 266.6 | 299.9 | 333.2 | 366.5 | 399.8 | 433.2 | 466.5 |
| 5,700 | 169.6 | 186.5 | 203.5 | 237.4 | 271.3 | 305.2 | 339.1 | 373.1 | 407.0 | 440.9 | 474.8 |
| 5,800 | 172.5 | 189.8 | 207.1 | 241.6 | 276.1 | 310.6 | 345.1 | 379.6 | 414.1 | 448.6 | 483.1 |
| 5,900 | 175.5 | 193.1 | 210.6 | 245.7 | 280.8 | 315.9 | 351.0 | 386.2 | 421.3 | 456.4 | 491.5 |
| 6,000 | 178.5 | 196.3 | 214.2 | 249.9 | 285.6 | 321.3 | 357.0 | 392.7 | 428.4 | 464.1 | 499.8 |
| 6,100 | 181.5 | 199.6 | 217.8 | 254.1 | 290.4 | 326.7 | 362.9 | 399.2 | 435.5 | 471.8 | 508.1 |
| 6,200 | 184.4 | 202.9 | 221.3 | 258.2 | 295.1 | 332.0 | 368.9 | 405.8 | 442.7 | 479.6 | 516.5 |
| 6,300 | 187.4 | 206.2 | 224.9 | 262.4 | 299.9 | 337.4 | 374.8 | 412.3 | 449.8 | 487.3 | 524.8 |
| 6,400 | 190.4 | 209.4 | 228.5 | 266.6 | 304.6 | 342.7 | 380.8 | 418.9 | 457.0 | 495.0 | 533.1 |
| 6,500 | 193.4 | 212.7 | 232.0 | 270.7 | 309.4 | 348.1 | 386.7 | 425.4 | 464.1 | 502.8 | 541.4 |
| 6,600 | 196.3 | 216.0 | 235.6 | 274.9 | 314.2 | 353.4 | 392.7 | 432.0 | 471.2 | 510.5 | 549.8 |
| 6,700 | 199.3 | 219.3 | 239.2 | 279.1 | 318.9 | 358.8 | 398.6 | 438.5 | 478.4 | 518.2 | 558.1 |
| 6,800 | 202.3 | 222.5 | 242.8 | 283.2 | 323.7 | 364.1 | 404.6 | 445.1 | 485.5 | 526.0 | 566.4 |
| 6,900 | 205.3 | 225.8 | 246.3 | 287.4 | 328.4 | 369.5 | 410.5 | 451.6 | 492.7 | 533.7 | 574.8 |
| 7,000 | 208.2 | 229.1 | 249.9 | 291.5 | 333.2 | 374.8 | 416.5 | 458.1 | 499.8 | 541.4 | 583.1 |
| 7,100 | 211.2 | 232.3 | 253.5 | 295.7 | 338.0 | 380.2 | 422.4 | 464.7 | 506.9 | 549.2 | 591.4 |
| 7,200 | 214.2 | 235.6 | 257.0 | 299.9 | 342.7 | 385.6 | 428.4 | 471.2 | 514.1 | 556.9 | 599.8 |
| 7,300 | 217.2 | 238.9 | 260.6 | 304.0 | 347.5 | 390.9 | 434.3 | 477.8 | 521.2 | 564.7 | 608.1 |
| 7,400 | 220.1 | 242.2 | 264.2 | 308.2 | 352.2 | 396.3 | 440.3 | 484.3 | 528.4 | 572.4 | 616.4 |
| 7,500 | 223.1 | 245.4 | 267.7 | 312.4 | 357.0 | 401.6 | 446.2 | 490.9 | 535.5 | 580.1 | 624.7 |
| 7,600 | 226.1 | 248.7 | 271.3 | 316.5 | 361.8 | 407.0 | 452.2 | 497.4 | 542.6 | 587.9 | 633.1 |
| 7,700 | 229.1 | 252.0 | 274.9 | 320.7 | 366.5 | 412.3 | 458.1 | 504.0 | 549.8 | 595.6 | 641.4 |
| 7,800 | 232.0 | 255.3 | 278.5 | 324.9 | 371.3 | 417.7 | 464.1 | 510.5 | 556.9 | 603.3 | 649.7 |
| 7,900 | 235.0 | 258.5 | 282.0 | 329.0 | 376.0 | 423.0 | 470.0 | 517.1 | 564.1 | 611.1 | 658.1 |
| 8,000 | 238.0 | 261.8 | 285.6 | 333.2 | 380.8 | 428.4 | 476.0 | 523.6 | 571.2 | 618.8 | 666.4 |
| 8,100 | 241.0 | 265.1 | 289.2 | 337.4 | 385.6 | 433.8 | 481.9 | 530.1 | 578.3 | 626.5 | 674.7 |
| 8,200 | 243.9 | 268.3 | 292.7 | 341.5 | 390.3 | 439.1 | 487.9 | 536.7 | 585.5 | 634.3 | 683.1 |
| 8,300 | 246.9 | 271.6 | 296.3 | 345.7 | 395.1 | 444.5 | 493.8 | 543.2 | 592.6 | 642.0 | 691.4 |
| 8,400 | 249.9 | 274.9 | 299.9 | 349.9 | 399.8 | 449.8 | 499.8 | 549.8 | 599.8 | 649.7 | 699.7 |
| 8,500 | 252.9 | 278.2 | 303.4 | 354.0 | 404.6 | 455.2 | 505.7 | 556.3 | 606.9 | 657.5 | 708.0 |
| 8,600 | 255.8 | 281.4 | 307.0 | 358.2 | 409.4 | 460.5 | 511.7 | 562.9 | 614.0 | 665.2 | 716.4 |
| 8,700 | 258.8 | 284.7 | 310.6 | 362.4 | 414.1 | 465.9 | 517.6 | 569.4 | 621.2 | 672.9 | 724.7 |
| 8,800 | 261.8 | 288.0 | 314.2 | 366.5 | 418.9 | 471.2 | 523.6 | 576.0 | 628.3 | 680.7 | 733.0 |
| 8,900 | 264.8 | 291.3 | 317.7 | 370.7 | 423.6 | 476.6 | 529.5 | 582.5 | 635.5 | 688.4 | 741.4 |
| 9,000 | 267.7 | 294.5 | 321.3 | 374.8 | 428.4 | 481.9 | 535.5 | 589.0 | 642.6 | 696.1 | 749.7 |
| 9,100 | 270.7 | 297.8 | 324.9 | 379.0 | 433.2 | 487.3 | 541.4 | 595.6 | 649.7 | 703.9 | 758.0 |
| 9,200 | 273.7 | 301.1 | 328.4 | 383.2 | 437.9 | 492.7 | 547.4 | 602.1 | 656.9 | 711.6 | 766.4 |
| 9,300 | 276.7 | 304.3 | 332.0 | 387.3 | 442.7 | 498.0 | 553.3 | 608.7 | 664.0 | 719.4 | 774.7 |
| 9,400 | 279.6 | 307.6 | 335.6 | 391.5 | 447.4 | 503.4 | 559.3 | 615.2 | 671.2 | 727.1 | 783.0 |
| 9,500 | 282.6 | 310.9 | 339.1 | 395.7 | 452.2 | 508.7 | 565.2 | 621.8 | 678.3 | 734.8 | 791.3 |
| 9,600 | 285.6 | 314.2 | 342.7 | 399.8 | 457.0 | 514.1 | 571.2 | 628.3 | 685.4 | 742.6 | 799.7 |
| 9,700 | 288.6 | 317.4 | 346.3 | 404.0 | 461.7 | 519.4 | 577.1 | 634.9 | 692.6 | 750.3 | 808.0 |
| 9,800 | 291.5 | 320.7 | 349.9 | 408.2 | 466.5 | 524.8 | 583.1 | 641.4 | 699.7 | 758.0 | 816.3 |
| 9,900 | 294.5 | 324.0 | 353.4 | 412.3 | 471.2 | 530.1 | 589.0 | 648.0 | 706.9 | 765.8 | 824.7 |
| 10,000 | 297.5 | 327.2 | 357.0 | 416.5 | 476.0 | 535.5 | 595.0 | 654.5 | 714.0 | 773.5 | 833.0 |

AN ACROBATIC BOMBER?

"The Dawn of Discipline" (June/July 2009) brought to mind a sight that astounded me. I was assigned to the Air Force Armament Center at Eglin Field in Florida. Every year the AFAC had a Fire Power Demonstration for visiting military officials, House and Senate members from Washington, D.C., and other dignitaries. Prior to the demonstration, several types of aircraft would make practice passes over the main part of Eglin Field.

A member of my squadron told me he had seen a B-47 make a toss-bomb maneuver and that on practice day I should watch for it. I questioned him, suggesting that he must have had the aircraft designation wrong; I strongly doubted that a B-47 could make such a maneuver. The aircraft was too big and heavy, and the wings were too long and flexible to support the aircraft weight.

The practice day arrived, and around noon I saw a B-47 fly over Eglin Main, pull up into a vertical climb, roll over from an inverted position at the top of the climb, and fly away in the opposite direction. What a thrill! The entire maneuver looked so smooth and easy, as though this was an everyday maneuver for the B-47. I was very surprised, and full of apologies for my fellow airman.

Robert M. Wilson
Wakefield, Rhode Island
AIR & SPACE www.airspacemag.com

Ah' Those endearing metaphors !!

An elderly gentleman and his wife were invited to their friends home for dinner one evening. He was impressed by the way the host preceded every request to his wife with endearing terms such as: Honey, My Love, Darling, Sweetheart, Pumpkin, etc. The host couple had been married almost 70 years and, clearly, they were still very much in love. While the wives were in the kitchen, the old man leaned over to his host, 'I think it's wonderful that, after all these years, you still call your wife all those loving pet names'. The host hung his head. 'I have to tell you the truth,' he said, 'Her name slipped my mind about 10 years ago, and I'm scared to death to ask the cranky old girl what it is.'