

Plane Torque

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Hello Vertii!



Vertii eVTOLs could be using Archerfield Airport for refuelling and MRO operations during the Brisbane Olympics.

AMSL Aero will explore the development of liquid hydrogen refuelling at Archerfield Airport to support its Vertii eVTOL aircraft, as part of an agreement between the two companies inked at the Avalon Airshow this month.

The Memorandum of Understanding (MoU) follows the successful first free flight of AMSL Aero's Vertii - Australia's first passenger-capable, emissions-free, long-range eVTOL aircraft - in November.

Liquid hydrogen refuelling infrastructure is a key step to enabling Vertii aircraft to visit and operate from Archerfield. AMSL Aero and Archerfield Airport will also collaborate to develop eVTOL maintenance, repair and overhaul (MRO) capability at Archerfield.

Archerfield's Executive General Manager-Operations, Rod Parry, said Vertii's 1,000km range meant the airport was perfectly placed to support their operations.

"Archerfield has taken a very proactive stance in supporting and facilitating the development of advanced air mobility and we are delighted to be working closely with AMSL Aero, Australia's home-grown aerospace company," he said.

"Whatever way you look at it, Archerfield is in a prime position to capitalise on this technology. Geographically, we're close to Brisbane's CBD, major regional centres and three 2032 Olympic and Paralympic zones. We have some of Australia's best general aviation infrastructure and the expertise and experience - since 1931! - to help turn aviation visions into reality.

"Archerfield is the perfect partner to develop MRO facilities for advanced air mobility."

AMSL Aero Chairman Chris Smallhorn praised Archerfield Airport's ongoing commitment to aviation innovation.

"This MoU lays the foundation for zero-emissions aviation throughout Queensland and at the Brisbane Olympics," he said. "We envisage fleets of Vertii's flying passengers non-stop from Sydney to the Olympic stadium in Brisbane in less than 3.5 hours door-to-door, and ferrying passengers and athletes to and from events, beating the traffic."

With a cruising speed of 300km/h, a 500kg payload, 10-minute refuelling time and whisper-quiet 65-70 decibel operation, hydrogen-powered Vertii's promise exciting new options for passenger, cargo, aeromedical, even firefighting applications.

You Can't Miss It!

Construction has started on Archerfield Airport's latest aviation development: the high-profile Hangar 101, prominently located on Ditchmen Avenue.

The 4,000m² complex comprising two purpose-built hangars will support charter and maintenance operations, accommodating Code C fixed-wing aircraft with tail heights up to 8.5 metres and door openings up to 40 metres. Crucially, the hangars are fire-sprinkled so fuelled aircraft can be safely parked inside, ready to be deployed on time-critical missions.

This premium aviation facility offers unbeatable exposure with landside access for VIP drop-off via busy

Beatty Road and Ditchmen Avenue, and direct airside access to Archerfield's recently upgraded Eastern Apron and main runway - part of the airport's \$20 million infrastructure renaissance - all located less than 11 kilometres from Brisbane's CBD. Completion is expected in December.

For more information on this exciting project, **call George Delibaltas on 0408 692 860 or email george.delibaltas@archerfieldairport.com.au.**

It will be hard to miss Hangar 101 on Ditchmen Avenue.





A Message from the Executive General Manager

The advanced air mobility vision is starting to take shape here at Archerfield with our agreement with AMSL Aero paving the way for its Vertiia aircraft to use our airport, and Endua bringing new fuel options. Technology is transforming our industry, offering opportunities that seemed fanciful only a few years ago.

But it's not just about advanced air mobility. Airways Aviation is helping meet international demand for pilots with a new campus at Archerfield, Hangar 101 will soon provide high-tech hangarage for Code C aircraft, and the launch of Queensland's expanded Police

State Flying Squad illustrates Archerfield's central role in emergency aviation.

These are exciting times – perhaps the most exciting since the golden age of the 1930s – but, as always at Archerfield, it's about community. Thanks for the role you play in keeping our airport at the forefront of Australian general aviation as we gear up for an exciting future.

Sincerely,

Rod Parry
Executive General Manager Operations

Fuelling Future Aviation

Australian clean-tech company Endua successfully deployed its hydrogen power bank system at Archerfield Airport in February, part of the company's launch of its innovative electrolyser technology.

Endua CEO Paul Sernia said the company's electrolyser enabled on-site hydrogen production and its power bank system provided reliable clean energy storage.

"Electrolyser technology allows Endua to build plug-in-and-play systems for

different businesses to produce their own hydrogen on-site," he said. "Think of it as a mini hydrogen factory."

Endua's technology can help replace complex supply chains, allowing businesses to generate hydrogen where and when they need it.

"And, because our systems are built and certified to Australian standards, businesses avoid unknown technical that can lead to expensive delays," Mr Sernia said.

Archerfield Airport Joint Managing Director Lachlan Bird said he was delighted to welcome Endua to the airport community. "Throughout its 94-year history, Archerfield Airport has frequently been at the forefront of emerging aviation technology," he said.

"We look forward to facilitating the next aviation evolution which promises clean, green, fast, safe and quiet transport options for a wide range of applications."

Endua's power bank technology lands at Archerfield Airport.



Giving Women Wings

Airways Aviation's Chief Executive Officer Australasia and Pacific Janet Dalby hopes the company's new campus at Archerfield Airport will become a launch pad for women entering the aviation sector.

"I'm absolutely passionate about encouraging more women into the industry," she said.

The Archerfield school opened on 20 March and its 150 new training places are filling quickly with students enjoying a wide range of training options utilising Airways Aviation's modern and diverse fleet.

Ms Dalby said the Archerfield school would complement the company's Australian campuses at the Gold Coast and Lismore, giving local and international students more aviation options, opportunities and experiences.

"We work closely with Airways Aviation schools in Dubai, India and China so international students can do part of



Janet Dalby has sky-high ambition for women aviators.

their course in their country and then come to us for the remainder," she said. "For those wanting to get a CASA licence, Archerfield's a great place to train."

The prospects for graduates have never been better as the aviation sector powers back after Covid and Airways Aviation is actively targeting female students.

"There's a huge shortage of pilots worldwide so for students wanting to get into the industry, this is the ideal time," Ms Dalby said.

"We're trying to keep up with demand, especially in Europe, where the airlines are now realising they need to do something to boost recruitment

because airlines from other parts of the world are being quite aggressive in the way they're recruiting."

Ms Dalby recently received a Champion of Education Award at the Gold Coast Bulletin Women of the Year Awards for her leading role in boosting female participation in the traditionally male-dominated aviation sector. On this issue, Airways Aviation puts its money where its mouth is: to celebrate International Women's Day on 8 March, the company launched its NextGen Women Aviators Global Scholarships, valued at €500,000. Over the past decade, Airways Aviation has sponsored more than €1 million in scholarships. In Australia, Airways Aviation is offering three scholarships through the Women in Aviation program.

Transition Update

Transition Estate welcomed Zeder Corporation - the merged entity of Fulcrum Suspensions and Redranger - to site 580A in February, with the company taking a 10-year lease on the 5,000m² facility, half of a 10,000m² duplex-style industrial complex on Transition Drive. Zeder Corp is the world's largest manufacturer of automotive polyurethane bushing and related accessories, and Australia's largest automotive steering and suspension business.

Meanwhile, work on the Beaufighter Avenue extension is progressing fast. Watch this space for updates.

Spoilt for Spitfires

Members of the Aviation Historical Society of Australia (Queensland) and the Royal Queensland Aero Club were treated to not one but two Spitfires at the AHSA (Qld)'s 2024 end-of-year gathering at Archerfield Airport. The British single-seat fighters are amongst World War II's most iconic warbirds and were pivotal in winning the Battle of Britain in 1940-41. Aviation history buffs admired Peter Gartshore's Mk VIII Spitfire MV154 VH-A58 and the Mk IX Spitfire SL633 VH-RAF owned by Brad Bishopp and Cameron Rolph-Smith.

The iconic Spitfire became a symbol of the Battle of Britain.





Queensland Premier David Crisafulli (second left), Minister for Emergency Services Dan Purdie (second right) and Deputy Commissioner Cheryl Scanlon (right) join officers at the launch of the State Flying Squad at Archerfield Airport.

State Flying Squad Launched at Archerfields

Queensland Police's largest ever rapid response unit – an integrated State Flying Squad – was launched at Archerfield Airport in January. Queensland Premier David Crisafulli said the unit, comprising 58 specialist officers, would target juvenile and adult offenders in crime hotspots statewide.

Committing \$32.4 million to the initiative over five years, Mr Crisafulli said the squad brought together officers currently attached to operations including Taskforce Guardian and

Operation Whiskey Legion. QPS Deputy Commissioner Cheryl Scanlon welcomed the funding that would boost the State Flying Squad by 41 full-time staff.

The launch of the State Flying Squad at Archerfield highlights the airport's vital place in Queensland's emergency aviation network. Archerfield Airport's central location makes it ideal for emergency operations and maintenance.



Aerial Art

Formation flying has been a spectacular feature of aviation since the industry's earliest days in 'string bag' aircraft. Today, formation flying is most often admired in military aviation but the Royal Queensland Aero Club helps keep this aerial artform alive in the civil sector. From the award-winning teams of the 1960s, 70s and 80s in their Beechcraft singles and twins, to the current formation team primarily in Cessna singles like the C172, the RQAC helps maintain the skills and tradition at Archerfield and is a great advocate for all types of flying.

Know your place: the RQAC keeps formation flying skills alive.

Visit www.rqac.com.au.



Archerfield Launches School Science Shield

As part of Archerfield's ongoing partnership with Acacia Ridge State School, the airport recently launched the Archerfield Airport Science Shield, an annual trophy for Year 6 science high achievers.

Congratulations to Hamaz Muhamed, the recipient of the inaugural award! The presentation was the culmination of graduation day celebrations that included an airport tour and the chance to see Basair Aviation College's Cessna T206 Turbo Stationair and Piper Seminole aircraft up close.

Acacia Ridge State School students celebrate graduation with the help of Basair Aviation College at Archerfield Airport.

Help Stop Weeds

Invasive weeds attract wildlife that pose a risk to biodiversity, airport infrastructure and aviation safety. Under Queensland's Biosecurity Act 2014, all Archerfield tenants and operators have a legal responsibility to prevent the introduction and spread of declared weeds within their leased areas. Help manage this risk by:

- ✓ Regularly inspecting and maintaining your leased areas to prevent weed growth.
- ✓ Disposing of green waste correctly to avoid spreading seeds.
- ✓ Cleaning machinery, vehicles and equipment when moving between different sites to prevent contamination.

Biosecurity Queensland provides guidance on identifying and managing invasive weeds at www.qld.gov.au/biosecurity.

For Lease

Aeroport 227

Situated at Archerfield's northern end, this 180m², steel-clad airport measures 14m wide x 10m long x 3m high (4m to apex).

Building 621A

This 277m² metal-clad/part tilt panel warehouse/office on Lores Bonney Drive features 136m² of warehouse space up to 6.8m in height with access via 2 x 3.6m wide roller doors; and 141m² of air-conditioned office space offering four separate offices and a large reception area. There are dual amenities on both levels and a full kitchen. Located next to a large common carpark, it offers exposure and signage to Mortimer Road and proximity to Beaudesert Road.

Rooms 28GD – Terminal Building

Offering an excellent position adjoining the Passenger Lounge in Archerfield's Terminal Building, these air-conditioned rooms have a private office entrance.

See you in June!

Where
horizons
begin