

**INDEX
OF
NAR MAGAZINE BACK ISSUES**

**MODEL ROCKETEER
AMERICAN SPACEMODELING
SPORT ROCKETRY**

JANUARY 1973 TO CURRENT

**COMPILED AND PRESENTED
By**

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56500**

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COMPETITION ROCKETRY

ARTICLES

OVERVIEW

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Balsa—It's Selection, Care and Feeding

Author: Guppy **Source:** MR; Feb, 1975, Vol. XVII, No. 1, page 7.

Beat Those Wintertime Blues

Author: Williams, Tony and Gassaway, George **Source:** MR; Jan, 1983, Vol. 25, No. 1, page 3.

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Competition Tips and Tricks

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Author: Boyette, Rick **Source:** AS; Dec. 1988, Vol. 31, No. 12, page 7.

Do You Have What It Takes to Be A Winning Contest Rocketeer?

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Author: Zingler, Jim **Source:** MR; June, 1980, Vol. 22, No. 6, page 9.

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Author: SNOAR News **Source:** MR; Apr, 1978, Vol. 20, No. 4, page 9-11.

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Author: Redd, Cathy **Source:** MR; Jan, 1982, Vol. 24, No. 1, page 7.

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Author: Gross, Keith **Source:** MR; Sept, 1974, Vol. XVI, No. 8, page 4.

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Author: Unknown **Source:** MR; Nov, 1978, Vol. 20, No. 11, page 3.

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Author: Ash-Poole, Jennifer **Source:** SR; May/June, 1997, Vol. 40, No. 3, pages 12-13, 16.

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Author: Unknown **Source:** SR; Summer, 1995, Vol. 38, No. 3, page 32-33.

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A Zero-Volume Piston Launcher

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Brass Head Piston Launcher, The

Author: Gassaway, George **Source:** AS; June, 1984, Vol. 26, No. 7, page 4.

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Author: Steele, Matt and Gassaway, George **Source:** AS; Dec, 1984, Vol. 26, No. 10, page 10.

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It Certainly Was Different Flying Under the New Pink Book

Author: Fox, Joy N. **Source:** MR; Mar, 1980, Vol. 22, No. 3, page 4-5.

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Notice of Rulemaking Procedures

Author: White, Terry **Source:** AS; Jan/Feb, 1991, Vol. 34, No. 1, page 23-25.

Provisional Event Competition Update

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Build the S. C. (C Payload)

Author: Beyers, Craig **Source:** MR; Oct, 1980, Vol. 22, No. 10, page 12.

Building for Six-C Cluster Altitude

Author: Etzel, Wally **Source:** SR; Jan/Feb. 1998, Vol. 41, No. 1, page 24-28.

Chipmunk, The Payload & Quadrathon

Author: Vandall, Paul **Source:** MR; June, 1973, Vol. XV, No. 5, page 6.

Competition Corner Setting Up the Trackers

Author: Bundick, Mark **Source:** MR; Apr, 1983, Vol. 25, No. 4, page 4, 10.

Competition Plan Sandpiper

Author: Pho, Tam and Pho, Quang **Source:** MR; Jan, 1982, Vol. 24, No. 1, page 13.

Competition Rocketry A Altitude, C Payload, and Flying Altitude Events

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Competition Rocketry 6-C Cluster Altitude

Author: Wolf, Dan **Source:** SR; May/June, 1997, Vol. 40, No. 3, page 26-31.

Courier Payloader

Author: Mitton, Ed **Source:** AS; Mar. 1985, Vol. 28, No. 3, page 5.

Geodesic Data Reduction With the Hewlett-Packard 41CV Calculator

Author: Zsidisin, Greg **Source:** AS; Oct, 1986, Vol. 29, No. 10, page 14-15.

FAI Record Holder Dual Payload

Author: Unknown **Source:** MR; Apr, 1977, Vol. 19, No. 3, page 10.

Hot Tip (tracking powder protector)

Author: Hendler, David **Source:** MR; Nov, 1979, Vol. 21, No. 12, page 13.

Improved DR: A Fatal Flaw

Author: Crowell, Gary A. **Source:** MR; July, 1979, Vol. 21, No. 8, page 11.

Let's Update Tracking

Author: Meese Sr., George E. **Source:** MR; Feb, 1974, Vol. XVI, No. 1, page 16.

Lightning Bird

Author: Hoffer, David **Source:** MR; Sept, 1981, Vol. 23, No. 9, page 11.

Lightning XVII

Author: Cook, Dave **Source:** MR; June, 1983, Vol. 25, No. 6, page 9.

Mini-Munk Pee Wee Payloader (B Motor)

Author: Vandall, Paul D. **Source:** MR; Feb, 1974, Vol. XVI, No. 1, page 21.

Model Rocket Tips (using bulb applicator to insert tracking powder)

Author: Newill, Dave **Source:** MR; July, 1974, Vol. XVI, No. 6, page 24.

PARSEC-36 A Payloader

Author: Kaplow, Bob **Source:** AS; May, 1985, Vol. 28, No. 5, page 6.

Princess Laura Ann II, The (F Altitude)

Author: D'orrycott, David **Source:** MR; Jan, 1981, Vol.23, No. 1, page 8-9.

Randy Ringner's B/C Payloader

Author: Ringner, Randy **Source:** AS; Sept, 1984, Vol. 26, No. 9, page 11.

Rear Ejection B Altitude

Author: Barber, Trip **Source:** AS; Dec. 1985, Vol. 28, No. 12, page 9.

Saturday Night Special

Author: Beyers, Craig P. **Source:** MR; Apr, 1981, Vol. 23, No. 4, page 10.

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Author: Peterson, David **Source:** MR; Mar, 1975, Vol. XVII, No. 2, page 11.

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Author: Beyers, Craig **Source:** MR; May, 1980, Vol. 22, No. 5, page 11-12.

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Author: Malewicki, Douglas J. **Source:** MR; Oct, 1973, Vol. XV, No. 9, page 21.

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Author: Barber, Trip **Source:** MR; Feb, 1979, Vol. 21, No. 2, page 8-10.

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Author: Micci, Mike and Gresssman, Tom **Source:** MR; July, 1974, Vol. XVI, No. 6, page 8-11.

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Author: Behrends, Steve **Source:** MR; May, 1976, Vol. XVIII, No. 4, page 7-9.

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Author: Beach, Tom and Guzik, Joyce **Source:** AS; Nov/Dec, 1990, Vol. 33, No. 9, page 22-25.

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Build the Gosling (1/4A through A)

Author: Landis, Goeffrey **Source:** MR; Jan, 1981, Vol.23, No. 1, page 6-7.

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Author: Robinson, Brian **Source:** MR; Sept, 1980, Vol. 22, No. 9, page 8.

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Author: Nunnenkamp, Robert N. **Source:** MR; July, 1974, Vol. XVI, No. 6, page 13.

Competition Plan (1/4 A B/G Record Holder)**Author:** Rogers, Anthony **Source:** MR; Oct, 1982, Vol. 24, No. 11, page 16Competition Plan Build the Drifter (A-C Boost/Glide)**Author:** Zoo, Terence Wee Jin **Source:** MR; Feb, 1982, Vol. 24, No. 2, page 10.Competition Rocketry (C Boost/ Glide Plan)**Author:** Wolf, Dan **Source:** SR; Summer, 1996, Vol. 39, No. 3, page 29-30.Competition Rocketry (Low Impulse Boost/Glide)**Author:** Wolf, Dan **Source:** SR; Fall, 1995, Vol. 38, No. 4, page 13-15.Confederate Angel (no motor specified)**Author:** Massey, John S. and Kusterer **Source:** MR; Apr, 1976, Vol. XVIII, No. 3, page 6-7.CMR MANTA (A Through C Boost Glider designed by Howard Kuhn)**Author:** Williams, Fred **Source:** SR; Mar/Apr, 1997, Vol. 40, No. 2, page 31.D-Light B/G, The**Author:** Barber, Trip **Source:** SR; Nov/Dec, 1997, Vol. 40, No. 6, page 24-28.Design Rules for Boost and Rocket/Gliders**Author:** Gregorek, G. M. **Source:** MR; June, 1974, Vol. XVI, No. 5, page 14-16.Disaster 17-B Valkyrie (canard boost glider for D engine)**Author:** Blackstone, Bruce **Source:** MR; Jan, 1974, Vol. XV, No. 12, page 11-13.Drunken Idiot, The (Boost Glider 1/4A 3-2T, 1/2A3-2T Motors)**Author:** Carson, Don **Source:** MR; Aug, 1975. Vol. XVI, No. 7, page 8-9.Easy Rider IV (D12-3 Motor)**Author:** Gregorek, Jerry **Source:** MR; Mar, 1975, Vol. XVII, No. 2, page 6.Eiger 25 (Gnat B/G)(1/4A Motor)**Author:** Behrends, Steve **Source:** MR; Feb, 1974, Vol. XVI, No. 1, page 17.Effects of Turbulators, The**Author:** Elliott, Andrew **Source:** MR; Sept, 1973, Vol. XV, No. 8, page 26.Filly Willy Flim-flam Flyer Boost & Rocket Glider for Swift & Sparrow Events**Author:** Medina, Tony **Source:** MR; Dec, 1973, Vol. XV, No. 11, page 12-13.
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Author: Newill, Dave **Source:** MR; Aug, 1974, Vol. XVI, No. 7, page 12.

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Author: Barrowman, James **Source:** MR; July, 1973, Vol. XV, No. 6, page 9.

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Author: Conner II, Paul C. **Source:** MR; Jan, 1974, Vol. XV, No. 12, page 15.

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Author: Redd, Randall **Source:** AS; Mar, 1987, Vol. 30, No. 3, page 9.

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Author: Beyers, Craig **Source:** MR; July, 1981, Vol. 23, No. 7, page 8-9.

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Author: Newill, David B. **Source:** MR; Nov, 1973, Vol. XV, No. 8, page 16.

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Author: Beyers, Craig **Source:** MR; Mar, 1983, Vol. 25, No. 3, page 14.

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Author: Steel, Matt **Source:** AS; May, 1985, Vol. 28, No. 5, page 5.

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Author: Burzynski, Mike **Source:** MR; Sept, 1981, Vol. 23, No. 9, page 6-7.

Countdown to Space: The Flight of Astronaut Jay Apt

Author: Estes, Vernon **Source:** AS; July/Aug, 1991, Vol. 34, No. 4, page 4-5.

Delta Family Album, The

Author: Unknown **Source:** AS; Sept/Oct, 1990, Vol. 33, No. 8, page 26-31.

Dyna-Soar

Author: Anderson, Robert **Source:** AS; May, 1985, Vol. 28, No. 5, page 12.

X-20 Dyna Soar

Author: Houchin, Roy and Joyce, Dan **Source:** AS; June, 1986, Vol. 29, No. 6, page 7-10.

"Eagle Has Landed, The" The Epic Journey of Apollo 11

Author: Grills Jr., Joseph M. **Source:** SR; Aug, 1994, Vol. 37, No. 4, page 42-45.

Echo Space Balloons

Author: Desind, Herb **Source:** AS; Nov/Dec, 1990, Vol. 33, No. 9, page 41-43.

Enterprise Begins Probing 'Final Frontier' The Space Shuttle—A Status Report

Author: Kennedy, George P. **Source:** MR; Dec, 1977, Vol. 19, No. 12, page 3-4.

Fire One, Fire Two

Author: Desind, Herb **Source:** AS; Aug, 1989, Vol. 32, No. 8, page 3-4.

Hail, Columbia

Author: Liss, Mike **Source:** MR; Sept, 1981, Vol. 23, No. 9, page 5.

Juno 1-Explorer, A Jupiter C By Any Other Name

Author: Talay, Theodore, Desind, Herb, and Strohm, Mark **Source:** AS; Jan, 1988, Vol. 31, No. 1, page 4-15.

Know Your Satellites

Author: Desind, Herb **Source:** MR; Mar, 1981, Vol. 23, No. 3, page 6.

Lambda: Launching Japan's First Satellite

Author: Alway, Peter **Source:** AS; Sept/Oct, 1992, Vol. 35, No. 6, page 12-14.

Launch of Consort 5, The

Author: Kirk, Douglas **Source:** AS; May/June, 1993, Vol. 36, No. 3, page 12-16.

Look Back...Look Ahead Space Activities in 1984 and 1985

Author: Desind, Herb **Source:** AS; Mar, 1985, Vol. 28, No. 3, page 10-12.

Modeling the First Spaceship The First Real Spaceship Is Coming

Author: Stine, G. Harry **Source:** AS; Mar/Apr, 1993, Vol. 36, No. 2, page 6-7, 42.

NASA News Updates...

Author: Unknown **Source:** MR; May, 1978, Vol. 20, No. 5, page 8.

NASA's Delta Launch Vehicle

Author: Courtesy of NASA **Source:** MR; July, 1974, Vol. XVI, No. 6, page 18-19.

New Wardrobe for Space

Author: Kennedy, Gregory **Source:** MR; Jan, 1978, Vol. 20, No. 1, page 5.

1988 The Pace Picks Up

Author: Desind, Herb **Source:** AS; Feb, 1989, Vol. 32, No. 2, page 10-11.

1989 The Year in Review

Author: Desind, Herb **Source:** AS; Mar, 1990, Vol. 33, No. 3, page 7-9, 11.

1990: The Year in Space

Author: Desind, Herb **Source:** AS; May/June, 1991, Vol. 34, No. 3, page 18-20.

On the Wings of Pegasus.

Author: Desind, Herb **Source:** AS; NARAM, 1992, Vol. 35, No. 5, page 10-11.

Pioneers to a Cloudy World

Author: Kennedy, Gregory P. **Source:** MR; Dec, 1978, Vol. 20, No. 1, page 13.

Reflections on Robert Goddard—Rocket Pioneer

Author: Wert, Douglas Matthew **Source:** SR; Oct, 1993, Vol. 36, No. 5, page 13.

Research Rocket Quiz

Author: Desind, Herb **Source:** MR; Aug, 1982, Vol. 24, No. 8, page 5, 18.

Ring Around the Sun

Author: Desind, Herb **Source:** AS; Nov/Dec, 1991, Vol. 34, No. 6, page 10-11.

Rocket Pioneer von Braun dead

Author: Unknown **Source:** MR; July, 1977, Vol. 19, No. 7, page 2.

Satellite Quiz

Author: Desind, Herb **Source:** MR; Mar, 1983, Vol. 25, No. 3, page 17, 19.

Saturn 1B Apollo in Earth Orbit

Author: Alway, Peter **Source:** SR; Jan/Feb, 1995, Vol. 38, No. 1, page 37-40.

Saturn V Launch Vehicle

Author: Pursley, John **Source:** AS; July, 1989, Vol. 32, No. 7, page 4-5.

Saturn V Launcher. The

Author: Gross, Paul **Source:** MR; Dec, 1973, Vol. XV, No. 11, page 14-19.

Saturn's First Stage, The S-IC

Author: Pursley, John **Source:** AS; July, 1989, Vol. 32, No. 7, page 5-11.

Scout's Honor

Author: Desind, Herb **Source:** AS; Sept, 1988, Vol. 31, No. 7, page 8-10.

Shuttlerise

Author: Apt, Jay **Source:** MR; July, 1982, Vol. 24, No. 7, page 8.

Skylab

Author: Sadowski, Elaine **Source:** MR; Aug, 1973, Vol. XV, No. 7, page 19.

Skylab

Author: Unknown **Source:** MR; Mar, 1974, Vol. XVI, No. 2, page 14-15.

Snapshot

Author: Desind, Herb **Source:** AS; Apr, 1988 Vol. 31, No. 4, page 6-7.

Soyuz Durable Workhorse of the Soviet Manned Space Program

Author: Harman, Ken **Source:** AS; June, 1985, Vol. 28, No. 5, page 6-7.

Soyuz Launch Vehicle

Author: Unknown **Source:** AS; Aug, 1985, Vol. 28, No. 8, page 8-11.

Space Center Houston

Author: Kirk, Douglas **Source:** SR; June, 1994, Vol. 37, No. 3, page 31-33.

Space History "America's First Moonshots"

Author: Grills Jr., Joseph M. **Source:** SR; Fall, 1995, Vol. 38, No. 4, page 16-18.

Space History Ion Powered Rocket Engines for Exploration of the Solar System

Author: Desind, Herb **Source:** AS; June, 1990, Vol. 33, No. 6, page 8-9.

Space History Touchdown! The Project Surveyor Story

Author: Grills Jr., Joseph M. **Source:** SR; Apr, 1994, Vol. 37, No. 2, page 16, 33-34.

Space Shuttle, The

Author: Stakem, Patrick **Source:** MR; Nov, 1974, Vol. XVI, No. 10, page 3.

Space Shuttle, The—An Overview

Author: Kennedy, George P. **Source:** MR; June, 1978, Vol. 20, No. 6, page 7-8.

Space Wrap, The The Year in Space: 1983/1984

Author: Desind, Herb **Source:** MR; Mar, 1984, Vol. 26, No. 3, page 4-5.

Tales From the Farside

Author: Desind, Herb **Source:** AS; Dec, 1989, Vol. 32, No. 12, page 9-10.

Voyage To the Outer Planets

Author: Kennedy, Gregory P. **Source:** MR; Jan, 1979 Vol. 21, No. 1, page 12-13.

Vostok to Voskhod Conversion

Author: Harman, Ken **Source:** AS; Nov, 1985, Vol. 28, No. 11, page 12-14.

SPORT ROCKETRY**ARTICLES**A Jupiter C Lighting System

Author: Strom, Judd **Source:** AS; NARAM, 1992, Vol. 35, No. 5, page 27-28.

Building An Astron Space Plane

Author: Hagerty, Jack **Source:** AS; Sept/Oct, 1992, Vol. 35, No. 6, page 16-17.

Confessions of A Closet Kitbasher

Author: Bonkowski, Vince **Source:** MR; Aug, 1982, Vol. 24, No. 8, page 14-15.

Fantasy Spacemodeling

Author: Bonkowski, Vince **Source:** MR; Jan, 1982, Vol. 24, No. 1, page 4-5.

Modrocs in Space?

Author: Burzynski, Michael **Source:** MR; Jan, 1976, Vol. XXI, No. 12, page 11.

Oddrocs

Author: Bercini, Lawrence **Source:** MR; Dec, 1981, Vol. 23, No. 12, page 4-5.

Perfecting a Lost Art! Retro Rocketry with "Flaming O" Retro-Roc

Author: Markielewski, Bruce **Source:** AS; Mar/Apr, 1992, Vol. 35, No. 2, page 12-15.

Sport Model Rocketry

Author: Neuman, Harry **Source:** MR; Dec, 1978, Vol. 20, No. 1, page 10.

Sport Modeling—Model Rocket Fun-Fly

Author: Neuman, Harry **Source:** MR; Feb, 1979, Vol. 21, No. 2, page 11.

Underwater Launching

Author: Fisher, Jeff **Source:** MR; Sept, 1973, Vol. XV, No. 8, page 16-17.

PLANS**AERIAL PHOTOGRAPHY**Advanced Rocketry Converting Cameras to Fly Might Be Just the Challenge You've Been Looking For

Author: Mahler, Ted **Source:** AS; Nov/Dec, 1990, Vol. 33, No. 9, page 18-21.

Art of Modroc Photography, The

Author: Landis, Geoffrey **Source:** MR; Mar, 1982, Vol. 24, No. 3, page 4-5.

Astro Views With Astrocams Aerial Photography with a Difference!

Author: Dye, William **Source:** AS; Aug, 1984, Vol. 26, No. 8, page 5-6, 11.

Derivation of Cineroc Telemetry Equations

Author: Smith, Bill **Source:** MR; Jan, 1974, Vol. XV, No. 12, page 14.

Flying Astrocams in Theory and Practice

Author: Hagerty, Jack **Source:** SR; Jan/Feb, 1995, Vol. 38, No. 1, page 10-11, 51.

Galactic Disc, The A Multi-photo Camera Carrier for the Kodak Disc 3000

Author: Zielinski, Joseph and Chadwick, Ray **Source:** MR; June, 1984, Vol. 26, No. 6, page 4-8.

High Power Rocket Photography

Author: Roberson, Steve **Source:** AS; Mar/Apr, 1992, Vol. 35, No. 2, page 4-7, 16.

High Quality 35mm Aerial Photography

Author: Binstock, Mort **Source:** SR; Jan/Feb, 1997, Vol. 40, No. 1, page 14-17.

Just Like Having a Wide-Angle Lens! F-100 Astrocams Conversion

Author: Pratt, Doug **Source:** MR; Jan, 1980, Vol. 22, No. 1, page 3, 8.

Live Rocket Video

Author: Grumbine, Dave **Source:** SR; Sept/Oct, 1998, Vol. 41, No. 5, page 19.

Mastering the AstroCam

Author: Binstock, Mort **Source:** SR; Oct, 1994, Vol. 37, No. 5, page 38-39.

Multi-frame (Sequence) Camera, The

Author: Alway, Peter **Source:** AS; Feb, 1989, Vol. 32, No. 2, page 5-7.

R & D Summary A Polaroid Camroc System

Author: Griffith, Patrick M. **Source:** MR; Dec, 1973, Vol. XV, No. 11, page 11.

Retrospective Rocketry The Rear-View Astrocam

Author: Desind, Herb **Source:** MR; June, 1980, Vol. 22, No. 6, page 6-7.

Rocket Territory Advanced Astrocaming

Author: Nestor, Art **Source:** SR; July/Aug, 1996, Vol. 39, No. 1-2, page 13-15.

Sport Rocketry Rocket Plan AstroCam Carrier

Author: Williams, Fred **Source:** SR; Holiday, 1995, Vol. 38, No. 5, page 24-25.

3-D Cineroc Movies

Author: Fentress, Stephen S. **Source:** MR; May, 1975, Vol. XVII, No. 4, page 7.

GENERALARTOO-DETOO (R2-D2)

Author: Gilbert, Randy **Source:** MR; Apr, 1978, Vol. 20, No. 4, page 4-5.
(*plan for R2-D2*)

A Big and Bigger Mosquito

Author: Elder, Greg **Source:** SR; Holiday, 1996, Vol. 36, No. 6, page 33-35.
(*3X and 4.8X scale-up of Estes Mosquito*)

A Two-Stage Clustered Saturn V

Author: Dye, Bill **Source:** AS; July, 1986, Vol. 29, No. 7, page 9-11.
(*converting the Centuri Saturn V kit into a 2 stage w/ 5 engine cluster in 1st stage*)

Accelerator, The A Sport Model Plan

Author: Beach, Thomas **Source:** SR; Sept/Oct, 1996, Vol. 39, No. 4, page 14-15.
(*series of exterior rings on "drive section" to simulate an ion engine. Flies on A8-3, B6-4, or C6-5*)

Astron Space Plane, The An Historic Boost/Glider

Author: Beyers, Craig **Source:** MR; Nov, 1983, Vol. 25, No. 11, page 14-16.
(*Plans for the Estes Astron Space Plane; the first boost/glider kit*)

Bertha Chopper, The Sport Plan

Author: Galindez, Peter **Source:** MR; Apr, 1974, Vol. XVI, No. 3, page 16-17.
(*kitbashing Estes "Big Bertha" to a 3 square finned model*)

Blitzkrieg Zero

Author: Altschuler, Andy **Source:** MR; Jan, 1984, Vol. 26, No. 1, page 6-7.11.
(*BT-60 w/ "pilot head" made from small ball, rear fins & wings, 9 BT-3 inside, flies on B4, C5, C6*)

Bottle Rocketry Is Fun

Author: Tavares, C. D. **Source:** MR; Dec, 1981, Vol. 23, No. 12, page 14-15.
(*add fins to 2 liter Diet Pepsi (or Coke) bottle & insert engine mount flown w/ C5-3 or C6-3*)

Build the American

Author: Masse, Richard **Source:** MR; Oct, 1980, Vol. 22, No. 10, page 14.
(*BT-55, red, white & blue stripes around body, fins painted blue & red, flies on A8-3, B4-4 or C6-5*)

Build the Amusing Flying Coffeepot

Author: Schalk Jr., Walt **Source:** MR; Sept, 1982, Vol. 24, No. 9, page 8-9.
(uses oatmeal box as body tube, BT-50 for engine mount, spout from plastic)

Build the Calypso 2

Author: Miller, Donald **Source:** MR; Dec, 1980, Vol. 22, No. 12, page 9.
(fun sport rocket)

Build the Concorde A Semi-scale Boost/Glider

Author: Gassaway, George **Source:** MR; July, 1980, Vol. 22, No. 7, page 12-14.
(semi scale Concorde boost/glider. Has internal pod)

Build the Don Quixote

Author: Alexander, David **Source:** MR; Aug, 1980, Vol. 22, No. 8, page 8-9.
(flexible internal rotors for helicopter recovery Uses 14 mm tube)

Build the ELROD-1

Author: Strakna, Tim **Source:** MR; Aug, 1981, Vol. 23, No. 8, page 11.
(BT-60 transitions to BT-55 approx 26 inch model flown with B6-4 or C6-5)

Build the Falcon

Author: Sarosi, John **Source:** MR; Nov, 1981, Vol. 23, No. 11, page 17.
(BT-20 transitioned to BT-50 approx 16 inches flown with 1/2A to C Motors)

Build the Hamilton

Author: Pell, Harland **Source:** MR; Feb, 1982, Vol. 24, No. 2, page 11.
(flown on A-D motors removable motor mount uses BT-50, fins 7" root & trailing edge)

Build the Heads Up! A "Surprise" Rocket

Author: Fortune, Bob **Source:** SR; Mar/Apr, 1999, Vol. 42, No. 2, page 28-29.
(Appears to be a 3 stage rocket. Stages remain on pad and an enclosed rocket is launched)

Build the High Fly'n Bird

Author: Cardillo, Rich **Source:** MR; May, 1982, Vol. 24, No. 5, page 12.
(updated version of the Aerobee Hi)

Build the Mork From Ork

Author: Woo, Stanley and Baettig, Cynthia **Source:** Apr, 1980, Vol. 22, No. 4, page 12.
(sport egg lofter using L'eggs panty hose container, on BT 20 equivalent, Flies A8-3 thru C6-5)

Build the Opel

Author: NOVAAR Free Press **Source:** MR; Feb, 1980, Vol.22, No. 2, page 6-7.
(Russian flex-wing model)

Build the PPX-1

Author: Polillo, Paul **Source:** MR; Nov, 1982, Vol. 24, No. 11, page 13.
(BT 55 transitions to BT-50, fins are inverted can fly on C motors)

Build the Purple People Eater

Author: NOVAAR Free Press, Brown, Ken **Source:** MR; June, 1980, Vol. 22, No. 6, page 12.
(BT-60, 7 inch model w/ round, swept fins Purple people eater monster face on nose cone)

Build the Roetem Supersonic Plans!

Author: Mund, Chuck **Source:** MR; May, 1982, Vol. 24, No. 5, page 11.
(E-engine w/ fins sanded to acute wedge on leading & trailing edges w/ pointed nose cone)

Build the Roundfin 1

Author: Beyers, Craig P. **Source:** MR; Apr, 1981, Vol. 23, No. 4, page 11.
(BT-50 body but fins are from glued together BT-20, flies on D12 motor)

Build the Sidewinder

Author: McCallister, Thomas A. **Source:** MR; Aug, 1980, Vol. 22, No. 8, page 13.
(*BT-50 has 4 delta fins flies on A8-thru C6 motors*)

Build the Strato Cruiser

Author: Bercini, Lawrence **Source:** MR; Sept, 1980, Vol. 22, No. 9, page 9.
(*square edged rocket designed from a space plane, Flies on D12 motor*)

Build the SYGHSB—A Cluster-engined Sport Rocket

Author: Rains, Jon **Source:** MR; May, 1980, Vol. 22, No. 5, page 8-9.
(*BT-60 to BT-50, 6 ft rocket w/ 3 BT-50 motor mounts*)

Build the TACY-ON A Beginners/Sport Cluster Model

Author: Russel, Chas **Source:** AS; Feb, 1985, Vol. 28, No. 2, page 8-9.
(*BT-60 housing 3 BT-20 engine tubes flies w/ 3 A8-3, B6-4 or C6-7*)

Build the Tri-F-O

Author: Gassaway, George **Source:** SR; Summer, 1996, Vol. 39, No. 3, page 16-17, 42.
(*triangular shape w/ engine mount in center. supported by struts has spin tabs*)

Building the Flying Jenny II

Author: Costello, Tom **Source:** MR; Mar, 1982, Vol. 24, No. 3, page 12-13.
(*flown on A8-3 looks somewhat like the Estes Mosquito*)

Building the Heavy-duty Sport Model Sandia-Sandhawk

Author: Rietz, Jay C. **Source:** SR; July/Aug, 1997, Vol. 40, No. 1, page 14-17.
(*BT-60 reinforced w/ fiberglass, has ejection piston, flies on Es thru G motors*)

Callisto Super Sport Plan

Author: Altschuler, Andy **Source:** MR; Oct, 1983, Vol. 25, No. 10, page 8-9.
(*BT-70 to BT-60, 4 lower fins w/ Bt-20 auxiliaries, 2 forward fins & a nose fin. Flies on D12- 3*)

CANOPUS 2 Cluster Sport Model

Author: Mitton, Ed **Source:** MR; Sept, 1983, Vol. 25, No. 9, page 5.
(*BT-20 w/ 2 BT-5 pods flies on A thru C motors in center & ½ A3-0T or A3-0T in pods*)

Cloud-9 High-flying Sport

Author: Cloud, Tom **Source:** MR; June, 1983, Vol. 25, No. 6, page 10-11. 14.
(*BT-55 model for E or F motors*)

CUBIX A Silly Cube Shaped Rocket for All Seasons

Author: Gaff, Richard **Source:** SR; May/June, 1999, Vol. 42, No 3, page 16.
(*poster board folded into cube, BT-20 motor mount, 1/8 inch wooden dowels for exterior support*)

Delta-Cygni, The A Sport Model with Unusual Design Features

Author: Pilato, Dean **Source:** AS; June, 1988, Vol. 31, No. 6, page 5-7.
(*Clipped Delta wings w/ rudders on BT-50 Files w/ B4-4, B6-4 or C6-5*)

Double Trouble

Author: Shenosky, Larry **Source:** AS; Sept/Oct, 1990, Vol. 33, No. 8, page 24-25.
(*2 stage rocket built w/ BT-5 flies w/ A10-0T in booster & 1/2A3-4T or A3-4T in upper stage*)

El Grosso A D-Engine Cluster Sport Model

Author: Mitchell, Michael **Source:** AS; Feb, 1987, Vol. 30, No. 2, page 4-6.
(*BT-70 transitioning to BT-60 to house 3 D12-5 motors*)

ESR—Eggstremely Stupid Rocket

Author: Chambers, Stephen **Source:** AS; Dec, 1984, Vol. 26, No. 10, page 10.
(*fins on plastic egg capsule*)

Fiddle Faddle

Author: Bynum, Gary **Source:** MR; Mar, 1984, Vol. 26, No. 3, page 6.
(*super stable, elongated narrow fins attached to square base, uses BT-20 flies on 1/2A6-2*)

15-Minute Bird, The

Author: Galindez, Peter **Source:** MR; Sept, 1973, Vol. XV, No. 8, page 24.
(*plan that is designed to be built in 15 minutes. Can be used to teach groups*)

Fireball X-L5 Sport Plan

Author: Bercini, Lawrence **Source:** MR; Feb, 1983, Vol. 25, No. 2, page 16.
(*B6-4 powered model that is a cross between a rocket and an airplane*)

Fly A Grumpy Dog

Author: Engelauf, Phil **Source:** MR; Nov, 1973, Vol. XV, No. 10, page 6-7.
(*two stage model using D12-0, D12-5 motors in BT-70/4BT-60 tubes*)

Flying Jato, The Sport Plan.

Author: Costello, Tom **Source:** MR; Dec, 1982, Vol. 24, No. 9, page 9.
(*12" model using BT-60 w/ exterior nozzle*)

Flying Wedge, The Parasite Glider

Author: Parlhini, Frank **Source:** MR; Feb, 1973, Vol. XV, No. 1, page 12.
Parasite Boost Glider for Sport Flying

Giant Avenger, The

Author: Mitchell, Michael **Source:** AS; Oct, 1985, Vol. 28, No. 10, page 9-10.
(*scaleup of the Estes Avenger w/ internal launch lug system flies on D12-0 to D12-5*)

Gyrojet, The

Author: Pilato, Dean **Source:** MR; May, 1984, Vol. 26, No. 5, page 6-7.
(*helicopter recovery sport rocket using BT-50 flies on B4-4, B6-2*)

Harpoon

Author: Wu, Yitah **Source:** SR; May/June, 1998, Vol. 41, No. 3, page 25.
(*boattail on BT-55, has 6 pseudo heat exchangers & 3 engine pods*)

Have Fun Building the MIG-21

Author: Horner, Jim **Source:** SR; Nov/Dec, 1996, Vol. 39, No. 5, page 31-34.
(*parasite boost gliders designed to resemble the Russian MiG-21 fighter. Booster plan too*)

Hefty Hauler, The

Author: Irvine, Jerry **Source:** MR; Feb, 1981, Vol. 23, No. 2, page 8.
(*2 stage, 2 inch diameter rocket, takes 29mm or smaller motors*)

Hidden Wonder

Author: Baggerman, Bob **Source:** MR; Dec, 1981, Vol. 23, No. 12, page 16.
(*has second stage with folded fins hidden inside of model*)

Hidden Wonder Sport Plan

Author: Baggerman, Bob **Source:** MR; May, 1974, Vol. XVI, No. 4, page 10-11.
(*has second stage with folded fins hidden inside of model*)

High Test 1325 Sport Plan

Author: Shecter, Fred **Source:** MR; Mar, 1983, Vol. 25, No. 3, page 10-11.
(*one or two stage cluster rocket*)

IGNYX

Author: Conner II, P. C. **Source:** MR; July, 1975, Vol. XVII, No. 6, page 4.
(*BT-5 size rocket enclosed in a BT-60 nosecone*)

Infinite Square Oddroc Model with "Infinite Loop" Ancestry, The

Author: Bercini, Lawrence **Source:** AS; Oct, 1984, Vol. 26, No. 11, page 6-7.
(poster board construction, 8 folded open cubes used instead of fins, flies on A8-3, B6-4)

Infinite Variations

Author: Forbis II, Robert **Source:** AS; Nov, 1985, Vol. 28, No. 11, page 6-7.
(poster board construction folded into various shapes & configurations)

Invader Oddroc Boost/Glider

Author: NOVAAR Free Press **Source:** MR; Dec, 1981, Vol. 23, No. 12, page 6-7.
(8 ¾ diameter Circle instead of traditional wing based on Estes Pie Plate)

JAWS

Author: Handy, Binky **Source:** MR; Feb, 1980, Vol.22, No. 2, page 9.
(BT-60, 3 fins, covered w/ mylar & painted shark teeth on nose, flies on D12 motors)

KADET II Kitbask Konversion, The

Author: Neuman, Harry P. **Source:** MR; Dec, 1979, Vol. 21, No. 13, page 8.
(using 2 Estes Kadet kits to make a 2 stage model)

Kitbash Build the Douglas Model 684

Author: Dauphin, Bill **Source:** AS; NARAM, 1992, Vol. 35, No. 5, page 30, unnumbered.
(Build the 684 from an Estes Bullpup kit)

Kitbashing for the Astron Ranger

Author: Williams, Fred **Source:** SR; Jan/Feb, 1997, Vol. 40, No. 1, page 33-35.
(Build the Astron Ranger using Estes Big Bertha kit)

Luke Skywalker Sky Speeder

Author: Greenlee, Claud T. **Source:** MR; Sept, 1979, Vol. 21, No. 10, page 13-14.
(rocket version of Luke's Land Speeder using BT-20 & 55 w/ poster board covering)

Maxi-Mega from Space Coast Rocketry

Author: Unknown **Source:** MR; June, 1983, Vol. 25, No. 6, page 16-17.
(2 stage w/ 2 outboard pods constructed similar to Estes Omega flown w/ C6 & D12 motors)

Maxi Sprite A Caffeine Free Sport Rocket

Author: Kaplow, Bob **Source:** SR; July/Aug, 1999, Vol. 42, No. 4, page 17-19.
(a 3.4X scale up of the Astron Sprite using a ring of body tube as a tail ring)

Mephisto, The from "The Leading Edge"

Author: From "The Leading Edge" **Source:** AS; Sept, 1989, Vol. 32, No. 9, page 12-13.
(futuristic looking model w/ fins that appear to fold back on themselves)

Merging Two Classic Kit Designs

Author: Williams, Fred **Source:** SR; Mar/Apr, 1997, Vol. 40, No. 2, page 29-30.
(combining the Estes Omega with the CMR Manta)

Microc

Author: Seki, Katsuhiko **Source:** MR; July, 1980, Vol. 22, No. 7, page 18.
(small, BT-60 to BT-20 model, has 4 fins)

Micromanche- 3 Three-stage Mini-engine Sport Model

Author: Dauphin, Bill **Source:** SR; Sept/Oct, 1997, Vol. 40, No. 5, page 46-47.
(based on Estes Commanche-3 kit scaled down to BT-5)

Mini-Bomarc: A BG Conversion

Author: Warnock, Joe **Source:** AS; May, 1986, Vol. 29, No. 5, page 6-7, 14.
(conversion of Estes Bomarc kit into a boost glider)

Mini Mars Lander

Author: Flis, Jim **Source:** AS; Feb, 1986, Vol. 29, No. 2, page 6-8.
(self explanatory, decals are at scale so can be photocopied for use)

Mini V-2

Author: Bowitz, M. E. **Source:** AS; Jan, 1989, Vol. 32, No. 1, page 9.
(7 inch version of the V-2 rocket flies on 1/2A or A motor)

Mini-Hawk Model Rocket

Author: Bowitz, M. E. **Source:** SR; Jan/Feb, 1998, Vol. 41, No. 1, page 29.
(boattail, 4 fins make rocket look glider but recovers w/ parachute flies on mini motors)

Modifying the Estes Venus Probe for 24 mm Motors

Author: Elder, Greg **Source:** SR; Sept/Oct, 1997, Vol. 40, No. 5, page 18.
(Modifying Estes Venus Probe to fly using D12-5 motor or E-15-7 if brave)

Modular Rocketry

Author: Clay, Pete **Source:** MR; Oct, 1981, Vol. 23, No. 10, page 7-9, 12.
(kitbashing Estes Patriot and Mean Machine & plan for model w/ booster stages)

Moon Raker

Author: Handy, Binky **Source:** MR; Mar, 1981, Vol. 23, No. 3, page 11.
(BT-60, 3 BT-20 motor mount tubes, has 3 swept back trapezoid fins)

NARTREK Gold Level Design SN-2 (Quadrant -1)

Author: Stine, G. Harry **Source:** MR; Jan, 1979, Vol. 21, No. 1, page 8-9.
(353 mm 3 fin rocket can be used for either sport or competition)

NARTREK Gold Level S/N-001 "Thor Delta"

Author: Wetsch, John **Source:** MR; Dec, 1978, Vol. 20, No. 1, page 8-9.
(first NARTREK rocket using A to C motors. Has 6 fins)

Nike Apache Conversion

Author: Wiersbe, Bob **Source:** SR; June, 1994, Vol. 37, No. 3, page 22-24.
(modifying Estes Nike-Apache kit to a 2 stage model. Flies on B6-4 or C6-7 to 1/2A3-4T)

1950's Aerodynamics Revisited: Build the Mars Rocket !

Author: Bertschy, Ed **Source:** SR; May/June, 1997, Vol. 40, No. 3, page 21-23.
(designers concept of a science fiction Mars Rocket)

"No Name Yet", The

Author: Shea, Bruce **Source:** AS; Dec, 1988, Vol. 31, No. 8, page 10.
(BT-80 to house 2 BT50 engine mounts, flies on D thru G motors)

Old Glory

Author: Shecter, Fred **Source:** MR; Oct, 1982, Vol. 24, No. 10, page 8.
(C5-3 motor powered model that deploys U.S. flag w/ 2 parachutes)

Orbital Obsession

Author: Ware, Jason **Source:** SR; Mar/Apr, 1999, Vol. 42, No. 2, page 2, 11.
(Scale up of the Estes Orbital Transport)

Oscar Two Stage Sport Rocket

Author: Conner II, Paul **Source:** MR; Dec, 1973 Vol. XV, No. 11, page 21.
(17.30 inch 2 Stage plan)

Paper Tiger, The

Author: Galindez, Peter **Source:** MR; May, 1975, Vol. XVII, No. 4, page 9.
(Made by using paper, cardboard, string, clay, a penny, and two spent engines)

Parthenon 4

Author: Pierce, Scott **Source:** MR; May, 1974, Vol. XVI, No. 4, page 19.
(4 inch aerodynamic model no recovery system using CMR parts)

Pratt Family Tri-motor Sport Cluster Model

Author: Unknown **Source:** AS; July/Aug, 1992 Vol. 35, No. 4, page 24-25.
(BT-60 transitioning to BT-55, 3 BT-20 motor mounts, Flies on 3 B6-2, C-6-7 or D21-10)

Pyramid

Author: Bercini, Lawrence **Source:** MR; Dec, 1981, Vol. 23, No. 12, page 8.
(poster board cut and folded into triangle with engine mount flown on C6-3)

Quebec

Author: Pilato, Dean **Source:** AS; Oct, 1986, Vol. 29, No. 10, page 7.
(2 BT-20 pods w/ 2 fins each supporting elevated BT-50 center tube flies A8 thru C6 motors)

Quick-Mac-1

Author: Zuniga, Carlos **Source:** MR; Jan, 1982, Vol. 24, No. 1, page 8.
(4 2" BT-5 glued to BT-20 & fins attached w/ 2nd set of fins attached 2" above A8-3 thru C6-7)

Red Baron

Author: Woodard, Dick **Source:** MR; Mar, 1980, Vol. 22, No. 3, page 12.
(uses BT-55, trapezoid fins flies A thru C motors)

Ring Tail 1

Author: Shenosky, Larry **Source:** MR; Feb, 1974, Vol. XVI, No. 1, page 22.
(Uses sections of body tubes instead of 3 fins. Uses A3-4T Motors)

Road Dog A BIG Sport/Demo Model

Author: Pearce, Scott **Source:** MR; June, 1981, Vol. 23, No. 6, page 11.
(4 inch tube transitioning to BT-70)

Scaling up the Pegasus

Author: Briggs, Gary **Source:** SR; July/Aug, 1996, Vol. 39, No. 1-2, page 22-25.
(scale-up of the Estes Pegasus kit to fly on H128 using LOC 2.14 body tube)

SHRDLU Rocket of the Century

Author: Gross, Paul **Source:** MR; Apr, 1974, Vol. XVI, No. 3, page 12-13.
(5 fin model rocket design making fun of construction notes)

SSBS-S3

Author: Seki, Katsuhiko **Source:** MR; May, 1981, Vol. 23, No. 5, page 8.
(2 cluster model for mini motors)

Siberian Smasher, The A Two-Stage Sport Model

Author: Stitely, Mike **Source:** MR; July, 1982, Vol. 24, No. 7, page 10.
(3 sets of 4 fins, uses BT-20, flies as 2 stage model)

Silver Fox Nartrek Gold Award Winner

Author: Smith, Spring **Source:** MR; Jan, 1983, Vol. 25, No. 1, page 9.
(BT-55 w/ 2 sets of 4 rectangular fins flown on A8-3, B4-4 or C6-5)

Skeeter, The

Author: Frost, Doug and Clark, Larry **Source:** AS; July/Aug, 1990, Vol. 33, No. 7, page 22.
(small model patterned after the Estes Mosquito flies on 1/2A or A mini motors)

"Slugger" & the "Grand Slam", The An Unusual Sport Combo

Author: Shecter, Fred **Source:** MR; Apr, 1974, Vol. XVI, No. 3, page 20.
(using plastic bat & ball, both converted to fly D12-3 for bat and A10-3T for ball)

Sonic Intimidator, The

Author: Lahti, John **Source:** AS; Dec, 1988, Vol. 31, No. 12, page 8-9.
(BT-70 transitioning to BT-60 flies w/ E or F motors)

Sound Cineroc

Author: Crafton, David **Source:** MR; Sept, 1973, Vol. XV, No. 8, page 14-15.
(has onboard microphone to record sounds of flight housed in an Estes Omega kit)

Sparky The Flying Asparagus

Author: Kushnerick, Doug **Source:** MR; Aug, 1979, Vol. 21, No. 9, page 6-8.
(painted green, using BT-60 & BT-50, balsa for arms & legs (& 1 fin) and wiggle eyes)

Sport Rocketry Rocket Plan Giant Flying Pyramid

Author: Gaff, Rick **Source:** SR; May/June, 1996, Vol. 38, No. 7, page 13-14, 38.
(poster board folded into a pyramid onto foam core base w/ BT-50 engine mount tube)

Sport Rocketry Rocket Plan the Mint Julep

Author: Nauert, David J. **Source:** SR; Fall, 1995, Vol. 38, No. 5, page 24-25.
(2 stage cluster model BT 50 1st stage, BT-50 to BT-20 upper stage 2 BT-5 outboards)

"Super Nova III" Clustered-Staged Sport Model

Author: Yates, Steve **Source:** MR; June, 1978, Vol. 20, No. 6, page 9-10.
Author: Summary Article **Source:** MR; Highlights, 1978, Vol. 21, No. 3, page 18-19.
(BT-60 w/ 2 BT-20 outboards flies on C6-0 & 2 C6-7 in first stage and B motors in 2nd & 3rd stage)

T-65 X-Wing Fighter

Author: Stine, Bill **Source:** MR; Apr, 1978, Vol. 20, No. 4, page 6-7.
(Plan for Star Wars X-Wing Fighter)

Tasmanian Devil, The A "No Moving Parts" Helicopter Model

Author: Gassaway, George **Source:** AS; July, 1986, Vol. 29, No. 7, page 5.
(fins have rotors attached to use as a recovery system by autorotation)

Thermic Dart A B/G Kit Conversion (Sport Model)

Author: Costello, Tom **Source:** AS; Aug, 1985, Vol. 28, No. 8, page 13.
(conversion of Jetco's Thermic Dart designed for hand launching flies on B4 or 6-2 & C5 or 6-3)

Topkat

Author: Pastrick, Tom **Source:** MR; Apr, 1983, Vol. 25, No. 4, page 9.
(BT-60 transitioning to BT-20 using 3 or 4 upswept fins)

Transit

Author: Costello, Tom **Source:** MR; Aug, 1983, Vol. 25, No. 8, page 9.
(BT-20 transitioning to BT-5)

Tuber, The

Author: Bergh, Sam **Source:** MR; Oct, 1982, Vol. 24, No. 10, page 9, 13.
(built using 9 sections of BT-50 instead of fins, has rear ejection)

UFO For Two

Author: Steele, Matt **Source:** AS; Aug, 1985, Vol. 28, No. 8, page 12.
(Kitbash of Estes "Flying Saucer" attaching 1 UFO on top of 2nd flown w/ D12-0 to B6-0 or C6-0)

UFO: Ulysses The Flying Octopus

Author: Bercini, Lawrence **Source:** MR; Dec, 1981, Vol. 23, No. 12, page 13.
(10" balloon covered w/ airplane tissue after drying insert BT-20 & 8 fins flown w/ C5-3 or C6-3)

ULTRA SAM (Ultra Low Thrust Rocket Activities)

Author: Warnock, Joe **Source:** AS; Apr, 1988, Vol. 31, No. 4, page 8-9.
(rockets propelled by blowing into it via a "blow tube")

Wolverine, The A Cluster-D Sport Model

Author: McCallister, Thomas A. **Source:** MR; Jan, 1981, Vol.23, No. 1, page 7.
(Cluster model for D-12s or can be flown on single D12, has an Andromeda appearance)

TECHNICAL and THEORETICALA Guidance System for Model Rockets

Author: Bilger, Alan **Source:** MR; May, 1974, Vol. XVI, No. 4, page 14-18.

A Letter to the Technical Editor Mach 1 attempt

Author: Stakem, Paul **Source:** MR; Feb, 1973, Vol. XV, No. 1, page 11.

A Note to Serious-Minded Modelers

Author: Miller, James P. **Source:** MR; Dec, 1975, Vol. XX, No. 11, page 10-11.

Black Powder model rocket engines

Author: Barber, Trip **Source:** MR; June, 1975, Vol. XVII, No. 5, page 8-10, 12.

Break Mach-1 !!

Author: Barber, Trip **Source:** MR; Sept, 1980, Vol. 22, No. 9, page 6-7.

Breaking the Barrier

Author: Zsidisin, Greg **Source:** MR; May, 1982, Vol. 24, No. 5, page 7, 15.

Computer Programs For Model Rocketry: What Can We Expect?

Author: Harrington, Dudley **Source:** AS; Aug, 1988, Vol. 31, No. 8, page 15-16.

CGRAV...A Center of Gravity Program

Author: Catt, Martin **Source:** AS; Oct, 1987, Vol. 30, No. 10, page 6-8, 15.

CPRES---A BASIC Computer Program For Finding the Center of Pressure

Author: Catt, Martin **Source:** AS; Oct, 1987, Vol. 30, No. 10, page 13-15.

Design of the Boosted Dart

Author: O'Neill, Peter M. **Source:** MR; May, 1974, Vol. XVI, No. 4, page 6-7.

Fehskens-Malewicki Approximations to the Variable Thrust Model Rocket

Author: Miller, James P. **Source:** MR; Mar, 1976, Vol. XVIII, No. 2, page 7-11.

Mathematical Theory of the Variable Thrust Model Rocket

Author: Miller, James P. **Source:** MR; Nov, 1974, Vol. XVI, No. 10, page 6-8.

Mathematical Theory of the Variable Thrust Model Rocket Part Three

Author: Miller, James P. **Source:** MR; Apr, 1975, Vol. XVII, No. 3, page 4-5, 9.

Mathematical Theory of the Variable Thrust Model Rocket Part Four Final Comments

Author: Miller, James P. **Source:** MR; May, 1975, Vol. XVII, No. 4, page 8.

Measuring the Velocity Of A Model Rocket Using Sonic Doppler Shift

Author: Gasperi, Michael L. **Source:** AS; Feb, 1987, Vol. 30, No. 2, page 3, 14.

MINIG Research Gliders

Author: Clay, Pete **Source:** MR; Aug, 1973, Vol. XV, No. 7, page 8-11.

Model Rocket Flight A Program For the Timex/Sinclair-1000.

Author: Borman, Michael **Source:** MR; July, 1983, Vol. 25, No. 7, page 14.

Model Rocket Thrust Optimization

Author: Miller, James P.; Wehling, Christopher; and Poteet, Monroe **Source:** MR; July, 1976, Vol. XVIII, No. 6, page 6-7.

Night Launch

Author: Sollberger, David **Source:** SR; Apr, 1994, Vol. 37, No. 2, page 8-13.

Oil Flow Visualization Applied to Model Rocketry

Author: Dye, William **Source:** MR; Sept, 1974, Vol. XVI, No. 8, page 6-8.

1A-X95 Integrating Accelerometer

Author: Beach, Thomas **Source:** SR; Summer, 1996, Vol. 39, No. 3, page 34-35, 38.

Optimum Delayed Staging

Author: Kuechler, Thomas C. **Source:** MR; Aug, 1975, Vol. XVI, No. 7, page 10-13.

Ping-Pong Ball Altitude Measurements

Author: Fentress, Stephen S. **Source:** MR; July, 1975, Vol. XVII, No. 6, page 8-9.

R & D Summary An Investigation Into the Use of Titanium Tetrachloride in the Aid of Model Rocket Tracking

Author: Shay, Bruce **Source:** MR; July, 1973, Vol. XV, No. 6, page 11.

R & D Summaries Investigating Conical Stabilizers

Author: Chandler, Jeff **Source:** MR; Feb, 1973, Vol. XV, No. 1, page 15.

Rhamphorynchus Software's Model Rocket Drag Determination

Author: Harrington, Dudley **Source:** AS; Mar, 1987, Vol. 30, No. 3, page 4-3.

Rocket Research With Commercial Accelerometers

Author: Curcio, Larry **Source:** SR; May/June, 1997, Vol. 40, No. 3, page 17-20.

Rocket Tapes, The

Author: Ellis, Hal **Source:** AS; Aug, 1989, Vol. 32, No. 8, page 7.

Rocket Tek Reduce Complexity By Adding Technology

Author: Forrer, Andreas P. **Source:** SR; Dec, 1974, Vol. 37, No. 6, page 52-53.

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Author: Miller, Andrew; Tolliver, Charles; Musarra, John; Kreutz, Bob; and Woebkenberg, Ryan
Source: AS; NARAM, 1992, Vol. 35, No. 5, page 29, 41 -43.

Sonoroc, The

Author: Lavigne, Moose **Source:** AS; Feb, 1986, Vol. 29, No. 2, page 8.

Sounding Off About Temperature Inversions

Author: Langford, John **Source:** MR; Mar, 1974, Vol. XVI, No. 2, page 16-19.

Space Wrap, The Rocket Lasers

Author: Black, M. D. **Source:** MR; Feb, 1982 Vol. 24, No. 2, page 8-9.

Supersonic Model Rocket

Author: Milkie, Tom **Source:** MR; Aug, 1973, Vol. XV, No. 7, page 6-7.

Tech Talk Research (and Development) Summaries

Author: edited by Shenosky, Larry **Source:** AS; July/Aug, 1992, Vol. 35, No. 4, page 18-19.

Technical Feature Calculation of Air Density Throughout A Model Rocket's Flight

Author: Kuechler, Thomas **Source:** MR; Aug, 1973, Vol. XV, No. 7, page 21.

Technical Feature The Effect of Delayed Staging on a Multi-staged Model Rocket's Performance

Author: Kuechler, Thomas **Source:** MR; Jan, 1973, Vol. XIV, No. 12, page 8-9.
Correction in MR; Feb, 1973, Vol. XV, No. 1, page 15.

Technicorner Fading Art of Lighting Fire, The

Author: Carlton, Tom **Source:** AS; Dec, 1985, Vol. 28, No. 12, page 8, 13.

Technicorner Flight Performance Measurement

Author: Anderson, Robert **Source:** AS; Apr, 1985, Vol. 28, No. 4, page 8.

Triton Experiment, The

Author: Graham, Francis **Source:** AS; Apr, 1986, Vol. 29, No. 4, page 10-11.

Turbulation

Author: Elliott, Andrew S. **Source:** MR; Aug, 1974, Vol. XVI, No. 7, page 8, 11.

What Barrowman Left Out Sport Rocketry Technical Report

Author: Galejs, Robert J. **Source:** SR; May/June, 1999, Vol. 42, No 3, page 17-19.

Wind Effects on A Model Rocket's Flight Part 1

Author: Picolet, Randy **Source:** MR; Nov, 1973, Vol. XV, No. 10, page 8-9, 20.

Wind Effects on A Model Rocket's Flight Part 2 Optimizing the Flight For Altitude

Author: Kuechler, Thomas **Source:** MR; Oct, 1982, Vol. 24, No. 10, page 6-7.

Windward Everything You Always Wanted to Do for R & D

Author: Landis, Geoffrey **Source:** MR; May, 1981, Vol. 23, No. 5, page 6-7.

Windward Geodesic Data Reduction

Author: Landis, Geoffrey A. and Huber, Martin E. **Source:** MR; June, 1981, Vol. 23, No. 6, page 13.

Windward Technical Notes A Look at Dynamic Stability

Author: Landis, Geoffrey **Source:** MR; Feb, 1980, Vol. 22, No. 2, page 8-9.

Windward Technical Notes Altitude Tracking and Data Reduction

Author: Landis, Geoffrey **Source:** MR; Sept. 1983, Vol. 25, No. 9, page 10-12.

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Author: Barber, Trip **Source:** MR; Dec, 1980, Vol. 22, No. 12, page 10-12.

Windward Technical Notes Boost Glider Stability

Author: Landis, Geoffrey A. **Source:** MR; Nov, 1980, Vol. 22, No. 11, page 24-25.

Windward Technical Notes Boost Glider Stability, Part II

Author: Landis, Geoffrey A. **Source:** MR; Feb, 1981, Vol. 23, No. 2, page 6.

Windward Technical Notes Boost Glider Trajectories

Author: Landis, Geoffrey A. **Source:** Apr, 1980, Vol. 22, No. 4, page 10.

Windward Technical Notes Concerning the Fall of a Ping Pong Ball

Author: Gregorek, Gerald **Source:** MR; Sept, 1982, Vol. 24, No. 9, page 4-5.

Windward Technical Notes Cutting Up the Cardboard Cutout Method

Author: Spencer, Larry **Source:** MR; Jan, 1984, Vol. 26, No. 1, page 9.

Windward Technical Notes Engine Measurements with Home Computers

Author: Hosler, Chuck **Source:** MR; Oct, 1982, Vol. 24, No. 10, page 6-7, 10.

Windward Technical Notes In Pursuit Of Mach 1 Design For Supersonic Flight

Author: Donatelli, Geoffrey **Source:** MR; Oct, 1983, Vol. 25, No. 10, page 10-12.

Windward Technical Notes Penetrating the Cloud Barrier**Author:** Becker, Dan **Source:** MR; July, 1983, Vol. 25, No. 7, page 10.Windward Technical Notes Physics of Water-Propelled Rockets, The**Author:** Bakay, Carl **Source:** MR; Apr, 1984, Vol. 26, No. 4, page 6-7.Windward Technical Notes Odds and Ends**Author:** Landis, Geoffrey **Source:** MR; Apr, 1981, Vol. 23, No. 4, page 6-7.Windward Technical Notes Radar Tracking: Quite Elegant, or White Elephant**Author:** Barber, Trip **Source:** MR; Mar, 1980, Vol. 22, No. 3, page 6-7.Windward Technical Notes Rising Star Measuring the Speed of a Model Rocket in Flight**Author:** Mund, Chuck **Source:** MR; May, 1982, Vol. 24, No. 5, page 6-7, 10.Windward Technical Notes Self-Immolation of Supersonic Model Rockets, The: Fact or Fancy?**Author:** Meyer, Dan **Source:** MR; July, 1980, Vol. 22, No. 7, page 15-16.Windward Technical Notes Telekinesis in Competition Rocketry**Author:** Bercini, Lawrence **Source:** MR; Apr, 1983, Vol. 25, No. 4, page 6-7.Windward Technical Notes Two Station Tracking**Author:** Landis, Geoffrey A. **Source:** MR; Oct, 1980, Vol. 22, No. 10, page 10-11.Windward Technical Viewpoints**Author:** Landis, Geoffrey **Source:** MR; July, 1979, Vol. 21, No. 8, page 6.**TELEMETRY**A 49 Mhz Telemetry Transmitter for Model Rocketry**Author:** Gasperi, Michael **Source:** AS; June, 1985, Vol. 27, No. 5, page 11.A Multiplexer For the Foxmitter**Author:** Fox, Richard Q. **Source:** MR; Feb, 1974, Vol. XVI, No. 1, page 14-15.An Onboard Airspeed Measurement System**Author:** Mahler, Ted **Source:** AS; Sept; 1988, Vol. 31, No. 9, page 4-7,15.Lower Tropospheric Probe—Part 1 A Complete Model Rocket-borne Telemetry System**Author:** Babulski, David **Source:** AS; May, 1988, Vol. 31, No. 5, page 8-11.Lower Tropospheric Probe—Part 2**Author:** Babulski, David **Source:** AS; Aug, 1988, Vol. 31, No. 8, page 4-8.Lower Tropospheric Probe—Part 3**Author:** Babulski, David **Source:** AS; Dec, 1988, Vol. 31, No. 12, page 3-5.Lower Tropospheric Probe (LTP) Part 4**Author:** Babulski, David **Source:** AS; Jan, 1989, Vol. 32, No. 1, page 5-8.Model Rocket Telemetry**Author:** Babulski, David **Source:** MR; Sept, 1983, Vol. 25, No. 9, page 7, 13.Model Rocket Telemetry Part II**Author:** Babulski, David **Source:** MR; Dec, 1987, Vol. 25, No. 12, page 8-10.Model Rocket Telemetry Part III**Author:** Babulski, David **Source:** MR; Jan, 1984, Vol. 26, No. 1, page 4-6.

Model Rocket Telemetry Part IV—Mission Profiles and Launch Vehicles

Author: Babulski, David **Source:** MR; Apr, 1984, Vol. 26, No. 4, page 4-5, 8.

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Author: Babulski, David **Source:** MR; May, 1984, Vol. 26, No. 5, page 4-5, 8.

Model Rocketry Telemetry, The Final Chapter

Author: Babulski, David **Source:** AS; Sept, 1984, Vol. 26, No. 9, page 8-9.

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Author: Fox, Richard Q. **Source:** MR; Sept, 1973, Vol. XV, No. 8, page 6-7.

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Author: Fleischer, John M. **Source:** MR; Aug, 1975, Vol. XVI, No. 7, page 3, 13.

Speculation: "Intelligent" Model Rockets...An Update on the Possibilities of Mini-Telemetry Systems

Author: Insinga, Aron **Source:** MR; Feb, 1978, Vol. 20, No. 2, page 4.