LATROBE AEROSPACE TECHNOLOGY PRECINCT

Victoria's Integrated Advanced Air Mobility Ecosystem





Latrobe City Council acknowledges that it operates on the traditional land of the Braiakaulung people of the Gunaikurnai nation and pays respect to their Elders past and present.

To obtain this information in languages other than English, or in other formats, please contact Latrobe City Council on 1300 367 700.

FOREWORD

Latrobe City is currently undergoing a significant economic transition. Having been long regarded as Victoria's energy powerhouse, primarily driven by traditional power generation industries, Latrobe is repositioning itself to become a leader in clean energy innovation that will deliver a sustainable and diverse economy.



Building on Victoria's pioneering force in technological innovation, Latrobe City is gearing up to support investment and pursue technological advancements in new zero-emission industries, such as Advanced Air Mobility (AAM) and other zero-emission aviation, that promises significant economic, environmental, industrial, and societal benefits to our communities and regions.

Consistent with the Victorian Government's Advanced Air Moblity Industry Vision Statement, Latrobe City Council recognises investments in AAM can unlock new zero-emission capabilities across logistics, service delivery, emergency services, regional connectivity, and passenger transport.

In recognition of these opportunities, Latrobe City is establishing an Australian leading Aerospace Technology Precinct at Latrobe Regional Airport that will support new investment, create new jobs, foster a thriving research and development ecosystem and enable advanced manufacturing of clean energy technologies.

The Precinct will foster a thriving collaborative environment for emerging aviation technology partners and academia and research organisations to access flexible co-working facilities. This will support novel research and development (R&D), trialling and testing, and market validation to build strong pathways to commercialisation.

The Precinct will also conduct local engagement to help partners better understand unique operational conditions, to optimise future aviation technology and meet community needs and expectations.

Consistent with Latrobe City's Our Transition Plan the Precinct will increase economic productivity and investment, accelerate local research, secure development and manufacturing opportunities, support a highly diversified workforce and deliver on the transition to a clean energy economy.

Latrobe City Council looks forward to supporting the development of renewables, advanced manufacturing, digital technology and aviation capability and skills to create a strong AAM economy for Latrobe City, Victoria and Australia.

We are excited to take a leadership role to support the growth of a zero-emission aviation inductry in Latrobe City. If you are after a dynamic location to support your research and development, testing and commercialisation of your product and services, we would love to work with you!

Here

Steven Piasente CEO, Latrobe City Council







The Latrobe Aerospace Technology Precinct (Precinct) is located at the Latrobe Regional Airport, one of Victoria's premier regional airports approximately 150 km east of Melbourne, Australia. The Latrobe Regional Airport is wholly owned by Latrobe City Council.

Latrobe Aerospace Technology Precinct is conveniently located:

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- 150 km (1.5 hours) from Melbourne CBD.
- 63 km (55 minutes) from East Sale • Royal Australian Air Force (RAAF) Base.
- Close proximity to Victoria's • principal rail and road freight network.
- Daily freight train to Port of • Melbourne.
- Regional passenger train services • run between Melbourne and Latrobe City every hour.
- Flight time between Melbourne (Moorabbin Airport) and Latrobe Regional Airport approximately 40 minutes.

The Precinct is in the heart of one of Victoria's major regional cities that comprises of several urban centres in the Gippsland region. Latrobe City has a population of approximately 75,500 and hosts regional headquarters for government, private and education entities.

The Precinct can be easily accessed via the Princes Freeway (M1), approximately one and a half hours from central Melbourne and two hours from the Melbourne International Airport, Australia's busiest 24/7 curfew free airport.

Latrobe City has been the powerhouse of Victoria for more than 100 years, with its industrial community undergoing a significant transformation to a new clean energy economy supporting renewable energy production in solar, wind and hydrogen.

Latrobe City is home to a large and highly skilled workforce across a diverse range of disciplines, such as aerospace, mechanical and process engineering, information and software management and maintenance. There is also an existing aviation specific trained workforce supporting Australia's only commercial aircraft manufacturer based at the Latrobe Regional Airport.



WHAT IS THE LATROBE AEROSPACE **TECHNOLOGY PRECINCT?**

The Precinct will support an integrated Advanced Air Mobility (AAM) ecosystem combining flexible coworking facilities, offices and infrastructure to accommodate various research and development, testing and manufacturing activities.

THE ECOSYSTEM INCLUDES:

- A 'Launchpad' to support start-up and developing AAM businesses.
- Test and Evaluation range services.
- Research and Development facilities.
- Office spaces, meeting rooms, • presentation areas.
- Appropriately zoned areas for • large-scale manufacturing and commercial production, including airside access.
- Support services by Latrobe City • Council and Victorian Government agencies.
- Access to local supply of advanced manufacturing/engineering workforce and talent. See www.latrobe.vic.gov.au/ **IndustryProfile**
- Security provisions at the controlled • aerodrome, including access control, key register, roving security during the day, and CCTV coverage.
- Proximity to available expertise (eg. • engineering, hydrogen) from the nearby Federation University.

THE PRECINCT **INFRASTRUCTURE INCLUDES:**

- Spaces that can be hired on a short, medium or long term basis under a defined membership model. These include office/administration areas, hangar areas, outside areas, access to a butterfly net and airside access.
- Various sizes of hangars. •
- High speed broadband (FTTP). •
- 3 phase power supply. •
- Security fencing. •

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Onsite car parking.





Image credit: AMSL Aero.

WHY CHOOSE THE LATROBE AEROSPACE TECHNOLOGY PRECINCT?

VICTORIA AT A GLANCE

- Victoria's workforce is the most educated in Australia and home to a third of Australia's tech and engineering graduates. Victoria has more university course completions than any other state in IT, engineering and related technologies.
- Victoria is Australia's most vibrant start-up and venture capital ecosystem - the early-stage startup ecosystem in Victoria is valued at \$3.19 billion, a 40% increase since 2018. Victoria also leads the nation in start-up and tech funding.
- Victoria's defence, aviation and aerospace sector supports exports of \$350 million, employs over 240,000 people and accounts for 2.2% of GSP. Additionally, Victoria is home to more than 23,000 manufacturing firms, providing 30% of the nation's manufacturing output. Advanced manufacturing in Victoria is flexible, internationally connected and grounded in local supply chain networks.

 Victoria is committed to supporting research and development, industry development and market pathways for the AAM, drone and electric/hydrogen aviation sector, as committed in the Victorian Government's Advanced Air Mobility Industry Vision Statement and AAM

Action Plan.



Image credit: Advanced Air Mobility Industry Vision Statement, Victorian State Government.



WHY CHOOSE THE LATROBE AEROSPACE TECHNOLOGY PRECINCT?continued...

LATROBE AEROSPACE TECHNOLOGY PRECINCT AT A GLANCE

- Ease of access to Melbourne, Australia's largest city – Latrobe Regional Airport is conveniently located in a regional setting, yet close to thriving regional municipalities and major urban centres. Latrobe City is at the heart of Gippsland, a vital hub and spoke network in education, energy, advanced manufacturing, transport and logistics services.
- Physical environment conducive to AAM development activities – Latrobe Regional Airport is surrounded by a mix of significant areas of unpopulated land, as well as several townships further away, enabling testing and evaluation of emerging aviation technologies in various geographic environments.
- Serviced and appropriately zoned areas suitable for development - Land (airside and landside) development opportunities are available at Latrobe Regional Airport, offering a high exposure location, flexibility to design to meet specific requirements and excellent connections to major arterial roads.

- Supportive Local Government Council (owner of the Precinct) – Latrobe City Council is prioritising opportunities that support jobs, innovation, manufacturing, research and development, to assist with the transition to a clean energy economy.
- Significant local aviation manufacturing knowledge and experience – Latrobe Regional Airport is already supporting research and testing activities for emerging aviation technologies and is home to Australia's only commercial aircraft manufacturer, Gipps Aero.

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- Strong social licence understanding and support of the community – Community engagement has previously been conducted as part of the Textron Systems Australia/ Swinburne University of Technology RAST trials in Latrobe City.
- Supporting Net Zero Emissions – Latrobe Regional Airport is committed to developing technologies that are environmentally friendly and sustainable to support a Net Zero Emissions future.
- Workforce development support by Council and the Victorian Government. See <u>www.latrobe.vic.</u> gov.au/supportforbusiness
- Work environment support –
 Special rates offered for local
 accommodation and food
 recommendations, car hire, etc.



Image credit: Threshold Design.

KEY ADVANTAGES

The Precinct is wholly owned by Latrobe City Council and is not aligned to any commercial entity, providing flexibility to undertake various research and development activities to support your graduated pathway to commercialisation.

- An onsite manager is available to assist with SORA application to the Civil Aviation Safety Authority (CASA) by providing a SORA information package, including Aerodrome Stakeholder Engagement proforma and an Emergency and Risk plan (that encompasses drone testing activity).
- Large unpopulated areas, suitable for test and evaluation that will remain undeveloped.
- **Options** for engagement.
- Flexibility of services.
- Flexibility of workspaces.
- Dynamic airspace.
- Supportive council and community.
- State of the art utility services.
- Capacity to grow 'shovel ready' development sites available.
- Supply Chain support Access to highly skilled engineering contractors and service providers locally. See <u>www.</u> <u>latrobe.vic.gov.au/IndustryProfile</u> for listing of businesses.

Image credits: Aquila Earth (top), Dovetail Aviation Centre opening (right).







PRECINCT FACILITY DETAILS

BUILDING DETAILS

Large Commercial Hangar

51m long x 25m wide x 9m high with 5 tonne crane.

- Amenities and staff room/ kitchenette available.
- Three 6m x 6m individually lockable • office spaces.
- One 5.8m x 4m office with direct airside access.
- Mezzanine 12m x 7.8m above offices.

Terminal Building

Available for non-exclusive use.

Kitchen, amenities, and boardroom • available for use.

> • Lighting for night operations. Bureau of Metereology Weather • Station with Automated Weather Information Service and Terminal Area Forecasts. The average annual minimum temperature at the Precinct is 8.3 degrees and the average annual maximum temperature is 20.1 degrees. The average monthly rainfall is 61mm.

ELEV 157 00

Image credit: Swinburne University of Technology (left), Latrobe Regional Airport (right).



AIRPORT DETAILS

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1430m x 23m.

Hangar.

approaches.

• 400 acres with two operational runways and one glider strip. 03/21 Runway (Asphalt)

> 09/27 Runway (Gravel) 918m x 18m. Glider Strip (Grass) 536m x 60m. Available hardstand adjacent to

AIRPORT OPERATIONS

• 30,000 annual movements (GA, Emergency, Charter & Training).

- CASA Certified Aerodrome.
- Instrument procedures and

AIRSPACE

- Latrobe Regional Airport surrounded by Class G airspace, from surface to 6000 FT AMSL, enabling flexible use of airspace for flight testing, subject to relevant aviation approvals.
- Defence Airspace 6000ft above.
- Three expansive test sandboxes, spanning up to 3,600 hectares, strategically located adjacent to the Airport. These locations have minimal aircraft traffic and little to no residential presence.

CONTACT US

To enquire about available opportunities at the Latrobe Aerospace Technology Precinct, please contact:

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