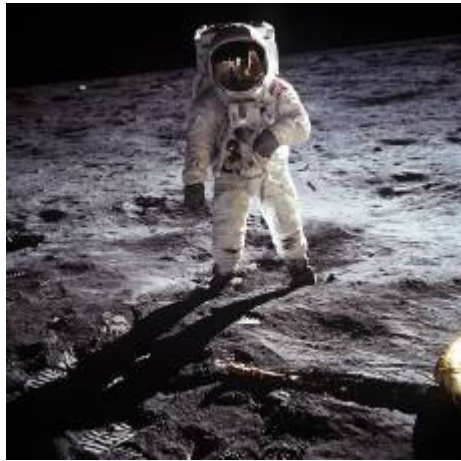


the powerhouse OPEN DAY: discoverycentre SATURDAY 11th JULY COLLECTION STORES AT CASTLE HILL FLIGHT: AIR & SPACE



Images l-r: Astronaut on the Moon. Image courtesy of NASA; French Gnome aero engine, Powerhouse Collection; Australian Defender CAC Boomerang. Artist John Stewart Jones.

Join us on Saturday 11th July when the Powerhouse Discovery Centre celebrates 'first flights'—from early Australian aviation triumphs to the 40th anniversary of the Apollo moon landing. Highlights of the day include illustrated lectures by Powerhouse curators marking the anniversary of the Apollo landing and Australian aviation firsts, as well as a lecture by renowned vintage aircraft restorer and pilot, Dr Roy Fox, 'the Flying Orthodontist'. Aviation enthusiasts will have the opportunity to meet aviation artist John Stewart Jones. There are opportunities to go behind-the-scenes to tour significant aviation and space-related objects in the Museum's collection and our younger visitors can decorate a beautiful hot air balloon cut-out to take home.

OPEN DAY PROGRAM ~ 10.00am—4.00pm

ILLUSTRATED LECTURES

'Apollo to the Moon: A 40th Anniversary Retrospective' 11.30am (Duration: 30 minutes)

Presented by Powerhouse Curator of Space Technology, Kerrie Dougherty

Forty years ago, on July 21, 1969, the Apollo 11 mission landed on the Moon and astronaut Neil Armstrong became the first human being to set foot on another world. In celebration of this historic event, the Powerhouse Museum's Curator of Space Technology, Kerrie Dougherty, will present a brief history of the Apollo Moon program and how, in just eight short years, it achieved the goal of a lunar landing set by US President Kennedy in 1961 and effectively won the Cold War Space Race for the United States. *FREE with Open Day admission.*

'1920s and 1930s Aircraft That I Have Owned and Flown' 12.30pm (Duration: 30 minutes)

Presented by Dr Roy Fox—'The Flying Orthodontist'

Dr Roy Fox is a celebrated vintage aircraft restorer and pilot. For this illustrated lecture, Roy will focus on aviation history of the 1920s and 1930s, the famous people who flew aircraft during this period and the people behind-the-scenes who kept the aircraft in the air. Roy Fox is a local Hills resident with an orthodontist practice in Baulkham Hills. Dubbed the 'Flying Orthodontist', Roy is a passionate aircraft collector and has his own private airfield at his property in the Hawkesbury. *FREE with Open Day admission.*

'Australian First Flights' 1.30pm (Duration: 30 minutes)

Presented by Powerhouse Curator of Transport, Ian Debenham

Join Powerhouse Curator of Transport, Ian Debenham, for an insightful illustrated lecture providing an explanation of why the history of the first flight in Australia has been debated for so long. Since its first publication in 1925, and until 1965, the Australian Encyclopaedia informed its readers that the first powered flight in Australia was made by the famous American escapologist, Harry Houdini (real name Ehrich Weiss), on March 18th, 1910 at Diggers Rest, Victoria. In 1965, the encyclopaedia was revised crediting Adelaide resident, Fred Custance, with the first flight, on March 17th, 1910 at Bolivar, near Adelaide. Research has recently shown that neither of these two gentlemen can continue to be credited with this achievement. The first controlled, powered free flight in an aircraft in Australia took place at Victoria Park racecourse in Sydney on December 9th, 1909, piloted by a young Englishman by the name of Colin Defries. For this lecture, Ian Debenham will be joined by Zaniah Carigiet-Defries, granddaughter of Colin Defries, who will provide a personal insight into the career and achievements of her grandfather. *FREE with Open Day admission.*

OBJECT SHORT TALK

Bonney and Bird: Famous Australian Aviatrixes 11.00am

Join Discovery Centre volunteer and former NSW President of the Australian Women Pilots' Association, Judy Rainsford, for a talk on a selection of objects on display that relate to the celebrated Australian aviatrixes, Nancy Bird AO OBE and Lores Bonney. *FREE with Open Day admission.*

BEHIND-THE-SCENES TOUR

Behind-The-Scenes Tour Price: \$16/\$10 concession (includes Open Day admission). Limited to visitors aged 12 and over. Conditions apply. As spaces on the Behind-the-Scenes Tours are strictly limited, pre-booking is essential.

Flight: Air and Space: 10.00am, 12.15pm or 2.30pm (Duration: 60 minutes)

Join Powerhouse Curators, Kerrie Dougherty (Space Technology) and Ian Debenham (Aviation), for a very special behind-the-scenes tour of stored collection objects not normally accessible to the public. Highlights of the tour will include a full-size replica of the Mercury spacecraft *Friendship 7*, in which US astronaut John Glenn became the first American to orbit the Earth (February 1962); a nosecone from a Skylark sounding rocket; a Goldfinch IIC booster rocket recovered from the Woomera Rocket Range; a high pressure gas container from a SPARTA rocket; the newly acquired 1930 Genairco biplane, made famous by barnstormer pilot Goya Henry who flew the plane under the Sydney Harbour Bridge and the Museum's world-class collection of early aero engines. Highlights of the aero engine collection include the All British Company ABC 'Wasp' 7 cylinder radial engine; a French 'Le Rhone' and 'Gnome'; the American 'Liberty' engine—perhaps their greatest aviation contribution to WW1; the rare Whittle W2/700 Turbojet that powered Britain's first jet aircraft; the Gloster E 28/39 and a Rolls Royce Merlin, deemed the most famous aero engine of all.

Please note that due to the location of these stored objects, this tour is not accessible for disabled visitors or visitors with limited mobility. Maximum 20 participants per tour.

DISPLAY AND DEMONSTRATION

Aviation Artist: John Stewart-Jones 10.00am—2.00pm

John Stewart-Jones has worked in the aircraft industry for over 40 years. As a design draughtsman, John has worked for a number of large U.K. and Australian aircraft companies specifically on the initial design of aircraft and missiles such as the TSR 2, the Hawker Siddeley HS 125, the GAF 'Nomad', the AAC 'Wamira', the McDonnell Douglas MD 900 Explorer and the anti-submarine 'Ikara' Missile. John is a recognised Flight Test Observer, a pilot with over 3,500 hours experience flying single and twin-engine aircraft, and also an accomplished aerobatic pilot who has instructed advanced aerobatics on the Pitts Special. For the Open Day, John will demonstrate his pencil and charcoal technique and display some of his completed works. *FREE with Open Day admission.*

DISPLAY

The Catalina Flying Boat Memorial Ltd 10.00am—2.00pm

The Catalina Flying Boat Memorial Ltd was originally founded by members of the Seaplane Pilots Association of Australia, to raise funds to buy, restore and operate a PBY Catalina aircraft to eventually be based at Rathmines on the shores of Lake Macquarie, NSW. The Catalina Flying Boat Memorial Ltd is a non-profit organisation supported by a dedicated team of volunteers. For the Open Day, the Catalina Flying Boat Memorial Ltd will display a range of Catalina memorabilia, a beautiful model of a Catalina Flying Boat, and a range of Catalina-related merchandise for sale. *FREE with Open Day admission.*

KIDS ACTIVITY

Up, Up and Away! Beautiful Hot-Air Balloons 10.00am—1.00pm

Young visitors can enjoy this make-and-do activity to cut out, assemble and decorate a hot-air balloon paper mobile to take home. *FREE with Open Day admission.*

STORYBOOK ACTIVITY & DISCOVERY TRAILS

Young visitors can create their own personalised storybook of their visit to the Powerhouse Discovery Centre with stories, drawings and stickers as a souvenir to share with friends and family. Enjoy our self-completion activity trails that take young visitors on a journey of discovery, focused on critters and creatures, or wheels or wings in the Display Store. Suitable for visitors 4–10 years. Bookings not required. *FREE with Open Day admission.*

HIGHLIGHTS TOURS

The Display Store: 12.30pm or 1.30pm (Duration: 30 minutes). *FREE with Open Day admission.*

ROTARY CLUB OF BEROWRA

The Rotary Club of Berowra will host a fundraising barbeque food stall (10.00am—2.00pm).

OPEN DAY HOURS: 10.00am—4.00pm.

OPEN DAY ADMISSION: \$8 adult / \$5 concession/ child / seniors and pensioners, \$25 family (2 adults + 2 children). Free entry to PHM Members and children under 4.

PARKING AND ACCESS: On-site parking available. Vehicle and pedestrian entry via 172 Showground Road, Castle Hill.

For further information or to make a booking please contact us on 02 9762 1300. castlehill.powerhousemuseum.com.

Principal sponsor



the powerhouse
discovery centre
COLLECTION STORES AT CASTLE HILL

