

Welcome to Alan's Hobby, Model & RC FAQ Web Links

This information has taken a long time to acquire, if linking to, or copying links from this [page](#), please give credit to Alan Tong.

[Contact Alan](#) for further information, copies of files or to report links which are no longer valid.
Auckland N.Z.

[GCF Global Learning - Free tutorials for beginners to PC's and Internet](#)

Quick Search :::: - Allow page to finish opening, depress "Ctrl" + "F" keys to activate search engine. Enter a key word or a "section header", click "find next" to jump up or down page. (e.g. Richard Pearse ... "Flying Before The Wright Brothers." - use "Ctrl" + "F" keys, enter "Pearse" to navigate sub sections down page..)

Dead Links - Use The Internet Archive Wayback Machine to open an archived file.

[Internet Archive Wayback Machine - use to find MISSING LINKS](#)

[**If archived file blocked, email as per header above for .PDF or replacement link.** do not click here.](#)

Dictionaries, Internet safety, Time Zones, Translation services & Compressed File Extractors.

[Bing_Microsoft Translator - Translate a block of text or Translate a web page](#)

[Google Translator - Translate text, webpages and documents](#)

[Acronym, abbreviation, or initialism - Find out what any stands for..](#)

[Avast Home Edition - Anti Virus \(Freeware\): for Win98 onward ***](#)

[AVG Anti Virus \(Freeware\): for WinXP onward](#)

[CCleaner \(Freeware\) - Crap Cleaner , cleans history inc DAT files etc.](#)

[Dictionary.com](#)

[Izarc - Freeware Utility. Best known for opening .Rar and other Archive Files.](#)

[Language Dictionaries](#)

[TinyURL.com - Condense long website URL's](#)

[Spybot \(Freeware\) - Search & Destroy ***](#)

[SpywareBlaster \(Freeware\) ***](#)

[Time and Date - World clock, time and calendar converter.](#)

[Time Zone Converter - The Time Zone - What time is it in ____ ?](#)

[Urban Legends - debunked or otherwise - reference pages](#)

[Zone Alarm \(Freeware\) - PC Firewall FAQ](#)

Full Scale Reference Sites - scroll down between "Y" and "Country" lists.

Vision - a) Colour Blindness b) Sonic vision for the blind.

[Braille - Free online tutoring services](#)

[Colour Vision Test #1](#)

[Colour Vision test #2](#)

[Vischeck - Colour Blind \(even partially?\) auto adjust web page colours.](#)

[SonicVision - seeing with sound](#)

Alan' s Hobby Model & RC FAQ Web links

Aero Towing - Gliders & Banners.

[Aerotowing, release mechanism etc](#)

[Banner Towing](#)

[Glider & Banner Towing](#)

[Sail Planes Unlimited = Articles & Tips](#)

[Scale Soaring - Aerotowing](#)

[Aerotow Gliding - Graham Warren](#)

Aerobatics, Pattern, F3D & TOC 2002 news etc.

[2006 IMAC Pattern Sequences with K-Factors and Orientation notes](#)

[3D with Mike McConville](#)

[Ed's RC Pattern Page opening](#)

[Giant Scale Aerobatic List](#)

[Grotto 2, R/C Pattern "The web's longest running R/C pattern page".](#)

[International Miniature Aerobatic Club](#)

[PBG Composites & Team New Zealand - TOC 2002](#)

[NSRCA - Pattern Pages](#)

[NSRCA Trimming Chart](#)

[Stall and Spin + many other aerodynamic forces ***](#)

[RC Aerobatics for beginners \(see downloads - recommended\) ***](#)

[TOC 98 to Tucson 2005 News/Results](#)

Airbrush tips and techniques etc

[Iwata - Airbrush FAQ and Tips ***](#)

[Airbrush.com](#)

[Airbrush Pressure - How much is required](#)

[Airbrush talk, art, painting, illustration, auto graphics, crafts](#)

[Airbrushes - Dick Blik](#)

[Airbrush Technique Magazine , airbrush lessons](#)

[Airbrushing Tips - Golden.](#)

[Buying and Using an Airbrush](#)

[Compressor for airbrush - How to DIY ex fridge #1](#)

[Compressor for airbrush - How to DIY ex fridge #2](#)

[Compressor for airbrush - How to DIY ex fridge #3](#)

[Model Master Technical Guide Downloads](#)

[Thinning Paint to suit airbrush](#)

[Tips & Techniques - Galaxy Mech Works - click tips.](#)

[Victor Airtools](#)

Aircraft Design. Airfoils, Pull-Pull Systems, Flight Trim & Static Thrust Calculator. (CG,Colour,Trim etc.= more in Folders below)

[Ackerman linkage for Pull Pull systems - B.Felice](#)

[Aerodynamic Factors - by Ed Moorman](#)

[Aerodynamics - with animated examples](#)

[Aerodynamics In \[Plain\] Plane English](#)

[Aerodynamics of Spar&Rib Structures](#)

[Biplane Parameters and Decalage - email Alan for details.](#)

[Boost-tabs](#)

[Canards - Palos RC](#)

[Cardboard R/C Planes](#)

[Design Calc - Lee Van Tassle's RC Airplane Design Calculator inc Floats, Canards, CG etc - email Alan for winzip copy of original](#)

[Design - explanation for beginners](#)

[Design Parameters - Basic chart](#)

[Differential - Mechanical set-up - Correct Dutch roll and Drag.](#)

[Flapperons or Spoilerons ?](#)

[Flying Wing and Bird flight designs](#)

[Flutter - Curing flutter by Ed Moorman](#)

[Flutter - Cause, Cure & Misconceptions - with video.](#)

[Forces in Flight ***](#)

[Fowler flaps](#)

[Gliders & Vtails FAQ - DJ Aerotech -](#)

[Mass Balance Control Surfaces - prevent Flutter.](#)

[Plane Geometry - R C Soarer](#)

[Practical Model Design - RCFU](#)

[Pull Pull \[closed loop\] Controls - Brian Felice](#)

[Pull-Pull \[closed loop\] Controls - Bob Adkins](#)

[Pull-Pull \[closed loop\] Controls - Giant scale - R.Forgues](#)

[Pull-Pull Control Rigging - Ron Ellis](#)

[Pull-Pull Controls - Discussion Group](#)

[Reducing Induced Drag - Wing Tips and Tip Plates](#)

[Rotary Driver System - Ailerons-Elevators etc.](#)

["See How It Flies " an online book with many graphic images.***](#)

[Selected Topics of Model Aerodynamics](#)

[Sources of Aeronautical Information](#)

[Stability & Control - lateral, directional etc - animated](#)

[Static Thrust calculator - select prop etc *** - if site down, email Alan for a copy.](#)

[Trim Chart for flying RC aircraft](#)

[UIUC Airfoil Data Site](#)

[Wing Loading Charts for R C Aircraft](#)

[Wing Tip shapes & Plates - by Ed Moorman](#)

Airships, Blimps & Balloons.

[Advanced Hybrid Aircraft Home Page - Airships, Hovercraft & Blimps](#)

[Air Dynamic](#)

[Airship Resources \(airships, blimps\)](#)

[Balloon Pages on the World Wide Web](#)

[DIY Mylar Envelopes for Blimps & Balloons.](#)

[DraganFly - News](#)

[Hot Air Balloons, DIY kits & gas laws.](#)

[Minizepp!](#)

[Sejohna - advertising & RC](#)

[Small Blimp Parts](#)

[Solar Balloons - make your own for glider launching](#)

Anodizing, Brazing, Casting, Soldering, Silver Soldering , Welding Aluminium - DIY Articles.

[Aluminum Welding Aluminum Brazing Aluminum Soldering Aluminum Repair](#)

[Anodising Aluminium DIY - Tom How ***](#)

[Anodizing - DIY at home - Jim Bowes. \(original site down, email Alan for .pdf\)](#)

[Anodizing Aluminium DIY - Ron Newman \(original site down, email Alan for .pdf\)](#)

[DIY Bronze, Pewter, Zinc & Aluminium Casting - Home Foundry](#)

[Electroplating Kits - Anodizing - Powder Coating and Metal Polishing](#)

[How to solder - Instructables](#)

[Silver Soldering Metals](#)

[Soldering Guide - EPE](#)

[Soldering - A Beginner's Guide To Soldering - RC Universe Article***](#)

[Surface Mount Soldering 101 - with Video](#)

[Techno Weld. A revolution in aluminium welding](#)

Balsa & / vs Paulownia FAQ

["All About Balsa" - Sig Mfg - email Alan if site down](#)

[Balsa - Bending \(wood\) Sheeting](#)

[Balsa Density Calculator - download](#)

[Balsa wood - Interesting facts](#)

[DIY Transfer pattern to Balsa - Acetone Transfer](#)

[Paulownia vs. Balsa](#)

[Paulownia \(brittle but used by many ARTF in lieu of balsa\)](#)

[Specialized Balsa Wood](#)

[Wood Handbook, Wood as an Engineering Material](#)

[Solarbo USA](#)

Battery Care, Performance & DIY Battery Packs.

[101 re Charging RC Batteries - Titan Energy](#)

[101 Battery - Peak Detect Chargers - Not all Charge TX Batt Correctly unless Batt removed from TX.](#)

[101 LiPo vs. NIMH discharge curves](#)

[2.4 GHz - Voltage & Batteries Required by Receiver or Transceiver - Prevent Errors](#)

[A123 Battery \(aka LiFe PO4 cells\) FAQ for Giant Scale and IMAC](#)

[A123 Versus Nickel Hydride Receiver Battery Comparison](#)

[A123 Battery \(aka LiFe PO4 cells\) FAQ and Low Battery Warning Settings](#)

[A123 Battery pack - DIY Build Own fro DeWalt 36v Packs - Pictorial*](#)

[Battery \(Receiver packs\) . LiFePO \(aka A123 & LiFe\) ***](#)

[Battery \(Receiver packs\) . LiFePO \(aka A123 & LiFe\) - Alert re False Labels & excess voltage](#)

[Battery Technology - Handbook & FAQ](#)

[Getting the most of your batteries ***](#)

Lipo Batteries (Lithium Polymer) - (Risks of failure and fire = high.)

[Guide to Lithium Polymer Batteries and LiPo Failure Reports - Part 1](#)

[Guide to Lithium Polymer Batteries and LiPo Failure Reports - Part 2](#)

[LiPo Batteries - How to dispose of safely & Balancing cells w/out taps.](#)

[Lipo Batteries - NZ Fire Service warning re RC.](#)

[Lipo Battery - How to Split or Divide into Half](#)

[Li-Pol Explosion - Video ***](#)

[Lipo Fire Incidents by Cause](#)

[Lipo fire tests you need to see - video X 2 ***](#)

[Lithium Polymer - FAQ & applications](#)

[Lithium Ion & Lithium Ion Polymer Safety and Instructions](#)

[Lithium Ion Polymer Applications](#)

[Lithium Polymer - Do Not Use Lipo in Transmitters](#)

[Tom's RC Electronics Gadgets and Projects - Lipol fire *****](#)

[Battery University ***](#)

[Battery Eliminator Circuits](#)

[Batteries - graphic detail of stalled or binding servo ***](#)

[Batteries - Use The Right Type & Brand + Safety](#)

[Battery Comparison of Applications](#)

[Battery - How to make own packs](#)

[Battery meter - How to use own Digital Volt Meter. \(DIY Loaded Meter\)](#)

[Cell Break In and Balance Charging](#)

[Dual \(Parallel\) Battery Operation = EP Power Systems](#)

[Dual \(Parallel\) Battery Operation = Reliability & More Flight Time -](#)

[Dual \(Parallel\) Battery Operation = Dual A123 Battery Backup System](#)

[Dual batteries - Multiple Batteries may be installed for redundancy or even one for each servo.](#)

[Dual Batteries, isolators, 6v, voltage depression, redundancy, etc](#)

[Industrial Use Batteries](#)

[Introduction to batteries - Great Hobbies Techn.](#)

[Nexcell Battery Co = R & D](#)

[R/C Battery Clinic](#)

[Sanyo Batteries](#)

[Sealed Lead Acid batteries - care and charging. of SLA](#)

[Strengthening the Weakest Link Battery maintenance](#)

[Tech Talk : Maintaining Your Batteries](#)

[Tester for Nicads - PC Readout.](#)

[Transmitter Packs - Comparison of Alkaline, NiCd and NiMH with graphs](#)

[What About All Those NiCads - Tony van Roon](#)

Battery Chargers & DIY Power Supplies.

[Bantamtek Manuals = Multiplex LN5014, E-Station 301 & 501 and Hyperion chargers.](#)

[Chargers - How to recycle all those old plugins.](#)

[Cycler - FAQ , especially Hobbico Accu adjustment](#)

[Robbe Power Peak Infinity 2 \(Review\) = Sunji 3000 ex Kr.](#)

[12 Volt SLA Charger - simple circuit](#)

[PC Power Supply Conversion - FrankenPower! - Building a 12V Power Supply](#)

[PC Power Supply Conversion - Pat Harvey](#)

[PC Power Supply Conversion - Recker RC ***](#)

[PC Power Supply Conversion \(110/230 Vac to 12V \)](#)

[SLA \(Gell Cell\) Battery Charger #1](#)

[SLA \(Gell Cell\) Battery Charger #2](#)

Boats, Yachts, Submarines, Warship Combat and Nautical reviews

Thunder Tiger & MRP Yachts

[ETNZ 1M 1:25 Scale Racing Yacht](#)

[ETNZ - Building Tips & Reviews](#)

[Victoria \[Note = Use Hitec HS645MG for sail servo\]](#)

[Victoria - performance Tips by "The New Zealanders"](#)

[Victoria Resource Center](#)

[Victoria Yacht Sailboat - RCU Review - inc video](#)

[Voyager 1m *****](#)

[Voyager II - \(Fiberglass version.\)](#)

[VRC - How to Articles](#)

[TT. MRP Odyssey = 1:25 scale Benetau](#)

[TT. MRP Voyager Gooseneck upgarde](#)

[Academy RC boats - list and specs \(Email Alan for .pdf in need\)](#)

[Academy Triton 15 mph - 35mph hot racing tips. - \[Fast Electric Boat Racers \]](#)

[AC15 Yachts \[Scale America's Cup Racing Yachts\]](#)

[Amati Modellismo](#)

[America's Cup Links](#)

[American Model Yachting Association](#)

[Aquataur model racing yachts](#)

[Artesania Latina](#)

[Billing Boats](#)

[Bottle - Entry Level Yacht for the Footy Class - DIY](#)

[Cajun Gator Airboats](#)

[Camarillo Pond Rats](#)

[Cap Maquettes](#)

[Cap-Maquettes NZ \(for upgrade parts for ETNZ Yachts\)](#)

[Carr Sails](#)

[China Topwin Industry Co.,Ltd - Yachts](#)

[Chinese Junks & Battened Lugsails](#)

[CR 914.com - RC Sailboats](#)

[Dumas](#)

[Fast electrics](#)

[Frank's Historical Model Ships' - How to build old sailing ships](#)

[HMBC - Caldercraft catalog](#)

[IOMICA : International 1 metre class - inc technical & Forum ***](#)

[International Waters R_C](#)

[J Assoc - Canterbury, NZ](#)

[John-dowd.co.uk = Bluenose construction and good photos.](#)

[Keil Kraft EeZeBilt \(1950's\) range of starter model boats, including all plans.](#)

[Lightship Modeler](#)

[Mamoli.C s.a.s - Wooden Sailing Ship & other kitset.](#)

[Marblehead 50/800 Class RC yachts](#)

[Model Boat Mayhem ***](#)

[Model Ship World](#)

[MRP boats = Thunder Tiger = Ace Hobby](#)

[North Texas Battle Group - Big Gun 1/144 Battle action](#)

[International One Metre \(IOM\) class - excellent downloads for yachtees](#)

[PortWind - yachts ex Spain](#)

[Power Sails](#)

[Punctilo - Caldercraft Ltd](#)

[Prather Products](#)

[R_C Sailing - Discussion group.](#)

[RC-Sailing Infocenter](#)

[RC Scale Model Ships - Jiri Syrovatko](#)

[Sampans](#)

[Schooner Model Society \(The Great \)](#)

[Scale Sailing](#)

[Scottish Federation of Model Boat Clubs](#)

[Seawind by Kyosho - Resource Center](#)

[Taycol - Model Boat Electric Engines](#)

[The Hague Modelboat Club - HMBC - Homepage](#)

[The Model Power Boat Association](#)

[The Mother of All Maritime Links - model boats](#)

[The Pop-pop pages. \(Pop Pop Steam Engine boats\)](#)

[The World of Scale Model Boating](#)

[Ultralite Composites - \(carbon r/c yacht parts & stands\)](#)

[Victor Model Products](#)

[Viking Ship Gokstad](#)

[Vintage Model Yacht Group](#)

[West Valley R-C Mariners](#)

[Wind Warrior yachts](#)

RC Land yachts & RC Ice yachts

[Cold Front Model RC Yachts](#)

[IRCSSA Homepage](#)

[Model Land Yachts, Unlimited](#)

[Performance RC Land sailers](#)

[RC Ice & Land Yachts - K.1 Models](#)

[RC Landsailer and Iceboat design and construction](#)

[RC Land Yacht - simple D.I.Y.](#)

[Stealth S2 RC Land Yacht](#)

Reviews, FAQ & Tips, Jet drive. (boat plans under separate "Plans" folder below)

[2.4GHz - Use with Model Boats & Yachts \(Marine\) and range over water.](#)

[Antenna - DIY shorter RX. More under Rubber Duckie & Flywire in RC section below](#)

[Billing Model Boats - Construction tips & Paint cross reference](#)

[FAQ - Ship Models](#)

[Boating Rope Knots - animated examples](#)

[Build A Quick Fiberglass Hull - DIY.](#)

[Building Tips - water channeling and shafts](#)

[CR 914 - RC Yacht set-up and Tuning Guide](#)

[Engine analysis and technical articles - performance boating](#)

[Fishing Knots & Rigging - animated examples](#)

[Gears & DIY Drive Shafts & Rudders - & many other boat builders tips.*** **](#)

[Hitec & Aristocraft SP-610RF ESC for Boats - Spec & Instructions \(no longer produced\)](#)

[How to measure motor's maximum current draw and suppress electrical noise](#)

[How to Sail fast_ Rig tuning by Bob Sterne](#)

[Model Builder Tips & Tricks - Art of the Model Builder](#)

[Model testing - instrumentation, scaling laws, test tanks, wind tunnels, experiments](#)

[Motor - Twin and Multi - Series vs. Parallel](#)

[Propellers, Korts and balancing shafts etc](#)

[Receiver & Solenoid wiring ex SLA \(Gell Cell battery\)](#)

[RC Laser RC Sailboats - Tips and Tricks](#)

[RC Sailboat FAQ](#)

[RC Sailing - How to sail and trimming tips by Kyosho](#)

[River boats,Towboats etc. - Old River Bill's RC***](#)

[River Boats, Towboats etc - Towboat Joe.](#)

[Seawind - How to waterproof the hatch](#)

[Servo - modify to 180 and 360 degree operation.. Gang and Fit servos to yachts & boats - email Alan for .pdf file](#)

[Servo - Modify to power your model boat \(TS-53 aka S148 shown\)](#)

[Servo - Sail Winch - Modify 2ch Transmitter to adjust number of turns - if pics down, email for copy as above.](#)

[Servo - Single Arm or Double Arm Sail set up.](#)

[Servo - Winch or Arm type for sail? - comments](#)

[Servo - Water Proof #2](#)

[Servo - Waterproofing inc ESC, Receivers](#)

[Swing Rig - DIY set up and use on yachts.](#)

[Swing Rig - version of the Bermuda Rig](#)

[Technical, Building, Motor, ESC & General tips - Model Marina ***](#)

[Technical & theoretical aspects of RC yacht racing](#)

[American Model Yachting Association - Hints page](#)

[Tips, Set Up Info, Waterproof & Projects - Off shore electrics](#)

[Warship Combat Construction Articles ***](#)

Outboard motors, sterndrives and jet units.

[Academy RC Outboard unit \(.10 - .15\)](#)

[Jet drive units \(KMB\)](#)

[K&B Manufacturing outboards](#)

[O.S. .21 XM Outboard Engine](#)

[Swash Drive - RC Jet Boat units](#)

[Thunder Tiger Pro .21M](#)

Submarines

[Building your own RC submarine WTC](#)

[Deep Down - how to construct a RC Sub..](#)

[Dutch Submarine Hr.Ms.Potvis](#)

[E1 Submarine Project - Braglia](#)

[North Seas Fleet - radio control submarines](#)

[RC Submarines - FAQ](#)

[RC Submarines! - USA](#)

[R/C Submarines - France \(English & French\)](#)

[Submarine Museums](#)

[Subs on Display](#)

[SUB!'s Model Submarines](#)

[The Sub Committee!](#)

[Thunder Tiger - 5220 Neptune TTR5220](#)

[West Valley RC Submarine FAQ](#)

Warship Combat - C02 BB Cannon etc.

[Big Gun RC Warship Combat](#)

[Intl RC Warship Combat](#)

[Model Warship Combat, Inc.](#)

[Strikemodels \(includes product previously known as "Swampworks\)"](#)

Books, Reference - other . (see "Manuals" below for pdf downloads re RC Systems, ESC, Gyros, Models etc)

[abebooks.com - the world's largest source of out-of-print books!](#)

[Aircraft Workshop: Learn To Make Models that Fly by Kelvin Shacklock**](#)

[Colour Palette for RC aircraft](#)

[Radio Control Guide by Norman Butcher](#)

[Radio Controlled Model Aircraft by Robert Lopshire **** try and get a copy of the book](#)

[RC Books by David Boddington X 5](#)

[RC Books - all types](#)

[ScaleModel.NET Bookstore](#)

[Techbooks Home Page](#)

Buddy Boxes, Flight Simulators & Interface.

[TX 2 TX = buddy box compatibility problems between different brands of transmitters ***](#)

[Buddy \(Trainer\) Box System Operation - RCFU](#)

[Buddy \(Trainer\) Box FAQ re Master & Slave Set-up \(4ch trainer boxes rarely meet modern requirements - refer Posts #9 & #11\)](#)

[Buddy \(Trainer\) Box - How the Cable Works](#)

[Buddy \(Trainer\) Box not working with Berg PPL, IPD and similar TX Signal Recognition Receivers.](#)

[Buddy \(Trainer\) Box Wireless System \(Dual RX Controller\)](#)

[Flight Simulator - Interface Cable \(SIC\) - USB \(for Hitec Futaba JR & Zebra TX\) for FMS ***](#)

[Flight Simulator - Best for Beginners.](#)

[Interface Adapters & Connectors - inc new Futaba](#)

Flight Simulators (Airplane, Heli & slope) & Sailing Simulators - Commercial & Freeware

[Best Simulator For Beginners](#)

[Error? - Fixes to Enable older Simulators to run on Win7 & Vista Computers](#)

[RC Flight Simulator Comparison Chart](#)

[Simulators for Mac PC.](#)

FMS (Flying-Model-Simulator) + extra Model and Landscape downloads - Freeware

[FMS Homepage - Freeware](#)

[FMS - additional Scenery downloads ***](#)

[FMS - DIY Airplane and other models for use with FMS](#)

[FMS - Forum :: Summary on FMS Interfaces :](#)

[FMS - Links](#)

[FMS - Links to many downloads for FMS and scenery design etc ***](#)

[FMS - large database of models to download for FMS.](#)

[FMS - Quadcopter, Multicopter, TV / Movie / Scifi & many modern jets ***](#)

[FMS - Vista .dll file and instr - post 6 to enable with Vista ***](#)

[FMS - Vista fix - click and "save target as"...](#)

[FMS - Vista /Win7 - fix flickering NVidia Graphics Card](#)

[Dragonfly for FMS and FAQ - Paul L Daniels's](#)

[Multiplex RC Aircraft for FMS](#)

[Ninehalf FMS](#)

[RC-Sim Downloads for Aerofly, FMS, Reflex, RFG 2, etc ***](#)

[Shinichiro Nishiya - Many models + DIY instructions for landscapes etc. ***](#)

[Aerochopper Review](#)

[Aerofly & Easyfly = IPACS](#)

[ClearView RC Helicopter Simulator](#)

[Clearview RC Sim Model Page - Kens](#)

[Cockpit Master](#)

[CSM](#)

[CRRCsim \(Freeware - Emphasis on Slope Soaring & Gliding\)](#)

[Crrcsim - Acro Flight Sim for Win, MacOS X & Linux, - Mac.soft site](#)

[Dave Brown RCFS 2001](#)

[FlightGear Flight Simulator](#)

[Flight simulators for Mac PC's #1](#)

[Flight simulators for Mac PC's #2](#)

[Fly RC Free simulator = Ron's Software Page](#)

[Glider 3D - RC Sailplanes Simulator - Freeware.](#)

[Helisim \(basic graphics like FMS, limited heli models with better physics\) - Freeware](#)

[Heli-X - Windows, Mac & Linux versions - Includes Quadcopter & Hexacopter](#)

[Home-built flight simulators - 23 Freeware programs](#)

[Offshore Sailing - Free simulator](#)

[PhoenixRC - Professional](#)

[Phoenix Rc -Tutorial - DIY Input New schemes for own models](#)

[Pre-Flight \(Free Download - buy interface kit\)](#)

[RC Desk Pilot](#)

[RC Desk Pilot - Additional Models Library](#)

[RC Plane Master](#)

[RCFSim v6.01 \(2004\) - Freeware](#)

[RC Helicopter Simulator - for Macintosh Mac OS X.](#)

[Realflight - Free skins from New Zealand](#)

[RealFlight Home Page](#)

[Reality Craft - RC Plane Master](#)

[Reflex Flugsimulator - Reflex XTR](#)

[Reflex XTR - extra models by The W3 Group](#)

[Reflex XTR - Downloads for Win 7 compattibility](#)

[Sail simulator.com - Free download](#)

[Slope Soaring Simulator - Free open-source with an emphasis on slope-soaring.](#)

[Tru-Flite Technology](#)

[Tom's - RC Simulator update](#)

[Vertigo flight simulator](#)

[YSFlight - Freeware](#)

Flight & Sailing Simulator Interface Cables & Controllers (DIY) & Transmitter Setups.

[Buddy box lead for interface only pictures](#)

[Build an R/C Stick Joystick - The Flying Penguin](#)

[E-Sky, E-Flite TX Interface via Microphone socket for FMS & other R/C Simulators. - DIY](#)

[E-Sky, E-Flite TX Interface via Microphone socket for FMS & other R/C Simulators. - DIY #2](#)

[Flysky 9x, aka Imax 9x, aka Turnigy 9x, aka Eurgle 9 Ch - Setup For Use With Simulator](#)

[Flysky 9x, aka Imax 9x, aka Turnigy 9x, aka Eurgle 9 Ch - Setup 8 ch on Simulator](#)

[FMS - Free Flying Model Simulator - Interface DIY instructions](#)

[FMS Serial Interface - D.I.Y for GWS](#)

[Futaba Controller - TX Conversion - RCFU](#)

[Hitec - Aurora 9 & other TX Simulator function Set-up](#)

[Hitec - Setup & Mapping for Clearview, FMS & RC Desk Pilot.](#)

[Hobbyzone & Parkzone - TX Interface via Microphone socket for FMS - DIY](#)

[PPM/PCM R/C transmitter - USB interface](#)

[PPM Stick aka PPM audio \(Mono\) Thermometer - diagnostic tool](#)

[Skyartec - Interface Setup for Freeware](#)

[Skyartec - USB Data & Simulator cable - DIY](#)

[SmartPropoPlus - Connection via PC Microphone Socket - DIY for any TX](#)

[TTi Tom's - How to set up PC USB Port, Calibrate TX and more](#)

[TX - PC Interface - kitset - Ken Hewitt](#)

[TX - PC Interface - D.I.Y Schematics for USB RC Joystick ****](#)

[TX Trainer Connector Pinouts - for PC interface](#)

[TX Buddy box plugs, Interface pin assignment - MFTech](#)

[Zen Hura \(aka Walkera\) S.Video plug pinouts for FMS controllers](#)

[Zen Hura \(Walkera\) TX - S Video connector pinouts](#)

[Zen Hura \(Walkera\) TX - S Video pinouts - Realflight G2 & FMS etc](#)

Trainer - Buddy Box - DIY Cables and Interbrand Connections.

[Buddy Box Compatibility Problems Between Different Brands of Transmitters ***](#)

[BuddyMate Interface - Intelligent Buddy box lead](#)

[E-Sky - Buddy Trainer\) Lead - DIY](#)

[Flysky 9x, aka Imax 9x, aka Turnigy 9x, aka Eurgle 9 Ch - Trainer - Buddy](#)

[Flysky 9x, aka Imax 9x, aka Turnigy 9x, aka Eurgle 9 Ch - Trainer/Slave to Hitec & Futaba](#)

[Futaba AM to Futaba FM Trainer Cord](#)

[Futaba/Hitec to JR/GWS trainer lead ***](#)

[Futaba - 8FG & 12FG Trainer Cord & FAQ](#)

[Futaba - 9C set up with T-4YF & other TX](#)

[Futaba - Never connect T6EX 2.4 Ghz trainer system with Futaba/Hitec TX which have DIN connection](#)

[Futaba - Not all Futaba Slave/Buddy with another Futaba - Three different cable types.](#)

[Futaba - Micro Square Plug for DIY Buddy/Trainer & Simulator Leads](#)

[GWS - Buddy \(Trainer\) to Hitec, Futaba, JR & Sanwa \(aka Airtronics\).](#)

[GWS - DIY add Buddy/Trainer or Simulator connection](#)

[Hitec Aurora Trainer / Buddy system Master & Slave function Set-up](#)

[Hitec Buddy - Trainer Box Compatibility & Battery requirements.](#)

[Hitec Trainer \(Buddy\) System Update - New "Stereo Plug" system and how to use](#)

[Hitec - Futaba Tactic Anylink Module Compatibility, Cables & Setup](#)

[HobbyKing HK-T4A Tx and HK-TR6A Rx 2.4 GHz](#)

[Hobbyzone & Parkzone - TX Buddy - Trainer connection - DIY](#)

[Intelligent Buddy Box Lead - JR to Hitec or Futaba & reverse](#)

[JR Buddy box lead - antoon - gadgets](#)

[JR & Spektrum - Buddy / Trainer Set Up. JR<>JR & JR<>Spektrum etc](#)

[JR \(aka Graupner\) to Futaba or Hitec Trainer Cord](#)

[JR - Buddy Boxing - MacGregor Industries UK](#)

[Spektrum - JR Buddy Trainer Compatibility - yes DIY leads.](#)

[Spektrum - P-Link Setup slave "instruction manual errors"](#)

[Multiplex to Hitec or Futaba buddy lead schematic](#)

[Multiplex EVO training cable to Hitec, Futaba etc.](#)

[Sanwa \(aka Airtronics\) AM FM Trainer Cord](#)

[Sanwa \(aka Airtronics\) - RD & SD series are not compatible via trainer cord. \(SD to SD Only\)](#)

[Spektrum - Buddy Trainer Compatibility list of Spektrum & JR TX](#)

[Spektrum - Buddy Trainer- DX5e product recall.](#)

[Spektrum - Buddy Trainer . DX6i product recall . NB never plug in a mono plug, use stereo plug only to avoid short circuit.](#)

[Spektrum - Buddy Trainer . DX6i <> DX5e](#)

[Spektrum - Buddy Trainer DX7 & E-Flite Blade Tx](#)

[Spektrum - Buddy Dx6i<>E-flite LP5DSM & Dx5e<>Dx6i with video.](#)

[Trainer - Buddy Cord Warning: Use only Hitec One Way Cord between Futaba & Hitec TX - never a Futaba cable.](#)

[PC to RC Interface](#)

Calculators, Conversion, Center of Gravity, Electric Flight , MAC & Servo Torque calculation charts. (Flight trim see above)

[Balsa Density, Float size, Vacuum forming pictures etc - inc downloads](#)

[Conversion & Calculation tables etc](#)

[Metric - Imperial Converter - down load free zip file.](#)

[CG & MAC - Graphic](#)

[CG, MAC, Servo & Basic Model Calculators - R/C Aircraft Proving Grounds](#)

[CG Calculator & Basic Design of Flying Wing Models](#)

[CG of Rectangles, Trapazoids, Semi Circles, Semi Ellipses](#)

[CG locator. "Vanessa" Simple Accurate Sling & Balance beam - email Alan for .pdf copy of original document](#)

[Incidence - Measure & set Wing, tail and power system](#)

[Convert - free download - convert units from one type to another *****](#)

[Convert Watts to VA and KVA to KW etc Simplified](#)

[Convert Watts to Amps etc - Simplified](#)

[Design Calc - Lee Van Tassle's RC Airplane Design Calculator inc Floats, Canards, CG etc - email Alan for winzip copy of original](#)

[Drive Calculator - Free tool for motor analysis](#)

[Dynamically Similar Values - Scale Factors](#)

[Electric Flight - Drive Calculator V2.1 ***](#)

[Electric Model Airplane Design Calculator](#)

[Electric Motor Calculator - match motor, prop, amps & battery etc](#)
[Entisoft Units -- Measurement Conversion Calculator --](#)
[Free Software ex NASA design jet engine, airfoils, kites, Rockets etc.](#)
[G Force Calculator](#)
[Metric and Imperial Wire Gauge AWG / SWG](#)
[Martindale's Calculators On-Line Center - \(over 1900 covers almost every possibility\)](#)
[Motor Calc Program - find which motor, battery and prop is right for your EP airplane](#)
["MotoCalc" Electric Flight Performance Prediction Software](#)
[Performance Slide Rule Calculator - Servo torque, Horsepower, Stall Speed etc.](#)
[PPM Stick aka PPM audio \(MONO\) Thermometer - diagnostic tool](#)
[Propeller Calculator - freeware.](#)
[Prop Power Thrust, Noise, Fuel Oil Mix, Crank Threads, Doppler Effect Calculator](#)
[RC Calculators - C.Gadd. \[Servo Torque, Wing Loading, Glow to Electric etc.\]](#)
[RC Performance calculators - Thrust, hp, Airspeed, RPM vs Load. etc](#)
[Servo Torque & Basic Model Calculators - R/C Aircraft Proving Grounds](#)
[Servo Torque Calculator - by Chuck Gadd](#)
[WCF Engineering Reference Data and Links ***](#)
[Weight Estimation Spreadsheet - Jim Ryan](#)
[Wing Spar - Calculations for Composite Spars](#)
[Work out power train required for electric aeroplanes ***](#)

Cars & Trucks

[Academy RC Cars - current list and specs.](#)
[Academy RC Car - option and spare parts picture lists](#)
[Academy RC cars, spare parts, performance parts and accessories - Retail sales and service](#)
[Academy RT-4GP Racing Truck - details](#)
[Academy RT4-GP ProSpec RCCA Review.](#)
[Academy SB Sport EP RCCA review](#)
[Academy SB Sport PRO Buggy kit - RCU Review ***](#)
[Academy SB Sport V2 Buggy Pro - RCU review](#)
[Basics Part 1: Fuel Basics - RC Car](#)
[Boca Bearing Company](#)
[DuraTrax \(part of Great Planes/Tower Group\)](#)
[Engine Care - Horror stories with pictures - HPI Racing](#)
[FAQ for R_C electric off-road racing](#)
[Frequently Asked Questions](#)
[Gear Animations, Pitch explanations, conversions etc.](#)

[How to - Car, Engine maintenance Manuals & fuels etc.](#)

[How to: Install any type of clutch](#)

[HiSpeed, HSP, Himoto, Redcat - same vehicles.](#)

[HPI](#)

[Kyosho Cars and Trucks](#)

[Lauterbacher Modelltechnik 1/5 RC cars](#)

[Le Gravos Race Team T2M](#)

[Links to RC Car web pages & Distributors](#)

[Losi On-Line](#)

[Medial Pro](#)

[MCD Racing 1/5 scale.](#)

[Mugen Seiki](#)

[Mugen Racing](#)

[Nitro Engine Tuning \[also refer section below "Engines,Plugs,Tuning, Petrol, Turbines, Mufflers, Cleaning, \]](#)

[NitroReview. - Reviews of almost every car engine](#)

[Painting Bodies - Four Fast Finishes](#)

[Parma](#)

[Pro-Line Racing](#)

[Radio Controlled Vehicles](#)

[RC Gearing.com - Live schedule of various models and power trains in use.](#)

[RC Car Pro Racer Secrets by Sirace](#)

[RC Car Racing Guide, Articles, FAQ, Tuning etc](#)

[RC Manufacturers - Cars_Trucks](#)

[RCNewz - Cars & Trucks on line magazine](#)

[RC Trucks](#)

[ROAR](#)

[Schumacher](#)

[Shanghai Lily Bearing Manufacturing - RC Bearings](#)

[T2M](#)

[TamiyaNitro.com](#)

[Tamiya TEU101-BK ESC - The Truth as to motor type functionality](#)

[Team Associated R_C Cars](#)

[Team Novak Home Page](#)

[Tekin Electronics - ESC](#)

[Thunder Tiger.... EK-4 S2 Nitro Monster Truck...*****](#)

[Thunder Tiger.... EK.4 Reviews and upgrades for "The Monster"](#)

[Wheel & Tyre \(Tire\) Balancer - D.I.Y. #01](#)

[Wheel & Tyre \(Tire\) Balancer - D.I.Y. #02](#)

[Traxxas Home Page](#)

[Trinity R C Racing Online!](#)

[TTR - RC - The 1:10th Touring Site ***](#)

[Ze Gravos - France](#)

Micro Racers

[QFM Racing's Tips](#)

[Bit Char-G UK](#)

Catapults, Bungees, Takeoff Dollys & Winches

[Catapult, Bungee & Dolly launch methods - DIY several types - email Alan for .pdf.](#)

[Bungymania \(select "Dossiers" then "Tir Bungee"\) *****](#)

[Bungee \(High Startt\) - Simple Physics and Dimensions](#)

[Bungee Launching RC Sailplanes \("High Start"\)](#)

[Bungee Slope Plane Launcher - DIY](#)

[Dolly Design info](#)

[Dynaflite Hi-Starts](#)

[Dynamics of Bungee Launching - Ezone article](#)

[Electric winch \(12V\) - email Alan for Jpeg of winch & turnaround plans.](#)

[Golden Retriever - site down, email Alan for copy .pdf file.](#)

["How to" use a winch.](#)

[LiteFlite Engineering](#)

[Me 163B RC take off Dolly](#)

[Northeast Sailplane Products -- Winch Stuff](#)

[The Easimore Launching System](#)

[The "Hi-Start" launching system - DIY](#)

[Tow hooks](#)

[Winch launching](#)

[Winching](#)

Cell Phone Warnings

[British Model Flying Association - BMFA - safety bulletins - Mobile phones](#)

[Canadian & NZ Cellphone warning for R/C](#)

[Iphones can control RC models on 2.4 GHz](#)

[Mobile phone radiation - headlines](#)

[NZ Govt. - "Why must I switch off my cellphone in aircraft, hospitals and petrol stations."](#)

[RC Groups Discussion](#)

[RunRyder - Mobile Phone and Synth TX warning](#)

[RunRyder - Mobile Phone - RC Interference...](#)

[Scientists Demand Cell Phone Warnings](#)

Colours & Visibility for models (see also "Covering & Painting" as well as "Paints, Colour Charts, Mix Formulae & Strippers & How to spray F/Glass and ABS etc" below)

[Colours for high altitude flying - PJ Burke](#)

[Colouring R_C Aircraft - SAI](#)

[Colour Wheel](#)

[Model Aircraft Colour design - downloadable program](#)

[Simmers Paintshop - Airforce colour charts \(RGB & FS included\) and mixes](#)

[USN & USMC WWII & Contemporary](#)

[What Colours do we Fly & Tips for better Aircraft Visibility -\(site down - email Alan for .pdf copy\) ***](#)

Combat - RC

[RC Combat](#)

[Combat Gremlins](#)

[SPAD \(Simple Plastic Airplane Designs\)](#)

[Streamer Machine](#)

[Streamer Splitter for combat RC](#)

[R/C Combat - Gremlins](#)

Control Line

[3-line control systems - Electronic Throttle or Retract control](#)

[ALC control line club](#)

[Andy Whortons C/L Page - BMFA & FAI - AJWLTD](#)

[Brass Fuel Tanks for Model Airplanes](#)

[Complete list of C/L articles.](#)

[C/L Aeromodeling Link Pages, Clubs, and Forums](#)

[C/L Model Aircraft Nostalgia in Australia](#)

[C/L Model Airplanes - Bill Kuhl](#)

[C/L Model Airplanes = Iskandar taib](#)

[Electric Control Line](#)

[Göran Olsson's C/L Page](#)

[Hip Pocket Aeronautics - Building and Flying CL, FF & RC Airplanes](#)

[Peter Nyffeler's C/L](#)

[Stunt Hangar - good hints & tips](#)

[Trelleborg Model Flying Club](#)

[U-Control 2000 - Gabriele Macrì](#)

Covering Materials & How to Apply Instructions (see also Colours & Visibility above)

[See Also: "Paints, Colour Charts, Mix Formulae & Strippers & How to spray F/Glass and ABS etc" \(below\)](#)

[Chalking, colouring and covering with Tissue](#)

[Chemical Compatibility of Common Model Finishing Materials](#)

[Cover Foam Wings With Brown Paper - Ezone](#)

[Cover small models with tissue - M.A.N. tips.](#)

[Covering & Painting Techniques***](#)

[Covering Material - Hinge & or Seal Gaps](#)

[Covering Tips & Techniques - RCU article](#)

[Covering Tutorial for Beginning Builders](#)

[Covering with OS \(Foodwrap\) film](#)

[Coverite Home Page](#)

[Dope - Types and How to use](#)

[Elapor - How to paint.](#)

[Fibreglass Cloth Covering by Jim Ryan](#)

[Flite-Metal FAQ](#)

[Klass Kote \(epoxy paint\)](#)

[Koverall - Sig Heat Shrinkable](#)

[Laminating film \(Doculam\) - DIY instructions with video](#)

[Laminating film - Doculam Discoveries](#)

[Lite Films,Covering & colouring & weights - Roy Bourke](#)

[Light plastic film - types & techniques for micro flyers - M.A.N article](#)

[Monokote - How to apply & covering tips](#)

[Monokote - How to apply over fiberglass and for longevity](#)

[MonoKote & LustreKote Surface Preparation & Painting](#)

[Oracover = Ultracote = Profilm Horizon's Tips & Tricks articles](#)

[Oracover - Holland - pictorial how to use.](#)

[Ozcover & Rhinocover - review](#)

[Painting Canopies \(Heli\) - email Alan for file.](#)

[Painting RC models with Latex Paint](#)

[Pennyplane - lightweight building & covering for indoor duration](#)

[Polyester \(Chiffon\) - cheap strong material covering](#)

[Poly-Fiber Polyester Fabrics](#)

[Polyurethane \(Water based\) - adhere and finish fibreglass and Koverall cloth etc.](#)

[Printing on Balsa & Tissue - Realistic Scale Covering](#)

[RhinoCover Base White](#)

[Scale Rib Stitch](#)

[Silk \(Thai silks\)](#)

[Silkspan Covering - How to and Why](#)

[Silkspan - Covering with](#)

[Solarfilm \(Solartex, Solite, Solarspan, So-lite, Fibafilm\)](#)

[Solite - How to apply this ultra lite film](#)

[Solite - Advanced Covering Techniques](#)

[SPAD \(Simple Plastic Model Design\) - use of plastics](#)

[Tinting & Colouring Clear Canopies - David Tatosian & others. \(site down - email Alan for .pdf copy.\)](#)

[Toughlon covering](#)

[Two Color Covering with iron on films - RCFU](#)

[Ultracote® \(aka ProFilm & OraCover\) Tips & Tricks = Horizon Hobby :](#)

Decals & Custom Cut Vinyl Lettering & Graphics

[AeroGraphics - Custom Aircraft Decals & Logos](#)

[Best brands of the world - make into your own decals](#)

[Callie Graphics](#)

[Ceramic Decals - Water-Slide Ceramic Transfers - BEL Inc.](#)

[CustomCut Vinyl Lettering and Graphics](#)

[Decalerstellung und Decalverkauf](#)

[Decals: SuperCal Water Slide Decals](#)

[DIY Decals - Testors Custom Decal System](#)

[Free decal downloads - Vektorgrafiken für Scalemodelle](#)

[Inkjet Decal Paper](#)

[Pyramid Products](#)

[Rcmodelgraphics](#)

[Stika self made labels](#)

Directories, Links & R_C References -

[Aero Model Club sites around the world](#)

[BlackFlight Models](#)

[Google Search - rec.models.rc air](#)

[Intl. List of Scale Model Related Web Sites](#)

[John Kallend's home page](#)

[Military links - Aircraft, Boats, Weapons etc](#)

[MSN Groups - Scale Models & RC Categories](#)

[Multidisciplinary collaboration for Communication, Research, and Lunch](#)

[Open 2.4 R/C Project - newsgroup for all info on 2.4GHz](#)

[R/C Aero \(Australia\)](#)

[RC Soaring Digest magazine - free](#)

[R/C Soaring - UK](#)

[Usenet R_C Newsgroups](#)

Disabled, handicapped? - how to overcome disabilities to use RC

[Adapting a TX for an enthusiastic paraplegic pilot](#)

[Amazing Flying Chair](#)

[Heli-Chair](#)

[John Cinderey's pages](#)

[Quadriplegic RC'r - Kim's Home Page](#)

[Single stick Transmitters - with videos](#)

[Transmitter - Single Stick Conversion - DIY install.](#)

[Transmitter - Single Stick Conversion - Microstar](#)

Ducks = Radio Control Duck = RC Decoy.

[RC Duck ... link down, email request DIY instructions.](#)

[Radio Controlled Duck](#)

[Remotedeek](#)

[The RC Duck - Dr Spiff \(if site down, request a .pdf copy\)](#)

[Vac-U-Duck](#)

Electric Flight - RC & Tethered "Round the pole"

[Electric Flight FAQ - Dummies Guide to Modern RC EP Systems](#)

[Electric Flight - "Kill & ARM" On/Off Switch for EP models _even if Throttle Lock available.](#)
[EP - How to Wire Twin EP Motors](#)
[Everything You ever Wanted to Know About Electric Flight FAQ](#)
[Volts and Amps for Dummies - The Magic of Electric Flying .pdf](#)

Electric Flight

[Which Electric Power Model to buy - Annual reviews, answers and pictures ***](#)
[Advanced Propulsion - JLN Labs - ElectroHydroDynamics \(E.H.D.\)](#)
[AMP-lifying the Ace Cloud Dancer - convert .40 GP to electric](#)
[British Electric Flight](#)
[Castle Creations - ESC](#)
[Diversity Model Aircraft - Inc calculator for run time](#)
[Dymond Model Sport](#)
[EFLIGHT Archive search](#)
[Electric Ducted Fan](#)
[Electric Flight](#)
[E/Flight - Drive Calculator V2.1 ***](#)
[Electric R_C Resources](#)
[Electromagnetic Interference Reduction ***](#)
[Electronic Speed Controller](#)
[Electronic Speed Control - Why BEC and LVC cause most EP RX problems.](#)
[EMS Jomar Official Web Site](#)
[ESC's for Beginners - FAQ re Amperage and extending life of ESC](#)
[ESC BEC - Why Switch mode Regulator is best & Installation thereof.](#)
[F5D UK Model Airplane Pylon Racing](#)
[The EZONE - many "how To" articles and tips etc.](#)
[GWS - e/flight education videos inc add heatsink to ESC.](#)
[Hydro-Foam - Jean-Louis Naudin](#)
[Kill Switch - Add Throttle kill Switch to Transmitter - DIY Safety](#)
[Kress Jets Inc. - Gas and Electric Model Planes](#)
[Kyosho Airplanes](#)
[Low-Tech A-10 Electric Ducted Fan](#)
[R_C Battery Clinic](#)
[RT Models -Ducted Fan Jets](#)
[SES45ADS Ultra smart & small 45-200A ESC with failsafe & lost model alarm..](#)
[Spectra-V_ Fit gearbox & V-tail to a Spectra - Stefan's Electric RC](#)
[The Future is Electric - \[Ken Myers - EFO - Electric Flyers Only\]](#)

[WeMoTec \(ducted fans\)](#)

[What About All Those NiCads - Tony van Roon](#)

[Work out power train required for electric aeroplanes ***](#)

Fly by Wire = Round The Pole

[Fly By Wire](#)

[Ballards Model Shop](#)

[Electric Round The Pole](#)

[Round the Pole \(RTP\) Flying](#)

[RTP Electric Flight - DIY controllers and plans](#)

[Skonk Works](#)

Electronic Speed Control (ESC) , DIY BEC & ESC Circuits, Mixers & Reverser.

[SES-45ADS Ultra smart & small ESC. 45-200A with failsafe & LMA](#)

[Battery Eliminator Circuits \(BEC\) - DIY & FAQ](#)

[Battery Eliminator Circuits \(BEC\) - DIY Redundant, Scalable and Cheap BEC](#)

[Battery Eliminator Circuits \(BEC\) - Why EP Flyers must not rely on BEC systems](#)

[DIY Electronic Speed Control designs for brushed & Brushless motors](#)

[Eric Behr's Collection of ESC](#)

[EPA, ATV, Dual Rates & Expo Differences & Caution + ESC BEC Set Up](#)

[ESC/BEC - When BEC can be used in parallel.](#)

[ESC 40A with BEC & brake](#)

[ESC - Brushless + Electronic-Circuits](#)

[ESC - Brushless - effect on BEC when Run In Parallel](#)

[ESC - DIY ***](#)

[ESC - DIY using an old servo.](#)

[ESC - Programming Card DIY](#)

[ESC - How to Set up for First Time """"](#)

[ESC - Low Voltage Cutoff Reset - warning re different detection settings between brands.](#)

[GWS ICS300/480 Voltage cutoff Mod for Lithium packs](#)

[Hitec & Aristocraft SP-610RF ESC for Boats - Spec & Instructions \(no longer produced\)](#)

[Rondo ESC - DIY homebrew](#)

[Miniature High-Rate ESC inc BEC](#)

[Oscilloscope - Download software & manual to convert your PC Soundcard ***](#)

[PWM Frequencies](#)

[Quark ESC for brushless. 7 modes for Cars, Boats, Planes & Heli.. Forward & Reverse . \(+ video set up.\)](#)

[Servo Reverser - DIY](#)

[Tamiya TEU101-BK ESC - The Truth as to motor type functionality](#)

[Switchmode Regulator - DIY](#)

[V-Tail & Elevon Mixer - setting up a standard mixer \(e.g. GWS VR-Tail II\)](#)

[V-Tail & Elevon Mixer - DIY build your own_1](#)

[V-Tail & Elevon Mixer - DIY build your own_2](#)

Electronic Circuits & Connectors for RC & DIY Modellers.

[DIY RC Electronic links - RCGroups](#)

Electric Power Connectors

[Deans' Ultra Plug connector \[aka "Super Plug"\]](#)

[Anderson Power Products connectors \[aka "Sermos connectors"\]](#)

Actuators for micro flight

[Actuators and Actuator controlled designs](#)

[How to make an actuator \(step by step \)](#)

[Micro R/C Car Hacks for Model Airplane Use](#)

[Magnetic Actuator Drivers](#)

[2.4-GHz Spectrum Analyzer - Low Cost](#)

[Altimeter Project](#)

[Altimeter - Winged Shadow Systems - micro](#)

[Black Wire Corrosion](#)

[Brownout Detector - DIY Real Rx Voltage Sag](#)

[Circuit Central](#)

[Circuit Diagrams for Model Aircraft](#)

[Circuits for RC gadgets - Jo Aichinger ***](#)

[Creating Printed Circuit Boards - Easy DIY](#)

[Design for RC models - Russia](#)

[DIY - Navlight + Strobe + Beacon - FREE DIY circuit](#)

[DIY - Radio Control Electronic Projects & Gadgets](#)

[Dump "r" DIY discharge RX and TX packs](#)

[Electric Hobby Projects](#)

[Electronic projects and tutorials ***](#)

[Electronic Circuits for the Hobbyist - Tony Van Roon](#)

[Electrical Conductivity of Materials](#)

[Electronic Gadgets \(Projects\) for RC - Tony Van Roon](#)

[Electronics Pages - Circuits etc by Tomi Engdahl's](#)

[Electronics Hobby Page](#)

[Electronize Model Electronics](#)

[High Frequency - Archives ***](#)

[kens RC home page](#)

[LED Calculator - RC Cam Projects](#)

[Lost Model Alarm \(LMA \) - Plane Finder with fail safe](#)

[Lost Model Alarm \(LMA\) - for use with 2.4GHz systems](#)

[Lost Model Alarm - Plane finder](#)

[Merlin PCB Designer](#)

[Newark Electronics, Catalog = Electronic Components](#)

[OHM'S Calculator](#)

[Optic Isolators - S.M.Services \(U.K.\) Ltd](#)

[Philips Semiconductors;](#)

[Radio control electronics - DIY fault finding and repair \[Norcim\] ***](#)

[Radio Electronics Pages - Build your own TX & RX](#)

[Ram Radio Controlled Models Home Page](#)

[Receiver & Solenoid wiring for use with SLA \(Gell Cell battery\)](#)

[RC Creative Electronics](#)

[RC Frequency Monitor - DIY](#)

[RC Groups Discussion - DIY Electronics](#)

[RC Systems - DIY build your own & other RC projects. #1](#)

[RC Systems - DIY build your own & other RC projects. #2](#)

[RF Sniffer - Simple DIY](#)

[Schiepatti Switch - for camera operation, glow driver etc](#)

[Servo Driver](#)

[Servo Signal Generator & Tester](#)

[Servo Reverser](#)

[Stefan's Electric R-C Web Site](#)

[Supercircuits Inc. ..Micro video camera etc.](#)

[Sirius Electronics-TX Diodes bridging](#)

[Suding Associates Inc. - Main Page](#)

[Technical Library](#)

[Voltage regulator = BEC 5V & 6V for Boats, cars and airplanes](#)

Electric Motors - FAQ Break in ,Tuning, Calc and DIY Build & Balance Brushless.

Brushless Electric Motors - DIY, Build & Repair your own Brushless Motors

[Electric Motors - articles 1 to 5 by Brian Mulder ***](#)

[Brushless - DIY Replace bent shaft](#)

[Brushless - DIY Reverse Outrunner Shaft](#)

[Brushless motors - "Dry Testing"](#)

[Brushless Motor FAQ - cd-rom tricks - Ron van Sommeren ***](#)

[Brushless Motors - Out runners must be Balanced](#)

[Brushless - Tutorial & Troubleshooting Guide](#)

[Brushless RC Car Racing Motor myths](#)

[How to fix brushless outrunner - Video](#)

[lrk-torquemax e-motors - How to build your own.](#)

[LRK = Make your own brushless gearless motor, 200-800watts](#)

[LRK and CD-rom manufacturers - list. & How to make your own outrunners etc.](#)

[Outrunner Or Geared Brushless](#)

Electric Motor Calculator - free

[Electric Motor Calculator - match motor, prop, amps & battery etc](#)

[Data calculator - EP Motor](#)

[Motor Calculator - determine Multiplex motor, ESC, battery & prop for your EP airplane](#)

[Thrust Calculator Stand - DIY Test Rig Designs ***](#)

Electric Motor Information - General including Break-in & Tuning

[Astro Flight Inc.](#)

[Aveox Brushless Motors](#)

[Aveox Virtual Test Stand](#)

[Electrics - motors - Steve Lewin ***](#)

[Electric Motor - Break in for best performance](#)

[EP Motor and break-in procedures \(especially Zagi 400\)](#)

[How to measure motor's maximum current draw and suppress electrical noise](#)

[HS Motors = Changzhou Haosheng motor Co; Ltd, \(Walkera etc\)](#)

[Johnson Motor](#)

[Kontronik](#)

[Kyosho Electric Motors](#)

[Mabuchi Motor](#)

[MaxCim Motors](#)

[Megamotor](#)

[Minimotor SA - Miniature drive system](#)

[Motor whine - Cause & cure](#)

[PickPwr - Choosing the right power package](#)

[Prosilver - review](#)

[Schulze-elektronik](#)

[Timing EPS300C - picture tutorial DIY breaki-in & tuning EP can motors ***](#)

[Twin and Multi Motor Instalations - Series vs. Parallel](#)

Engines,Plugs,Tuning, Petrol, Turbines, Mufflers, Cleaning, etc

[ABC, ABN, Ringed & Lapped - differences ***](#)

[Engine Care - Horror stories with pictures - HPI Racing](#)

[Engine Tech Questions ***](#)

[Crankshaft thread size - Great Hobbies Tech Article](#)

[Fliteline Solutions - Determine Engine Condition ***](#)

[Genesys On Board Alternator - Charging system for RC models](#)

[MECA = Model Engine Collectors Assn](#)

[Miniature model engines, 4 Str, Radial and others](#)

[Radio Control Engines: FAQ Nitro Engines for RC Cars, Airplanes and Boats](#)

[Old engine models, bazaar, discussions about models](#)

Animated Engines = Co2, Wankel, Gnome Rotary and many more

[Animated Engines - Full selection.](#)

[Animated Engines, CO2](#)

[Animated Engines, Single Cylinder Stirling](#)

Bearings, Metal Working, Mufflers, Tuned Pipes.

[Abec Tolerances](#)

[Aluminum Welding How to Weld Aluminium](#)

[Bearing Sizes & Types - RC-Bearings.com](#)

[Bearings - list of all popular Hobby & Motor sizes.](#)

[Bearings - Pictorial DIY replacement in RC engines.](#)

[Bendy pipes + scale Manifolds for large engines](#)

[Bisson Custom Mufflers](#)

[Boca Bearings for glow engines](#)

[Fly Quiet - Sound reducing mufflers .049 to big](#)

[FMV Storey - Engine & Bearing Fit and design.](#)

[Four Stroke Mufflers and Angled Elbows](#)

[Installation of Model Engine Bearings](#)

[JTEC Model Engine Accessories](#)

[krumscheid](#)

[Macs Products Website - exhausts and smoke systems](#)

[Metalworking FAQ/Compendium](#)

[Mousse Can Muffler \(DIY cheap mini tuned pipe\) - RCFU](#)

[Peacekeeper Mufflers](#)

[Pipes for Aeromodeling](#)

[PSP Manufacturing](#)

[Repair or Tighten 4 str muffler threads.](#)

[Slimline Manufacturing](#)

[Techo Weld](#)

[The Tuned Pipe - Modifying Your Engine](#)

[Tuned Pipes - FAQ - Andy Ellison](#)

[Tuned Pipe Designer - JavaPipe: - download calculator](#)

[Tuned Pipes - The Technology of \(emphasis on RC cars/trucks\)](#)

[Tuned Pipes - The mystery of - four part series + downloads](#)

[Ultrathrust Mufflers](#)

Carburettors, Tuning & Performance Testing, Glow Plugs.

[2 Stroke Engine Pages Index , Tuning & Diagnostics](#)

[Airplane flight,model airplanes,engines,aerodynamics - Pé Reivers](#)

[Break-in four stroke engine - How to](#)

[Cen Racing - good tutorial on tuning, care & maintenance ***](#)

[C.H.Ignition](#)

[Engine analysis and technical articles - performance boating](#)

[Engine Technical Notes-VERY complete!](#)

[Engine Tuning - RC Cars & Trucks ***](#)

[Extend Engine Life - M.A.N article](#)

[Fuels - Brian Hampton](#)

[Glow Plugs- Brian Hampton](#)

[Glow Plugs - Selection Guide - cross reference of most plugs.](#)

[Glow Plugs - The technology of](#)

[Cox engine - "How to Get Best Performance" Cox manual. .pdf](#)

[How to Rebuild Your Nitro Engine - RC Nitro Magazine,***](#)

[Engine Bearings - DIY pictorial refit for model engines.](#)

[K&B owners guides - Carbuettor tuning etc](#)

[Modifying Your Engine - Expansion Chambers etc](#)

[NitroReview reviews of almost every car truck engine](#)

[One-way valve - Gasoline Check Valve](#)

[One-way valve - Glow Fuel](#)

[Performance Testing of Engines - Martin.Hepperle](#)

[Perry Pumps & Carburettors](#)

[Plasma Liners \(Ceramic piston & liners etc\) see also Norvel engines.](#)

[Prop and rpm performance figures - RCFAQ](#)

[Radial Engine FAQ \(RC Warbirds\)](#)

[Regulated fuel supply for large engines - Pe Reivers](#)

[Running In Engines - Brian Hampton](#)

[Setting the Idle Mixture _ Brian Hampton](#)

[Smart Plugs - Applications](#)

[Squish Clearance - RC Boat.com](#)

[Start Your Engine Right the First Time and Keep It Running](#)

[Super Tigre set up - by Pe Reivers](#)

[Tune Engine - how to find the sweetspot #01 ***](#)

[Tune and set car/truck carburettor](#)

[Tuning and setting Car & Truck engines - Racing Tech tips ***](#)

Cleaning & Starter Motors (Homemade & On board)

[1/2 A Starter Motors - .049 -.10 \(email Alan for 3 easy DIY units with cheap 540/550 EP motor\)](#)

[Antifreeze](#)

[Clean and free up RC Engines & Replace Bearings \(email Alan as above .pdf\)](#)

[FEMA On-Board Engine Starters](#)

Engine Noise Reduction & Engine - Propeller combination test results

[Doppler Effect - RPM on Ground and in Air](#)

[Noise reduction - How to by Flying Sites.](#)

[Noise Reduction - keep your flying sites](#)

[Noise test results & procedures - Blackridge & District MFC](#)

Glow, Diesel & CO2 Engines - all (Home pages)

[AP Engines \(ASP clone = Sanye Machinery Co Ltd.\)](#)

[ASP engines \(A.S.P.\) \(Sanye Machinery Co Ltd.\)](#)

[Aviastar Engines](#)

[Axe Motor Rossi \(previously known as "Rossi"\)](#)

[Cen Racing - Includes good care & maintenance and tuning of engines.](#)

[Chung Yang Industries Co., Ltd. - Vertex \(VX\) Engines](#)

[Cox Engines](#)

[Coc engine parts -](#)

[Cox Reed Valve FAQ](#)

[CS Engines \(Raptorz = Meng Ying\)](#)

[Cyclon Engines - FAI & F2B etc. Ru.](#)

[Davis Diesel](#)

[Desert Sky Model Aviation](#)

[DN - Re_OS 120 Gemini power](#)

[Dynamite = Horizon Hobby = rebranded SH Engine](#)

[Great Hobbies - Tech Talk crankshaft thread sizes](#)

[Enya distributor = B.J.'s Model Engine Service](#)

[Fox engines - manuals](#)

[Fuji Engine](#)

[Gasparin's \(Stefan \) Miniature CO2 motors.](#)

[GMS Engines](#)

[Hobao Racing](#)

[HP Engines](#)

[Irvine Ltd](#)

[Irvine Engines](#)

[JBA engines = Vmax, Jen, Revtech & Pichler etc](#)

[JELmotors - RC Car](#)

[Jett Engineering](#)

[Just Engines](#)

[K&B index](#)

[Laser Engines](#)

[Leo engines](#)

[Magnum](#)
[Mathe Engines \(Italy\)](#)
[MECA \(Model Engine Collectors Assn.\) homepage](#)
[MDS - Engines](#)
[MDS - Manual](#)
[ModelEngine.com - K & B, Mecoa, HB, HP, Kavan, Fuji](#)
[Model Rotary Flyer](#)
[Moki](#)
[Moki engine](#)
[MP Jet](#)
[MVVS - Just Engines](#)
[MVVS - engines CZ](#)
[MVVS model engines - Pe Reivers](#)
[Nelson Engines - Performance Specialties](#)
[NitroReview_ reviews of almost every car_truck engine](#)
[Norvel](#)
[Norvel Engines - extensive FAQ \(RCU thread\)](#)
[Novarossi micro engines](#)
[OFNA Racing - Nitro Engines](#)
[OPS engines](#)
[O.S. Engines](#)
[O.S. Wankel reviews and adjustments](#)
[O.S. Engines - Manufacturing Timeline 1936-2007\)](#)
[P-Line Models - Diesel engines](#)
[PAW diesel engines \[Progressive Aero Works\]](#)
[Picco \(aka Omega and/or Omega Picco\)](#)
[RCV Engines Ltd](#)
[RJL,Kavan<Mecoa,Sophia,HP](#)
[Rossi Engine\(s\) manual .pdf](#)
[Saito - Horizon](#)
[Saito - Brenton Watkins - hints and tips](#)
[Sanye Machinery Co.,Ltd = ASP, AP, Magnum,SC etc](#)
[SH Car Engines \(aka Dynamite, Sportworks, LRP, XTM\)](#)
[Sharma Model Aero Engines and Propellers](#)
[SIRIO Star-Motor Engineeering](#)
[Super Tigre \(see also " Carbs & Tuning"\)](#)
[Tartan Engines](#)
[Thunder Tiger Engines-Airplane: GP Series](#)

[Thunder Tiger Engines-Airplane: PRO Series](#)
[Thunder Tiger Engines: Airplane: 4-Stroke Series](#)
[Thunder Tiger Engines: Car & Buggy Series](#)
[Thunder Tiger Engines: Heli Series](#)
[Tiger Shark Engines - China](#)
[Tiger Shark Engines - USA -](#)
[Toki - Shuwa Industries jp.](#)
[Two Stroke and Four Stroke Engines](#)
[Webra Motor](#)
[YS - Japan](#)
[YS engines - USA](#)

Jet Engines, Jetex, Pulse Jets and Turbines

[Airtoi micro turbine specs database](#)
[Airtoi, Jet related links](#)
[AMT Advanced Micro Turbines](#)
[AMT USA, Aviation Microjet Technology](#)
[Azznett - turbine fittings](#)
[BVM Jets](#)
[Crazy jet engine uses***](#)
[Cruise Missile - D.I.Y.***](#)
[DIY Junkyard Turbojet Engine - Built From Junkyard Parts!](#)
[Gas Turbine Builders Association](#)
[Gear Turbine - Retrodynamic](#)
[Homebuilt Jet Engines](#)
[Home made jet & pulsejet engine](#)
[Jet Powered Models, Pulse Jets](#)
[Jetex](#)
[Jetex powered](#)
[Klub Modelarstwa Lotniczego](#)
[Model Mechanics SA - Turbines](#)
[Pulse jet & V1 detail](#)
[Pulse Jet Engines](#)
[Pulse Jet power & models](#)
[Rocket Research Pulse Jet](#)
[SimJet Micro Turbines](#)
[Tamjets](#)

[Turbo Jet](#)

[Turbines, homebuilt FAQ pictures etc](#)

[Wren Turbines Ltd](#)

Petrol engines, carburettors and ignition systems

[Pro Spark Ignition systems](#)

[First Place Gas Engines](#)

[Quadra Aerrow. Engines, 2 Stroke Engines, UAV, Unmanned Aerial Vehicles, Model Aircraft](#)

[Quadra Aerrow. Engines, \(Q35, Q40, Q50, Q65, Q80\) manual \(.pdf\)](#)

[Gas Motors - Set Up,Running, Trouble Shooting](#)

[Engines-Vol I No. 1 Pg 16 _ Power and Economy From Quadra](#)

[B & B Specialties, Inc. = Quadra USA](#)

[BME Engines](#)

[Carr Precision](#)

[CH Ignition systems](#)

[Cheetah - Reids Quality Models](#)

[Conley Precision Engines. 1/4 scale V8 etc.](#)

[Convert Glow to Petrol - Spark Ignition](#)

[DA engines -Desert Aircraft -- Giant Scale Engines, Kits and Accessories](#)

[D&B Engines by Ridge Machine](#)

[DLA Engines - \(Feiao Model, Shaanxi,China\)](#)

[DLE Engines - Mi Le HaoXiang Model Technology Ltd \(formerly DL Power\)](#)

[Enya 180 X-GS - Gas Glow Petrol engine with Glow in lieu of sparkplug](#)

[Erickson Motors - Migrating Combustion Chamber.](#)

[Falkon electronic \[electronic ignition for ZDZ etc\]](#)

[FAQ for Gas beginners - email Alan, address at top, for details.](#)

[First Place Engines!](#)

[Fox Engines](#)

[Fuji Engines](#)

[Gas Engines](#)

[J& A Engineering](#)

[JBA engines](#)

[Kavan](#)

[MacMinarelli - Italy](#)

[Mathe - Italy](#)

[Moki Engines](#)

[MVVS engines CZ](#)

[MVVS - UK](#)

[Optical Kill Switches - Do Not Use RCEXL & Others with Common Ground \(Negative\) line](#)

[Quadra Q35-40-42, US35-41 Parts Breakdown,](#)

[RCS ENGINES = Moki engines & ZDZ](#)

[Ryobi - 31cc conversion](#)

[Sachs Dolmar](#)

[Stihl - How to convert 27cc](#)

[Strictly I.C. - Magazine on Miniature Internal Combustion Engines](#)

[Taurus Engines](#)

[3W Motors](#)

[U.S. Engines](#)

[YW Gasoline engine](#)

[Zenoah Engines](#)

[Zenoah - giant scale engines](#)

[Zenoah, Titan etc - Toni Clark](#)

[ZDZ - modelmotor, Czech Republic](#)

Steam Engines & Sterling Engines

[The Flying Steam Engine](#)

[A Stirling engine which runs on a coffee cup by JL Naudin](#)

[Mamod - Steam Engines and Vehicles.](#)

[SteaMECH - Live Steam Engine Models](#)

[Stirling Engines](#)

FAQ = Answers for Beginners and Advanced RC'ers

[Arming Switches for EP Models & Propeller Strikes ***](#)

[Beginners Guide to R/C Flight](#)

RC system FAQ Tutorial, how the systems work.

[RC System - Understanding how it works](#)

[Servo - Installation into fuselage & wings - extensive pictorial *****](#)

[Videos - How to and DIY 101 Setup for EP & Heli ***](#)

["What Happens When I Wiggle The Sticks" -](#)

[Aerodynamics, Beginners' Guide and lots of info about R/C Model Aircraft](#)

[AeroModels](#)

[`Aeromodelismo' articles - use "Babelfish" at top this page to translate ex Spanish in need.](#)

[Alan's models. two of many..](#)

[Ampeer - Ken Myers' EFO \[Electric Flight Only\]](#)

[Armiong Switch for EP Models](#)

[Barnstormers Links](#)

[Basic Flight Instruction](#)

[Beginners Airstrip](#)

[AM, FM, PCM & Spread Spectrum radios - FAQ re differences](#)

[Beginners' Guide to Model Aircraft ***](#)

[Beginners guide to RC - The original](#)

[Bezel Wrench for Transmitter Switches - DIY](#)

[Blue Max R_C Web Site](#)

[Bolt and Nut Dimensions - Convert USA<>Metric.](#)

[Bolts, Screws, Hex, Drill & Tap sizes, International sizes = Tech Charts](#)

[BeaufortScale. \[Wind Speed Scale - is it to windy to fly?\]](#)

[Canard & Elevon Mixing](#)

[Carl Goldberg Models - General Information Booklet .pdf *****](#)

[Convert styrofoam gliders e.g. U-2 to RC_1](#)

[Convert styrofoam gliders e.g. U-2 to RC_2](#)

[Convert styrofoam gliders e.g. U-2 to RC_3](#)

[Convert styrofoam gliders to a Wally Wing](#)

[Convert Foam Model Stick Motor Mounts for Brushless](#)

[D Link Connectors = One plug Wing Joiner for multiple servos in removable wings](#)

[Electric Flight FAQ - Dummies Guide to Modern RC EP Systems](#)

[Electric Flight FAQ - Everything You ever Wanted to Know](#)

[Electric Flight FAQ - Throttle Safety for TX without "Throttle Lock"](#)

[Electric Power Basics \(.pdf ebook by Ken Myers - Jan11\)](#)

[Electric Power - Every Thing You wanted To Know about EP Flight \(pdf ebook by Ken Myers \)](#)

[Electronic Speed Control - How to Set up for First Time](#)

[Electronic Speed Control - Understanding BEC and LVC features & limitations](#)

[EPP Expanded Polypropylene FAQ & DIY](#)

[FAQ for beginners as per the Flying Penguin](#)

[Failsafe - RC-Cam answers](#)

[Flight Log for models & motors - Freeware Download](#)

[Flutter - Cause, Cure & Misconceptions - with video.](#)

[Foorum.com - liste des titres](#)

[Gadgets for Radio Control, Tony Van Roon.](#)

[Gear - Animations, Pitch explanations, conversions etc.](#)

[General Model Building Tips by Easy Built Models](#)

[General Tips - The R/C Proving Grounds](#)

[Glow driver - On Board Simple Systems](#)

[Great Hobbies - Technical articles](#)

[Helpful Hints ex United Modellers Association - with GIF images. *** if site down, email Alan](#)

[High Flight Archive - Articles and Hints archives](#)

[Hints,Tips and Construction - Tony van Roon #1](#)

[Hints and Tips re electronics - Tony van Roon #2](#)

[Hints & Tips - Hinges. Fabric, CA, Covering Material, Molded etc & Installation Methods.](#)

[How to - Hot Wire Foam Cutter \(more under "Foam - DIY Foam Cutting, Bows etc" below\)](#)

[How to - Tips by Ironsides #1](#)

[How to - Tips & Tricks by Ironsides #2](#)

[HowStuffWorks - Learn how Everything Works!](#)

[Magnetics - FAQ re rare earth magnets - K&J Magnetics](#)

[Metals for Modelers](#)

[Metalworking FAQ/Compendium](#)

[Model Airplane FAQ - G Hiddink](#)

[Model Airplane News "how to" articles](#)

[Model Builder's Information Source - Airfield Models](#)

[Model Doctor.....Many Hints & Tips](#)

[Optical Kill Switches - Do Not Use RCEXL & Others with Common Ground \(Negative\) line](#)

[Radio Control Airplanes - Photos, Movie Clips and more](#)

[Radio Control Models \(Just about everything by Martin X. Moleski, SJ\) ***](#)

[RC Explorer - DIY projects for RC Enthusiasts](#)

[RCFAQ.com](#)

[Repair FAQ.org - many helpful ideas on all aspects R/C](#)

[R/C Hints & Tips, Construction for R/C - Tony Van Roon](#)

[R_C Flight Training Guide](#)

[R/C Helicopter Tips And Resources](#)

[R_C Sailplanes .. Servo ..Radio ..FAQ](#)

[RC Technical Tips Articles w/pictures. - if site down, email Alan for a copy](#)

[Rocket launcher - fire small rockets from RC models](#)

[Rotary Driver System - for ailerons, elevators etc](#)

[Scale Soaring UK - Hints & Tips](#)

[Servo Installations](#)

[Servo Installations - Flap linkage for Acro & Sailplane/Glider](#)

[SIG Mfg's Basics of Radio Control *****](#)

[Sig Kadet Senior - Photo illustrated "How to" Building & flying](#)
[Sig Something Extra Tips](#)
[Student Pilot Flight Instruction Manual - Palos RC](#)
[Tailerons & V-Tails options & set up](#)
[Tailerons vs Traditional Control Surface Configuration - with video.](#)
[The Aussie Shed - Oddities_ Ninja Star, Vtol etc](#)
[The Good Old Times - How the old timers built models and RC gear](#)
[The Balsa Workbench - How to build Balsa Aircraft the old way.](#)
[Timing EPS300C - picture tutorial DIY breaki-in & tuning EP can motors ***](#)
[Tips by George](#)
[Tips and Techniques - RC Proving Grounds](#)
[Transmitter and Receiver Antenna - Orientation](#)
[Vacuum Bagging a Foam Wing - How To _video downloads](#)
[Vacuum Forming own Canopies](#)
[Volts and Amps for Dummies - The Magic of Electric Flying .pdf](#)

Field Boxes, Fuselage Jig, Wing Jig. Tail wheel, Transmitter Tray constr. DIY Helpful Hints

[Aircraft, Boat & Car Stands, Storage Racks etc DIY from PVC Pipe](#)
[Airplane Storage Rack - DIY - Pictorial](#)
[Air tow release , Restraint, Gravity fueling, Glow drivers,. Tx Tray etc.](#)
[Bombdrop \(email Alan for .pdf if site down\)](#)
[Build & Glass a DIY Engine Cowl](#)
[Build & Install a DIY Engine Cowl - Trim to fit](#)
[Thrust Calculator Stand - DIY Test Rig Designs](#)
[CA Hinges - How to Install - RCU techniques](#)
[Field Box - RCFU](#)
[Field Box #2 - RCFU](#)
[Field Box #3 - compact efficient - Email Alan. plan, instructions w/simple power panel](#)
[Flaps _ DIY pictorial of various instalation for working flaps.](#)
[Flaps & Ailerons for Sig Kadet Senior and other models](#)
[Fuselage Assembly Jig - RCFU](#)
[Mounting Holes - Locating and Drilling](#)
[Safety Bench - for RC Plane & Helicopter](#)
[Scale undercarriage Design](#)
[SFK Candy Drop Assembly](#)
[Spoked Wheels - DIY - Flyrc](#)

[Spoked wheels - DIY - RC Groups](#)

[Tailwheel Construction and Fitting](#)

[Tailwheel Construction \(DIY Scale Leaf Spring\) - RCFU](#)

[Transmitter Tray - JC's](#)

[Transmitter Tray - RCFU](#)

[Transmitter Tray - Trays, various.](#)

[Transmitter - Carry case](#)

[Windsock, Wind Guages & Beaufort Scale](#)

[Wind Direction Indicator \(Streamer\) for 2.4GHz](#)

[Wing Assembly Jig - RCFU](#)

[Wire Bender - DIY Music Wire Bender](#)

Fibreglass, Carbon, Resin Moulding & Casting Cowls, Spats, Canopies

[See also "Mold, Cast & Vacuum Form items yourself" sub section below.](#)

[Composites Information](#)

[Covering Models With Fibreglass Cloth by Jim Ryan](#)

[Fibreglass or make your own FG hull](#)

[Fiberglass Parts - Lost Foam Technique](#)

[Fiberglass skins - the easy way](#)

[Fibreglass Techniques & Information](#)

[FibreGlast.Com](#)

[How To Articles = DIY Composite Spars, Molds, Parts, Skins & U/C](#)

[How To = Ironsidz](#)

[Model Car Tech - Resin Casting etc.](#)

[Molded fuselage - how to pictures](#)

[The Cheap Little Sucker - make a vacuum pump](#)

[Vacuum Bagging Wings](#)

[Water based Polyurethane skin glassing](#)

Cowls, Spats, Canopies etc - Manufacturers.

[Buildi & Glass an Engine Cowl](#)

[Carbon Copy - Carbon & Figlass upgrades for RC models](#)

[Fibreglass Specialties](#)

[Stan's Fibre Tech](#)

Fibre Optics

[Fiber Optic link - DIY](#)

[Forgues Research - replacing RC system leads with Fibre Optic](#)

[RAM Electronics - Fibre Optic Devices](#)

Flags

[Animated flags for web pages, emails etc.](#)

Floats and Skis

[Designing & Building Floats - Chuck Cunningham](#)

[Design Calc - Lee Van Tassle's RC Airplane Design Calculator inc Floats, Canards, CG etc - email Alan for winzip copy of original calculator ***](#)

[Float design](#)

[Foam Float Core Construction - by Ironsides](#)

[Floats - CG position .jpg. \(If site down - email Alan for a copy\)\)](#)

[Floats for electrics - J Spencer](#)

[Floats, plans and downloads etc](#)

[RC Float Flying_Photogarphy_Floats & DIY](#)

[Skis - Ironsides](#)

[Skis and floats - Randy Linderman & George Nichols](#)

[Ski Kits for R_C Aircraft](#)

[Skis - DIY make & fit](#)

[Winter Float Flying - snow & ice](#)

Flying Chair - Sit down and fly RC system as if in Plane/Heli cockpit. or handicapped.

[Amazing Flying Chair](#)

[Heli-Chair](#)

Flying Wings (inc Delta), Flapping Wings or Ornithopter. [see also Gliders below.]

[Advanced Propulsion - JLN Labs - ElectroHydroDynamics \(E.H.D.\)](#)

Flying wings

[Airfoil Design for Tailless Airplanes](#)

[Andy MacDonalds Flying Wing page.](#)

[Airfoils for Flying Wings and Tailless Airplanes ***](#)

[Birdworks - inc the RC Gull](#)

[Convert styrofoam gliders to a Wally Wing](#)

[Correx Deltas - good plans & video.](#)

[Flying Wings](#)

[Flying Wings : An Anthology](#)

[Flying Wings - Basic design](#)

[Flying Wings - Tip Plates & Fins](#)

[Flying Wings - Trimming](#)

[Foam Wing Construction - RCFU](#)

[Mugi Correx Combat Flying Wing](#)

[Pibros - download free plans for small 2 ch.](#)

[Theoretical Flying wings](#)

[TWITT- The Wing is the Thing](#)

Flapping Wings - Ornithopter

[1900 Clark BiWing Ornithopter](#)

[Bionics and Evolution technique](#)

[CyBird \(- with movies etc\)](#)

[Flapping Flight Links](#)

[Flapping Flight - Ornithopters](#)

[Multiwinglets_Rueckstromtaschen](#)

[Ornithopters](#)

[Ovirc - Objets Volants Insolites RC \(French & English\)](#)

[Park Hawk, Slow Hawk, Shrike etc.](#)

[Robofalcon - Intercept technology](#)

[Truefly - Flying by flapping wings](#)

[The Flutterby](#)

Foam - DIY Foam Cutting, Bows, Coroplast, PVC & SPAD. [also refer "Gliders" below.]

[Aerofoan Radio Control](#)

[Aeropic : RC planes and PIC based electronics](#)

[Andy MacDonald's Flying Wing Page - inc. construction tips -vacuum bagging etc](#)

[ARF Foam model repairs](#)

[Building and Sheeting Foam Wings - without excess weight.](#)

[Building a Zagi and similar foam models***](#)

[Convert styrofoam gliders e.g. U-2 to RC_1](#)

[Convert styrofoam gliders e.g. U-2 to RC_2](#)

[Convert styrofoam gliders e.g. U-2 to RC_3](#)

[Dan Marlowe's R_C Page - Foam Wings](#)

[Dave's Aircraft Works Homepage](#)

[Del Brengman's Foam Cutter Plans](#)

[Elapor is Stronger than EPO, EPP, Z Foam etc.](#)

[EPP, EPS, EPO and PN Foam - Differences and use](#)

[EPP Expanded Polypropylene FAQ & DIY](#)

[Feathercut Hot Wire Foam Cutter for Cutting Foam](#)

[Foam Cutting Machine - Full instructions for DIY - Tal](#)

[Foamworks - foam cut to your requirements](#)

[Flying Saucer, Beer mat, Stop Sign, Superman, Vroom Hilda etc - Email Alan T. direct for jpegs.](#)

[Flying Wing Page - inc. construction tips -vacuum bagging etc](#)

[Floyd Glider construction page](#)

[Foam Cutter \(Hot wire\) Automatic DIY - with videos](#)

[Foam Cutter \(Hot Wire\) - Plans for Bow, Power Supply & use. - Del Brengman's](#)

[Foam Cutter \(Hot Wire\) Bow construction - RCFU](#)

[Foam Cutting \(Hot Wire\) Power Supply - easy D.I.Y.](#)

[Foam Wing Construction - RCFU](#)

[Foam Wing Construction - How to Sheet](#)

[Foam Wing Retract Installation](#)

[Foam Wing Borer - for wing tubes](#)

[Foam Wings - How to cut perfect channels](#)

[Frankenfoam - Cheapest Foam Airplane.](#)

[Hot Wire Foam Cutter](#)

[Hydro-Foam - Jean-Louis Naudin](#)

[New to the Slope ***](#)

[Northwest Hobby Technology - Giant Scale planes](#)

[SPAD Home Page](#)

[Trick R_C EPP Foam Gliders](#)

[The Work Bench -- Vacuum Bagging Wings](#)

[The Cheap Little Sucker - Vacuum pump](#)

[Vacuum Bagging](#)

[Vacuum Bagging a Foam Wing - How To _video downloads](#)

[Wing Manufacturing](#)

Free Flight

[Building and Flying CL, FF & RC Airplanes](#)

[Covering with OS \(Foodwrap\) film](#)

[Dethermalizers - Simple Timers](#)

[Free Flight Fantasies](#)

[Free Flight - Learning, research, projects and fun](#)

[Free Flight Online](#)

[Free Flight Supplies](#)

[Hand Launch Glider Tips](#)

[Jetex](#)

[Mike's flying scale model pages](#)

[Pathways](#)

[Pennyplane](#)

Freight & Post

[NZ Post - Letters and Parcels](#)

[DHL Red Planet](#)

[Postal Service Calculators](#)

Frequencies - Intl lists. PCM Vs PPM. FCC Regs.

[AM, FM, PCM & Spread Spectrum radios - FAQ re differences](#)

[AM, PPM, PCM wave forms \(FMA 1989\)](#)

[PCM Vs PPM etc](#)

[Australia](#)

[Canada](#)

[Canada - GH Frequency Chart](#)

[Europeennes Frequences](#)

[European Frequencies - all](#)

[European, Japan, Australia, Taiwan](#)

[FAI - Worldwide Country List - Radio frequencies for model aircraft](#)

[Frequencies - for RC Modelling in various countries - multi lingual ***](#)

[Frequency Analyser - a must for large clubs.](#)

[Great Britain \(UK\)](#)

[International Frequencies - BMFA list](#)

[Japan](#)

[NZ - General User Radio Licences](#)

[NZ - Aero Model \(to be read in conjunction with above GURL link\)](#)

[NZ_ Frequencies available and suitable for FPV.](#)

[PerCon DataFinder](#)

[RC Frequency Monitor - DIY](#)

[RC RFI \[Interference\] Scanning FAQ](#)

[Singapore - 27 & 29 mhz.](#)

[South Africa](#)

[72 MHz is a shared frequency in USA & at least NZ, not just for RC Aircraft.](#)

[USA FCC rules & regulations](#)

[USA FCC - Search \(e.i.r.p. or mW data etc\) Futaba_AZP, Airtronic_Sanwa_AXY, Howizon_JR_BRW,](#)

[Hitec_IFH, Esky_R6R](#)

Fuel - Diesel, Glow Fuel & Smoke Oil Facts & FAQ + Fuel Tank installations

[Basics Part 1: Fuel Basics - RC Car](#)

[Byron Fuels - mfg plant etc](#)

[Castor vs Synthetic - FHS \(Red Max\) recommendations.](#)

[Diesel Fuel - mix and blends for model engines by PAW Engines](#)

[Diesel Fuel - mix and blends_DIY - Control Line Diesel Combat](#)

[Dye - Colour DIY Home Brew Fuel #01](#)

[Dye - Colour DIY Home Brew Fuel #02](#)

[FUELS - John Modistach \(Includes Chemical Charts, blends & uses\) *****](#)

[Fuels - Brian Hampton](#)

[Fuel - 2 Str & 4 Str commercial mixtures](#)

[Fuel Safety Alert - RC](#)

[Fuel system - set up multiple tanks for Jet, Heli etc.](#)

[Fuel system - set up one tank multi engine or one engine multi tank.](#)

[Fuel system - How to install header tank in Pusher aircraft - email Alan for jpg.](#)

[Fuel system - How to install a Heli header tank](#)

[Gas Engines_Newbies Guide_Giant Scale](#)

[Klotzlube.com - Glo Fuel Blending Chart](#)

[KY Tech - Kr.](#)

[Morgan Fuels = Home brews, Cool Power, Omega etc.](#)

[Nitromethanol, and/or RC Fuel](#)

[Nitromethane - bulk supplies - Angus \(Dow Chemicals\) USA](#)

[Nitromethane - bulk supplies - Ju Xin International CN](#)

[Oil test comparisons](#)

[Powermaster Hobby Products Inc.](#)

[Powermaster - 2st vs 4st fuels - is there a difference?](#)

[Powermaster - What is the Oil Content](#)

[Powermaster - Which Oil is Better- Synthetic or Castor](#)

[Nitromethane, The Mystery Ingredient](#)

[Smoke Oil - DIY Formulas](#)

[Storing Fuel for Maximum shelf life](#)

[RC Nitro Engines - Fuel properties](#)

[Tech Charts - J Modistach](#)

[Water in Fuel - test results and effects](#)

[Wildcat](#)

Fun Fly

[Fun Fly Ideas for club days = email Alan \(top of page\) for a list and descriptions](#)

[Bombdrop](#)

[Fun Fly Association - National Competition](#)

[HSRCM RC Model Airplane Kits](#)

[Profile and Fun Flying Planes](#)

Gear ratios, tables, gear boxes, belt drive etc.

[HPC Gears Technical - General](#)

[HPC Gears Technical - Pulleys & Belts](#)

[HPC Gears Technical - Gears & Gearing](#)

[HPC Gears Technical - Chains](#)

Giant Scale, Large RC models, Twins & Multi Engines

[A123 Battery FAQ for Giant Scale and IMAC](#)

[BigStuffUK](#)

[BTE - Super Flyin' King - many tips for "big ones"](#)

[Battery - Separate for Retract Servo - DIY harness. \(refer also sub section "Retracts" below\)](#)

[Dual Battery - Separate Batteries for Receiver and Servos - Pictorial](#)

[Dual \(Parallel\) Battery Operation = Dual A123 Battery Backup System](#)

[Dual Batteries - Multiple Batteries may be installed for redundancy or even one for each servo.](#)

[Dual RX, dual batts, isolators, 6v, voltage depression, redundancy, etc](#)

[Dual Rx / Dual Batteries](#)

[Dual Receivers - Reduces strength of the Rf link](#)

[Dual Receivers #2](#)

[Dual Receivers #3](#)

[Dual Redundant Batteries & Receiver set up](#)

[DynaFlite PT-19 Cornell - good building tips and photos.](#)

[eGroups GiantscaleRC](#)

[Gas Modeling - FAQ answers by Futaba](#)

[Genesys - On Board Charging system \(Alternator\) for RC models](#)

[Giant Scale Aerobatic List](#)

[Giant Scale Gas Engines Newbies Guide \(.pdf\)](#)

[Giant Scale RC Technical Tips](#)

[Giant War Birds](#)

[Ghost Squadron - UK](#)

[Glow Driver - Simple On Board Glo Driver](#)

[Glow driver - DIY easy On Board Glow Ignition system](#)

[International Miniature Aircraft Association](#)

[Large Model Association = UK](#)

[Large Scale Model Assn - UK](#)

[Large Scale Composite Airplanes.. inc videos](#)

[Miniature Aircraft NZ.](#)

[Optic Isolators & more - S.M.Services \(U.K.\) Ltd](#)

[Practical Scale - Rawle Aviation \(UK\)](#)

[RC Installation for Large Models - If site down, email Alan for .pdf](#)

[RC Warbirds - FAQ on set-up and flying warbirds.](#)

[RFI Prevention - Ensure "R" type plug and/or Cap is fitted to Petrol Engines.](#)

[Servo - 5 amp Fuse Leads to Protect Against Dead Short Melt-downs](#)

[Sullivan - Alternators, Starters etc for Unmanned Vehicle](#)

[Twinman - FAQ on set-up and flying Twin and Multi engined aircraft](#)

[Victor - 14% by Gordon Nichol's](#)

Gliders: Dynamic, Slope and Thermal Soaring - See also Flying Wings & Foam Wings above.

[The New Glider Pilot's Handbook - free ebook](#)

Dynamic Soaring

[Albatrosses at Work](#)

[DS Fest 2002](#)

[Dynamic Soaring ***](#)

[Dynamic Soaring - How To](#)

[Dynamic Soaring - Another World Record 393MPH \(632KPH\) - video](#)

[Dynamic Soaring in Fei Ngo Shan](#)

[Dynamic soaring Videos und Fotos .de](#)

Glider FAQ, Soaring and Scale Soaring

[Articles and Tips](#)

[Colorado Gliders - Tools and Calculators](#)

[NZ North Island Handlaunch](#)

[Piggyback Carrier DIY for aerial launch](#)

[R_C Sailplanes](#)

[Sailplanes Unlimited....tips](#)

[Scale Soaring UK - Hints & Tips](#)

[Soaring FAQ](#)

[Soaring for Beginners - Part 1.](#)

[Thermals](#)

[Trimming Techniques for Multi Channel Gliders](#)

Slope Soaring. (See also Foam Wings)

[LRGA - Lets go round again Slope Soaring club](#)

[New to the Slope](#)

[Slopeflyer - Slope soaring sites, news, planes and tips](#)

[Try Slope Cross Country](#)

[Airfoils for Flying Wings and Tailless Airplanes](#)

[Andy MacDonalds Flying Wing Page](#)

[Articles and Tips](#)

[Canterbury Sailplanes](#)

[Discus Launch Gliders - DLG links, Manuals and Reviews](#)

[Flying Wing Models - Basic design](#)

[Flying Wings - Trimming](#)

[Hotwings - Dave Larsen's IDISC movies](#)

[Impact Airframes = DLG](#)

[International Scale Soaring Association](#)

[League of Silent Flight](#)

[Soaring for Beginners](#)

[Pull Pull Ruddervators - site down, email Alan for copy .pdf](#)

[RC Videos,Slope, Dynamic soaring, Surfing](#)

[R_C Soaring - Home Page](#)

[R_C Sailplanes](#)

[The Wing is the Thing = TWITT](#)

Glue - select correct adhesive for the material

[Adhesives - RC Airplanes](#)

[Depron, EPP and other foam material - test results](#)

[Gluing Coroplast & plastics \(Download - "save target as" to desktop\)](#)

[Gorilla & Sumo Glue - Uses and Tips for foam & timber repairs](#)

[GWS Glue - same as 3M formula pack](#)

[Kitsets - Polyethylene, PETE, Wood, Vinyl, Metal etc](#)

[Plastic Bonding and Repairs 01](#)

[Plastic Bonding and Repairs 02 - EP aircraft cowl, fuselage etc.](#)

[Preserving Gorilla & CA Glue](#)

[Stabilit Express - Epoxy for all Plastics \(inc join Heli Frames.\)](#)

[This to That \(Glue Advice = which to use for each application\)***](#)

Super Glues (Cyanoacrylate & Epoxy Adhesives. etc)

[Cartell Chemical Co. LTD.](#)

[E-Z Bond](#)

[Evobond](#)

[Holdtite Adhesives](#)

[Adhesive, Glue & Gelatine](#)

[Sur-Lok, Anaerobic and Cyanoacrylate Adhesives.](#)

[Techbond Manufacturing Sdn Bhd](#)

Gundam = Bandai

[Bandai Plamo net - Bandai Hobby Depatment](#)

[Gundam Official : : Welcome](#)

[Universal Century: a Gundam resource for the BESM RPG](#)

Helicopters, Autogyros & Multicopter, Quadcopter & Tricopter

[Heli Skills and Setup 101 - Videos](#)

[Hitec - Aurora - Finless Bob's "How To Set Up" Video series](#)

[Gyro Info - refer" Auto Pilots & Gyro" under "Radio Systems, Accessories, Alterations and FAQ" below.](#)

[Swashplate Types - FAQ](#)

Electric Helicopter (micro indoor outdoor)

[Eclipse set up for 90 degree CCPM](#)

[Electric Helicopter Beginner's Guide](#)

[E-Flite 2.4 Ghz = Spectrum Compatible](#)

[E-Sky 2.4 Ghz = Futaba Compatible](#)

[GWS Dragonfly vs Honey/Humble Bee \(Reasons why GWS is best option\)](#)

[GWS Dragonfly set up & mixer adjustment](#)

[Hitec HG-5000 Gyro Setup & Review with videos. ***](#)

[Honey bee II Micro Heli RTF Review & set up.](#)

[Honey bee CP-2 secrets & upgrade Fixed Pitch to CCPM heli.](#)

[Honey Bee King 2 - Beginner FAQ](#)

[Honey Bee King 2 - Tune up](#)

[Kyosho Caliber M24 - Video intr - Jean-Louis Lieben](#)

[Kyosho USA - Tips re set up of all Kyosho Heli](#)

[Radd's School of Rotary Flight = tutorial ***](#)

[T Rex Owner Advice](#)

[Trex DIY how to set up Video Tutorials - Free](#)

Autogyros

[Autogyro Company of Arizona](#)

[Plans , Videos, and Books...- Autogyros etc.](#)

[Ricks Gyro Page.](#)

[R/C Autogyro Kits](#)

[R/C Model Autogyros](#)

Multicopter, Quadcopter & Tricopter

[DIY FPV Spider Quads - Videos](#)

[Quadrocopter and Tricopter Info Mega Link Index](#)

[Tricopter V2 build](#)

Raptor - Thunder Tiger .30 .50 .60 & .90

[Bill Ludwig - comprehensive heli site](#)

[Kyosho Nexus .30 - Thunder Tiger Raptor](#)

[Raptor - Read BEFORE FLYING a new .30 , .50 or .60](#)

[Model heli raptor](#)

[Raptor 30, 50, 60, 90 - RCU Forum](#)

[Raptor Newsletter](#)

[Raptor ARF Heli - MAN : Reviews - Thunder Tiger](#)

[Raptor Online - Raptor RC Helicopter -](#)

[Raptor Technique](#)

[Eclipse TX setting Gyro - amendment to manual](#)

[Hitec Aurora - Set Up TriCopter & MultiCopters](#)

[Articles - Littlerotors re Raptor, Tuning, TRex etc](#)

[Servo - Best servos for each size of Heli.](#)

[Air Foil Aviation](#)

[Beavisland 2000](#)

[Cyclic/Collective Pitch Mixing \(CCPM\)](#)

[Cyclic Rings What do they do?- For Mode 2 only - Setup](#)

[D'Best Co. Helicopter Page](#)

[Floats - DIY for Helicopter](#)

[Helicoptering - Natescape](#)

[Henseleit Helicopters](#)

[Hirobo Shuttle Z_ZX_ZXX Manuals Page](#)

[Hirobo Tsurugi Web Site](#)

[How Helicopters Work](#)

[International Radioc Control Helicopter Assoc.](#)

[Jason Chan's RC Heli - R/C Technique](#)

[Kyosho Helicopters - RCU Forum](#)

[Kyosho Nexus - Thunder Tiger Raptor etc - Online Manuals](#)

[Kyosho USA - Tips re set up of all Kyosho Heli](#)

[Lite Machines Corporation - Electric and Glo](#)

[Littlerotors.com ***](#)

[Microhelis](#)

modelcopter.com

[Morley Helicopters Ltd - W3MH](#)

[Natscape](#)

[Radd's School of Rotary Flight ***](#)

[RC Helis In New Zealand Information](#)

[Robbe Helicopters Help Page](#)

[Robbe - Schluter Moskito Basic](#)

[Rocket launcher](#)

[RcCopter.com](#)

[RC Heli Base - On Line data Source for RC Heli ***](#)

[R_C Helicopter Page](#)

[RC Helicopter Tips, Articles, Reviews etc.](#)

[RotorKraft - 23cc Gasser](#)

[The R_C Helicopter Fever](#)

[Tricopter - Build - DIY](#)

[Vario Helicopter](#)

Hovercraft, Airboats, Ground Effect Vehicles & VTOL Harrier etc

[Advanced Hybrid Aircraft Home Page - Airships, Hovercraft & Blimps](#)

[Coleopter - Jetex flying cylinder](#)

[FlightLines; Model Aircrafts Unleashed!](#)

[Flightlines's Model Hovercraft Section](#)

[Geobat - Flying Saucers](#)

[Ground Effect Vehicles. Plans, Pictures etc.](#)

[Hover - The Aussie Shed \(Syrex Wasp\)](#)

[Hydro-Foam - the flying hydroplane. \(hovercraft, aircraft, boat or car?\). video + plans info ***](#)

[Hypercraft Associates - WIG vehicles](#)

[Model Hovercraft](#)

[RC Harrier Story](#)

[RC Model Hovercrafts FAQ](#)

[RC-HoverCrafts - forums etc.](#)

[R/C Flettner Rotorplane - site down. Email Alan for .pdf of Manual inc plans.](#)

[Rotor plane - tumbling-rotor gyroplane](#)

[ScratchBuilt R/C Airboat](#)

[The Aussie Shed Hover, VTOL etc](#)

[TurboPlane - Construction Photos](#)

[TurboPlane \(TurboPlan\) Austrian UFO / Flying Saucer: A True VTOL Aircraft](#)

[SR.N5 and SR.N6 Hovercraft](#)

[WIG : Wing-In-Ground effect craft](#)

Humour and Games

[Animated GIFs.](#)

[Aviation Animation gif animation free graphics](#)

[Flypower](#)

[The Flying Penguin Homepage](#)

[Urban Legends : Humor \(Word Imperfect\)](#)

[Work Well With Others](#)

Instructors (Includes Commercial) for RC Aircraft and Helicopters & Club Safety Measures

[Club Flyng Safety *** - VIDEO for clubs on how to have fun but fly safely](#)

[1st U.S. R/C Flight School](#)

[2ndr RC Flightschool](#)

[fly](#)

["The Instructor"](#)

[Student Pilot Flight Instruction Manual = Palos RC](#)

[Ragland technique](#)

[R/C Flight Instruction \(Teaching the "Perceptually Challenged!" to Fly\)](#)

[The RC Airplane Instructor & Student Handbook](#)

[Radd's School of Rotary Flight](#)

Jet & Turbine RC Aircraft sites.

[Artesjet News - homebuilts](#)

[Boomerang Jets](#)

[California R.C. Jet Association -](#)

[JAA - Jet Aerosport Association of Australia](#)

[Jet Adict Links](#)

[Jet Links](#)

[Jet World Masters](#)

[jetZILLA online magazine - miniature jet propulsion.](#)

[Kress Jets](#)

[NZ Jet Modellers Association](#)

[Philip Avonds Scale Jets](#)

[ROJets](#)

[Tamjets](#)

[Turbo Jet](#)

[Wennmacher Modell Technik - Wemotek](#)

Kites

[GoFlyKite - RC night flyers with LED's and traditional](#)

[Kites and Kite gadgets - DIY](#)

[Kites Dot Org](#)

[Kitty Hawk Kites and Carolina Outdoors](#)

[SkyHi Kites](#)

[Wind Wizards](#)

Lights (inc Night Flight)

[CoolWireUSA Luminescent](#)

[Curtek Systems](#)

[Fiberoptics](#)

[Glow Inc - Glow in the Dark Powder](#)

[Lighting for Aeromodellers](#)

[Lighting System for Night Flying](#)

[Night Flight - B.D.Felice](#)

[R_C Neon](#)

[RC Lights - LED Lighting Systems](#)

[Ram Radio Controlled Models Home Page](#)

Ladyhawks - Lady fliers homepages & Forums

[LadyHawks](#)

["The Lady Likes to Fly"](#)

[Model Wife - AMA](#)

Magazines & Publications + On Line magazines

On Line Magazines - Free

[Ampeer - Ken Myers' EFO \[Electric Flight Only\]](#)

[Cybermodeler \[Aircraft, Armor, Automotive, Space, Military Modelers & Historians\]](#)

[Electric Flyer Magazine](#)

[Ezone Mag.](#)

[Internet Modeler - Scale Modeling Magazine](#)

[jetZILLA Magazine re miniature jet propulsion.](#)

[ModelArt Australia](#)

[Modelflight - Reg Heath's](#)

[Model Gas Boat](#)

[Modeler Site - Plastic kits](#)

[RC Online Magazine](#)

[RCEzine](#)

[RCKorea](#)

[RCM & E - Modelflying](#)

[RCNewz - Cars & Trucks on line magazine](#)

[RC Soaring Digest magazine - free](#)

[RC Universe Magazine Reviews](#)

[Wing Publishing - Golden Age, the years between 1919 and 1939](#)

[Aviation links](#)

[Airborne Magazine](#)

[Bob's Aircraft Documentation](#)

[Classic Wings](#)

[Flying Models Magazine - RC](#)

[Model Airplane News](#)

[My RC Korea](#)

[Plans and Aviation links - Joao Aldeia.](#)

[Radio Control Model News](#)

[RC Advisor](#)

[RC MicroFlight](#)

[R/C Model World](#)

[R/C Modeler Magazine](#)

[RC Models in Russia](#)

[RC Soaring Digest](#)

[S & E Sailplanes & Electrics](#)

[Thomas Delgatto's 3 view model pages.](#)

Manuals - download .pdf files etc.

[RCtube.eu - There are 2148 manuals for RC Systems, Cars, Planes, Engines etc available](#)

Manuals for Engines

[Engine Manuals - Download or Upload - RC Groups Sticky.](#)

[Fuji Engines Product Manuals](#)

[MDS Engines - \(MDS-MIKRO, JSC\) Manuals](#)

[O.S. Engines Product Manuals](#)

[SuperTigre Engines - Product Manuals](#)

[GMS Engines - Manuals](#)

[Saito small to medium engine manual .pdf](#)

[Thunder Tiger](#)

Manuals for RC Systems, ESC, Gyros, etc

[Ace R/C and other major brands](#)

[Art-Tech E-Sky 6ch TX ETC62_2.4](#)

[Airtronics - known as "Sanwa" outside USA](#)

[Airtronics - known as "Sanwa" outside USA -2..](#)

[Art-Tech \(E-Fly\) Manuals.](#)

[Bantamtek - chargers](#)

[Castle Creations - Berg RX, Phoenix & Pixie ESC etc.](#)

[Corona 2.4Ghz TX Module & RX .pdf](#)

[Directory of /Radio Control schematics - .pdf many brands](#)

[Hitec Eclipse TX FAQ & setting Gyro - amendment to manual](#)

[ESky - Shenzhen TWF Hobby Trading Co., Ltd](#)

[Flysky 9x, aka Imax 9x, aka Turnigy 9x, aka Eurgle 9 Ch - Manual post #9 & FAQ](#)

[Futaba](#)

[Hitec Eclipse Pro Car - 3ch 20 memory, Detail & Manual](#)

[Hitec RCD - USA.. \[Manuals - download pdf or from each product screen\]](#)

[Hitec - Optic 5 - 2.4GHz](#)

[Hitec Optic 6 - Tutorial \(learn mixing & other functions irrespective of brand\) ***](#)

[HobbyKing HK-T4A Tx and HK-TR6A Rx 2.4 GHz](#)

[HobbyKing HK-T6A aka Turborix 6 ch 2.4 GHz](#)

[JR - JR Max 6 NET-W126FZ \(.pdf 6393kb.\)](#)

[JR - Transmitters & Gyros \(recent\)](#)

[JR - Transmitters & Gyros etc \(old\).](#)

[JR Propo X-388S - 3-part series on the JR X388S Sailplane Radio.](#)

[Multiplex - click on downloads then "anleitungen" "](#)

[Polk's Tracker 3 transmitter Manual:](#)

[Robbe, Graupner and most others -](#)

[Sanwa = Airtronics Manuals](#)

[Spektrum](#)

[Sombra RX manuals](#)

[Zebra RC systems - Zebra 4FM](#)

[Zebra RC systems - Zebra 3FM](#)

[Zebra RC systems - Zebra 2AM](#)

[Walkera manuals and video](#)

[Wfly WFT09](#)

[Academy RC Car manuals and spare parts](#)

[\(Academy manuals not found above site - email Alan for .pdf copies](#)

[Bantamtek Manuals = Multiplex LN5014, E-Station 301 & 501 and Hyperion chargers.](#)

[Dynaflite Product Manuals](#)

[Great Planes Parts Lists and Manuals](#)

[GWS manuals - Aircraft, RC and EP power systems.](#)

[Hobbico Product Manuals](#)

[Kyosho Product Manuals #1](#)

[Tamiya Manuals ::](#)

[Thunder Tiger manuals, Aircraft, Boats, Cars, Engines etc.](#)

[Top Flite Product Parts Lists & Manuals](#)

**MAV & UAV - Miniature Aircraft, Drone Spy Planes, Heli, etc (see also
Photography by RC, FPV, Spraying by RC and Wireless Video RC. below).**

[Autopilot - Do it yourself UAV](#)

[DERA micro air vehicle - microjet](#)

[FPV - Video Piloting \(FPV/RPV\) RC Groups - largest FPV forum.](#)

[FY21AP FPV system - RCModel Review](#)

[Hangar 18 \(includes Osprey as used by Sea Shepherd\)](#)

[Increase Range of your FPV equipment](#)

[Large Scale Composite Airplanes.. inc videos](#)

[MAV, UAV & Darpa LINK site](#)

[Military UAV - How Communication is Similar but Differs From RC Models](#)

[Micro Air Vehicles](#)

[Micro Air Vehicle Competition Site](#)

[Micro Aircraft Vehicles etc](#)

[NZ - FPV and Frequencies available and suitable in NZ](#)

[RCExplorer - Tricopter & Multicopter Setup, FPV & Video](#)

[Skycam UAV NZ - Kahu](#)

[Spy Planes from MLB Company](#)

[Sullivan - Alternators, Starters etc for Unmanned Vehicle](#)

[Tiny Surveillance Aircraft to Fly in Tucson](#)

[UHF RC system version 3 booster 7W V3.33 - Thomas Scherrer](#)

[WES-Technik](#)

Meteorites - Rocks - Gems - Minerals

[Arizona Skies Meteorites: Meteorites](#)

[Meteorites, Tektites, Rocks, Gems, Minerals](#)

[Marysville Rock & Gem Club](#)

[Goodletite - Rubyrock of NZ](#)

Modelling FAQ - Resin, Photoetch, Scale, Paper, Painting, Fonts, Repair &/or make replacements, Tools etc.

(Plastic and Resin kits indexed lower down)

[FAQ re Scale Models - All answers to assembly, detailing, photo etched parts, painting etc.](#)

[FAQ - Ship Models](#)

[Digital Card Models - Steve Bucher](#)

[Eduard Model Accessories ltd.](#)

[Evergreen Scale Models](#)

[Fonts = Fontmania](#)

[Free decal downloads - Vektorgrafiken für Scalemodelle](#)

[How to build scale model? F-15E Kingtiger](#)

[How to Drybrush](#)

[How to apply Decals](#)

[How to Fill Seams & Sand models](#)

[How to Make Realistic Plastic Models of World War 2 Airplanes.](#)

[HyperScale - Aircraft & Armour Modellers Reviews](#)

[International List of Scale Model Related Web Sites](#)

[minsgallery \(Resin Figures etc\)](#)

[Mission Models - Etch Mate, Multi Tool and Grabhandler](#)

[Model Car Tech - Photoetching, Resin Casting etc](#)

[Modelling Course \(FAQ for beginners\) - Bill Zuk](#)

[Modeling Madness : Finest Review Site on the Web](#)

[Paper Airplane Hangar Page](#)

[Paper warbirds](#)

[Permagrit Tools Homepage](#)

[Plastex = Plastic Repair or make copies of parts - Kits](#)

[Perth Military Modelling Society Links](#)

[Plastruct, Inc. - Technical Info And Tips](#)

[Model Master Tech Guide *** site down, email Alan for zip .pdf x 12](#)

[Tamiya Online Catalog](#)

[Tony Matteliano's Scale Model Index](#)

Mold, Cast & Vacuum Form items yourself FAQ inc pictorials (see also Fibreglass etc section)

[Advanced Resin Casting: DIY Vacuum RTV molding & Resin casting](#)

[DIY Bronze, Pewter, Zinc & Aluminium Casting - Home Foundry](#)

[Fibreglass Techniques & Information](#)

[Model Car Tech](#)

[Molding & Casting](#)

[Mold cowls easily from PET bottles. #1](#)

[Mold cowls & Canopies from PET bottles. #2 \("Save Target as" to desktop.\)](#)

[Mold cowls & Canopies - How to avoid webbing \(wrinkles\) when vacuum forming](#)

[Mold Making](#)

[Plastex = Plastic Repair or make copies of parts - Kits](#)

[Plastic Bonding](#)

[Vacuum Form](#)

[Vacuum Former - email Alan for DIY Vacuum former machine & canopy etc.](#)

[Vacuum form - Pictorial instructions _ click thumbnails for full text.](#)

[Woodland Scenics - make latex molds, cast plaster etc](#)

Paints, Colour Charts, Mix Formulae & Strippers & How to spray F/Glass and ABS plastics - see also Airbrush files above.

[AK-interactive S.L. - Enamel Weathering Techniques, Washes, fading and oils](#)

[Alclad 2 - Model Lacquers - Natural metal finish lacquer](#)

[Chemical Compatibility of Common Model Finishing Materials](#)

[Colour Cross Reference -The Ultimate Model Paint Conversion Chart](#)

[Colour Cross Reference - cross indexed charts of the 19 most popular brands](#)

[Colour References - All Services Camouflage Schemes _ Don Color](#)

[Colour Reference Charts - Part 1 = Urban Fredriksson's](#)

[Colour Reference Charts - Part II = Urban Fredriksson's](#)

[Colour Reference Library - Airforce & Military](#)

[Elapor - How to paint.](#)

[How to Spray Paint F/glass & ABS plastics](#)

[Humbrol Paint Cross Reference 1](#)

[Humbrol Paint Cross Reference 2](#)

[Klass Kote - 2 pot fuel resistant epoxy resins](#)

[MIG productions - pigments](#)

[Paint Strippers for plastic models etc.](#)

[Simmers Paintshop - Airforce colour charts \(RGB & FS included\) and mixes](#)

[Tamiya Paint Mix Formulae](#)

[USN & USMC WWII & contemporary](#)

Paper Models (The Scale models are a good source of documentation)

[D I Y alternative scratch modelling](#)

[Paper scale models and links to other similar sites](#)

[Paper airplane - The best paper airplane in the world!](#)

[Paper Airplanes that Fly - free](#)

[Scale paper Models - By Airclassique](#)

Parachute - Paragliders & RC Skydiver

[High Power Rocketry Parachutes - Fruity Chutes](#)

[John And Bob's R/C Skydiving - DIY Plans & Links](#)

[Let's Jump - John & Bob's Skydiving](#)

[Little Juan's RC Parachute Skydiver - DIY Construction & RC set up](#)

[Little Juan's RC Parachute - equipment \(photos\) page](#)

[Paramax - Modellfallschirmspringer](#)

[Parasol & Rogallo Wings - FAQ, DIY Vroom Hilda and more - email Alan T. direct as above for PDF](#)

[Paraplane Sport - Hirobo electric](#)

[Paraplane Sport - Hirobo Paraplane Review](#)

[ParaVictor der RC Gleitschirm Flieger](#)

[RC Dropzone](#)

[RC Parachuting - RC Skydiving FAQ's](#)

[RC Parachuting - DIY - "Little Juan" & "Small Juan"](#)

[RC Parachutist - Comprehensive Plans & Manual .pdf \[email Alan as above for a copy if link fails\]](#)

[RC Paraplanes, Paragliders & Parasails newsgroup](#)

[RC Powered Parachute Planes - Airfoil Aviation](#)

[RC Skydive USA](#)

[RC Skydiving - RC Groups discussion forums - extra URL.](#)

[RC Sky Diving - RC Universe discussion forum - extra URL](#)

[Radio Control Parachuting Page](#)

[Sea Breeze RC Parachutes - EP & IC Paragliders etc](#)

[SkyFlex](#)

Park & Indoor Flyers (see also FAQ for Beginners, Electric Flight and Free Flight)

[Auckland Indoor flight \(NZ\)](#)

[Bob Selman Designs](#)

[Deproplanes](#)

[Fling by Philbar](#)

[FoamFly.com](#)

[Frankenfoam - Cheapest Foam Airplane.](#)

[Free Flight Tips](#)

[Hoppy's Hanger - tips & plans](#)

[Indoor Duration \(micro\)](#)

[Jetex](#)

[Stick Motor Mounts - DIY Convert Foam Model to Brushless](#)

[West Michigan Park Flyers](#)

Photography by RC, FPV, Spraying by RC and Wireless Video RC. (see also MAV & UAV etc above)

["Aerial Photography"](#)

[AirFoil HeliCam](#)

[Camera carrier](#)

[Camera Systems - Tetracam](#)

[FPV - Beginners Reference Mega Thread - RC Groups](#)

[FPV - First Person View RC Piloting \(Remote Video Piloting\) - FAQ](#)

[FPV for Easystar](#)

[Hi Cam - Aerial Photography and Video](#)

[Photo Plane DIY](#)

[RC-CAM:](#)

[Ready Made FPV](#)

[R/C Soaring - Digital Photography](#)

[R/C Spray Planes, Cropdusters, Aerial Applicators...](#)

[RotorKraft - Aerial Imaging Products](#)

[Schiepatti Switch \[& Opto isolator\)](#)

[Voice Copilot System - Tetracam](#)

[Wireless Video Cameras](#)

Pilots & Instrument (Dash) Panels

[Aces of Iron Productions, Inc. \(See "Painting Tips" also***\)](#)

[Axels Scale Pilots](#)

[Aces of Iron \(PerfectPilots\)](#)

[Premier Pilots](#)

[Scale Aircrew Supplies](#)

[Super Lite R/C Pilots, Wheel Pants and r/c pilot accessories](#)

[Vortex Vacforms](#)

[Williams Brothers - HO Scale Model Aircraft & Cars - R/C & Railroad Accessories](#)

Plans (see also Magazines and Publications)

Aircraft Plans

[Aeromaniacs - Free downloads \(88+\)](#)

[Aeropic : RC planes and PIC based electronics](#)

[Airborne Magazine Plans Home Page](#)

[Airplane & Model plans and drawings](#)

[Airplane model plans - Maryjo3.](#)

[Andrew Donatelli's RC Aircraft](#)

[Autogyros etc. Plans , Videos, and Books...-](#)

[Balsa USA \(Plans available separately\)](#)

[Balsa Dust_ Free Plans](#)

[Ben Buckle. Vintage & Old timer.](#)

[Brian Taylor Plans](#)

[Chuck Cunningham's SkyMaster Industries!](#)

[EP Airplane Plans - Sport, Trainer, Park, Fan, Heli](#)
[Fly Electric - EP Indoor, Slow-fly, Park models - Free plans](#)
[EPP EP Profile models - free plans](#)
[Flying Wing Plans - Hortenn, Northrop etc.](#)
[Giant Scale Plans: B-17, Sunderland, P61 Black Widow etc](#)
[Graham's Electric Airport - download free plans](#)
[Ivan's Plans - EP model aircraft and Flying Boats](#)
[Jetex - many original plans for jetex powered models](#)
[Jetex Plans - Jetex PAA-Loader 150 / Jetmaster \(Fixed Wing Aircraft\)](#)
[Model Aircraft Plans](#)
[Model Airplane News - Plans & Reviews.](#)
[Mr Aerodesign](#)
[Park Flyer Jets - free plans for EP](#)
[Paul and Ralph Bradley's Model Airplane Page](#)
[Petes Vintage Model Aircraft Plans](#)
[Pica \(Plans available separately\)](#)
[Planos R/C](#)
[Plans and Aviation links](#)
[RC Electric Flight Projects - free pictorials.](#)
[RC Models in Russia](#)
[RCM Plans Listing](#)
[RCM & E Model Aircraft Plans 3000+ - My Hobby Store](#)
[Scale R/C Model Airplane Plans and Kits.](#)
[SIG Mfg. Co., \(Plans available separately\)](#)
[Simple Plastic aircraft design - SPAD - corroflute.](#)
[Slope Soarer Plans - Free](#)
[StarCad Plans - Free](#)
[Tandem Wing, Joined Wing & Ringwing - RC Models](#)
[The Plan Page \(Old plans and magazine articles - Downloads\)](#)
[Traplet.com](#)
[Vintage & Old-Timer Plans PRE 1960 Plans only - Free](#)
[Wendell Hostetler Plans](#)
[Wing Scale R C Airplane Plans](#)
[X List Model Plans Argus Nexus MAP](#)

Boat, Ship & Yacht plans

[Free RC Model Boat Plans](#)

[Free Ship Plans](#)

[Keil Kraft EeZeBilt \(1950's\) range of starter model boats, including all plans.](#)

[Racing Sparrow Model Yachts - Free plans and DIY photo Instr. ***](#)

[Servicios de modelismo naval](#)

[Ship model kits and plans](#)

[Star 45 R/C Yacht - Free plans and DIY photo Instr. ***](#)

[Traplet - Marine Modelling](#)

[RC Yachts, Plans & Reviews - Vela RC - Veleiro Nautimodelos -](#)

FAQ, 3 Views & Drawings

[Acetone Transfer Method: transferring plan to wood.](#)

[Airplane 3 - views by Eduardo](#)

[Bob's Aircraft Documentation - Foto Packs and 3-Views](#)

[Eduardo's Three view drawings and aircraft markings.](#)

[Model Flying Machines - early aircraft](#)

[Plans , Videos, and Books...- Autogyros etc.](#)

[Plans 3-vues / 3-view drawings - massive database ***](#)

[Thomdas Delgatto's 3 view model page](#)

Fun Stuff Plans & Ideas

[Electro Flight - plans for Depron EP models](#)

[Convert styrofoam gliders to a Wally Wing](#)

[Correx Deltas - good plans & video.](#)

[Flettner Rotorplane - site down. Email Alan for .pdf of Manual inc plans.](#)

[Flying Saucer, Beer mat, Stop Sign, Superman, Vroom Hilda etc - Email Alan T. direct for jpegs.](#)

[Hand Launched Gliders \(free flight\) free plans and information](#)

[Hydro-Foam - the flying hydroplane. \(hovercraft, aircraft, boat or car?\). ***](#)

[Park jets - free plans](#)

[RC modelingplans.tk - Planes, Boats, Heli project.](#)

[Rocket-Shooting Weed Wacker](#)

[Pibros - Free plans for small 2 ch wing.](#)

[TurboPlane \(TurboPlan\) Austrian UFO / Flying Saucer: A True VTOL Aircraft](#)

[Wind and Wave Models - free flight & Glider kits_plans](#)

[Phlatprinter - Cut out own kits from plans.](#)

Plastic Kits, Resin Kits, Photoetch + Plastic repairs

[See also Mold, Cast & Vacuum Form items yourself FAQ inc pictorials in section above AFV](#)

[AMT - ERTL](#)

[Academy](#)

[Ace Hobby NZ](#)

[Aeromaster Decals](#)

[Aires Hobby Models](#)

[Airfix](#)

[Aoshima](#)

[Aviapress. - Soviet kitsets & mags.](#)

[Bandai : USA . \(folder Gundam above and Bandai under Japan below also refer\)](#)

[Dragon-Models](#)

[Eduard Model Accessories ltd.](#)

[Fujimi](#)

[Gremlins in the Garage!](#)

[Hasegawa](#)

[Hauler.CZ](#)

[Herpa](#)

["In The Box" Reviews of 1/72 & 1/48 kits etc.](#)

[IPMS - country lists](#)

[Italeri](#)

[Legend Productions](#)

[Lego](#)

[Lindberg Models](#)

[Lionroar metal etch parts.](#)

[Minicraft](#)

[Mr Hobby - Gunze Sangyo](#)

[Neomega Resin](#)

[Perth Military Modelling Society Links](#)

[Plastic Bonding](#)

[Plastex = Plastic Repair Kits](#)

[Protar](#)

[Revell-Monogram](#)

[Roden](#)

[Scale paper Models - By Airclassique](#)

[Scalecraft Models](#)

[SOL Model \(Resin & PVC kits\)](#)

[SPAD to the bone = Simple Plastic Design \(RC\)](#)

[Tamiya](#)

[Testors](#)

[Tristar - military figures](#)

[Trumpeter](#)

[Verlinden Productions](#)

[Wespe - resin its](#)

[Young Miniatures](#)

[Zvezda](#)

Propellers

[APC Props](#)

[Bolly Book \(The\) .pdf](#)

[Bolly Products Showroom](#)

[Choosing A Prop for best performance](#)

[Classic Props](#)

[Doppler Effect - RPM on Ground and in Air](#)

[Garvon Products Ltd](#)

[Master Airscrew](#)

[Motor Calc Program - find which motor, battery and prop is right for your EP airplane](#)

[Noise reduction - How to](#)

[Prop Balancing - Joe Wagner - March 9, 1998](#)

[Propellor - How to build - RC Groups](#)

[Props, Balancing, Engine_Prop Ratio](#)

[Propeller Calculator - freeware.](#)

[Prop Savers - DIY for EP Aircraft](#)

[SuperCool Racing Propellers](#)

[Tornado Propellers by Grish Products](#)

Pylon Racing

[European F3D Pylon Racing](#)

[Pylon Racing Australia](#)

[Pylon Racing UK](#)

[Pylon World](#)

[SAMPRA South African Miniature Pylon Racing Association](#)

RC Miscellaneous

[Eagle Tree - Flight data recording systems](#)

[Remote Sensing Research Inc.](#)

Radio Systems, Accessories, Alterations and FAQ

[RC Hall of Fame](#)

[A Computer Radio Primer, Featuring the Hitec Optic 6](#)

[Eclipse vs Optic 6, 6EXA, 7CAP, 9CAP, RD6000, JR652, JR3810 \(8103\)](#)

[AM, FM, PCM & Spread Spectrum radios - FAQ re differences](#)

[FCC Identification Number \[RF power output etc - refer to sub section "Frequencies".\]](#)

[Interbrand Compatibility - Futaba. NB: Hitec & JR post similar statements. ***](#)

[Model Match - Equivalent or Alternative in Futaba, Hitec & other than Spektrum/JRs](#)

[Negative and/or positive shift in Transmitters and Receivers - 101 re Differences](#)

[PC to RC Interface](#)

[PCM vs PPM Evolution and uses](#)

[PCM vs PPM. AM vs FM - everything about 72 MHz radios](#)

[PCM - how & why = SE Modeler](#)

[PWM Frequencies](#)

[Radio Control Electronics - DIY Build TX, RX, fault finding and repair \[Norcim\] ***](#)

[Radio Control Electronics and Systems - for the D.I.Y. enthusiasts](#)

[RC Systems - Rebranding - Rebadge of RC Systems & Accessories](#)

[Understanding your RC System - How it works *****](#)

[Understanding your RC System - Algorithm for Exponential curve in RC.](#)

[Understanding your RC System - "Latency" & "Resolution"](#)

[Understanding your RC System - "Latency" way to much hipe.. refer Deceptive Advertising.](#)

[Understanding your RC System - "Latency" Various TX Compared to Honey Bee Wing Flaps](#)

[Understanding your RC System - What is latency? - RCM Reviews ***](#)

["What Happens When I Wiggle The Sticks" - Tutorial on how RC Systems work ***](#)

[Warning - After service or repair or whenever updating any system](#)

RC System Manufacturers

[Manuals, Transmitter, Gyros, ESC etc- see under "Manuals" above](#)

[Counterfeit or Bogus Transmitters, Receivers, Servo etc](#)

[Country of origin - JR, Spektrum & other OEM RC Systems are made in](#)

[Berg Industries](#)

[ESky - Shenzhen TWF Hobby Trading Co., Ltd](#)

[EZC \[EZ-Contrl Technology\] = Corona RX etc.](#)

[Fleet Control Systems = Digifleet](#)

[FMA Direct](#)

[Hitec RCD = Head Office, Korea](#)

[Hitec RCD Kr & Hitec Philippines detailed Info & Video](#)

[Hitec RCD & Multiplex Modellsport GmbH & Co.KG - Ownership](#)

[Hitec RCD - USA Distributor](#)

[Hitec RCD / MPX USA - Catalogue 2012 .pdf](#)

[Hitec RCD - Facebook](#)

[Futaba Corporation](#)

[Graupner/JR/Acoms](#)

[GWS \(Grand Wing Servo-Tech Co., Ltd\)](#)

[Jeti Model s.r.o.](#)

[JR - Japan Remote Control Co. Ltd \(much now OEM in Malaysia.- 2ch = rebadged Acoms\)](#)

[JR - Japan Remote Control - USA](#)

[KO Propo](#)

[Micron Radio Control](#)

[MicroStar \(DIY systems\)](#)

[Multiplex \(= Separate company but owned by same owner of Hitec RCD.\)](#)

[Multiplex - Catalogue 2012 .pdf](#)

[Multiplex - USA](#)

[Nomadio - 2.4 GHz spread spectrum](#)

[Polk's Tracker](#)

[ProLine RC - History](#)

[Robbe-Futaba](#)

[RMG - Racing Yacht Sailwinch Servo](#)

[Sanwa \(known as "Airtronics" in USA - some OEM ex Singapore\)\)](#)

[Seepel Co Ltd](#)

[Scherrer - Long Range UHF System](#)

[Shenzhen Dynam Industry & Trade Co \(Dynam - RC\)](#)

[Shenzhen Spring Model Electronic Cc Ltd - SpringRC](#)

[Silvertone Electronics \(.au\)](#)

[Sky & Technology](#)

[Smartech Racing](#)

[Spektrum - 2.4 GHz spread spectrum](#)

[Tonegawa-Seiko Co., Ltd](#)

[Tracker II](#)

[UAV, RPV, RC Autopilots - Micropilot](#)

[Vintage & Old Timer Radio Control Systems - with schematics](#)

[Walkera](#)

[WFly Technology Development Ltd](#)

[Whirlwind winches](#)

[Zebra](#)

2.4 GHz RC Systems

[Aurora 9, \(Hitec\) Spectra Modules & Optima Transceivers - FAQ & Undocumented Features](#)

[2.4GHz - Transmitter Antenna Orientation.](#)

[2.4Ghz - The Chronicles - How to instal for best results & history of various system problems.](#)

[2.4Ghz - Is It All It Is Cracked Up To Be ? MAN reveiw \(& Problem Areas\)](#)

[2.4 Ghz - Cheap ARF packages and Older Systems Are Not Interference proof](#)

[2.4 Ghz - Difference' US & Europe + Spektrum DSM & JR DSM2 History](#)

[2.4 GHz - Discussion - Warning re Future Problems - RC Groups](#)

[2.4 Ghz - Install Antenna in Carbon Fiber & Kevlar fuselage - How to avoid interference.](#)

[2.4 GHz - Radio Control Systems - Safe and Effective use of .pdf](#)

[2.4 Ghz - Spektrum vs JR vs FHSS vs DSSS - Solutions & Future](#)

[2.4 GHz - Transmitter Manuals](#)

[2.4 GHz - Use with Model Boats & Yachts \(Marine\) and range over water.](#)

[2.4 GHz - Voltage & Batteries Required by Receiver or Transceiver - Prevent Errors](#)

[Acoms 2.4GHz - setup guide](#)

[Bluetooth - Interference with 2.4GHz rc units.](#)

[DSSS - Direct-Sequence Spread-Spectrum - easy explanation](#)

[Dual frequency - DIY convert TX to both original 72, 35, 36, 40 or 41 GHz & 2.4 GHz](#)

[ACT 2.4GHz Wlan System](#)

[Assan X8](#)

[Brownouts & Failsafe Failure- JR & Spektrum RX Problems - Low Voltage cause & cure.](#)

[E-Flite 2.4 Ghz = Spectrum Compatible](#)

[E-Sky 2.4 Ghz = 250m range.](#)

[Flysky 9x aka Imax 9x aka Turnigy 9x aka Eurgle - Warning - Blocked by Futaba FFAST](#)

[Flysky 9x aka Imax 9x aka Turnigy 9x aka Eurgle - Warning - Random GUID can interfere](#)

[Flysky 9x aka Imax 9x aka Turnigy 9x aka Eurgle - review.](#)

[Flysky 9x aka Imax 9x aka Turnigy 9x aka Eurgle - Mk II- review.](#)

[Flysky 9x aka Imax 9x aka Turnigy 9x aka Eurgle - Custom Firmware Facts _ DIY Thread!](#)

[FrSky - Telemetry module hack into 7CAP and other non module TX.](#)

[FrSky - Futaba FFAST compatible receiver](#)

[Futaba 6EX, 7C and TM-7 - 2.4 GHz FAAST - Recall - ID Link Failures](#)

[Futaba 6EXA & Tower 6XM - Caution 01 - Faulty Gimbals](#)

[Futaba 6EXA & Tower 6XM - Caution 02 - Faulty Gimbals](#)

[Futaba FAAST - Problem solving FAQ](#)

[Futaba FAAST - RF Failure - determine cause](#)

[Futaba - Firmware / Software Updates](#)

[Futaba - S-Bus Receivers & Servos ...video](#)

[Futaba - S-Bus Receivers & Servos ...Review](#)

[Hitec & Futaba - DIY Remote TX Mounting for 2.4GHz Antenna \(Dual Std & 2.4\)](#)

[Hitec - Adaptive Frequency Hopping Spread Spectrum Technology \(AFHSS\)](#)

[Hitec - Spread Spectrum 2.4 GHz Module & Receivers - Manuals](#)

[Hitec - Aurora 9, Spectra Modules & Optima Transceivers - FAQ & Undocumented Features - Mixes, Setups, Tips. ***](#)

[Hitec - Aurora 9 - Video Walkthrough of Set-Up procedure](#)

[Hitec - Aurora 9 - Telemetry - Video of display & units in action](#)

[Hitec - Eclipse 7, Optic 6 and Prism DIY Remote 2.4Ghz Antenna Mount](#)

[Hitec - Eclipse 7, Optic 6 and Prism work with Spectrum & Futaba modules.](#)

[Hitec - HPP-21 & HPP-22 Programmers - Download Station - How to Install & Use](#)

[Hitec - AFHSS Spectra 2.4Ghz Module & Optima Transceivers - Updates to Manuals](#)

[Hitec TX - Use with OEM 2.4 GHz modules](#)

[Iphones can control RC models on 2.4 GHz](#)

[Multiplex 2.4Ghz FHSS - M Link system](#)

[Multiplex Evo - Conversion to 2.4GHz with Hitec AFHSS system 01](#)

[Multiplex Evo - Conversion to 2.4 GHz with Hitec AFHSS system 02 - reveiw](#)

[Nomadio](#)

[Open 2.4 R/C Project - newsgroup for all info on 2.4GHz](#)

[Radiopost \(aka RCEnjoy\)](#)

[Signal Propagation in the 900 MHz to 5 GHz wireless bands - tutorial ***](#)

[Spektrum RC](#)

[Spektrum - Range of Receiver](#)

[Spektrum - Bind Plug lost/left at home....DIY new](#)

[SS test results in models with metallic aluminium skin](#)

[Traxxas - 2.4ghz FAQ](#)

[Traxxas - 2.4Ghz systems use Digital Servos only.](#)

[WiFi and Interference - Urban myth clarified.](#)

[WiFi and Spektrum](#)

[Wind Direction Indicator \(Streamer\) for 2.4GHz](#)

[Xtreme Power Systems](#)

[XPS - legal actions against XPS](#)

Antenna - Rubber Duckie, Micro & Whip Flywire - replace long aerials with loaded base antenna

[2.4Ghz - DIY PCB Internal Antenna - Replaces External Stub](#)

[Anatomy of a 2.4GHz Rubber Ducky Antenna](#)

[Antenna - shorten for RC Tanks, Boats & Cars - Easy DIY Modification -](#)

[Antenna Design Information & Software](#)

[Base loaded receiver aerials - DIY Whip Flywire](#)

[Base loaded receiver aerials - DIY Whip Flywire mini aerial for 35 Mhz](#)

[Bobbin - Hitec Antenna Bobbin FAQ, Purpose and Effect](#)

[Microantenna](#)

[RC Rubber Duck - Smiley Antenna RC Page](#)

[RC Rubber Duck - DIY Fit & Installation](#)

[Rubber Ducky v. Whip Antennas - Berg Industries***](#)

[Rubber Ducky TX Antenna - DIY short transmitter antenna](#)

[Pushrod as Receiver Antenna](#)

[Receiver Antenna - Does Length Really Matter?](#)

[Receiver Antenna - Original lengths for Hitec, Futaba, GWS, JR & Others](#)

[FlyWire for Helicopter - \[Loaded base antenna\] - Tony Van Roon](#)

Auto Pilots & Gyro

[Autopilot: - Build your own - FAQ](#)

[Futaba - Gyro hidden programs](#)

[Gyros Frequently Asked Questions \(FAQ\)](#)

[Gyro - Resolution - Frame Rate & Servo Compatibility Explained](#)

[Hitech HG-5000 Gyro Setup & Review with videos. ***](#)

[Hitech HG-5000 Gyro - Undocumented Self Calibration Procedure](#)

[Logitech 2100T & Hitec 5000 Gyro - Self Calibration \(Hard Re-Set\)](#)

[Micropilot - Miniature, Low-Cost, UAV, RPV, RC Autopilots etc](#)

[PA-2 Pilot Assist Link Auto Pilot System](#)

[UAV Flight Control Systems - Micropilot - D.I.Y.](#)

ESC & BEC - Setup to prevent majority of all RF Problems, Brownouts & Crashes

[Electric Flight - "Kill & ARM" On/Off Switch for EP models even if Throttle Lock available.](#)
[ESC \(Electronic Speed Control\) - Why BEC and LVC cause most EP RX problems.](#)
[ESC BEC - FAQ - Phoenix Answers](#)
[ESC BEC - How Many Servo can an ESC/BEC handle - typical](#)
[ESC BEC - Noise - Reduce with Capacitor at RX Terminal](#)
[ESC BEC - Overloaded stock BEC major cause of glitches. - Video included.](#)

Receiver - FAQ, Guides & Aids To Best Reception..

[AM, FM, PCM & Spread Spectrum radios - FAQ re differences](#)
[Buddy \(Trainer\) Box not working with Berg PPL, IPD and similar TX Signal Recognition Receivers.](#)
[Crystals - Hi & Low Band , JR Dot Identifiers & Center Tuned - FAQ](#)
[Comparison charts of RX with FAQ and photos *****](#)
[Guide to receivers - and solving apparent RX & "Interference" problems.***](#)
[Futaba - "Anylink" Compatibility Chart with Cable & Battery requirements.](#)
[Futaba - 72Mhz Hi & Lo Band Difference & Markings](#)
[Futaba - FASST Product Advisory - R6014FS Receiver Warning](#)
[Futaba - S-Bus Receivers & Servos ...Review](#)
[GWS - Convert Positive shift RX to Negative Shift and Negative shift to Positive.](#)
[Heathkit - Schematic Diagram Archive](#)
[HFS-04MG and other 4015 based RX - Addi extra channels](#)
[HFS- 535 - amend from 5 to 8 ch.](#)
[Hitec HAS-2MB R/C RX - Modify to 3ch etc - site down email Alan for details](#)
[Hitec - Electron 6 Info, Spec & Manual](#)
[Hitec - Optima 6 - DIY Flash updates via HPP-22](#)
[Hitec - Optima Transceiver \(RX\) - Adding PPM Output](#)
[Hitec - Optima Transceivers \(RX\) - FAQ & Undocumented Features](#)
[Hitec - Supreme Receivers - History, Manuals & FAQ - .pdf](#)
[Hitec - Supreme series Receivers 555 & RCD 200<>3600 7ch & 8ch Manual & FAQ](#)
[Hitec - Supreme series Receivers RCD3500 FAQ](#)
[Hitec - Synthesised Fusion 9 receiver manual](#)
[Hitec - Synthesised HSD-09RQ \(Freedom 9S\) Manuals, Pinouts and set-up](#)
[Hztec Co., Ltd. Global Position Finder \(GPS\) for RC](#)
[IPD \(Intelligent Pulse Decoding\) Receivers - FAQ .pdf file](#)
[Multiplex - IPD & Synthesised Receiver Manuals \(& Pictures\)](#)
[Receiver - 101 - How a Receiver Operates, Voltages & R/C Control Signals](#)
[Receiver - Coax Cable & U.FL Connector for 2.4GHz Antenna Extension - DIY](#)
[Receiver - Jitter - Is RX set for High Resolution Digital Servo or Analogue Servo where applicable](#)

[Receiver - Operating Range](#)

[Receiver & Servo - operating voltage ranges.](#)

[Receiver & Servo - Testing/Confirming Servo Signal with Digital Multimeter](#)

[Receiver - Antenna - 2.4Ghz install Carbon Fiber & Kevlar fuselage - avoid interference.](#)

[Receiver - Antenna - Does Length Really Matter?](#)

[Receiver - Antenna - Original lengths for Hitec, Futaba, GWS, JR & Others](#)

[Receiver - Channel Assignments, which to use as determined by different brands of TX](#)

[Receiver - Dual Receiver Set Up](#)

[Receiver - Dual Receiver Set Up - How To Avoid Errors.](#)

[Receiver - JR S-PCM & X-PCM, Futaba PCM 512 & 1024, Hitec PCM & QPCM](#)

[Receiver - Performance Considerations - FMA](#)

[Receiver - Polarity of Servo Ports & Plugs.](#)

[Receiver - Negative or Positive Shift?](#)

[Receiver Primer - MacGregor Industries JR - FAQ's](#)

[Receiver - DSP & IPD TSR \(Transmitter-Signal-Recognition\) Schemes](#)

[Receiver - Transmitter - compatibility](#)

[Receiver - Tuning DIY ex receiver kits etc.- Email Alan for .pdf](#)

[Single Conversion vs Dual Conversion - fact sheet.](#)

[Spektrum - Bind Plug lost/left at home....DIY Field Replacement](#)

[WiFi and Interference - Urban myth clarified.](#)

Receiver Operating Range, Range Test & Range Problem Solving

[Range of Transmitter and Receiver](#)

[Range - Increase Range of your FPV equipment](#)

[Range Test - Futaba answers.](#)

[Range Test - JR answers. \(If defaults to Horizon, check article ID 1079](#)

[Range Test - Comparative Range Test data on multiple systems](#)

[Range test - TX with Rubber Duck Antenna](#)

[Range Test - Check and Resolution of Range Failure](#)

[Receiver - Operating Range](#)

[Receiver - Operating Range - Full vs ParkFlyer vs Backyard.](#)

[Range Problem](#)

[Range Problem - Transmitter Antenna cleaning](#)

Glitches & Jitter in Receiver, Servo & ESC - Causes and Cures [see also servo & TX sections below]

[After Market Accessories - Caution re Opti-kill, Duralite, Powerbox, Switches, Leads etc.](#)

[2.4 Ghz - Cheap ARF packages and Older Systems Are Not Interference proof](#)

[Battery - How to foil wrap RX Bat for use with GP engines.](#)

[Bluetooth - Interference with 2.4GHz rc units.](#)

[Brownouts & Failsafe Failure- JR & Spektrum RX Problems - Low Voltage cause & cure.](#)

[Brownout Causes and Cure](#)

[Crystals - Swapping brands in RC Transmitters and Receivers.](#)

[Crystals - Why Transmitter & Receiver Crystals Fail Without Warning \(or after being dropped\)](#)

[Electromagnetic Interference Reduction](#)

[EPA, ATV, Dual Rates & Expo Differences & Caution + ESC BEC Set Up](#)

[Futaba - 6EA & 6EXH - Replace Dirty Stick Pots - DIY](#)

[Futaba - 12z & 14MZ jitters - new TX stick pots required.](#)

[Futaba FFAST - R6014FS receiver - servos do not work or sporadic.](#)

[Futaba FFAST - R6016HF receiver - HS65 & other non digital servos do not work or sporadic.](#)

[Futaba FASST lockout - causes and cures](#)

[Futaba - R127DF - an old Hi/Low Band RX prone to vibration and jitters](#)

[Futaba - R127DF..Channel cannot be changed by simply swapping crystal, must be retuned each time.](#)

[Futaba - RX.jitters. Futaba is not responsible for incompatibility other brand servo etc](#)

[Glitching & Jitters? - How to banish](#)

[Hypothetical interference with 2.4GHz](#)

[Hobby King \(aka Flysky etc\) TX and RX units - Blocked by Futaba FFAST](#)

[Interbrand Compatibility - Futaba. NB: Hitec & JR post similar statements. ***](#)

[Jitter - Analogue Servo Arm \(Horn\) swings when Rx switched powered on.](#)

[Jitter - Intermittant behaviour - Digital HXT & Bluebirds](#)

[Jitter - High Resolution Digital Servo - Why & DIY Cure #01](#)

[Jitter - High Resolution Digital Servo - Why & DIY Cure #02](#)

[Jitter - Is RX set for High Resolution Digital Servo or Analogue Servo where applicable](#)

[Jitter - Servo Wag & Jerky Servo Movements](#)

[Jittering servos - DIY cleaning TX & RX pots](#)

[Jittering servos - photo illustrated DIY cleaning servo pots .pdf ***](#)

[Jittering servos on 6V - different brand voltages on signal line](#)

[JR - DS8717 Servo problems? less rotation than others - decrease EPA](#)

[JR Servos - Warranty void most JR servos used above 4.8V - Do not use above 6.0v fixed.](#)

[Optical Kill Switches - Do Not Use RCEXL & Others with Common Ground \(Negative\) line](#)

[Optical Kill Switches - Prevent Problems with RCEXL & Other Ignition Switches](#)

[Radio Interference Primer](#)

[RC Flyers Guide to Electric](#)

[RC Flyers Guide to the Radio Control System](#)

[RC Installations for best reception.](#)

[RC Installation for Large Models](#)

[RF Noise in Audio, Video & R/C Systems - \(Ferrite Filter / RF Choke \)](#)

[RF Noise - Solving Servo Jitters \(inc cleaning TX & RX pots\)](#)

[RFI Prevention - Ensure "R" type plug and/or Cap is fitted to Petrol Engines.](#)

[RC RFI \[Interference\] Scanning FAQ](#)

[Servo - Analogue Servo Arm \(Horn\) swings when Rx switched powered on.](#)

[Servo - Boosted Servo "Y" and Extension Leads](#)

[Servo - Receiver in High Speed Mode with Analogue Servo - damage possible.](#)

[Servo - DIY Analysis of Servo Problems and Repair](#)

[Servo - DIY Analysis of Jitters and how to clean Servo & TX pots](#)

[Servo - Do not turn by hand](#)

[Servo - Extensions and Jitter](#)

[Servo - Hitec Instruction Manual with Rotation, Pulse, Resolution details etc. \(.pdf\)](#)

[Servo - How to Diagnose Servo Failures & Repair Servo](#)

[Transmitter On First - Off Last](#)

[Traxxas - 2.4Ghz systems use Digital Servos only.](#)

[Weather effects \(cold\) on RC systems](#)

Servo - Alterations, Calculators, Databases, Leads, Repairs, Convert to an ESC or winch & FAQ.

[101 - Servo FAQ & picking the right servo for the job](#)

[101 - Servo Repair - Finless Bob's Video ***](#)

[Electronic Speed Controller using an old servo](#)

[Fibre Optic - DIY replace RC system leads - Forgues Research](#)

[GoSlow - realistic flap and landing gear actuation - If site down, email Alan for a copy.](#)

[RMG Servos \(Yacht winches\)](#)

[Servo Chart - Hitec \(pdf\) Dec 2012](#)

[Servo - Basics and Driver - Ahmet Onat](#)

[Servo - Burnout. Cause & Prevention](#)

[Servo - 5 amp Fuse Leads to Protect Against Dead Short Melt-downs](#)

[Servo - Calculator - ensure servo is powerfull enough for the job](#)

[Servo - Convert into Monster Servos & DIY RC Lawn Mowers](#)

[Servo - Database - Anders \(650+\)](#)

[Servo - Database \(2168+ comparisons & Reviews\)](#)

[Servo - Database + Download Winzip Program "Choisir ces servos" ***](#)

[Servo - Database Comparison Chart by Fatlion.com](#)

[Servo - Database Wiki rc-network ***](#)

[Servo - FAQ : Backlash - Gear Mesh & Deadband Slop, Correct Metal Gear Servo](#)

[Servo - FAQ : Center & End Point Adjustment](#)

[Servo - FAQ : Compatibility between age and brands](#)

[Servo - FAQ : Dual Elevator set up.](#)

[Servo - FAQ : Effect of Increased & Decreased EPA & Throws](#)

[Servo - FAQ : Extentions and Jitters - JR.](#)

[Servo - FAQ : Hitec answers.***](#)

[Servo - FAQ : Digital Programmer](#)

[Servo - FAQ : Digital FET - Futaba answers***](#)

[Servo - FAQ : Digital - Hitec answers***](#)

[Servo - FAQ : Digital - Squealing Servos.](#)

[Servo - FAQ - D Link Connectors = one plug for multiple servos in removable wings](#)

[Servo - FAQ : Gear Train Material - Karbonite vs Nylon vs Metal \(MG\)](#)

[Servo - FAQ : Hi Voltage Servos Slow at center](#)

[Servo - FAQ : Installation - pictorial](#)

[Servo - FAQ : Is your Servo going Bad??](#)

[Servo - FAQ : Kraft Servo Connectors & 4 Wire Servo Operation](#)

[Servo - FAQ : Linear Output conversion](#)

[Servo - FAQ : Metal Gear Servos - DIY Repair & Extend MG Servo Gear Life](#)

[Servo - FAQ : Metal Gear Servos - Why MG Servo have a Plastic Primary 1st Gear](#)

[Servo - FAQ : Resolution - 1 Degree Wheel & Arm for testing.](#)

[Servo - FAQ : Resolution Latency Gear Ratio - how it effects TX latency](#)

[Servo - FAQ : Servo Torque \(How is it measured\) and Conversion Kg.cm <> oz in](#)

[Servo - FAQ : Testing Servo Signals DIY with Digital Multimeter](#)

[Servo - FAQ : Throw, 100% Tx setting is best, 125% is mechanically poor](#)

[Servo - FAQ : Torque Measurement](#)

[Servo - FAQ : Torque Tester - DIY](#)

[Servo - FAQ : Which servo to buy - Peak Servo Current Test Results.](#)

[Servo - Futaba Faast mini \(molex\) connector supplies](#)

[Servo - Futaba G <> J Servo Plug Pinouts, Adaptors & Pulse Width difference](#)

[Servo - Futaba S-Bus Servo - Review](#)

[S148 & S3001 vs. S3003 & S3004 - Do not use S3003/4 in Heli or Petrol Powered Models](#)

[Servo - Hitec Aluminium \(Metal\) Servo Horn Chart](#)

[Servo - Hitec HS-65MG How To Rebuild, Replace Bearing - Pictorial & Video](#)

[Servo - Hitec MG Servo Output Shaft Size - Cross Hair Mark New](#)

[Servo - Hitec Servo Nomenclature](#)

[Servo - Horn Arm Spline Count and Inter Brand Compatibility](#)

[Servo - Horn Arm Extension - DIY Alloy, FRP, CF & Nylon](#)

[Servo - Horn Centering & Spline Count.](#)

[Servo - Horn Screw - Hitec & Futaba Metal & Resin gear screw sizes](#)

[Servo - How they work, adjust & repair tutorial *](#)

[Servo - How to Diagnose Servo Failures & Repair Servo *](#)

[Servo - JR - Warranty void most JR servos used above 4.8V](#)

[Servo - Pulse, PPM and PCM coding. \(animated illustrations\)](#)

[Servo - DIY Analysis of Jitters and how to clean Servo & TX pots](#)

[Servo - DIY Analysis of Servo Problems and Repair](#)

[Servo - DIY Repair & Stop Jitters. Pictorial pot cleaning and adjust #1](#)

[Servo - DIY Repair & Stop Jitters. Pictorial pot cleaning and adjust #2](#)

[Servo - DIY Repair - Lubrication \(servo grease\)](#)

[Servo - How to solve Servo Jitters \(inc cleaning TX & RX pots\)](#)

[Servo - Installation - Correct Mounting & Tips for longer life.](#)

[Servo - Installation - Numerous methods to fit servos into fuse & wings..](#)

[Servo - Lead Wire Gauge \(all\) & Servo Plugs including Micro JST & PicoBlade](#)

[Servo - Lead Wire DIY Crimp Connectors, Wire Gauge & Current Flow Charts pdf ***](#)

[Servo - Modify to power your model boat \(TS-53 aka S148 shown\)](#)

[Servo - Offset = OST & ACC = Acceleration \(for asymmetrical servo travel\)](#)

[Servo - Operating Voltage Range - Burnout..](#)

[Servo - Operating Voltage Range - \(Futaba\) usage with NiMH, Lipol, LiFe & A123 batteries. #01](#)

[Servo - Operating Voltage Range - \(Futaba\) usage with NiMH, Lipol & A123 batteries. #02](#)

[Servo - Operating Voltage Range - \(Hitec\) usage with NiMH, Lipol & A123 batteries.](#)

[Servo - Operating Voltage Range - Hitec Pre-HV Servos useable with unregulated 2S Lipo](#)

[Servo - Operating Voltage Range - \(JR/Spektrum\) - max 6.0v fixed.](#)

[Servo - Operating Voltage Range - \(Sanwa/Airtronics\) with NiMH, Lipol, LiFe & A123 batteries.](#)

[Servo - Resolution - what is it? 512,1025, 2048 Analogue & Digital](#)

[Servo - Resolution - Frame Rate & Gyro Compatibility Explained](#)

[Servo - System Application Tips - Control Engineering](#)

[Servo - Troubleshooting problems : Hitec answers.***](#)

[Servo - Water Proof #1](#)

[Servo - Water Proof #2](#)

[Servo - Waterproofing inc ESC, Receivers](#)

[Servo - Wiring Diagrams = use with other brand RX.](#)

[Tower Hobbico Servos - Identify manufacturer - Futaba or Hitec](#)

[V-Tail & Elevon Mixer - setting up a standard mixer \(e.g. GWS VR-Tail II\)](#)

Servo - Digital & Brushless Servo, Programmers and Software

[Brushless Servo - refer post #10 & #19 for major information](#)

[Digital Servo - Digital \(aka FET\) Servo & difference with Analogue Servo \(PDF\).](#)

[Digital Servo - Digital vs Analogue Hz, Deadband & Torque effects explained - Servomances.](#)

[Digital Servo Instruction Videos - Programming with HFP-10](#)

[Digital Servo Programming FAQ - Center & End Point - Adjust to Match TX](#)

[Digital Servo Programming FAQ - Center Point May Vary - Why & Correction](#)

[Digital Servo Programming FAQ - Programmer is Preferable to using EPA & Trims on TX](#)

[Digital Servo - Burnout. Cause & Prevention](#)

[Digital Servo - Delayed or Slow Centering at Start up #01](#)

[Digital Servo - High Resolution & Jitter - Why & DIY Cure #02](#)

[Digital Servo - HSR \(Robotic\) Servo. Do Not Use for Acro or Standard Purposes.](#)

[Digital Servo - Stop the Jitter of High Resolution Servo at center](#)

[Digital Servo - "Y" together without problem / jitter](#)

[Futaba - Programmable Digital Servo list & software](#)

[GWS - Digital Servo - Resolution & Driving Frequency](#)

[GWS - Digital Servo Programmer Info & Manual](#)

[Hitec - Digital Servo - Resolution & Driving Frequency - Frame Rates,.](#)

[Hitec - Digital Servo - Matching Elevator Halves](#)

[Hitec - Digital Servo Programming Fixture - review](#)

[Hitec - Digital Servo Programming Instruction 7XXX 50XX Manual.pdf](#)

[Hitec - HFP-20 - Servo Tester Programmer inc Transmitter Pulse Width Tester.](#)

[Hitec - HFP-20, HPP-21, HPP-21+, HMI = Servo Tester Programmers for Hitec G2, digital and other servos.](#)

[Hitec - HFP-25 - Servo Tester Programmer inc Transmitter Pulse Width Tester.](#)

[Hitec - HMI Digital Programmer for HSR "Robotic" Servos- Manual PDF](#)

[Hitec - HPP-21 & HPP-22 Programmers - Download Station - How to Install & Use](#)

[Hyperion - Digital servo User Guide and Software download.](#)

[Spektrum - Digital Servo Programmer](#)

Servo - Modify for Retracts, Swing, Number of Turns, Ganging, Reverse & Continuous Rotation

[Modify to 180 & 360 degree operation.. Gang and Fit servos to yachts & boats - email Alan for .pdf](#)

[Sailwinch servo - adjusting the number of rotations for Hitec HS785HB - email Alan for full .pdf](#)

[Sailwinch servo - adjust number of turns from your TX ***](#)

[Servo - How to modify \(S148\) for 360 degree rotation - winch](#)

[Servo - Drive Sprockets and Chains in lieu of horns.](#)

[Servo - DIY Fit Flat Aluminium Horns](#)

[Servo - DIY Linear Action](#)

[Servo - DIY Reverse Rotation](#)

[Servo - DIY Reverser, Driver, Direct Controller and other mods.](#)

[Servo - Reverse operation . DIY pictorial](#)

[Servo - Reverser for Y-cord operation - If site down, email Alan for copy.](#)

[Servo - Modify HS-322HD for continuous rotation](#)

[Servo - Modify HS-311 for continuous rotation](#)

[Servo - Modify for 360 degree rotation.](#)

[Servo - Modify Digital for infinite rotation, 360 degree rotation](#)

[Servo - Modify HS-81 & HS-85 for 180 degree rotation](#)

[Servo - Modify HS-55 & HS-85MG for Continuous rotation](#)

[Servo - Retract Conversion \(S-148\)](#)

Transmitter - FAQ - Additions, Adjustments, Mode Change, Clonepacs & Repairs.

[>>](#)

[Service Menu - CAUTION: Unauthorised Entry and/or TX alterations Invalidate Warranty & Rights/ Remedies under Consumer Guarantees Act at least in NZ, irrespective of brand & may cause soft/ firmware conflicts or "brick" your TX..](#)

[<<](#)

[<Use clean slate on computerised TX - Reset/Renew model memory first - clears residual mixs - ensure battery fully charged>](#)

[Add Missing Channels to Transmitters - \(DIY 4ch TX upto 7ch TX\)](#)

[Add pot to TX for EPA or adjust turns on Sail Winch - email Alan if site down.](#)

[Art-Tech E-Sky 6ch TX ETC62_2.4](#)

[Batteries_Lithium Polymer - Do Not Use 3S Lipo in Transmitters](#)

[Batteries_Lithium Polymer - Do Not Use 3S Lipo in Futaba Transmitters](#)

[Batteries_Lithium Polymer - Do Not Use 3S Lipo in JR Transmitters 01 - JR Service Dept.](#)

[Batteries_Lithium Polymer - Do Not Use 3S Lipo in JR Transmitters 02](#)

[Batteries_Lithium Polymer - Use of LiFE & Lipo in Sanwa aka Airtronics Transmitters & RX](#)

[Batteries_Lithium Polymer - Why & How to add Diodes to Reduce Lipo Voltage for use in TX](#)

[Bezel Wrench for Transmitter Switches - DIY](#)

[Bling for Transmitters - Coloured Bezel \(Nut\), Sticks, Caps & Switch Caps.](#)

[Diodes - How to jump to delta/charge/Cycle TX.](#)

[Diodes - Never jump TX Charging Circuit Diode: Why it is there](#)

[Dual Frequency - DIY convert TX to both original 72, 35, 36, 40 or 41 GHz & 2.4 GHz](#)

[Dual Rates and Exponential \(Hi - Low Rates\) Explained and Compared \(by AEAJR\)](#)

[Dual Rates and Exponential Theory \(Hi Low Rates\) - VIDEO x 2](#)

[E-flite - HP6DSM 2.4GHz DSM2 - Dip Switch Settings](#)

[E-Sky - Transmitter Manual, FAQ & Tips inc CP Belt Heli set up.](#)

[E-Sky - DIY Fix Gimbals and Dirty Stick Pots](#)

[Flysky 9x aka Imax 9x, Turnigy 9x, Eurgle 9 - Alternate Firmware - includes Gruvin9x](#)

[Flysky 9x etc - Add-on Board with built-in Programmer and EL Backlight](#)

[Flysky 9x aka Imax 9x, Turnigy 9x, Eurgle 9 - Warning - Blocked by Futaba FFAST](#)

[Flysky 9x aka Imax 9x, Turnigy 9x, Eurgle 9 - Warning for FrSky users flying in a group.](#)

[Flysky 9x aka Imax 9x, Turnigy 9x, Eurgle 9 - Reversed Polarity - DIY Repair](#)

[Flysky 9x aka Imax 9x, Turnigy 9x, Eurgle 9 - Custom Firmware Facts & How-to Thread](#)

[Flysky 9x aka Imax 9x, Turnigy 9x, Eurgle 9 - USB programmer for T9x - DIY](#)

[FrSky - Two PPM modes: HS \(9ms\) & FS \(18ms\) - Use correct mode to prevent servo burnout](#)

[Futaba - 101 & 102 Video on Programming Futaba Transmitters - Steve Kaluf](#)

[Futaba Campac - FAQ & transfer of models between Futaba TX.](#)

[Futaba - Clonepac.](#)

[Futaba - DIY Clonepac Campac \(aprox. \\$10\).](#)

[Futaba - Service and/or Parts No Longer Available](#)

[Futaba - Service Menu - Do Not Enter - Warning from A.M.Cross](#)

[Futaba - Service Menu DIY adjust 8U, 9C, 9Z](#)

[Futaba - Service Menu DIY adjust T-8FG](#)

[Futaba - Service Menu 9VAP](#)

[Futaba - Service Menu & Mode Change 9VAP](#)

[Futaba - Service Menu DIY Tweak 9Z & adjust dirty pots](#)

[Futaba - Signal Inverter. Change from Negative Shift to Positive Shift](#)

[Futaba - Switch part numbers](#)

[Futaba - Skysport 3ch. Amend motor on/off to rotary pot - email Alan for .jpg](#)

[Futaba - Skysport 4 open 5th Ch. & Interface for PC - email Alan for details](#)

[Futaba - Skysport 6 - DIY pictorial convert to 2.4 Ghz](#)

[Futaba - T4EXA - open 5th Channel - DIY](#)

[Futaba - 12FG, 12Z, 14MZ, FX40 Change Module Area Code & Programming](#)

[Futaba - 14MZ - Area Codes - DIY area code change](#)

[Futaba - 6EX etc - Add Pot or 3 Position Switches](#)

[Futaba - 6EXA & Tower 6XM - Adding & Swapping Switches - pictorial](#)

[Futaba - 6EXA & Tower 6XM - Caution 01 - Faulty Gimbals](#)

[Futaba - 6EXA & Tower 6XM - Caution 02 - Faulty Gimbals](#)

[Futaba - 6EXA & Tower 6XM - Caution 03 - Faulty Pots](#)

[Futaba - 6EXA & Tower 6XM - Caution 04 - Faulty Pots & DIY repair](#)

[Futaba - 7C \(FASST\) 4-servo wing, V-Tail, Crow Complete set up Guide](#)

[Futaba - 8FG - Alternate SD \(memory\) card = Sandisk 2GB SD card \(not SDHC\)](#)
[Futaba - 8FG "Back Up error" - not cost effective to repair - Futaba replaces TX.](#)
[Futaba - 8FG - DIY Support for Switch & Gimbal Fly Leads.](#)
[Futaba - 8FG - Total loss of Programming \(see post 1235 also\)](#)
[Futaba - 8U FF8 series - Warning Alarm Error when TX Switched on = Futaba Fault.](#)
[Futaba - 8U FF8 series - Gimbal Wire breakage](#)
[Futaba - 9C etc Cyclic \(swash\) ring for Mode 2](#)
[Futaba - 9C etc - Reversed Battery Polarity - DIY Repair](#)
[Futaba - 9C - Trainer Board Short Circuit - DIY Repair](#)
[Futaba - 9C - Spreadsheet for recording transmitter programming](#)
[Futaba - 9V series Service Menu & Mode Change](#)
[Futaba - 9Z Unofficial Workshop Manual \(Service, Repair & More](#)
[Futaba - 9Z WC2 - Disassembling, Upgrading and Servicing \(pictorial\)](#)
[Futaba - 12MZ channel expansion to 26 ch & 14MZ channel expansion to 28 channels.](#)
[Futaba - 14 MZ & 18MZ - Open Cases and Spring Tension adjust.](#)
[Futaba Skysport - Schematic and DIY Frequency Change](#)
[Futaba - Tactic "Anylink" 2.4Ghz Radio Adaptor](#)
[GWS Transmitter - Review & add Buddy or Simulator connection](#)
[Graupner - MC19 2.4 conversion, use as guide to convert most most JR style modules..](#)
[Heathkit - Schematic Diagram Archive](#)
[Hitec & Futaba - DIY Remote TX Mounting for 2.4GHz Antenna \(Dual Std & 2.4\)](#)
[Hitec - Aggressor SRX & Lynx 3D - 27MHz compatible modules](#)
[Hitec - Futaba Tactic Anylink Module Compatibility, Cables & Setup](#)
[Hitec Aurora - Battery Alarm Voltages, Capability and Setting](#)
[Hitec Aurora - Convert to 72 mhz With Old Style Module - NB: Post #5 - Reduced Range](#)
[Hitec Aurora - Dragon Link - DIY Installation](#)
[Hitec Aurora - Hack with Assan 2.4ghz systems - pictorial](#)
[Hitec Aurora - Hack with FrSky 2.4ghz systems - pictorial](#)
[Hitec Aurora - "How To Set Up" Video series by Finless Bob](#)
[Hitec Aurora - Latency - What Latency Problem other than Marketing Hype?](#)
[Hitec Aurora - Set Up TriCopter & MultiCopters](#)
[Hitec Aurora - Reversed TX Battery Polarity Damage Fix 01](#)
[Hitec Aurora - Reversed TX Battery Polarity Damage Fix 02](#)
[Hitec Aurora - Spectra Modules & Optima Transceivers & Minima Receivers - FAQ & Updates](#)
[Hitec Aurora - Stick Tension Adjust & Tip Extensions](#)
[Hitec Aurora - Version Updates and Support](#)
[Hitec Eclipse - Pro Car - 3ch 20 memory, Detail & Manual](#)
[Hitec Eclipse 7 - Manuals, Addenda, Quick Setup, CCPM & All Programming FAQ](#)

[Hitec Eclipse 7 - Convert to Hitec AFHSS 2.4Ghz](#)
[Hitec Eclipse 7 - Convert to Assan 2.4Ghz](#)
[Hitec Eclipse 7 - Double Model memory.](#)
[Hitec Eclipse 7 - FPV Set up Dragon Link etc](#)
[Hitec Eclipse 7 - Heli 90 Degree CCPM Set Up](#)
[Hitec Eclipse 7 - Heli Set Up Chart](#)
[Hitec Eclipse 7 - Set up Servo and Programme for Ultra Stick](#)
[Hitec Eclipse 7 - Program Flapperon Mix on 5ch RX \(Micro 555\)](#)
[Hitec Eclipse 7 - Reversed Polarity - Prevention & Cure](#)
[Hitec Eclipse 7 - \(& Prism 7\) Dual Elevator Servo - Ailevator setup \(see pdf\)](#)
[Hitec Eclipse 7 - Set up DLG - Glider Launch and Reflex Presets with Camber Settings](#)
[Hitec Eclipse 7 - Set up full house glider / Ultra Stick controls - 4 & 6 servo wings](#)
[Hitec Eclipse 7 - Set up Heading Hold Gyro - amendment to manual](#)
[Hitec Flash 4 X - convert to Flash 5 X](#)
[Hitec Flash 4&5 - Fast-charging Mod](#)
[Hitec Flash 4 - DIY add Trainer buddy box facility.](#)
[Hitec Flash 4 & 5 - Voltage Calibration](#)
[Hitec Flash 4 & 5 - DIY Double Memory](#)
[Hitec Flash 4 - DIY modify add 5th channel \(Retract Switch \)](#)
[Hitec Focus III - DIY add/install elevon trim adjustor](#)
[Hitec Focus III - DIY add/install elevon trim pot.](#)
[Hitec Focus III - DIY add/install Trainer lead](#)
[Hitec Focus 4 - DIY add extra channels 5,6 & 7](#)
[Hitec Laser 4 & 6 - Increase / Decrease Tension on Trim Adjustors](#)
[Hitec Optic 6 & Optic Sport - Manuals, Tutorial, Addendum & Comparison Charts ***](#)
[Hitec Optic 6 - DIY Convert to 8ch compatible with Eclipse 7](#)
[Hitec Optic 6 - DIY LCD Backlighting Mod](#)
[Hitec Optic 6 - DIY modify add 7th channel](#)
[Hitec Optic 6 - DIY modify increase memory from 8 to 16 models](#)
[Hitec Optic 6 - DIY Pictorial Instal Rubber Duck Antenna](#)
[Hitec Optic 6 - DIY Single Mount For Multiple Antennas](#)
[Hitec Optic 6 - LCD Backlight Screen - DIY Mod \(pictorial\)](#)
[Hitec Optic 6 - FPV set up Dragonlink etc.](#)
[Hitec Optic 6 - Program Aileron - Elevator Mix for Canards.](#)
[Hitec Optic 6 - Programming DLG & Full House Sailplanes](#)
[Hitec Optic 6 - Program Flapperon Mix on 5ch RX \(Micro 555\)](#)
[Hitec Optic 6 - Left hand Slider & Right Hand Slider Functions](#)
[Hitec Optic 6 - Gyro switch set up](#)

[Hitec Optic 6 - Reversed Polarity & Blue LED problem](#)

[Hitec Optic 6 - Timer Addendum](#)

[Hitec Optic 6 - Tutorial \(learn mixing & other functions irrespective of brand\) ***](#)

[Hitec Optic Sport - Battery - NiMH & Lipo, do not use LiFE.](#)

[Hitec Optic Sport - Reversed Polarity and constant Beeping](#)

[Hitec Optic Sport - Setup Dual Elevators & Dual Ailerons.](#)

[Hitec Optic Sport - Firmware Upgrades now available online.](#)

[Hitec Ranger 3 - Extend to 7 Channel.](#)

[Hitec Prism 7 mod - DIY fit Trainer socket](#)

[Hitec Prism 7 mod - DIY fit Spectra 2.4GHz module to early version.](#)

[Hitec - Signal Inverter. Change old fixed PPM TX from Negative Shift to Positive Shift](#)

[Hitec RCD - Switch Part Numbers](#)

[JR - Century 7 & Apex 7 - Failsafe Settings & Manual](#)

[JR - Change Positive Transmitter Shift on 72mhz units to Negative shift](#)

[JR - DIY DSC cable and use.](#)

[JR - DIY Replace back up Lithium Memory Battery #1 \(X-347 etc\)](#)

[JR - DIY Replace back up Lithium Memory Battery #2](#)

[JR - DIY Replace back up Lithium Memory Battery #3 \(Pictorial\)](#)

[JR - Quattro modify from 4ch to 6 Ch \(add 2 extra channels\)](#)

[JR - Bulletin - DSMX transmitters operating in DSM2 mode - TX Recall](#)

[JR - Transmitter FAQ and Programming all current models for Aero & Heli](#)

[JR - Service Menu - XP6102](#)

[JR - Service Menu - XP7202](#)

[JR - Service Menu - XP 7202 & DX7](#)

[JR - Service Menu - XP 8103 \(aka 3810\) & 6102](#)

[JR - X347 - Activate hidden CCPM program_ 01](#)

[JR - X347 - Activate hidden CCPM program_ 02](#)

[JR - X347, X388, X783 series - Change Shift from Positive to Negative Shift](#)

[JR - X347, X388, X783 series - Activate Programs hidden in those bought in USA](#)

[JR - X388S, X347 et all. - Change Internal Battery, Reset, Service modes etc.](#)

[JR - X9303 - Adjust Contrast of Screen Display to Improve Readability](#)

[JR - X9303 & X9503 - Acro Set up](#)

[JR - X9503 and other Roller Button - DIY Repair \(pictorial \)](#)

[JR - 9303 & JR 12X - DIY Roller Button Repair \(pictorial PDF\)](#)

[JR - JR9 X2 - Cyclic Ring for Mode 2.](#)

[JR - USB Data Transfer Cable \(12X\) DIY replacement](#)

[Multiplex - Compatibility with other brands](#)

[Multiplex Evo - Conversion to 2.4GHz with Hitec AFHSS system](#)

[Multiplex Evo 9 - DataManager Evo 1v91 and Evo software 1v40.](#)

[Multiplex Evo 9 & 12 - English Manual, Tutorial, USB Data Cable etc.](#)

[Pocket PC PDA Programmable Radio - DIY](#)

[Robbe Futaba F-14 - DIY Convert to dual 2.4GHz - PPM \(Hitec AFHSS\) operation](#)

[Sanwa/Airtronics - Radiant Memory Battery DIY Replacement](#)

[Sanwa/Airtronics - Stylus Service Menu, Tips & Tricks.](#)

[Sanwa/Airtronics - VG6000 Service Menu](#)

[Sanwa/Airtronics - Stylus Memory Battery DIY Replacement](#)

[Spektrum - Bulletin - DSMX transmitters operating in DSM2 mode - TX Recall](#)

[Spektrum - Bulletin - Use the right batteries in your Spektrum transmitter](#)

[Spektrum - Charge Lead - DIY Replacement Adapters.](#)

[Spektrum - Service Menu - DX7 inc Mode change etc.](#)

[Spektrum - Service Menu - DX6i \(inc calibration & mode change\)](#)

[Spektrum - DX6i - Broken Trim Buttons/levers - DIY Fix post 15](#)

[Spektrum - DX6i - Dual Aileron Servo Setup & Adjustment posts 15 & 16](#)

[Spektrum - DX6i - Roller Button - DIY Repair \(pictorial PDF\)](#)

[Spektrum - DX6i - DIY Repair Bad Pot](#)

[Spektrum - DX7 - "backup error" & "stuck memory" error & Dsmx Upgrade issues](#)

[Spektrum - DX7 - DIY Modifications](#)

[Spektrum - DX7 - How to access Service Menu](#)

[Spektrum - DX7 - Programming FAQ - Kill Switch, Four Servo Wing, Ch assignments etc](#)

[Spektrum - DX7 - Spoiler & Flapperon set up.](#)

[Spektrum - DX7 - Dual Aileron Set Up for AR500.](#)

[Spektrum - DX8 - Vibration Alarm \(multiple reports\) & & other Alerts](#)

[Topfire - aka "Starmax" DIY add switch for LG, flaps, etc](#)

[Transmitter - Add Throttle kill Switch to Transmitter - DIY Safety for EP](#)

[Transmitter - Antenna cleaning](#)

[Transmitter - Antenna - Never leave Retracted \(collapsed\) when TX is left ON](#)

[Transmitter - Antenna - Never leave Retracted \(collapsed\) when TX is left ON - Futaba](#)

[Transmitter - Balance when using a Neck Strap or Tray](#)

[Transmitter - Bling - \(Coloured Sticks, Caps, Bezel, Switch Covers\) for your Aurora transmitter and others.](#)

[Transmitter - Care & Maintenance](#)

[Transmitter - Custom LCD Backlight Kits - DIY install.](#)

[Transmitter - Cyclic & Swash Ring differences & DIY.](#)

[Transmitter - Gimbal DIY Change to Preset Switch](#)

[Transmitter - Gimbal Wire breakage as units age.](#)

[Transmitter - On First - Off Last ***](#)

[Transmitter - Operating Modes](#)

[Transmitter - Negative or positive shift?](#)

[Transmitter - Programming Problem? Parameters Must Be Set In Correct Order.](#)

[Transmitter - Pulse Width](#)

[Transmitter - Rotary Pot Change to Switch - DIY](#)

[Transmitter - Screen LCD Black Out, Dark or Jittery - reason & cure.](#)

[Transmitter - Screen Protector Ready to fit for Hitec, Futaba , & JR etc TX Screens.](#)

[Transmitter - Single Stick Conversion kit - DIY install.](#)

[Transmitter - Stick Knobs & Extension Tip Thread sizes](#)

[Transmitter - Stick Pot DIY Clean & Lubricate - Video](#)

[Transmitter - Sub Trim vs Trim - when to use and why.](#)

[Transmitter - Voltage Display - How To Read & Interpret Remaining Battery Time](#)

[Transmitter - Wet, dunked or Water in LCD Screen](#)

[Turnigy TGY-9X refer to: Flysky 9 aka Imax 9, Turnigy 9X, Eurgle 9 listings above](#)

[Walkera WK-0701 transmitter - extend extra functions & memory.](#)

[Zebra 4FM - Add Elevon Mixing, V-Tail Mixing and ATV's](#)

Transmitter - Change Mode 1 <> 2

[Transmitter modes 1, 2 3 & 4 - differences \(pictorial\)](#)

[TX Mode change - Eflite MLP4DSM & LP5DSM Transmitter. - e.g. Blade MSR](#)

[TX Mode change - Eflite HP6DSM Transmitter.](#)

[TX Mode change - Esky \(early 4ch\) pictorial \(email for copy if site down\)](#)

[TX Mode change - E-sky early 0404/6 - scroll to bottom of page.](#)

[TX Mode change - E-sky - 0404 & 0406A TX plus Reverse & Dip Switches***](#)

[TX Mode change - E-sky " Reverse & Dip Switches" update.](#)

[TX Mode change - Futaba SkySports 6 T6YG](#)

[TX Mode change - Futaba 7, 8 & 9 +](#)

[TX Mode change - Futaba 9VAP & Service Menu](#)

[TX Mode change - Futaba 12Z](#)

[TX Mode change - Futaba 14MZ](#)

[TX Mode change - Hitec Aurora 9 - change Mode 1 <> 6](#)

[TX Mode change - Hitec Eclipse 7 - change Mode 1 <> 2 _01](#)

[TX Mode change - Hitec Eclipse 7 - change Mode 1 <> 2 _02](#)

[TX Mode change - Hitec Eclipse 7 Pro - change Mode 1 <> 2 <> 3 & 4](#)

[TX Mode change - Hitec Laser series & Futaba 6VA and similar](#)

[TX Mode change - Hitec Optic 6 & Flash 5X \(DIY pictorial \)](#)

[TX Mode change - Hitec Prism 7 & 7X](#)

[TX Mode change - HobbyKing HK-T4A \(DIY pictorial \)](#)

[TX Mode change - JR 7202](#)

[TX Mode change - JR 8103 = all digital trim \(aka X-3810 which has analogue throttle trim\)](#)

[Tx Mode change - JR 9303](#)

[TX Mode change - JR 9X](#)

[TX Mode change - JR PCM 10 \(2610\)](#)

[TX Mode change - Sanwa \(aka Airtronics\) RD6000/RD8000](#)

[TX Mode change - Sanwa \(aka Airtronics\) RDS8000 2.4 Ghz](#)

[TX Mode change - Sanwa \(aka Airtronics\) VG6000](#)

[TX Mode change - Skyartec SKY501 SKY701 SKY702](#)

[TX Mode change - Spektrum DX6i 1<>2](#)

[TX Mode change - Spektrum DX7 1<>2](#)

[TX Mode change - Spektrum DX7 1<>2 other service functions](#)

[TX Mode change - Walkera \(Dragonfly\) pictorial_1](#)

[TX Mode change - Walkera \(WK2401\) pictorial](#)

Transmitter - Modules: FAQ, Pinouts and DIY Service.

[Futaba & Hitec - Ace R/C Signal Reverser - DIY email as above for detailed diagram.](#)

[Futaba - Compatibility of Hitec Modules and Legality of use therein.](#)

[Futaba - Compatibility - Interchange of Modules between 8U, 9C, 9Z , 12Z& 14MZ](#)

[Futaba - 12FG, 12Z, 14MZ, FX40 & 2.4 Module - Change Area Code & Programming](#)

[Futaba - MZ Module - Change Region Code](#)

[Futaba - TX Module Pinouts, Circuit diagrams and amendments.](#)

[Hitec & Futaba - DIY Remote TX Mounting for 2.4GHz Antenna \(Dual Std & 2.4\)](#)

[Hitec - Aurora. DIY Module Hack \(less PPM range 7.2v than original 9.6v, post 5 & 48\).](#)

[Hitec - Aurora & 2.4Ghz Spectra Modules - FAQ & Undocumented Features](#)

[Hitec - Aurora - How to fit Spektrum DM8 Futaba module \(not for MZ\).](#)

[Hitec - Spectra & HPF-MI \(Crystal based\) module - output & current drain](#)

[Hitec - Spectra 2.4 GHz & Spectra Pro 35, 36, 40, 41 & 72 Mhz Module differences.](#)

[Hitec - Spectra Module Repair](#)

[Hitec - Spectra PLL Module FAQ](#)

[Hitec - Spectra Pro 72 MHz - Manual](#)

[Hitec - Spectra Synthesized Frequency Module Pinouts](#)

[Hitec - Spektrum DSM/2 modules for use in Eclipse & Optic 6 .](#)

[JR Propo - Module pinouts and repairs.](#)

[Sanwa aka Airtronics - Module Pinouts](#)

Vintage Radio Control Systems

[Babcock Xmitter and Receiverr](#)

[Galloping Ghost](#)

[Golden Age, Vintage & Antique RC -](#)

[Vintage Escapements](#)

[Vintage & Old Timer Radio Control Systems - with schematics](#)

Crystals, Oscillators & Piezo

[Transmitter Crystals - Do not interchange - Berg Industries ***](#)

[Crystals - Why Transmitter & Receiver Crystals Fail Without Warning \(or after being dropped\)](#)

[Crystal Compatability Chart for RC units \(courtesy GWS\) ***](#)

[Crystals - RC Crystal Colour Codes - Identification.](#)

[Crystals - Swapping brands in RC Transmitters and Receivers.](#)

[Crystal - Swapping Transmitter Crystals \(USA\)](#)

[Crystal - What type do you need ? - Steve Lewin, RC Groups](#)

[Crystal - Hi & Low Band usuage FAQ](#)

[Crystals - JR three "Dot" identification system FAQ](#)

[UM crystal on micro receiver - How to - DIY fit and use](#)

[Why R/C Crystals differ -The Piezoelectric Effect](#)

[Bliley Technologies](#)

[Ecliptek Corporation - Home Page](#)

[European Crystal Organization](#)

[International Crystal Manufacturing Co., Inc.](#)

[JAN crystals](#)

[KQT - Korea](#)

[M-tron Industries, Inc.](#)

[Piezo Technology, Inc.](#)

[Quartz Resonator & Oscillator Tutorial ***](#)

[Raltron Electronics](#)

[SaRonix Frequency Control Products](#)

[Tekelec Temex](#)

[Tutorial Specifying Quartz Crystals](#)

[Vectron International](#)

[Xtal Technologies](#)

Retract Undercarriage, Flaps and payload release

[DIY pneumatic retracts \(built from GWS mechanical's\)](#)
[Electric Servoless Retracts - Lado Technologies - retro fit electric retracts](#)
[Electric Servoless Retracts - Skyartek Electric Retracts for EP](#)
[Electric Servoless Retracts - Slow Action Down Technique](#)
[Foam Wing Retract Installation](#)
[Gear Retract - DIY sequential gear operator](#)
[Instal Mechanical Retracts & Battery](#)
[Instal Mechanical Main and Nose gear - pictorial Instr .pdf](#)
[Retract Servos - email Alan for JR.Hitec.Futaba specifics comparison details](#)
[Retract Servo - Do Not use standard \(inc digital\) as still draw full current when up or down.](#)
[Retracts - Prevent Gear from cycling \(model belly flopping\) when Rx switched on.](#)
[Robart Retracts](#)
[Separate Battery for Retract Servo - DIY harness. 01](#)
[Separate Battery for Retract Servo - DIY harness. 02](#)
[Slow Flaps](#)
[Spring Air retracts](#)
[Instal Spring Air Retracts_RCU article](#)

Reviews & DIY Construction articles

["How to read a model airplane review" ***](#)
[DynaFlite PT-19 Cornell](#)
[J3 Cub or L4 = MAN - Reviews - Balsa USA](#)
[Goldberg_Bucker Jungman_MAN review.](#)
[Goldberg Sukhoi](#)
[GWS A-10 Warthog - EP RCU article](#)
[GWS Beaver \(& similar EP builders\) information](#)
[GWS F-3A Formosa - EP RCU article](#)
[GWS Stearman PT-17 - RCU article](#)
[GWS Slow Stick - RCU article](#)
[GWS Slow Stick - The Ultimate - many mods/uses & FAQ](#)
[GWS Tiger Moth 400 - RCU article](#)
[GWS Zero - EP - RCU article](#)
[JW \(Joe Wurt's Dynamic Slope Soaring Wing\)](#)
[Hitec Aurora 9 vs Spektrum DX8](#)
[High Flight Article Archives Index](#)
[High Flight - Kit Reviews](#)
[High Flight - Plans Reviews](#)

[Hirobo Paraplane Sport - RC Groups](#)

[Hitec-Multiplex Elapor Story - Reviews and pictures of most models](#)

[Kit Reviews - RCFU \(very good - aprox 160\)](#)

[Kyosho Product Reviews](#)

[Multiplex Cularis - build and flying pics](#)

[Multiplex Easy Cub & Fun Cub - Install Aileron & Elevator Video](#)

[Multiplex Easystar reviews and video](#)

[Multiplex Easystar - reviews and video - extensive thread with FPV etc](#)

[Multiplex Easyglider Review & Videos](#)

[Multiplex MiniMag](#)

[Multiplex Spacescooter review](#)

[Multiplex Twin Jet electric model aircraft review](#)

[Multiplex Twinstar II Review](#)

[Multiplex Twin Star](#)

[RC Plane & Model Reviews, RC Links, Pics and other RC info.](#)

[Ship Kit reviews](#)

[Sig Kadet Senior - Photo illustrated "How to" Building & flying](#)

[Spezio Tuholer](#)

[Wing Dragon Planes Tips & Tricks """"](#)

Robot, Mechatronics, Robotics & UAV

[Active Robots - Robot Kits and Educational Robotics Resources – UK](#)

[Bookmarks for R.S. Fearing](#)

[Four Rotor Aerial Robot - D.I.Y. pdf download](#)

[Gokiburi](#)

[GPS Boomerang - Weather Balloon information recovery by RC](#)

[Hitec Robotics *****](#)

[How to Build a Robot Tutorial - Society of Robots](#)

[Lynxmotion Robot Kits](#)

[MAV, UAV & Darpa LINK site - aerospace robotics](#)

[Mechatronics and Robotics Research Group](#)

[Mondo-tronics' Robot Store --- Robots Kits, Muscle Wires etc](#)

[Robot Books.com - Robot Kits, Robotics, and Toy Robots](#)

[RobotCafe.com : Information : Link to RobotCafe.com](#)

[Robot education and information.](#)

[Standard Technologies - Seattle Robotics Society](#)

[Sydney University - Unmanned Aircraft Research \(RPVs and UAVs\)](#)

[The Robot Builder](#)

[Robonz - New Zealand's Personal Robotics Club](#)

[TXServo \(USB controllers for servos\)](#)

[XFM > Roboteers - listings](#)

Rockets

[Animated model rocket engine burn.](#)

[Custom Rocket Company](#)

[DIY Radio Control Rocket & fuel](#)

[Experimental Rocketry Site](#)

[Jetex Engineering -- Microjet -- Rocket Science Institute](#)

[John Kallend's rocket page](#)

[Model Rocket Illustrated – 3D cutaway views of the parts of rocket.](#)

[Model Rocket Strobe Light](#)

[National Association of Rocketry](#)

[New Zealand Rocketry](#)

[New Zealand Rocketry Association \(NZRA\)](#)

[Northern Illinois Rocket Assoc.](#)

[Public Enemy Rockets](#)

[Pyrotechnic & Rocket Ignition Systems](#)

[Quest Model Rockets & Engines](#)

[rec.models.rockets FAQ Table of Contents](#)

[R/C Rocket Boosted Gliders](#)

[Rocket Guidance](#)

[Rocket launcher](#)

[Rocketry Online's INFOcentral](#)

[Rocket-Shooting Weed Wacker](#)

[Rocketarium](#)

[Scale Model Rockets Scale Rocket Kits](#)

[Shuttle Countdown Online](#)

[Shuttle Model Homepage](#)

[Model Rocket Club Links](#)

[Smileypig - DIY Antacid or Bicarbonate of Soda fueled working rocket](#)

[Sunward Aerospace Model Rockets](#)

Rubber power_Indoor flight [see also Park Flyer & Free Flight sections above]

[How to cover models with tissue paper - site down, email Alan for details.](#)

[Free Flight Fantasies](#)

[Free Flight Tips](#)

[Paper Airplane Hangar Page](#)

[Paper Paradise Greatest Paper Airplanes](#)

[Printing on Balsa & Tissue - Realistic Scale Covering](#)

[Rubber Lubricant & Stretch Winding](#)

[Rubber Powered Flight! - includes free plan "Squirrel" ***](#)

[Rubber Powered Flight! - How to fly it](#)

[Rubber Powered Flight! - How to make it](#)

[Pennyplane](#)

[Silkspan Covering - How to and Why](#)

[The Best downloadable paper models](#)

Science_Discovery - Space, Anti Gravity etc

[Advanced Propulsion Home Page - JLN Labs](#)

[American Antigravity](#)

[Brown's Gas - cheapest Heating, welding , health, cutting, fusing, automotive power etc.](#)

[GPS Boomerang - Weather Balloon information recovery by RC](#)

[New Propeller Concept using flat plates and rotating fluid!](#)

[Permanent Magnet propulsion](#)

[SpaceDaily.Com - Your Portal To Space](#)

[Tesla: The Forgotten Genius](#)

Slot Cars

[H.O. SlotWorld : Slotworld of links](#)

[Home Racing World](#)

[NZ Slot Car Association Inc. \(NZSCA\)](#)

[Ninco](#)

[Nomad Slot Car Racing](#)

[Northwest Assn. of Slot Track Enthusiasts](#)

[Parma](#)

[Scalextric](#)

[SCX - Official Website](#)

[Slot Car Illustrated, The ONLINE Slot Car Magazine!](#)

Smoke Systems

[Introduction to Smoke Systems - RCModellers.](#)

[Making smoke signals - for 4 Strokes.](#)

[Perry Pumps' Smoke Systems](#)

[RC Smoke - no oil, no fuss ideal for e/flight etc.](#)

[Smoke Systems - B & B \(Bennet built\) Super Smoke systems](#)

[Smoke - Gavtronics](#)

[Smoke Fluid Testing - IMAA High Flight article](#)

[Smoke Oil tips & Recipes.](#)

[Smoke systems and exhausts - Macs Products Website](#)

[Smoke Systems Made Easy - The Flying Penguin](#)

[Sullivan Skywriter](#)

[Tamjets](#)

[TME Product Catalog](#)

[Ultimate Smoke Sytem - UK](#)

Society of Antique Modellers (SAM)

[SAM International Home Page](#)

Submarines

See under Boats, Yachts and Submarines

Tanks & Tracked Vehicles (RC)

[AAVP7A1 Money Pit](#)

[Antenna - DIY shorter RX. More under Rubber Duckie & Flywire in RC section above](#)

[Armor Group West HQ](#)

[Bay Area Tankers Home Page](#)

[Crazy Ivan's RC Tanks](#)

[Field of Armour = 1/6 Tanks](#)

[Heng Long 1/16 RC Tanks - Upgrade FAQ](#)

[Kwong's Modeling World ¥D-¶](#)

[RC Armory - 1/8 scal.](#)

[RC Tank Combat - The Ultimate Tactical Warfare Game](#)

[R.C.T.C - Radio Control Tank Club of Auckland NZ](#)

[Radio Control Tanks - Big 1/8 Scale](#)

[SdKfz Modellbau - 1/10th Scale German WWII Armour Vehicles,](#)

[Sherman Builders](#)

[Sherman Register - Main Page](#)

[Schumo-Kits, detail & upgrade parts for 1/16 + tanks](#)

[Tamiya 1/16th scale radio controlled M4 Sherman tank](#)

[Track-Link](#)

[Tankrc 1/10-1/15 scale Tanks & Halftracks](#)

[Tanktraxx - 1/15 and 1/16 scale.](#)

[World RC Tank HQ](#)

Yachts

See under Boats, Yachts and Submarines

Trailer - Ideas for Towing and Storage of Models

[FlyNet SAM Model Recognition](#)

[Trailer - Building an airplane hauling trailer](#)

[Trailer - Craig's](#)

[Trailer - Interior Layout Designs and ideas.](#)

[Trailer - Roger Forgues](#)

[Trailer - Setup Photos - Flying Giants.](#)

Reference Sites - Inc Microlights & Homebuilts

NZ Reference sites

[AeroHub - NZ Aviators News and Information Hub](#)

[Around New Zealand Air Race 2004](#)

[Aviation Historical Society of New Zealand](#)

[Auckland Regional Microlight Aero Club](#)

[Civil Aviation Authority of New Zealand](#)

[Classic Fighters Marlborough - \(Biannual Airshow\) ***](#)

[Classic Wings Downunder Magazine - Index](#)

[Gliding New Zealand](#)

[Kiwi Aircraft Images - detail photos of most private owned aircraft in NZ. ***](#)

[New Zealand Airshow Directory](#)

[NZ Airshows History](#)

[New Zealand Fighter Squadron Museum](#)

[NZ Warbirds Association.](#)

[Royal New Zealand Air Force](#)

[SG-1 Sailplane](#)

[PBY.com Links](#)

[The Vintage Aviator - Restoring Vintage Aircraft](#)

[Warbirds Over Wanaka Intl Airshow 2008 \(Biannual airshows\) ***](#)

[Wings Over Wairarapa `17 & 18 Jan 2009](#)

Microlights and Homebuilts

[Microlights and Ultralights](#)

[Raanz = Recreational Aircraft Assoc of NZ = Microlights etc.](#)

[Recreational Aviation Australia - refer many building Hints & Tips***](#)

[Scaled Composites, Inc. Rutan etc](#)

[Sport Aircraft Association NZ Inc](#)

[Vintage Ultralight & Lightplane Asscn.](#)

[Aerial Reconnaissance Archives - WWII](#)

[Aeronautica.](#)

[ANZAC - a tribute and history of World War ANZAC's](#)

[Aviation Enthusiast's Corner - Cessna L-19E Bird Dog](#)

[All Aviation Flightline Online Reno Air Racing - Spruce Goose etc.](#)

[Australian Aviation Archive - Links***](#)

[Aviation Art](#)

[Aviation Links - Main aviation weblink directory.***](#)

[Aviation Videos \(spectacular crashes - downloads\)](#)

[Bob's Aircraft Documentation - Foto Packs and 3-Views](#)

[Bomber Girl Home Page](#)

[Canadian War Plane Heritage](#)

[Dan's History - Aviation History, Technology and Air power in Action](#)

[Dutch Historic Aviation Sites](#)

[Early Birds - Herb Sieger's - many pictures of the early flyers](#)

[First Airliner](#)

[Flying Wings - Links to major sites](#)

[Foto Search - Stock Photography and Stock Footage of RC models & Full Size](#)

[Historic Aircraft Profiles](#)

[J-aircraft.](#)

[Jet Genesis - development of the jets.](#)

[Luft '46](#)

[Military - Aircraft, Weapons etc](#)

[Old Rhinebeck Aerodrome ****](#)

[Oshkosh EAA](#)

[P-51 - Mustang Images - WWII to Today](#)

[P-51 - Original training movies etc.](#)

[P-51 - Mustang sound wave ***](#)

[Photographic Reference - glue-it.co.uk - 6500 images](#)

[Planes and Pilots of WWII](#)

[Russian Aviation Museum](#)

[Russia Airwar - Drawings & detail of aircraft from around the world](#)

[Scaled Composites LLC. Burt Rutan space craft and others](#)

[Sky Corner - Virtual Aviation References & 3 dimensional views.](#)

[Spitfire V/low flypast with sound ***](#)

[Stormbirds _ Home of the World's First Fighting Jet ME262](#)

[USAF.com](#)

[USAF Museum Early Years Gallery](#)

[V-Missiles - The V-1, V-2 & other Missiles / Guided Weapons + World War 2 Airpower.](#)

[Web-Birds.Com](#)

[Zeno's Warbird Video Drive-In](#)

[WACO Aircraft Museum & Aviation Learning Center](#)

Richard Pearse * Flying BEFORE The Wright Brothers.*****

[Bamboo Dick, first in flight](#)

[Bill Sherwood's tribute to Richard Pearse](#)

[First To Fly?](#)

[First to fly, monoplane, controlled flight - Richard William Pearse - flying *](#)

[Ivan's plans - RC 1/4 scale model plan](#)

[Richard Pearse - Aviation Pioneer \(by Geof Rodliffe\)](#)

[Richard Pearse - download simulator and fly the plane that flew before the Wright Brothers.](#)

[Richard Pearse, * Flight before the Wright Brothers.*](#)

[Richard Pearse "First Man to 'Fly' a Mechanically Powered Aeroplane" *](#)

[New Zealand News - NZ - Remembering New Zealand's visionary aviator](#)

[Replica - details & * Video of Motor Running *](#)

[Smithsonian Conspiracy ***](#)

Country Lists

Alaska

[MidnightSun RC Club Fairbanks Alaska](#)

Argentina

[`Aeromodelismo' articles - use "Babelfish' at top this page to translate ex Spanish in need.](#)

[Club Aeromodelistas Newbery](#)

[HAS TEAM , Aeromodelismo RC](#)

[Hobby Kits](#)

Australia

Australian clubs.

[ACTSMS - refer newsletters page downloads v.good](#)

[Adelaide Model Aerosport](#)

[ALC control line club](#)

[All Australian Aero Model Clubs](#)

[Australian Model Power Boats](#)

[Australia Model Power Boat Association](#)

[Constellation Model Flying Club - CMFC - Adelkaide SA](#)

[Darwin Model Flying Club - Northern Territory](#)

[Doncaster Aeromodellers , Vic ***](#)

[East Point Aeromodellers Club - Darwin NT.](#)

[Greensborough Model Aircraft Club, Melbourne Vic](#)

[Hinterland Model Flying Club](#)

[Holdfast Aeromodelling Club - HMAC -](#)

[Lismore Model Flying Club - NSW](#)

[Model Aeronautical Association of Australia](#)

[Moreton Region Sports Soaring Association](#)

[North West Aeromodellers - Tasmania NW](#)

[Perth Military Modelling Society Links](#)

[Perth RC Heli Club - PRCHC](#)

[Queensland RC Helicopter Assoc. - QRCHA.Inc](#)

[Scale Soaring Australia - SA](#)

[South West Associated Radio Modelers Society \(SWARMS\) Bunbury WA](#)

[Tingalpa Model Aero Club](#)

[Warringah Radio Control Society Inc. - WRCS](#)

[Adelaide Model Aerosport](#)

[Area 51 RC boats nitro,whipper sniper,gas.](#)

[Austars model](#)

[Australian Model Forum](#)

[Bolly Props](#)

[Dawn Trading](#)

[Composite Scale Models](#)

[EDF model airliners](#)

[Funtastic Products \(Revell etc\)](#)

[Go spectre.](#)

[Gliders Australia](#)

[Hicam - Long range Aerial Video Systems](#)

[Hobby Headquarters](#)

[HSTORE.au](#)

[J.B.Wholesalers](#)

[Jordal Hobby's - Blacktown](#)

[Lion Electronics](#)

[Model Design](#)

[Model Engines Australia](#)

[Model Flight = JR,TT etc](#)

[Model Jets](#)

[OZModel - scale models](#)

[Permagrit Tools Australia](#)

[Precision Aerobatics](#)

[RC Power](#)

[RC Warehouse](#)

[RMG Sail Winches](#)

[Rajs Hobbies, Fairfield, Vic.](#)

[Radio Model Supplies](#)

[Saturn Hobbies](#)

[Silvertone Electronics.](#)

[S&B Model Aircraft](#)

[Skunkworx](#)

[Wings'N'Things Homepage](#)

[Wowings - EPP gliders](#)

Austria

[Robbe - Austria](#)

Belgium

[Alpha 180 - review Protech e/flight glider](#)

[Innovative Model Aviation](#)

[Pampa Modelfighters - Jets over Pampa](#)

[Philip Avonds Scale Jets](#)

[Protech](#)

Brazil

[Aeromodelismo RC](#)

[E-Voo Electric RC Forum](#)

[Maketa,ltda - Cases and 1/12 buildings_furniture](#)

[Scale RC Aircraft](#)

[Vela RC - veleiro, nautimodelos - RC Yachts, Plans & Reviews](#)

Canada

[Canadian War Plane Heritage](#)

[Climate Boatworks](#)

[FlightDecs - decals](#)

[Great Hobbies \(was East Coast Model Center\)](#)

[Hip Pocket Aeronautics - Building and Flying CL, FF & RC Airplanes](#)

[Hobby Hobby Inc.](#)

[ICARE Sailplanes - Scale glider, Electric, F3J, F3B, F3F](#)

[Magma International Ltd.](#)

[Model Aces :: Museum Quality Scale Models](#)

[Model Land](#)

[Page Aviation \(Adrian\) = Gee Bee racers etc](#)

[Richmond RC Supply Ltd \(Airsail NZ Agent\)](#)

[R/C Wings & Wheels Hobby Supplies](#)

[Scale Rib Stitch](#)

[Sunward Aerospace Model Rockets](#)

[The Sky Rangers Model Flyers Website](#)

[Thermal-Gromit Works, radio controlled \(R-C\)](#)

[Udisco Online - \[Marutaka \(Royale\) kitsets\]](#)

China

[ABC Intl Ltd](#)

[AFV Models](#)

[Amax - Toys](#)

[Arrowind](#)

[Art-tech RC Hobby Co., - ShenZhen](#)

[Assan](#)

[Bestone RC](#)

[Blue Arrow \(Xiangtan Jiangnan Model Engine Co Ltd\]](#)

[BYD = Nicad batteries etc.](#)

[Caili Aviation Technology](#)

[CBC-China](#)

[CC Lee Ltd](#)

[Changzhou Haosheng motor Co; Ltd, = HS Motor \(Walkera etc\)](#)

[Cheng Yang model factory \(CY Models\)](#)

[China Model Productions \(CMPro \)](#)

[China Topwin Industry Co.,Ltd - Nanshan District, Shenzhen,](#)

[China Wing Technology](#)

[Corona Electronics and Technology CO.,LTD](#)

[Cyclone Toy & Hobby \(Planes, Boats etc.\) Shenzhen](#)

[Dihan Industrial Co Ltd](#)

[Doohan Industrial Ltd](#)

[Donnguan Motolei Manufacturing Co](#)

[Dong Guan Xian Hao Electric Appliances & Toys Co., Ltd.](#)

[Dong Yang Air Electronic Model Co.,Ltd](#)

[ESky heli - Shenzhen TWF Hobby Trading Co., Ltd](#)

[ESM Producing Co.](#)

[EZC \[EZ-Contrl Technology\] = Corona RX etc.](#)

[Feiao Model, Shaanxi,China - \(DLA Petrol Engines \)](#)

[Flight Model Co., Ltd \(- ARF Kits\), Guang Dong](#)

[Flyhobby RC](#)

[Fly-Model - Zhejiang](#)

[Flyer Model co.,Ltd - Dongguan & Shenzhen.](#)

[FMS Model Co Ltd. - Famous Electronic Tech Co., Ltd - Shenzhen](#)

[FrSky Electronic Co., Ltd - Wuxi, Jiangsu.](#)

[Fully Max Batteries](#)

[Fuyuan R/C Model Co., Ltd - Guangzhou, \(Vantex & CPV products\)](#)

[Gaoan Model \(GAM\) - Ningbo Gemfan International Trading Co., Ltd.](#)

[Golden Dragon Group](#)

[GS Models](#)

[HC-Hobby Co. Ltd - Shenzen HC Hobby](#)

[High Speed Hobby Co.\(also known as "HiSpeed" & "HSP"\)](#)

[HifeiELE = Chongqing Everbest Technology Ltd](#)

[HobbywingTechnology - ESC](#)

[HuiDa RC Intl Inc - Guangdong \[aka Power HD\] servo & brushless motors.](#)

[Huaixing Plastic Toy co., = Shantou Chenghai Huaixing Plastic Toys Factory](#)

[Huayu Hobby](#)

[Hunan Caili Aero Sci & Tech Dev Co](#)

[HWMODEL - KunMing HaoWeiEr Technology Inc.](#)

[J-Power Group Ltd - Shenzen \(ARF manufacturer\)](#)

[JBA Model Engines = Jiangnan Blue Arrow engines](#)

[Jinan Zoom Model Manufacture Co., Ltd. \(Zoom Gliders\)](#)

[Jingyer Industrial Co. Ltd.](#)

[Johnson Motor](#)

[Kamdax Development Ltd.](#)

[Kan Batteries](#)

[KDS Model Technologies Co. ltd.- Shenzen](#)

[Kwong's Modeling World](#)

[Lai Shing - ZhongShan Guanli Model Factory](#)

[Lanyu Hobby - Shantou Lanyu Model Industrial Co., Ltd. \(aka Tian Sheng\)](#)

[Lanyu Models - Anyang Lanyu Model Co Ltd](#)

[Leading Edge](#)

[Leiracing Manufacturing. Co](#)

[Lionroar Metal Etch Parts](#)

[Liyang X-UAV Aeromodelling C0 ltd., Liyang city, Jiang su province](#)

[Lyonaeec- - ARF scale RP & Gliders](#)

[Maitian Mechanical & Electrical Co. Ltd. Chong Qing, Bei Bei District - OEM Brushless Motors.](#)

[Miracle Co.,Ltd.](#)

[Mi Le HaoXiang Model Technology Ltd \(formerly DL Power\) - DLE Engines - Yunnan Province](#)

[Nanlong Models = also known as SZ Models](#)

[Nanchang Three Luck Co., Ltd \(Techonehobby\), Jiangxi](#)
[Pingzheng Science Technology CO, LTD, Tangxia Town, Dongguan](#)
[Raptor Airmodel \(Meng Ying\) and CS Engine](#)
[RC-Maxpower - ESC & Brushless motors](#)
[RICCS Electronic Technology Co. Ltd. - Shenzhen](#)
[Rich Model Works Co.,Ltd.\(Zhuhai\)](#)
[Sanye Machinery Co.,Ltd](#)
[ScaleSpeed](#)
[Shanghai Lily Bearing Manufacturing Co Ltd - RC Bearings](#)
[Shantouwellsold](#)
[ShengTeng Electric R/C Model Plane Co.Ltd. aka ST Model Plane Co.](#)
[Shenzen Colco Model Co Ltd](#)
[Shenzhen Spring Model Electronic CO.,LTD - SpringRC](#)
[Shun Da Model \[aka SD-Modell & SDM\]](#)
[Sunship](#)
[Shenzhen Dynam Industry & Trade Co \(Dynam - RC\)](#)
[Shenzhen Sapac Model Co Ltd](#)
[Shenzhen Honghui Aircraft Co Ltd.](#)
[Shenzhen Lanxiang Model Aircraft Co.,Ltd](#)
[Shenzhen Vertexmotor Industrial Co., Ltd.](#)
[Shenzhou model \(aka SZ Models & Nanlong Models\)](#)
[Sichuan East Co.,Ltd](#)
[Skyartec R/C Model Fun .,Co LTD , Dongguan](#)
[Sun Brilliant Group Ltd - Spring Model Electronic Co.,Ltd - Shenzhen](#)
[Starmax technology Industry Limited](#)
[SZ Models \(also known as Nanlong Models\).](#)
[Tian Sheng - Shantou TianSheng Model Co.,Ltd \(aka Shantou Lanyu\)](#)
[Tiandar Electronics \(Shenzhen\) Co., Ltd,](#)
[Tiger Shark Engines](#)
[TMPro - Top Model Production](#)
[Trumpeter](#)
[Walkera Technology co. ltd](#)
[Wasan Mould & Plastic Manufacture RC Divn.](#)
[WeiLeen International, Ltd.](#)
[WFly Technology Development Ltd - Shenzhen](#)
[Will hobby](#)
[Woddon Industrial Limited](#)
[Wuxi Henge Electronic Co., Ltd - Jiangsu](#)

[Xi'an IC Design Center Co.,Ltd](#)

[Xuzhou Fly-Dream Electronic & Technology Co., Ltd.](#)

[Yama Electronics - brushless motors](#)

[YH model limited company](#)

[Yongkang FunTech Co.,Ltd - \(China Funtech\) - ZheJiang](#)

[Zhejiang Nanlong Shenzhou Models Co.,Ltd](#)

[Zhiyang Technology Co., Ltd, Shenzen](#)

[Zhong Shan Guanli Model Factory - Lai Shing \(RTF copy of GWS models\]](#)

Colombia

[Aeromodelismo Bucaramanga](#)

Cyprus

[Nicosia Aeromodelling Club](#)

Czech republic

[Advertising blimps](#)

[Aerodesign](#)

[Aires Hobby Models](#)

[Alfa models](#)

[Ares - Military Catalogue](#)

[CMK Masters Kits - Resin Kits and Resin accessories.](#)

[Eduard Model Accessories ltd.](#)

[Elektrolety](#)

[Falkon electronic \(ignition system for ZDZ etc\]](#)

[Flying Styro Kit](#)

[Hacker Model Production Inc.](#)

[Hauler CZ](#)

[Jacques CZ - Paper cutout models \(free downloads\)](#)

[Japo](#)

[Jeti Model](#)

[Jispro - Gfk Sailplanes etc.](#)

[JR models](#)

[kvscaleplanes - scaleplanes](#)

[Lomcovak](#)

[Megamotor](#)

[Mejzlik Modellellbau Shop](#)

[ModelMotors](#)

[MPM, s.r.o. - Kits & Hobby](#)

[MVVS - engines](#)

[Pecka Modelåø](#)

[Plastikove modely](#)

[RC Mania](#)

[RC Scale Model Ships - Jiri Syrovatko](#)

[S2G](#)

[Ship model kits and plans](#)

[Samba Model - gliders](#)

[Tritex Model](#)

[ZDZ - modelmotor, Czech Republic](#)

Denmark

[Billing Boats](#)

[Denmark](#)

[EFK87 - Index til link sider](#)

[Københavns Fjernstyringsklub](#)

[Radio control page, RC planes boats cars whatever DIY long Range ***](#)

[Soren's Electric Model Boat / Flight](#)

England, Scotland, Wales - United Kingdom

[ACTion Electronics - RC Boat ESC, Mixers etc](#)

[Active Robots - Robot Kits etc.](#)

[Action Kits : ESC and accessories for boats.](#)

[Admiralty Ship Models - Handcrafted Ship Models.](#)

[A.H.Design Ltd = Pilot figures made to order.](#)

[Always Hobbies - includes doll houses, weaponry etc](#)

[Amerang Group \(Hitec and other RC distributors\)](#)

[Anglia Model Centre - Plane & Boat complte-a-kits mfg + retail](#)

[Aquataur model racing yachts](#)

[Ballards Model Shop](#)

[Balsacraft Intl. Ltd](#)

[Balsamart](#)

[Ben Buckle Kits. Vintage and Old timer model aircraft kits & plans.](#)

[Boomerang Jets](#)

[British Model Flying Association - Home Page](#)

[Carbon Copy](#)

[Chris Foss Designs](#)

[Commonwealth.Net, Model Rockets, Auctions & More](#)

[Custom Electronics - Prototype Development, PIC Programming](#)

[D.B. Sport & Scale = \(Dave Boddington\)](#)

[Desert Sky](#)

[Electronize Model Electronics](#)

[Evolution Racing Products \(Academy distributors - UK\)](#)

[Falcon Aviation](#)

[Fast Lad Performance](#)

[Flair Products](#)

[Flying Sites - R/C Aero Portal](#)

[Free Flight Supplies - Mike Woodhouse -](#)

[Galaxy RC](#)

[Helger Racing - RC Cars](#)

[Hornby](#)

[Hornby International](#)

[HPC Gears](#)

[Irvine Ltd](#)

[Just Engines](#)

[Just Kits and Models](#)

[LiteFlite Engineering](#)

[MacGregor Industries](#)

[Mamod - Steam Models](#)

[Mick Reeves Models.](#)

[Micromagic systems](#)

[Micron Radio Control](#)

[Modelcraft - Coventry](#)

[Modelguard - Model Choice Warning System for Hitec & Futaba](#)

[MAA - Model Aviators Association ***](#)

[Model Technics](#)

[Model Yacht Design - RC Model Yacht, Cruiser & Dinghy Kits](#)

[MY Hobbies](#)

[North Seas Fleet - radio control submarines](#)

[Pete's Pilots](#)

[Phoenix Model Products](#)

[PhoenixRC - Professional](#)

[Practical Scale - Rawle Aviation \(Large Models\)](#)

[Punctilio Model Spot](#)

[Pyramid Models - \(Decals, smoke systems etc\)](#)

[RAM - Radio Active Manufacturing:](#)

[Radio Control Models](#)

[RC Buzz - RC Airplanes, RC Cars, RC Helicopters](#)

[RC Electronics](#)

[RC Mods - RC Helicopters](#)

[Ripmax](#)

[Scale Aircrew Supplies](#)

[S.M. Services \(UK\) Ltd - RC electronic accessories](#)

[Solarfilm \(Solartex, Solite, Solarspan, So-lite, Fibafilm\)](#)

[STO Racing Products - RC cars](#)

[Sussex Model Centre](#)

[Taycol - Model Boat Electric Engines](#)

[The Balsa Cabin](#)

[The Electric Flight Store](#)

[UK Model Retailers - List](#)

[Vortex Vacforms](#)

[Weston UK - Tuned pipes etc](#)

[Wings of Horus - WW1 Model Warbirds + paper models](#)

England - Clubs

[Boxhill Heli Club](#)

[Eastbourne Model Power Boat Club](#)

[High Wycombe & District Model Aircraft Club](#)

[Phoenix Model Flying Club - Hertfordshire](#)

[Phoenix Model Flying Club - Suffolk](#)

[Royal Air force Model Association](#)

[South Cotswold Soaring Association](#)

[Redbourn Flyers](#)

Scotland

[Dundee Model Aircraft Club](#)

[Scottish Federation of Model Boat Clubs](#)

[West Calder Model Flying Club & links other Scotland Flying clubs](#)

Wales

[West Wales Models](#)

Egypt

[RC Egypt](#)

Finland

[Miniveneilijat - RC boating club in Helsinki](#)

France

[Abecam27](#)

[Aeromaniacs](#)

[Aeromaniacs - Free plan downloads \(88+\)](#)

[Aeromodelisme Radiocommande](#)

[Aéropassion, aéromodélisme & maquettes RC](#)

[Aeropic : RC planes and PIC based electronics](#)

[Aero-precikit](#)

[Air Loisirs](#)

[CAP Maquettes - boat fittings](#)

[Electron Libre - Electrofly - free e/flight downloads](#)

[Flash RC](#)

[Heco Miniatures](#)

[Joyeux bazar \(Arguably the best personal download site for FMS models\)](#)

[Le Club d'Aéromodélisme de Senlis](#)

[Les liens Aeromodelistes](#)

[Le Mordu du RC](#)

[Medial Pro](#)

[Rc-aero - CNC Foam models & plans. d'Olivier Segouin](#)

[T2M](#)

[Topmodel](#)

[Ze Gravos - RC Car racing etc](#)

[ZNLINe \(airplane models\)](#)

Germany

[Aero-Club-Rheidt](#)

[ACT europe](#)

[Decalerstellung und Decalverkauf](#)

[Elektromodellflug](#)

[Faller - Railroad Buildings and model accessories](#)

[Famotec](#)

[FEMA Modelltechnik - On Board Elec starters, U/C etc.](#)

[FiberClassics Online](#)

[Fliegerlandshop:](#)

[Flying-Circus](#)

[FVK Modell - Gliders](#)

[Graupner Models](#)

[Hans Witkowski](#)

[Hacker Brushless Motors](#)

[Henseleit Helicopters](#)

[Herpa Miniaturmodelle](#)

[Hitec RCD](#)

[Jamara Modelltechnik - \(Airsail NZ Distributors\)](#)

[Jet drive units \(KMB\)](#)

[Kavan](#)

[KMB - Kehrer Modellbau / Jet drive units](#)

[Kontronik](#)

[Kyosho De](#)

[Lauterbacher Modelltechnik - 1/5 RC Cars](#)

[Lenger Modellbau](#)

[Modellbau Pollack](#)

[Motorsegler IG](#)

[Multiplex](#)

[rc-fly - Simulator and downloads](#)

[RCLine.de schiffe](#)

[Revell](#)

[Robbe Modellsport](#)

[Schulze-elektronik](#)

[Schumo-Kits](#)

[Thundertiger Europe](#)
[Toni Clark practical scale](#)
[Verbrenner-Club-Hunsrück](#)
[Wemotec \(ducted fans\)](#)
[Wes -Technik](#)

Greece

[AeroModels](#)
[All car models.com](#)
[RC Hotel](#)

Holland

[Amsterdam Model Shops](#)
[AMT Advanced Micro Turbines](#)
[Dutch Submarines: forum and messageboard](#)
[High End Technology - HET Holland](#)
[Holland Plastic Model Kits](#)
[The Koolhoven Aeroplanes Foundation](#)

Hong Kong

[AirBorne Models, LLC - Scale ARF Airplane List - The Radar Co.](#)
[Apex](#)
[CY-Model](#)
[Dragon-Models](#)
[Falcon - Military models](#)
[Fun-Key](#)
[GPM Racing](#)
[Hobby City - aka - Hobby King](#)
[Hong Kong Yellow Pages](#)
[Jet Hobby](#)
[Radar Co., Ltd](#)
[Slope Soaring in Hong Kong](#)
[Unimax Toys](#)
[Waigo Model Hobbies Ltd](#)
[Windrider](#)

[Winning RC-Tech](#)

Hungary

[Fabulis](#)

[Friulmodel - - Lap eleje -](#)

[Resination](#)

Iceland

[Fréttavefur Flugmódelmanna](#)

India

[E.N.R Model Aircraft](#)

[Indian Aeromodellers](#)

[Multitherm \(India\) ---Hobby Division](#)

[P-Line Models - Diesel engines and Railway](#)

[Radical Works](#)

[Rotor Sport & Hobby Pvt. Ltd - Chennai](#)

[Sharma Model Aero Engines and Propellers](#)

[Wings India](#)

Indonesia

[KNV Online](#)

[Surabaya Hobby - Surabaya city](#)

Ireland

[Northern Ireland Association of Aero modellers](#)

Israel

[fly hi](#)

[Galaxia - Rishon Hobby Centre](#)

Italy

[Aeropiccola](#)

[Aircraft Model Workshop](#)

[F3model: car, aircraft and boats](#)

[Mamoli](#)

[Mantua model](#)

[Mathe Engines \(Italy\)](#)

[Pegaso Models](#)

[Protar \(F1 & Motorcycles kitsets\)](#)

[SIRIO Star-Motor Engeneering](#)

[Tankrc -1/10-1/15 Tanks & Half Tracks](#)

Japan

[Aoshima](#)

[Air Craft R/C World Shop \(Hyperion Japan\)](#)

[Bandai _ Plamo Net](#)

[Bigfoot](#)

[Doyusha Home Page](#)

[Fujimi Mokei](#)

[Futaba Corporation](#)

[Gulraj Trading Corporation](#)

[Hasegawa](#)

[Hirobo Models](#)

[Hitec Multiplex Japan](#)

[HobbyLink](#)

[Hobby Net](#)

[Ishii Mokei](#)

[Japan Radio - JR](#)

[JR - Helicopter division](#)

[KO Propo & Kondo](#)

[Kotobuki - \(Airsail NZ Distributors\)](#)

[Kyoshin Development - specialised Hitec Servos and RC Robots](#)

[Kyosho](#)

[Mabuchi Motor](#)

[Mr Hobby - Gunze Sangyo](#)

[Nikko - Radio Control Toys](#)

[OK Model \(aka Pilot & EZ\)](#)

[O.S. ENGINES top](#)

[Sanwa \(= Airtronics in USA\)](#)

[Tahmazo \(RC servo and accessories\)](#)

[Tamiya](#)

[Tokyo Hobbies Corp](#)

[Tonegawa-Seiko - Large Servo manufacturer](#)

[YS Engines](#)

[Yokomo Ltd.](#)

Kazakhstan

[Toy Cars World](#)

Korea

[ACADEMY \(Plastic models, RC Cars and RC Boats\)](#)

[Alteco - Super Glues and other adhesives](#)

[AnyRC \(Apache chargers & balancers\)](#)

[Bantam Inc. - chargers.](#)

[Boramaerc.](#)

[E*star Models - laser cut e/flight plane](#)

[Full Metal Jacket](#)

[Geobooksun - Model Ship etc](#)

[Hitec RCD = Radio Control Systems and accessories](#)

[Hobby Electronics also known as "Sky-Holic"](#)

[HobbyPark](#)

[Hobbytech](#)

[Korea Radio Control Club](#)

[KY Tech fuel](#)

[Legend productions](#)

[Locomax Technology](#)

[Military Modeling Zone](#)

[Mins Gallery](#)

[My RC](#)

[Radiopost \(aka RCEnjoy\)](#)

[RCDH - radio control dream house](#)

[Secraft \(machined metal RC accessories\)](#)

[Seepel Co Ltd](#)

[SJ Propo](#)

[Sky & Technology - Quark 7 mode Brushless ESC \(inc set up videos\)](#)

[SOL Model co.](#)

[Sungwoo Engineering](#)

[Young Miniatures](#)

[Young Modeler - scale boats](#)

Latvia

[Ankravs RC](#)

[ehobby Lv](#)

[RC Drift, Riga](#)

Malaysia

[Hobby Haven Sdn Bhd](#)

[Hobby World \(M\) SDN. BHD.](#)

[HobbyTech](#)

[Knight 50 Heli](#)

[RC Smart](#)

[TXServo \(USB controllers for servos\)](#)

Malta

[Malta Model Aircraft Flyers Association](#)

New Zealand

[Ace Hobby Ltd](#)

[AC15 Yachts \[Scale America's Cup Yachts\]](#)

[Airsail International Ltd](#)

[Canterbury Sailplanes - EPP Foam and Hitec models.](#)

[Ecobatteries for NiMH](#)

[Fling by Philbar](#)

[Foamworks - foam cut to your requirements](#)

[Garvon Products Ltd \(Wooden Propeller Manufacturer\)](#)

[GPS Boomerang - Weather Balloon information recovery by RC](#)

[Impact Airframes = DLG models](#)

[Kang's Hobby Import & Distribution \[Importers & Distributors\]](#)

[New Zealand Rocketry Association \(NZRA\)](#)
[NZ Weather Stations On-line \(Cntrl F5 together = refresh\)](#)
[Power Sails](#)
[RacingSparrow Model Yachts - free plans](#)
[Radio Spectrum Management Publications](#)
[Selwyn District Council - Darfield weather station](#)
[Simpower - Sanyo Batteries](#)
[Skycam UAV NZ - Kahu](#)
[SteaMECH - Live Steam Engine Models](#)
[Stirling Engines](#)
[Warbirds Over Wanaka \[International Airshow\]](#)
[Winch NZ - \[Electric winchs and accessories\]](#)

NZ RC Aero & Heli Clubs + Model Flying New Zealand (NZMAA)

[Andrews Aerobatic Site](#)
[Auckland Indoor flight.](#)
[Auckland Soar](#)
[Blackfeet Flyers - Thames.](#)
[Canterbury RC Helicopters](#)
[Christchurch Model Aero Club \(CMAC\)](#)
[Christchurch Radio Fliers Club](#)
[Christchurch Soar](#)
[Electric flight in New Zealand](#)
[F3B North Island NZ](#)
[Hamilton MAC](#)
[Hawkes Bay Radio Flyers](#)
[Hibiscus Coast Radio Flyers](#)
[Kaiapoi Model Aero Club - Christchurch](#)
[Matamata Piako Model Aero Club Inc](#)
[Miniature Aircraft New Zealand Inc \(M.A.N.Z\)](#)
[Model Flying New Zealand \(NZ Model Aeronautical Association\)](#)
[Model Flying New Zealand \(new site\)](#)
[Model Flying New Zealand \(NZMAA\) - Links to NZ club websites etc](#)
[NZ Indoor Model Aero Club](#)
[NZ Jet Modellers Association](#)
[NZ North Island Handlaunch](#)
[NZ R C Helicopter Club ***](#)

[RC Helicopter NZ Info.](#)

[NZ Jet Modeller's Association](#)

[North Shore MAC](#)

[Palmerston North Aeroneers](#)

[Papakura MAC](#)

[Parkflyers.org.NZ](#)

[Quickie 500 Racing](#)

[Roskill Modellers Club - MAC Auckland](#)

[Roskill Modeller's Club Blog](#)

[Tamaki MAC](#)

[Tauranga MAC](#)

[Thames MAC - The Blackfeet Flyers](#)

[The Hangar \(Accommodation & Flying at Te Kowhai\)](#)

[Tokoroa Radio Control Club \[Turbine site\]](#)

[Whangarei Model Aircraft club.](#)

[Wellington MAC](#)

[Woodbourne MAC](#)

NZ RC Car, RC Tank and Robotics.

[Auckland Radio Control Car Club](#)

[Capital Model Racers - RC Racing NZ](#)

[Harewood RC Car Club -Christchurch](#)

[HRCCC - Hamilton Radio Control Car Club](#)

[Mechatronics and Robotics Research Group](#)

[Nelson RC Car Club](#)

[NZ Radio Car Control Association](#)

[North harbour RC Car Club - NHRCCC](#)

[RCTC - RC Tank Club](#)

[Robonz - New Zealand's Personal Robotics Club](#)

[Taranaki RC Cars](#)

[North Harbour Radio Control Car Club](#)

[The Society of Student Engineers \(AUT\) - SoSE](#)

NZ RC Boat & Yacht Clubs & accessories

[Canterbury model powerboat club](#)

[Canterbury Radio Yacht Squadron](#)

[Gulf Harbour Radio Yacht Club](#)

[J Assoc - Canterbury, South Island](#)

[Kerikeri RYS](#)

[Kiwi Radio Yachting](#)

[Manukau Model Power Boat Club](#)

[Model Powerboat.co.nz](#)

[NZ Model Powerboat Forum](#)

[NZ EC12 Owners Association - RC Yachting](#)

[NZ Yachting Association \(with links to all NZ Clubs\)](#)

[National Maritime Museum, Auckland. NZ](#)

[New Zealand Model Power Boat Association](#)

[North Shore Radio Yacht Squadron \(NSRYS\) NZ](#)

[Power Sails](#)

[Scale Marine Modellers \(inc\)](#)

[Tauranga Sailing Club](#)

[Ultralite Composites - \(carbon r/c yacht parts & stands\)](#)

[Wellington Radio Yacht Club](#)

[Wind Warrior yachts](#)

[By Air Classique - Aviation Art,Gifts & Collectibles.](#)

Norway

[ABC om skalamodellfly](#)

Pakistan

[RC Pak - Pakistan's largest rc hobby website.](#)

Philippines

[RC Philippines](#)

[The Model Airplane](#)

Poland

[AleHar](#)

[Alehar Forum - forum modelarzy RC.](#)

[Art Hobby](#)

[flying models](#)

[Klub Modelarstwa Lotniczego](#)

[Modele samoloty okręty](#)

[Polska Witryna Modelarska](#)

[Rc Abc.com](#)

[RC-FOorum :: Indeks](#)

[Warsaw Model Center](#)

Portugal

[Clube AeroModelismo du norte](#)

[AEROfred - Indoor and Parkfly Models](#)

Rarotonga, Cook Islands

[Rarotonga Radio Control Yacht Club](#)

Romania

[Wespe Models - resin military kitsets](#)

Russia

[Aero FZD - Large scale ARF RC aircraft](#)

[Cyclon Engines - FAI, F2b & C etc.](#)

[Design for RC models](#)

[MDS - Engines](#)

[Military Parade Online. The latest news from the Russian defense industry.](#)

[Modelism on airforce.ru](#)

[ModelsWorld](#)

[Russia Airwar - Drawings & detail of aircraft from around the world](#)

[Russian Aviation Museum](#)

[Scale Models HobbyShop](#)

[Sky Corner - Virtual Aviation References & 3 dimensional views.](#)

[Special Scale Models - Airline and other display made to order.](#)

[Voca Gran model kits](#)

[Watson's Military Page](#)

[Zvezda](#)

[Radio Control Tanks](#)

Saudi Arabia

[Jeddah Wings](#)

[Saudi Aeronautical Club](#)

[\[Riyadh RC\]](#)

[Saudi RC Club - Eastern province.](#)

[Saudi RC - Riyadh RC](#)

Singapore

[GoFlyKite - RC night flyers and traditional](#)

[RCAerosport](#)

[Rotor = ARF & Helis](#)

[Singapore Hobby Supplies Pte Ltd,](#)

[Singaporerc.com](#)

Spain

[AK-interactive S.L. - Enamel Weathering Techniques, Washes, fading and oils](#)

[C.Mamoli s.a.s - wooden sailing ship & other kitset.](#)

[Das Werk Miniatures](#)

[MIG Productions -1/35 military upgrades & pigments](#)

[PortWind - yachts](#)

[SCX - Official Website](#)

[Yuri Models](#)

South Africa

[Firmtronics - LMA, Mixers, servo reversers etc](#)

[Model Mechanics - Turbines and aircraft](#)

[Power Hobbies & Toys](#)

[SAMAA home page](#)

[SAMPRA South African Miniature Pylon Racing Association](#)

Sweden

[Mikes Electric Flight Web](#)

[MJD Models](#)

[RCExplorer - Tricopter & Multicopter Setup, FPV & Video](#)

[R/C Model Aircraft and Aerodynamics](#)

[Trelleborg Model Flying Club](#)

Switzerland

[Aero Scale Products - Flying Wires](#)

[Alpine RC Soaring](#)

[Ateliers Gagnon - Turbo Jet](#)

[Blackwaters - Flying Circus](#)

[IGG Schweiz - Large scale gliders](#)

[MInimotor SA - Miniature drive systems](#)

Taiwan

[AFV - plastic kitsets](#)

[Airpower Models](#)

[Blue Bird Technology](#)

[CEN Racing](#)

[CetraNet](#)

[Edam Co Ltd \(aka RCCar\)](#)

[GWS \(Grand Wing Servo-Tech Co., Ltd\)](#)

[Great Vigor \(GV\) RC](#)

[Hobao Racing](#)

[Hobbyengine Model Industrial Ltd](#)

[Hztec Co., Ltd. Global Position Finder \(GPS\) for RC](#)

[Jack Power Co. Ltd](#)

[Li Chann HomePage](#)

[Mark Star Servo-Tech Co Ltd \(MKS servo-tech\)\)](#)

[Mirrahamm International Trading Corp \(Anderson Racing\)](#)

[MKS Servo](#)

[Q-World Model Enterprise](#)

[RD Hobby](#)

[SavoxTechn Inc](#)

[Sinyih Model Enterprises Ltd](#)

[Sogolee - Taiwan Airbrush](#)

[Tai Shin Hobby Corporation \[trading as TSHobby Gaii \]](#)

[Taiwan Online](#)

[THMX RC \(aka Sky Fantasy Models\)](#)

[Thunder Tiger Model Co.](#)

[Tricore \(Parent company of Savox Servo\)](#)

[TY1 - Hobby Squadron Ltd](#)

[VG Power RC](#)

[Victor Air Tools Co., Ltd - Airbrushes etc.](#)

Thailand

[ChiangMai Radio Controlled Flying Club \(CMRCFC \)](#)

[Future Kit - EP Maxx Tronic.](#)

[Globalsingh co.,ltd.](#)

[Minicraft Hobby](#)

[MoDelivery](#)

[Mr Boatman](#)

[ROJets](#)

Ukraine

[Composites for model.](#)

[Impress Ltd - RC Gliders](#)

[Roden - Plastic model kits](#)

[Shock - ESC](#)

[Vladimir's Models - RC Gliders](#)

Turkey

[Ankara Model Uçak Kulübü](#)

[Istanbul Soaring Club](#)

[Model helicopter](#)

[Murat Aygan](#)

[Ship Modeling](#)

United Arab Emirates

[Bahrain R/C](#)

[Dubai RC Hobbies](#)

U.S.A

[A & A Industries](#)

[ABC Hobbies \(= Yachts and Power boats\)](#)

[ACE HOBBY R/C = Thunder Tiger](#)

[Acme = Brass Fuel Tanks](#)

[Accurate Miniatures](#)

[Aerocraft Ltd \(Telemaster kitsets etc\)](#)

[Aeromaster Decal Reference](#)

[Aeroworks - Edge](#)

[Aircraft International, Inc.](#)

[AirBorne Models, LLC](#)

[Airfield Models - Radio Control and Display Models](#)

[Airwild Hobbies](#)

[AirWild Hobbies - Aluminium servo horns](#)

[Alclad 2 - Model Lacquers - Natural metal finish laquer for model kits](#)

[America's Hobby Center](#)

[AMT USA, Aviation Microjet Technology](#)

[APC Props](#)

[Arizona Model Aircrafters...Early & Vintage](#)

[ArtHobby - Gliders ex Poland & Hitec RC.](#)

[Astro Flight](#)

[Aviator Models - carved mahogany wood models](#)

[Badger airbrush](#)

[Balsa USA Home Page](#)

[Bearco Marine Model.. - Great Lakes Freightier models,kits boat,](#)

[Bellimel group: Flying Wing Pland - Hortenn, Northrop etc.](#)

[Best R/C = Tower.Hobbico.owned companies & agencies list](#)

[Birdworks - inc the RC Gull](#)

[B.J.'s Model Engine Service - Enya distributor,,RCV, Brison,Revo service](#)

[Boca Bearing Company](#)

[BP Hobbies \(aka Balsa Products\)](#)

[Brass Fuel Tanks for Model Airplanes](#)

[Bridi Airplane Kits - the original](#)

[Bridi R_C \(Radio Control\) Aircraft Kits-](#)

[BTE - Bruce Tharp Engineering Kitsets.](#)

[BVM Jets](#)

[Cajun Gator Airboats](#)

[Carl Goldberg Models Inc.](#)

[Callie Graphics](#)

[Carr Precision - engines](#)

[Castle Creations](#)

[Century RC Helicopter Products](#)

[Century Jet Models International](#)

[C.H. Ignition](#)

[Chief Aircraft Inc - Aircraft Parts, Avionics,](#)

[Classic Airplane Models, round engine scale plans](#)

[ClearView RC Helicopter Simulator](#)

[Cleveland Model & Supply Co., Inc.](#)

[Colours on the Wind - kites](#)

[Combat Models R_C Jets](#)

[Commander R_C Models](#)

[CompleteHeli.com](#)

[Coverite Home Page](#)

[Crazy Pilots](#)

[Crazy Tmaxx T-Maxx E-Maxx Hopups](#)

[Creative Woodworking - Submarine Models, shadow boxes etc](#)

[Custom Cut Vinyl Lettering and Graphics - Bill Fulmer](#)

[Custom Rocket Company](#)

[Dare Design & Engineering - plane & boat kits](#)

[Dave Brown Products](#)

[Dave Patrick Models - Team Patrick](#)

[de Havilland Models - scale kits/airframes of de Havilland aircraft](#)

[Desert Aircraft -- Giant Scale Engines, Kits and Accessories](#)

[Diamond Panels = Instrument panels for scale aircraft](#)

[Diversity Model Aircraft - Elec Motor Calculator etc](#)

[Du-Bro Products,](#)

[Dumas Products Inc.](#)

[Dynaflite](#)

[Dynam see also Shenzhen Dynam Industry & Trade Co \(Dynam - RC\) CN.](#)

[Dynamics Unlimited - micro motors and servos](#)

[Easy Built Models](#)

[EMS Jomar](#)

[Esprit model](#)

[Estes Rockets](#)

[Evergreen Scale Models](#)

[Experience RC](#)

[Fastener Express - Socket Head Cap Screws, Metric Screws , Fasteners etc](#)

[Fiberglass Specialties](#)

[Field of Armour](#)

[Forces of Valor](#)

[Fox Manufacturing](#)

[Fabrics - Covering material by Aerocenter Aircraft Supply](#)

[FMA Direct](#)

[Fractional Horsepower Motors Manufacturers](#)

[Full Force RC - Hop-ups for Cars, Trucks etc](#)

[G & P Sales = Figlass scale Twins, Amphibians etc](#)

[Global Hobby Distributors](#)

[Glow in the Dark](#)

[Graham McAllister Designs](#)

[Grand Distribution & Icon R/C \(Wholly owned by GWS\)](#)

[Great Planes \(Hobbico - Tower Group\)](#)

[Great Planes-Hobbico-Tower Group list own Product Lines](#)

[Guillow's](#)

[GWS \(USA\) and subsidiaries Grand Distribution & Icon R/C](#)

[Hangar 9 - \(Horizon Hobbies\)](#)

[Hansen Hobbies](#)

[Harry B Higley & Sons Inc.](#)

[Hawk RC](#)

[HeliProz R/C Helicopter](#)

[Herr Engineering Corporation](#)

[Hitec RCD Inc. - USA Distributor](#)

[Hobbies on the Net \(= Hobbico -Tower Group\)](#)

[Hobbico Homepage](#)

[Hobby Barn](#)

[Hobby Horse = Hitec RC systems sales](#)

[Hobby Lobby International](#)

[Hobbymasters](#)

[Hobby People \(previously known as Hobby Shack\)](#)

[Hobbytron - Airsoft and Hobby World](#)

[Horizon Hobby - JR, Hangar 9, Zenoah.](#)

[Iron Bay Models - Byron Kits re-released](#)

[HSRCM RC - Xtreme FUN-FLY](#)

[i4c Products - Air Whistles, Air screamers etc.](#)

[JELmotors rc engines](#)

[JK Aerotech RC combat foamie airplanes](#)

[JTEC Model Engine Accessories](#)

[Kangke USA](#)

[kimbrough Racing Products \(Gears and RC accessories\)](#)

[K&S Engineering, Co.](#)

[Klass Kote \(epoxy paints for RC\)](#)

[Kress Jets](#)

[Kyosho \(America - USA, Canada & Mexico\)](#)

[Lado Technologies - retro fit electric retracts](#)

[Lanier RC](#)

[Lindberg Models](#)

[Lite Machines Corpn - R/C Helicopters](#)

[Litko Aerosystems - Laser cutting of kit parts etc.](#)

[McDaniel RC - Electronics & Ni-Starters Sonic Tronics](#)

[Mack Products - Model Marine](#)

[Macs Products](#)

[Major Hobby](#)

[Master Airscrew](#)

[Maxx Products](#)

[Mega Motors USA](#)

[Megatech](#)

[Merlin Glow Plugs](#)

[Micro Fasteners](#)

[Midwest Products](#)

[Mission Models - Etch Mate, Multi Tool and Grabhandler](#)

[Model Airplanes.org](#)

[MotoCalc - Electric Flight Performance Prediction Software](#)

[Model Rectifier Corporation \[MRC\]](#)

[Morris Hobbies](#)

[Moto-Tech Aircraft Designs](#)

[MV Models](#)

[Multiplex - USA](#)

[Nasty Toes Aviation \(EP flight design & build\)](#)

[National balsa - supplier of balsa and basswood](#)

[Nelson Hobby Specialties](#)

[Nikko America Inc. Online 1999](#)

[Ohio Model Products - Flyingthingz - Lawnmower, Doghouse etc.](#)

[OmniModels = \(Hobbico - Tower Group\)](#)

[Pacific Aeromodel Homepage](#)

[Pacific Aircraft models.](#)

[Parma PSE](#)

[Peck-Polymers](#)

[Perry Pumps \(& carburettors\)](#)

[Petal Manufacturing - Transmitter trays](#)

[Phil's Hobby Shop](#)

[Pica - Shop shut - moving premises](#)

[Pica - previous web pages](#)

[Plastex = Plastic Repair Kits](#)

[Plastruct, Inc.](#)

[Polks hobby](#)

[Power Gliders - Parafoils](#)

[Powermaster Hobby Products, Inc. - Powermaster Fuels](#)

[Prather Products](#)

[Proctor Enterprises](#)

[PSP Manufacturing - Engine Test stands etc](#)

[QModeling - Model Rocket Kits](#)

[Quantum Models](#)

[Radio South RC - Transmitter etc Repairs & Service](#)

[Ram Radio Controlled Models Home Page](#)

[RC Armory - 1/8 scale tanks](#)

[R/C Naval Supply - brass props, struts, antenna](#)

[RC Showcase - GAS ENGINES](#)

[RC Lights - LED Lighting Systems](#)

[RC Screen Protectors - Ready to fit for Hitec, Futaba , & JR etc TX Screens.](#)

[Reids Quality Models - Cheetah engines etc](#)

[Revell-Monogram](#)

[Robart Manufacturing](#)

[RotorKraft - Aerial Imaging Products](#)

[RT Models - Ducted Fan Jets Kits](#)

[RTL Fasteners](#)

[Scale Marine products](#)

[Scale Model Rockets](#)

[SDB Models \(unique & scale models\)](#)

[Sea Breeze Parachutes - EP & IC Paragliders etc](#)

[ServoCity.com = Hitec servos & systems etc.](#)

[Sheldons Hobbies](#)

[ShredAir - Gliders, E/power, Slope, F3B, 3F, 5B etc](#)

[Showcase Model Planes - handcrafted wood models](#)

[S.I.B Prosilver](#)

[SIG Mfg. Co](#)

[Skonk Works - Round the Pole etc](#)

[SkyMaster Industries = Chuck Cunningham](#)

[Slimline Products](#)

[Solarbo USA](#)

[Sonic-Tronics Inc](#)

[Specialized Balsa Wood](#)

[Springair Retracts](#)

[SR Batteries](#)

[Stan's Fiber Tech - Figlass cowl etc](#)

[Sullivan Products](#)

[Super Battery Packs - 3 X longer per charge](#)

[Superior Balsa](#)

[Sureflite - The original molded foam airplanes.](#)

[SWB Mfg - Pull Pull systems and specialist metal servo horns](#)

[3D Foamy : Electric](#)

[Tekin Electronics - ESC](#)

[Testors](#)

[Tetracam Inc & Diamond Dust RC](#)

[TnT's Landing Gear Products & instrument panels](#)

[Top Flite = \(Hobbico - Tower Group\)\)](#)

[Top Gun Aircraft](#)

[Tower Hobbies = \(Hobbico - Omni Models etc\)](#)

[Tru Turn \(spinners\)](#)

[Tuff Planes - EPP slope soarers](#)

[United Modelers of America - recently shut down](#)

[U.S. AirCore Home Page](#)

[Vantec Products](#)

[Verlinden Productions](#)

[Walthers Model Railroad Mall -- Manufacturers](#)

[Warbirds Limited](#)

[War Bird kits.](#)

[White Knight - Wing protectors](#)

[Williams Brothers - HO Scale Model Aircraft + Cars -](#)

[Winch Doctor](#)

[Wing Manufacturing](#)

[Wing Tote - protective bags for wings, heli etc.](#)

[Winged Shadow Systems - micro altimeter - Speed recorder](#)

[Wing Warrior](#)

[Woodland Scenics](#)

Venezuela

[Aerovenezuela](#)

Viet Nam

[KhiemTin Co., Ltd. \(VNH Line\)](#)

[Seagull Models](#)

[Serendipity Asia Ltd.](#)

[Vietnam Hobby Shop](#)

[Wooden Ship Models & Puzzle Boxes](#)

Ancient Celtic New Zealand ***

[Ancient Celtic NZ .#1](#)

[Ancient Celtic NZ .#2](#)

[Ancient Stump - some modern scientists infer could never exist.](#)

[Aspect of women in old NZ and how it might impinge on modern protocol on the Maori marae.](#)

[Auckland Isthmus Allignments](#)

[Clan MacFarlane origins?](#)

[European died in NZ long before white settlers](#)

[Historical Raglan Rocks being destroyed.](#)

[Land of Seals](#)

[Modern Celtic NZ](#)

[NZ - A Celtic country](#)

[NZ - Pyramid geometry](#)

[NZ Skeptics: re Celtic NZ claims.](#)

[Phonecians, Greeks, Celts visited NZ - "Radical" NZ History.](#)

[New World Celts](#)

[Suppression of NZ Pre-history](#)

[Waitangi Goings On \(?\)](#)

[The treaty was intended to be fair for ALL people in New Zealand - equally. Somebody and some schemers changed all that. Is Labour at fault?](#)

[ViewZone Magazine - Life and humanity from different angles.](#)

Cetacean watch - Dolphin, Orca and Whales + Kelly Tarlton's.

[Cetacean Watching - Discover whales & dolphins all over the world](#)

[Dolphin Research Institute](#)

[Kelly Tarlton's Antarctic Encounter & Underwater World](#)

[Maui's Dolphin and Hector's Dolphin](#)

[Orca - adopt an Orca -](#)

[Whale songs](#)

[Whale watch](#)

Chess

[Chenard. - a freeware chess program ***](#)

[Chess is Fun](#)

[Computer Chess - Amateur programs & info.](#)

[Free chess program downloads](#)

Halon Collider - LHC Compact Muon Solenoid Experiment Webcams

[LHC Compact Muon Solenoid Experiment Webcams](#)

NZ Holidays etc

[Angling - NZ](#)

[Britz Campervan Rentals Australia & New Zealand Motorhome, Recreational Vehicle & Car Hire](#)

[Camper Vans.co.nz](#)

[Holiday Accommodation Parks of New Zealand](#)

[Maps of NZ and the Pacific](#)

[Maori Language ~ Ngata Dictionary = translator](#)

[Maori Maps](#)

[Maui Motorhome & Car Rentals - New Zealand & Australia](#)

[Motel Apartment Accommodation in New Zealand](#)

[New Zealand Accommodation & Travel -- Visitor Information](#)

[New Zealand TravelPlanner - NZ Maps](#)

[NZmaps - Wises New Zealand's on-line street maps.](#)

[Queenstown Holiday Park Creeksyde](#)

[Relief Map of NZ](#)

[North Island of New Zealand road map](#)

[South Island of New Zealand road map](#)

[Webcams in New Zealand](#)

Super Bikes

[Britten Motorcycle ***](#)

[Marine Turbine Technologies - Y2K Turbine M/C](#)

[BMW](#)

[Honda Motorcycles](#)

[Motomail](#)

[Silver Bullet Motorcycle News](#)

[Superbike World Championship Official Site](#)

[VMX - Vintage & Evolution Motocross Home Page](#)

[Wing World Magazine](#)

Design, Layout, Headings and own articles linked this page Copyright Alan Tong 1998. All Rights Reserved.