



AEROMODELLERS
NEW SOUTH WALES



Not much difference between our models and the real thing?

Riggers examining the damage to the elevators of a Boulton-Paul Defiant Mk 1 of 264 Squadron RAF beside a hangar at Duxford, Cambridgeshire following a battle with German fighters over Dunkirk on 29 May 1940. Fighting against the Luftwaffe was a dangerous game for the Defiant. The damage was caused by a 20mm cannon shell.

Photo source - ©IWM CH 185

Contents

Contents	2
Diary Notes	3
Contacts.....	3
Aeromodellers NSW 2019/20 Calendar	4
Result of the AEFA Raffle to Support the Aussie F5J WC Team.....	5
Club News & General Interest.....	6
Springwood Nepean Model Aero Club – New Members Welcome	6
Famous Firsts in Aviation	7
Upcoming Events.....	17
Gosford City Aeromodellers Club – 2019 Regular Events.....	17
Coffs Coast R/C Flyers 3 rd Annual Fun Fly-In & Swap Meet – 7-9 June	18
Formula 1 National Air Races Round 2 – 8-9 June	19
Frank Bryant Memorial Warbirds & Civilian Scale Weekend – 29-30 June.....	20
Warialda Fun-Fly 2019 – 7-8 September	21
WMAC Scale Rally / Swap and Sell – 5-6 October	22
Warbirds Over Coffs – 2 nd Annual R/C Warbird Fly-In – 18-20 October.....	23
Invitational Scale Classic Downunder 2019 – 13-17 November	24
2020 Banjo Patterson Scale Rally – 22-23 February	25
For Sale	27

Diary Notes

Next Aeromodellers NSW Bi-Monthly Management Committee Meeting incorporating the 2019 Annual General Meeting.

Friday 14th June 2019, 8:00pm at Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.

Following Aeromodellers NSW Bi-Monthly Management Committee Meeting.

Friday 9th August 2019, 8:00pm at Dooley's Waterview Club, Cnr of Clyde Street and Silverwater Road, Silverwater.

Newsletter #418 (June 2019) deadline for submissions: **Friday 21st June 2019.**

Contacts

President	Tim Nolan	president@nsw.aeromodellers.org.au	0412 173 440
Vice Pres	Greg Hoy	vicepresident@nsw.aeromodellers.org.au	0417 284 615
Secretary	Clive Weatherhead	secretary@nsw.aeromodellers.org.au c/o Battery Business Unit 14, 3 Vuko Place Warriewood NSW 2102	0404 826 880
Treasurer/ State Field Officer	Steve Norrie	treasurer@nsw.aeromodellers.org.au	0418 874 740
Registrar	David Lewis	registrar@nsw.aeromodellers.org.au PO Box 7291, SOUTH PENRITH 2750	02 4736 2611 0439 264 220
Newsletter Editor	Rob Masters	editor@nsw.aeromodellers.org.au	0418 160 295
Public Relations Officer and Webmaster	Aranka Nolan	publicrelationsofficer@nsw.aeromodellers.org.au	0419 540 104
CFI	George Atkinson	cfi@nsw.aeromodellers.org.au	0414 972 118
Deputy CFI North	Martin Cochrane	deputycfi.north@nsw.aeromodellers.org.au	02 6658 2364
Deputy CFI South	Brendan Tucker	deputycfi.south@nsw.aeromodellers.org.au	02 6931 1025

Please forward any changes of mail or email address together with your AUS Number directly to the Registrar

Aeromodellers NSW 2019/20 Calendar

(Compiled 30 May 2019)

Unless otherwise advised Aeromodellers NSW Meetings are held the 2nd Friday of every other Month.

June 2019

2	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
8-9	2019 F1 National Air Races – Round 2	Cootamundra	Byron	0408 297 665
8-10	Coffs Coast R/C Flyers 3 rd Annual Fun Fly & Swap Meet	Coffs Harbour	Martin Cochrane	0423 691 150
9	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
14	Aeromodellers NSW General Mtg & Annual General Meeting - Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
15-16	Precision Aerobatics – hosted by Rebel	Hexham	Alastair Bennetts	0439 480 793
16	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
16	Gosford City Indoor Flying (1-5pm)	Niagara Park	Jaz Cooper	0411 053 339
23	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
29-30	NSWSAS Scale Comp	Taree	Anthony Ogle	0410 652 181
29-30	Frank Bryant Memorial Warbirds & Civilian Scale Weekend	Muswellbrook	Lindsay Muffett	0411 212 662
30	Wings over the Regatta Centre	Penrith	Tim Nolan	0412 173 440
30	Pylon Racing at Marulan (TBC)	Marulan	Peter Kearney	0407 013 230

July 2019

14	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
20-21	Precision Aerobatics – hosted by SMFC	North Nowra	Alastair Bennetts	0439 480 793
21	Gosford City Indoor Flying (1-5pm)	Niagara Park	Jaz Cooper	0411 053 339
28	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
28	Pylon Racing at Charles Kingsford Smith	Pitt Town	Peter Kearney	0407 013 230

August 2019

9	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
10-11	NSW Scale State Titles – hosted by COMSOA	Metford	Anthony Ogle	0410 652 181
11	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339
17-18	TARMAC 2019 Scale Rally	Tamworth	Larry Hoskins	0417 463 484
18	Gosford City Indoor Flying (1-5pm)	Niagara Park	Jaz Cooper	0411 053 339
23-25	Oily Hand Diesel Days	Cowra	Andy Lockett	02 6342 3054
25	Gosford City Float Planes	Kariong	Jaz Cooper	0411 053 339

September 2019

7-8	Warialda Fun-Fly 2019	Warialda	Allan Asquith	0415 735 461
14-15	Precision Aerobatics – hosted by GDA	Gunnedah	Alastair Bennetts	0439 480 793
22	Pylon Racing at Marulan (TBC)	Marulan	Peter Kearney	0407 013 230
29	Gosford City Indoor Flying (1-5pm)	Niagara Park	Jaz Cooper	0411 053 339

October 2019

5-6	Scale Rally and Swap Meet	Wagga	Tony McAtamney	0417 294 748
11	Aeromodellers NSW General Mtg Dooleys Waterview	Silverwater	Tim Nolan	0412 173 440
TBA	Precision Aerobatics – APA Championships	TBC	Alastair Bennetts	0439 480 793
12-13	NSWSAS Scale Comp - hosted by NAAS	Canberra	Anthony Ogle	0410 652 181
18-20	Warbirds Over Coffs	Coffs Harbour	Martin Cochrane	0423 691 150
19-20	Precision Aerobatics – hosted by CVRCMAS	Camden Valley	Alastair Bennetts	0439 480 793

November 2019

2-3	4th Annual Australian F5J Trophy	Cootamundra	Trevor Smith	0411 887 350
13-17	Invitational Scale Classic Downunder 2019	Cootamundra	Cheryl Rolfe cheza1954@iprimus.com.au	
23-24	Precision Aerobatics – hosted by CKSMAC	Pitt Town	Alastair Bennetts	0439 480 793

December 2019

1	Pylon Racing at Marulan (TBC)	Marulan	Peter Kearney	0407 013 230
---	-------------------------------	---------	---------------	--------------

February 2020

22-23	Orange MAC Annual Banjo Patterson Scale Rally	Borenore	Steve Smedley	0418 577 834
	Check out the 2019 Banjo Patterson Scale Rally at https://www.youtube.com/watch?v=M_4qCwOVhgU&authuser=0			

Result of the AEFA Raffle to Support the Aussie F5J WC Team

The AEFA raffle to support the Aussie F5J WC Team was drawn at the NEFR 2019 presentation at Cootamundra on the 22nd April. Congratulations to Robert Gunn, the winner of the \$2000 Flight Centre voucher.

As a result of this raffle the AEFA have made a donation of \$1000 to the Aussie F5J Team. At the NEFR presentation the donation was accepted by team manager Ladislav Safarik on behalf of the team of Andrew Meyer, Jim Houdalakis and Marcus Stent.

Thank you for your support of the raffle and we wish the team every success in the F5J World Championships in Slovakia in August 2019.

Regards....Trevor Smith

Club News & General Interest

Springwood Nepean Model Aero Club – New Members Welcome



The club is located at the base of the beautiful Blue Mountains in Castlereagh near Penrith and the club is currently open for new membership.

The Club has been operating at its current site for about 30 years; it has been supporting model flyers in the Penrith and Blue Mountains area since the early 60s.

The majority of members are "social fliers" and we fly most Saturday and Sundays mornings for the fun of it. We also have an Old Farts Flying group that meets on a Wednesday morning to fly.

The members fly a wide range of models from small electric, glow and larger gas planes. Also we have a number of members who have ventured in to the world of gas turbines.

Come out and visit the club on a Saturday or Sunday, weather permitting. If you are a current MAAA member bring a plane and have a fly with our current members.

Visit our website for directions to the field. www.snmac.com.au/contact.

There is also a contact form on the website if you want further details or if you would like additional information on the club send an email to Geoff Jones, Secretary of the club at secretary@snmac.com.au

Geoff Jones

Secretary

www.snmac.com.au

Famous Firsts in Aviation

Sourced from: <https://www.infoplease.com/math-science/aviation/famous-firsts-in-aviation>

1783

First balloon flight. Jacques and Joseph Montgolfier of Annonay, France, sent up a small smoke-filled balloon about mid-November.

First hydrogen-filled balloon flight. Jacques A. C. Charles, Paris physicist, supervised construction by A. J. and M. N. Robert of a 13-foot-diameter balloon that was filled with hydrogen. It got up to about 3,000 ft and travelled about 16 mi in a 45-minute flight (Aug. 27).

First human balloon flights. A Frenchman, Jean Pilítre de Rozier, made the first captive-balloon ascension (Oct. 15). With the Marquis d'Arlandes, Pilítre de Rozier made the first free flight, reaching a peak altitude of about 500 ft, and traveling about 5 1/2 mi in 20 min. (Nov. 21).

1784

First powered balloon. Gen. Jean Baptiste Marie Meusnier developed the first propeller-driven and elliptically shaped balloon-the crew cranking three propellers on a common shaft to give the craft a speed of about 3 mph.

First balloon flight by a woman. Mme. Thible, a French opera singer (June 4).

1793

First balloon flight in America. Jean Pierre Blanchard, a French pilot, made it from Philadelphia to near Woodbury, N.J., in just over 45 min. (Jan. 9).

1794

First military use of the balloon. Jean Marie Coutelle, using a balloon built for the French Army, made two 4-hour observation ascents. The military purpose of the ascents seems to have been to damage the enemy's morale.

1797

First parachute jump. André-Jacques Garnerin dropped from about 6,500 ft over Monceau Park in Paris in a 23-foot-diameter parachute made of white canvas with a basket attached (Oct. 22).

1843

First air transport company. In London, William S. Henson and John Stringfellow filed articles of incorporation for the Aerial Transit Company (March 24). It failed.

1852

First dirigible. Henri Giffard, a French engineer, flew in a controllable (more or less) steam-engine-powered balloon, 144 ft long and 39 ft in diameter, inflated with 88,000 cu ft of coal gas. It reached 6.7 mph on a flight from Paris to Trappe (Sept. 24).

1860

First aerial photographers. Samuel Archer King and William Black made two photos of Boston, which are still in existence.

1872

First gas-engine-powered dirigible. Paul Haenlein, a German engineer, flew in a semi-rigid-frame dirigible, powered by a 4-cylinder internal-combustion engine running on coal gas drawn from the supporting bag.

1873

First transatlantic attempt. The New York Daily Graphic sponsored the attempt with a 400,000-cubic-foot balloon carrying a lifeboat. A rip in the bag during inflation brought the collapse of the balloon and the project.

1897

First successful metal dirigible. An all-metal dirigible, designed by David Schwarz, a Hungarian, took off from Berlin's Tempelhof Field and, powered by a 16-horsepower Daimler engine, got several miles before leaking gas caused it to crash (Nov. 13).

1900

First zeppelin flight. Germany's Count Ferdinand von Zeppelin flew the first of his long series of rigid-frame airships. It attained a speed of 18 mph and got 31/2 mi before its steering gear failed (July 2).

1903

First successful heavier-than-air machine flight. Aviation was really born on the sand dunes at Kitty Hawk, N.C., when Orville Wright crawled to his prone position between the wings of the biplane he and his brother Wilbur had built, opened the throttle of their homemade 12-horsepower engine, and took to the air. He covered 120 ft in 12 sec. Later that day, in one of four flights, Wilbur stayed up 59 sec. and covered 852 ft (Dec. 17).

1904

First airplane manoeuvres. Orville Wright made the first turn with an airplane (Sept. 15); five days later his brother Wilbur made the first complete circle.

1905

First airplane flight over half an hour. Orville Wright kept his craft up 33 min., 17 sec. (Oct. 4).

1906

First European airplane flight. Alberto Santos-Dumont, a Brazilian, flew a heavier-than-air machine at Bagatelle Field, Paris (Sept. 13).

1908

First airplane fatality. Lt. Thomas E. Selfridge, U.S. Army Signal Corps, was in a group evaluating the Wright plane at Fort Myer, Va. He was up 75 ft with Orville Wright when the propeller hit a bracing wire and was broken, throwing the plane out of control, killing Selfridge and seriously injuring Wright (Sept 17).

1909

First cross-Channel flight. Louis Blériot flew in a 25-horsepower Blériot VI monoplane from Les Baraques near Calais, France, to Dover Castle, England, in a 26.61-mi (38-kilometer) 37-min. flight across the English Channel (July 25).

First International Aviation Competition Meeting. American Glenn Curtiss narrowly beat France's Louis Blériot in the main event and won the Gordon Bennett Cup. Meet held at Rheims, France (Aug. 22-28).

1910

First licensed woman pilot. Baroness Raymonde de la Roche of France, who learned to fly in 1909, received ticket No. 36 on March 8.

First flight from shipboard. Lt. Eugene Ely, USN, took a Curtiss plane off from the deck of the cruiser Birmingham at Hampton Roads, Va., and flew to Norfolk (Nov. 14). The following January he reversed the process, flying from Camp Selfridge to the deck of the armoured cruiser Pennsylvania in San Francisco Bay (Jan. 18).

First aircraft to take off from water. Henri Fabre in a Gnome-powered floatplane, at Martigues, France (March 28).

1911

First U.S. woman pilot. Harriet Quimby, a magazine writer, got ticket No. 37, making her the first licensed American female pilot.

1912

First woman's cross-Channel flight. Harriet Quimby flew from Dover, England, across the English Channel and landed at Hardelot, France, in a Blériot monoplane loaned to her by Louis Blériot (April 16). She was later killed in a flying accident over Dorchester Bay during a Harvard-Boston aviation meet on July 1, 1912.

First parachute jump from a powered airplane. Albert Berry jumped in a test over Jefferson Barracks military post, St. Louis (March 1). Some sources credit Grant Morton as making first jump in 1911.

1913

First multi-engined aircraft. Built and flown by Igor Ivan Sikorsky while still in his native Russia.

1914

First aerial combat. In Aug., Allied and German pilots and observers started shooting at each other with pistols and rifles-with negligible results.

1915

First air raids on England. German zeppelins dropped bombs on four English communities (Jan. 19).

1917

World's first black combat pilot. Georgia-born Eugene Jacques Bullard, denied entry into the U.S. Army Air Corps because of his race, served throughout World War I in the French Flying Corps. He received the Legion of Honour, France's highest honour, among many other decorations.

1918

First U.S. air squadron. The U.S. Army Air Corps made its first independent raids over enemy lines, in DH-4 planes (British-designed) powered with 400-hp American-designed Liberty engines (April 8). First regular airmail service. Operated for the Post Office Department by the Army, the first regular service was inaugurated with one round trip a day (except Sunday) between Washington, DC, and New York City (May 15).

1919

First transatlantic flight. The NC-4, one of four Curtiss flying boats commanded by Lt. Comdr. Albert C. Read, reached Lisbon, Portugal (May 27), after hops from Trepassy Bay, Newfoundland, to Horta,

Azores (May 16-17), to Ponta Delgada (May 20). The Liberty-powered craft was piloted by Walter Hinton.

First nonstop transatlantic flight. Capt. John Alcock and Lt. Arthur Whitten Brown, British World War I flyers, made the 1,900-mile trip from St. John's, Newfoundland, to Clifden, Ireland, in 16 hr., 12 min. in a Vickers-Vimy bomber with two 350-horsepower Rolls-Royce engines (June 15-16).

First lighter-than-air transatlantic flight. The British dirigible R-34, commanded by Maj. George H. Scott, left Firth of Forth, Scotland (July 2), and touched down at Mineola, L.I., 108 hr. later. The eastbound trip was made in 75 hr. (completed July 13).

First scheduled London-Paris passenger service (using airplanes). Aircraft Travel and Transport inaugurated London-Paris service (Aug. 25). Later the company started the first trans-Channel mail service on the same route (Nov. 10).

First free-fall parachute jump. Leslie Irvin jumped over McCook Field, Dayton, Ohio, to prove that one wouldn't lose consciousness during a delayed free-fall using a manually operated parachute (April 28).

1921

First U.S. black female pilot. Bessie Coleman received license June 15. She was killed April 30, 1926, in a flying accident.

First naval vessel sunk by aircraft. Two battleships being scrapped by treaty were sunk by bombs dropped from Army planes in demonstration put on by Brig. Gen. William S. Mitchell (July 21).

First helium balloon. The C-7, non-rigid Navy dirigible was first to use non-inflammable helium as lifting gas, making a flight from Hampton Roads, Va., to Washington, D.C. (Dec. 1).

1922

First member of Caterpillar Club. Lt. (later Maj. Gen.) Harold Harris bailed out of a crippled plane he was testing at McCook Field, Dayton, Ohio (Oct. 20), and became the first man to join the Caterpillar Club—those whose lives have been saved by parachutes.

1923

First nonstop transcontinental flight. Lts. John A. Macready and Oakley Kelly flew a single-engine Fokker T-2 nonstop from New York to San Diego, a distance of just over 2,500 mi in 26 hr., 50 min. (May 2-3).

First autogyro flight. Juan de la Cierva, a brilliant Spanish mathematician, made the first successful flight in a rotary wing aircraft in Madrid (June 9).

1924

First round-the-world flight. Four Douglas Cruiser biplanes of the U.S. Army Air Corps took off from Seattle under command of Maj. Frederick Martin (April 6). 175 days later, two of the planes (Lt. Lowell Smith's and Lt. Erik Nelson's) landed in Seattle after a circuitous route—one source saying 26,345 mi, another saying 27,553 mi.

1926

First polar flight. Then-Lt. Cmdr. Richard E. Byrd, acting as navigator, and Floyd Bennett as pilot, flew a Trimotor Fokker from Kings Bay, Spitsbergen, over the North Pole and back in 151/2 hr. (May 8-9).

1927

First solo nonstop transatlantic flight. Charles Augustus Lindbergh lifted his Wright-powered Ryan monoplane, Spirit of St. Louis, from Roosevelt Field, N.Y., to stay aloft 33 hr. 39 min. and travel 3,600 mi to Le Bourget Field outside Paris (May 20-21). Although 91 persons in 13 separate flights crossed the Atlantic before him, he flew directly between two great world cities and did it alone.

First transatlantic passenger. Charles A. Levine was piloted by Clarence D. Chamberlin from Roosevelt Field, N.Y., to Eisleben, Germany, in a Wright-powered Bellanca (June 4-5).

1928

First east-west transatlantic crossing. Baron Guenther von Huenefeld, piloted by German Capt. Hermann Koehl and Irish Capt. James Fitzmaurice, left Dublin for New York City (April 12) in a single-engine all-metal Junkers monoplane. Some 37 hr. later, they crashed on Greely Island, Labrador and were rescued.

First transarctic flight. Sir Hubert Wilkins, an Australian explorer, and Carl Ben Eielson, who served as pilot, flew from Point Barrow, Alaska, to Spitsbergen (mid-April).

First U.S.-Australia flight. Sir Charles Kingsford-Smith and Capt. Charles T. P. Ulm, Australians, and two American navigators, Harry W. Lyon and James Warner, crossed the Pacific from Oakland to Brisbane. They went via Hawaii and the Fiji Islands in a trimotor Fokker (May 31-June 8).

1929

First of the endurance records. With Air Corps Maj. Carl Spaatz in command and Capt. Ira Eaker as chief pilot, an Army Fokker, aided by refuelling in the air, remained aloft 150 hr. 40 min. at Los Angeles (Jan. 1-7).

First round-the-world airship flight. The LZ-127, known as the Graf Zeppelin, flew 21,300 mi in 20 days and 4 hr. Also set distance record (Aug.).

First blind flight. James H. Doolittle proved the feasibility of instrument-guided flying when he took off and landed entirely on instruments (Sept. 24).

First rocket-engine flight. Fritz von Opel, a German auto maker, stayed aloft in his small rocket-powered craft for 75 sec., covering nearly 2 mi (Sept. 30).

First South Pole flight. Comdr. Richard E. Byrd, with Bernt Balchen as pilot, Harold I. June, radio operator, and Capt. A. C. McKinley, photographer, flew a trimotor Fokker from the Bay of Whales, Little America, over the South Pole and back (Nov. 28-29).

1930

First Paris-New York nonstop flight. Dieudonné Costes and Maurice Bellonte, French pilots, flew a Hispano-powered Breguet biplane from Le Bourget Field to Valley Stream, L.I., in 37 hr., 18 min. (Sept. 2-3).

1931

First flight into the stratosphere. Auguste Piccard, a Swiss physicist, and Charles Knipfer ascended in a balloon from Augsburg, Germany, and reached a height of 51,793 ft in a 17-hr. flight that terminated on a glacier near Innsbruck, Austria (May 27).

First nonstop transpacific flight. Hugh Herndon and Clyde Pangborn took off from Sabishiro Beach, Japan, dropped their landing gear, and flew 4,860 mi to near Wenatchee, Wash., in 41 hr. 13 min. (Oct. 4-5).

1932

First woman's transatlantic solo. Amelia Earhart, flying a Pratt & Whitney Wasp-powered Lockheed Vega, flew alone from Harbor Grace, Newfoundland, to Ireland in approximately 15 hr. (May 20-21).

First westbound transatlantic solo. James A. Mollison, a British pilot, took a de Havilland Puss Moth from Portmarnock, Ireland, to Pennfield, New Brunswick (Aug. 18).

First woman airline pilot. Ruth Rowland Nichols, first woman to hold three international records at the same time-speed, distance, and altitude-was employed by N.Y.-New England Airways.

1933

First round-the-world solo. Wiley Post took a Lockheed Vega, Winnie Mae, 15,596 mi around the world in 7 days, 18 hr., 49 1/2 min. (July 15-22).

1936

First west-east transatlantic solo flight. Beryl Markham flew a single-engine Vega Gull from London to Nova Scotia in 21 hrs, 25 min. (Sept. 4-5).

1937

First successful helicopter flight. Hanna Reitsch, a German pilot, flew Dr. Heinrich Focke's FW-61 in free, fully controlled flight at Bremen (July 4). Ms. Reitsch was also the first woman civil and military aviation test pilot.

First woman known to fly combat. Sabiha Gokcen, Turkish female army pilot, bombed and strafed Kurdish tribesmen during a rebellion.

1939

First turbojet flight. Just before their invasion of Poland, the Germans flew a Heinkel He-178 plane powered by a Heinkel S3B turbojet (Aug. 27).

1940

First wartime use of military gliders. German commandos made a successful glider assault on Belgium's Fort Eben-Emael during WWII (May 10).

1941

The Royal Canadian Air Force (RCAF) creates the Canadian Women's Auxiliary Air Force. The RCAF is the first branch of the Canadian military to accept women.

1941-1945

Most combat missions flown by a pilot in any war. Captain Hans-Ulrich Rudel of Germany flew 2,530 combat missions during WWII while flying a JU-87 Stuka dive bomber. He survived the war.

1942-1945

Top-scoring fighter pilot of any war. German Luftwaffe ace Maj. Erich Hartmann scored 352 victories all while flying a Messerschmitt BF 109 during WWII. He was involved in 800 dogfights, and flew 1,425 missions. Maj. Hartmann survived the war.

1942

First enemy bombing of U.S. mainland. During WWII, a floatplane launched from a Japanese submarine off Cape Blanco, Ore., dropped incendiary bombs on the Oregon forest in two attempts to start forest fires and terrorize American civilians, but the bombs did little damage (Sept. 9 and 29).

First woman fighter pilot to shoot down an enemy aircraft. Soviet Lieutenant Lilya Litvyak, flying a Yak-1 fighter of the women's 586th Fighter Aviation Regiment, shot down two German planes over Stalingrad (Sept. 13).

First American jet plane flight. Robert Stanley, chief pilot for Bell Aircraft Corp., flew the Bell XP-59 Airacomet at Muroc Army Base, Calif. (Oct. 1).

1944

First production stage rocket-engine fighter plane. The German Messerschmitt Me 163B Komet (test flown 1941) became operational in June 1944. Some 350 of these delta-wing fighters were built before WWII in Europe ended.

1947

First piloted supersonic flight in an airplane. Capt. Charles E. Yeager, U.S. Air Force, flew the X-1 rocket-powered research plane built by Bell Aircraft Corp., faster than the speed of sound at Muroc Air Force Base, Calif. (Oct. 14).

1949

First round-the-world nonstop flight. Capt. James Gallagher and USAF crew of 13 flew a Boeing B-50A Superfortress around the world nonstop from Ft. Worth, returning to same point: 23,452 mi in 94 hr, 1 min, with four aerial refuellings en route (Feb. 27-March 2).

1950

First nonstop transatlantic jet flight. Col. David C. Schilling (USAF) flew 3,300 mi from England to Limestone, Maine, in 10 hr., 1 min. (Sept. 22).

1951

First solo across North Pole. Charles F. Blair, Jr., flew a converted P-51 (May 29).

1952

First jetliner service. The De Havilland Comet flight was inaugurated by BOAC between London and Johannesburg, South Africa. Flight, including stops, took 23 hr., 38 min. (May 2).

First transatlantic helicopter flight. Capt. Vincent H. McGovern and 1st Lt. Harold W. Moore piloted two Sikorsky H-19s from Westover, Mass., to Prestwick, Scotland (3,410 mi). Trip was made in five stops, with a flying time of 42 hr., 25 min. (July 15-31).

First transatlantic round trip in same day. A British Canberra twin-jet bomber flew from Aldergrove, Northern Ireland, to Gander, Newfoundland, and back in 7 hr., 59 min. flying time (Aug. 26).

1955

First transcontinental round trip in same day. Lt. John M. Conroy piloted an F-86 Sabrejet across U.S. (Los Angeles-New York) and back-5,085 mi-in 11 hr., 33 min., 27 sec. (May 21).

1957

First round-the-world nonstop jet plane flight. Maj. Gen. Archie J. Old, Jr., USAF, led a flight of three Boeing B-52 bombers, powered with eight 10,000-pound-thrust Pratt & Whitney Aircraft J57 engines around the world in 45 hr., 19 min; distance 24,325 mi; average speed 525 mph (completed Jan. 18).

1958

First transatlantic jet passenger service. BOAC, New York to London (Oct. 4). Pan American started daily service, New York to Paris (Oct. 26).

First domestic jet passenger service. National Airlines inaugurated service between New York and Miami (Dec. 10).

1963

First female pilot to fly faster than sound. British pilot, Diana Barnato Walker, flew at a speed of 1,262 mph, flying a two-seat R.A.F. Lightning fighter.

1968

Prototype of world's first supersonic airliner. The Soviet-designed Tupolev Tu-144 made its first flight, Dec. 31. It first achieved supersonic speed on June 5, 1969.

1973

First female pilot of a major U.S. scheduled airline. Emily H. Warner became employed by Frontier Airlines on Jan. 29 as second officer on a Boeing 737.

1976

First regularly scheduled commercial supersonic transport (SST) flights begin. Air France and British Airways inaugurated service (Jan. 21). Air France flew the Paris-Rio de Janeiro route; B.A., the London-Bahrain. Both airlines began SST service to Washington, D.C. (May 24).

1977

First successful human-powered aircraft. Paul MacCready, an aeronautical engineer from Pasadena, Calif., was awarded the Kremer Prize for creating the world's first successful human-powered aircraft. The Gossamer Condor was flown by Bryan Allen over the required 3-mile course on Aug. 23.

1978

First successful transatlantic balloon flight. Three Albuquerque, N.M., men, Ben Abruzzo, Larry Newman, and Maxie Anderson, completed the crossing (Aug. 16.; landed, Aug. 17) in their helium-filled balloon, Double Eagle II.

1979

First man-powered aircraft to fly across the English Channel. The Kremer Prize for the Channel crossing was won by Bryan Allen, who flew the Gossamer Albatross from Folkestone, England, to Cap Gris-Nez, France, in 2 hr., 55 min. (June 12).

1980

First successful balloon flight over the North Pole. Sidney Conn and his wife, Eleanor, in hot-air balloon Joy of Sound (April 11).

First nonstop transcontinental balloon flight, and also record for longest overland voyage in a balloon. Maxie Anderson and his son completed four-day flight from Fort Baker, Calif., to Matane, Quebec, in their helium-filled balloon, Kitty Hawk (May 12).

First long-distance solar-powered flight. Janice Brown, a 98-lb former teacher, flew a tiny experimental solar-powered aircraft, Solar Challenger, 6 mi in 22 min. near Marana, Ariz. (Dec. 3). The craft was powered by a 2.75-horsepower engine.

1981

First solar-powered aircraft to fly across the English Channel. Stephen R. Ptacek flew the 210-pound Solar Challenger at an average speed of 30 mph from Cormeilles-en-Vexin near Paris to the Royal Manston Air Force Base in southeast England in 5 hr., 30 min. (July 7).

1984

First solo transatlantic balloon flight. Joe W. Kittinger landed Sept. 18 near Savona, Italy, in his helium-filled balloon, Rosie O'Grady's Balloon of Peace, after a flight of 3,535 mi from Caribou, Maine.

1986

First nonstop flight around the world without refuelling. From Edwards AFB, Calif., Dick Rutan and Jeana Yeager flew in Voyager around the world (24,986.727 mi), returning to Edwards in 216 hr., 3 min., 44 sec. (Dec. 14-23).

1987

First transatlantic hot-air balloon flight. Richard Branson and Per Lindstrand flew 2,789.6 mi from Sugarloaf Mt., Maine, to Ireland in the hot-air balloon Virgin Atlantic Flyer (July 2-4).

1993

First woman to co-pilot a commercial supersonic plane. Barbara Harmer, British Airways, flew as first officer on the Concorde from London to New York City (March 25).

1995

First solo transpacific balloon flight. Steve Fossett made a flight of more than 5,430 mi from Seoul, South Korea, to Leader, Saskatchewan, Canada, in a helium-filled balloon. Also set record for distance (Feb. 18-21, 1995).

1998

First U.S. female combat pilot to bomb an enemy target. On Dec. 16, Lt. Kendra Williams, USN, bombed enemy targets over Iraq during Operation Desert Fox.

1999

First nonstop round-the-world balloon flight. Bertrand Piccard (Switzerland) and Brian Jones (UK) flew 28,431 mi (45,755 km) from Chateaux d'Oex, Switzerland, to Dakhla, Egypt, in 19 days, 21 hr., and 55 min. (March 1-21).

2001

First solar-powered flight to shatter altitude records. NASA's solar-powered propeller-driven plane Helios reached an altitude of 96,500 ft during a flight over Hawaii, breaking not only the 80,200-foot record for propeller-driven aircraft, but the 85,068-foot mark for all nonrocket aircraft as well (Aug. 13-14).

2002

First solo nonstop round-the-world balloon flight. Steve Fossett (U.S.) flew from Northam, West Australia, to Lake Yamma, Queensland, Australia, landing after 14 days, 19 hrs. He broke three balloon records along the way: fastest time around the world, measured by crossing 117° East longitude (13 days, 3 min.), longest distance flown solo (20,483.25 mi; 32,963.35 km), and longest time flown solo (355 hrs, 50 min.) (June 19-July 3).

2004

First non-stop 10,000-mile-plus passenger airline flight. Singapore Airlines launched a non-stop 18 1/2 hour, 10,335-mile flight on the long-range Airbus 340-500 between Singapore to Newark, New Jersey (June 28-29). (To date, the world's longest nonstop commercial flight took place on Nov. 10, 2005. A Boeing 777-200LR Worldliner flew from London to Hong Kong [13,422 miles] in 22 hrs, 43 min.)

2005

First nonstop solo flight around the world without refuelling. From Salina, Kansas, Steve Fossett flew the Virgin Atlantic Globalflyer 22,878 mi around the world, arriving back in Kansas 67 hrs later (Feb. 28-March 3).

2007

Youngest and first black pilot to fly solo around the world. From Miami Gardens, Florida, Barrington Irving flew a Columbia 400 plane named Inspiration around the world in 96 days, 150 hours (March 23-June 27).

Upcoming Events

Gosford City Aeromodellers Club 2019 Regular Events - All Welcome Electric Float Planes



GCAC has a freshwater float plane site in the Mt Penang complex at Kariong

7 to 11am, \$5 to fly.

Sunday June 2nd
Sunday June 23rd
Sunday July 14th
Sunday July 28th
Sunday August 11th
Sunday August 25th

Indoor Flying

Niagara Park Stadium,
Narara Valley Drive, Niagara Park

\$15 for an afternoon of indoor fun
in two combined basketball courts

Sunday June 16th 1-5pm
Sunday July 21st 1-5pm
Sunday August 18th 1-5pm
Sunday September 29th 1-5pm

For more information on GCAC
visit www.gcac.org.au,
email secretary@gcac.org.au or call Jaz Cooper on 0411 053339 for more information





COFFS COAST R/C FLYERS Inc

3rd Annual FUN FLY-IN
& SWAP MEET.

Public Invited

Powered
Camping Sites.
Full Toilet Facilities.

Open Flying All Week-End
\$20 One Off Fee Per Pilot.

Canteen all Week-end
Tea & Coffee Free
To All Pilots.

MAAA Members Only.

Contact Martin Cochrane 0266582364 or 0423691150 email mwc.scale@bigpond.com
Field Location 16km North of Coffs Harbour at the Clay Target Club.

Pilots Brief 8:30 Each Day. **Flying Starts From 9am Each Day**

MOP CERT Will Be Sited.

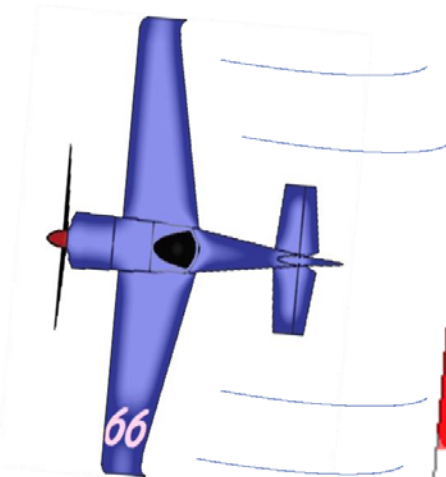
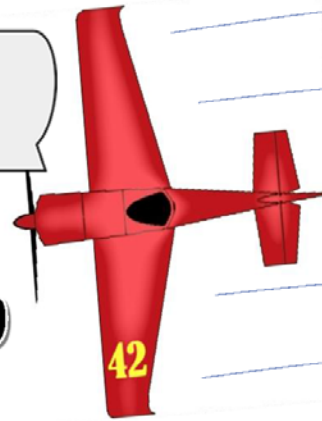
ON 7-8-9 June 2019 AT Coffs Harbour

F1NAR

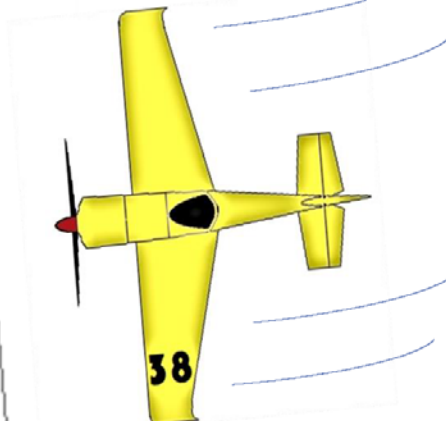
Presents:

Round 2 of the 2019

Formula 1 National Air Races



**NSW State
Field
4876
Gundagai Rd
Cootamundra**



**All classes from beginners
to seasoned racers:**

- Red Bull (Entry Level)
- F2 (Entry Level)
- Texan
- Reno
- F1
- Golden Era

Supporters:



Aviation Hobbies

8-9 June

(PUBLIC HOLIDAY Monday 10th)

2019

Field open to practise Friday

Free flying with poles still up Monday for anyone that wanted to try the track out without the pressure of competition, or just a general fly for fun.

For more information check out www.F1NAR.com

Email: nitro2burn@bigpond.com

Phone: Byron 0408297665

Muswellbrook District Model Aero Sports Inc.

Invites you to attend

FRANK BRYANT MEMORIAL WARBIRDS & CIVILIAN SCALE WEEKEND 29 & 30 June 2019

Any scale, semi-scale or stand-off scale model welcome (civilian or military, - if it looks anything like the real thing, bring it along!) --Flyers of all ages welcome – FF/RC/CL sites available. Unpowered camping available at the field for a donation of \$5 per site per night from 1200 hours Friday, 28 June – Sunday night camping by arrangement, (no fires permitted on the field – toilets & cold water available, -- sorry, no showers). -- Entry for the weekend by a \$5 donation per flyer. -- Current MAAA cards & large model permits (if applicable) MUST be shown on the day when registering. – Canteen will be running Saturday & Sunday. -- No formal events, just fly for fun or come along & have a “natter” & “catch up”. -- Buy, sell & swap welcome. -- Flying times are: C/L 0800 hours until dark both days, F/F 0700 to 0930*, & 1630 until sunset* both days, R/C from 0930 hours to 1630* hours both days. (*times may vary depending on weather conditions and/or interest) – No night flying. -- Attendees are responsible for the proper removal of all personal rubbish.

Where?

Mitchell-Hill Field, New England Highway, -- approx. 6kms south of Muswellbrook NSW, -- approx. 1km. south of Muscle Creek Road (field open from 1200 hours Friday, 28 June to late afternoon Sunday, 30 June)

Contact:

Lindsay Muffett (Event Organiser) on 6545 2501 or 0411 212662, email lin-ann@bigpond.com

or

Peter Wheeler-Smith (Secretary) on 0417 012611, email wheelersmith@bigpond.com, or “snail mail” to 34 Towarri Street Muswellbrook 2333

WARIALDA FUN-FLY 2019

7th & 8th SEPTEMBER

Place of Wild Honey



The Warialda Fun-Fly is on again in 2019.

The Warialda Flying Field is located

@ The Warialda Airstrip,

Airport Rd off Long Street, Warialda NSW.

Flying all day Saturday 7th + night flying & Sunday 8th September 2019.

MAAA affiliated pilots ONLY.

Only \$10 pilot fee, any number of aircraft.

\$5 camping fee all weekend. Warialda Lions Club daytime catering all weekend.

Shower & Toilets available.

Gold coin entry fee for the general public.

Reedy Creek Café for dinner Saturday Night, numbers please.

Prizes awarded for fun-fly events.

For more information contact Barry Power 0427885058,

Allan Asquith 0415735461, aasquith1953@gmail.com

or Andrew McLane 0419527371



The Warialda Fun-fly is proudly supported by **Helen & Allan Rose & family,**

Roger Moore, The Sunflower Motel, Warialda Newsagency, Warialda Post Office,

Bizclean & JA McGregor.

SWAP MEET

Bring your unwanted or preloved RC stuff, engines, planes, radio gear, whatever you like, & join in the fun @ The WARIALDA Fun-Fly





SCALE RALLY



PILOT'S CHOICE FOR MODEL OF THE MEET

2019

SATURDAY 5th & SUNDAY 6th OCTOBER

WAGGA MODEL AERO CLUB Inc.



FUN FLY LONG WEEKEND

CAMPING AVAILABLE \$15 PER NIGHT

NON POWERED SITES ONLY

SHOWERS AND TOILETS

CANTEEN WILL OPERATE BOTH DAYS - HOT FOODS

ENTRY FEE COVERING FLYING AND SWAP SELL \$25

SELL OR SWAP FROM YOUR CAR OR YOUR OWN TABLE

SWAP AND SELL

PERPETUAL TROPHY

ENTRY FORMS AVAILABLE ON CLUB WEBSITE waggamac.org.au

NOTICE BOARDS AVAILABLE FOR SWAP OR SELL LISTS

CONTACTS

TONY McATAMNEY 0417294748 OR 02 69331388 OR maccat4@bigpond.com

BRIAN THOMSON 02 69223941 OR briandt_99@bigpond.com

WARBIRDS

OVER COFFS

Open
flying
all
week-
end



2nd

ANNUAL
R/C WARBIRD
FLY-IN

Small
electric
to large
gas bring
it along.

Presented By
COFFS COAST R/C FLYERS

11 categories to enter



Fri 18th, Sat 19th, and Sun 20th October 2019.

Come & be a part of the largest Warbird event in Northern NSW. 220m x 30m runway of short grass. Large pit area. Electricity for charging. Powered camping/RV site available @\$10 per site, per day. Large overnight model storage. One off \$25 nomination fee, per pilot. Pilot brief 9am on all 3 days. MAAA & ANSW affiliated members only. MOP certificates will be sited. Field located at the Coffs Clay Target Club, 16km North of Coffs Harbour Contact Martin 0423691150 or email, mwc.scale@bigpond.com & Geoff 0428665232

INVITATIONAL SCALE CLASSIC

NSW STATE FLYING FIELD
COOTAMUNDRA
13th to 17th November 2019



MASTERS



 **Team**



 **Pro-Expert**



 **Expert**



 **Fly-Only**

Camping at the field - Toilets / hot Showers
Saturday Gala Prize Night & Presentation

Contact :- Cheryl Rolfe
cheza1954@iprimus.com.au

DOWNUNDER 2019



The Orange Model Aircraft Club was formed in 1929 - two years after Lindberg flew alone across the Atlantic, and only one year after Charles Kingsford Smith and his crew made the first hazardous aerial crossing over the Pacific. It was the dawn of aviation's Golden Age.

22nd & 23rd February 2020

BANJO PATTERSON SCALE RALLY

We welcome all modellers to our premier event for 2020.

The weekend is not a full on competition , but a gathering of modellers with varying scale models, having a fantastic time of general flying, and great camaraderie.

We have a fantastic flying envelope with a 2000ft ceiling height and 1000 meters laterally, so more than enough air space for all size models.

Camping is available at our field (no showers available)

Tea and coffee are available all the time, with cold drinks and food available at lunch times. And do not forget the full sit down OMAC Breakfast on Sunday morning, looking out over our spectacular view we have from our club house.

We look forward to catching up with you all.

Program

Saturday 22nd February 2020

- 7.30: Facilities opened up.
- 10.00: Welcome & Pilot briefing.
- 10.00 to 12.30: General flying
- 12.30pm: BBQ lunch served.
- 1.00 to 4.00: General flying.

Sunday 23rd February 2020

- 8.00 to 9.00: The OMAC Sit down Breakfast
- 9.00 to 10.00: General flying.
- 10.00. Judging of models by pilots.
- 10.30: Presentation of Trophies.
- 10.30 to 12.00: General Flying.
- 12.00: BBQ lunch served.
- 1.00 to 4.00: General Flying

Go to YouTube and copy and paste the following links for Banjo 2019

https://www.youtube.com/watch?v=M_4qCwOVhqU&authuser=0

<https://www.youtube.com/watch?v=GoXkkz1fkdE&authuser=0>

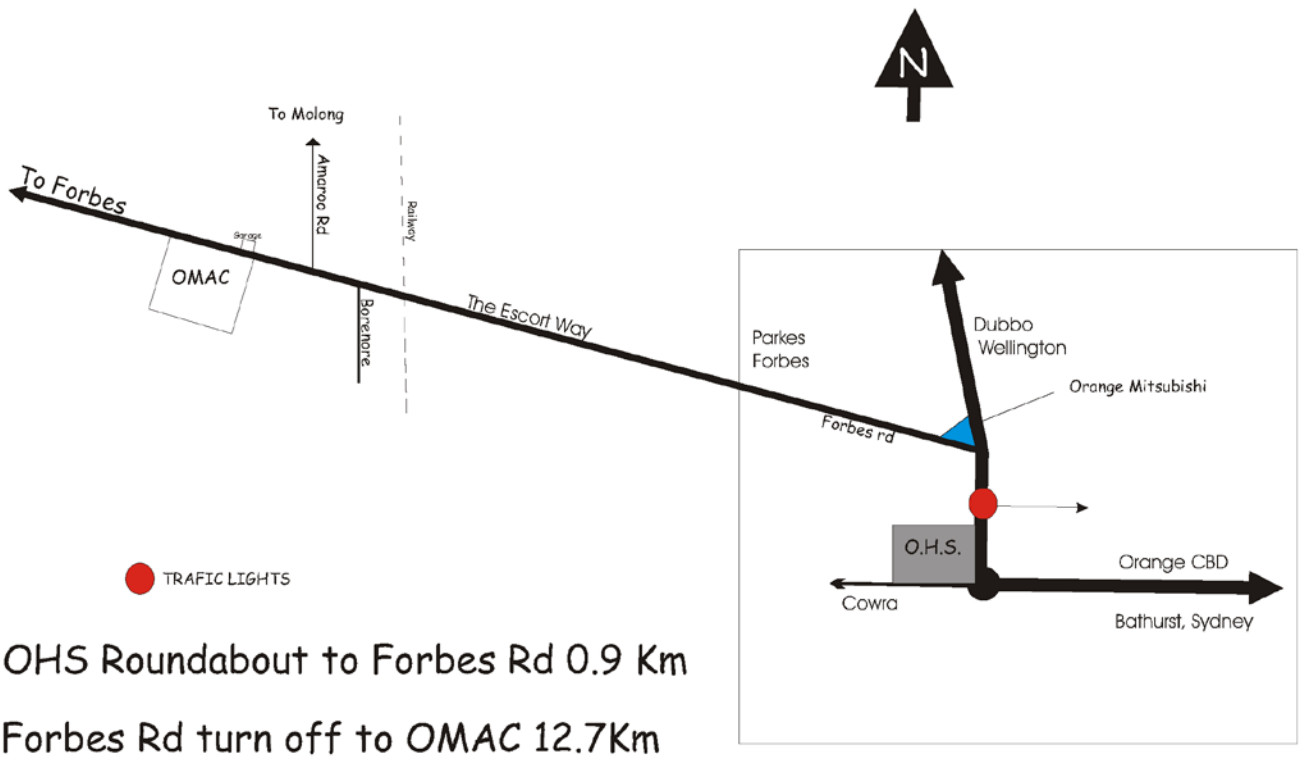
Contacts:

Norm Barnes: 0448 099 975

Steve Smedley: 0418 577 834

Website: omac.org.au

2020 Banjo Patterson Scale Rally Location



For Sale

Multiplex Heron 2.4 metre wingspan RR version glider.



This is a great model in absolutely pristine condition and would suit new buyer.

The Model is the RR version (receiver ready) which means it came with top quality German components i.e Motor, speed controller, servos and push rod controls. All you need to get flying is a receiver.

I have flown this model only twice but am forced to sell due to eye problems. The performance of this model is astonishing and typical of Multiplex models. I am offering this model at a really good price so be quick.



Price \$350.00 (current price from Model Flight \$568.99 but no stock)

Contact me Ron Jenkins (Port Macquarie NSW 2444)

Phone 02 6584 4175

Mobile 0442 025 837

Email sylron7@gmail.com

**Deadline for submissions to Newsletter #418
(June 2019) is
Friday 21st June 2019.**

*Please forward any changes of mail or email address together with your
AUS Number directly to the Registrar.
dave.lewis@internode.on.net*