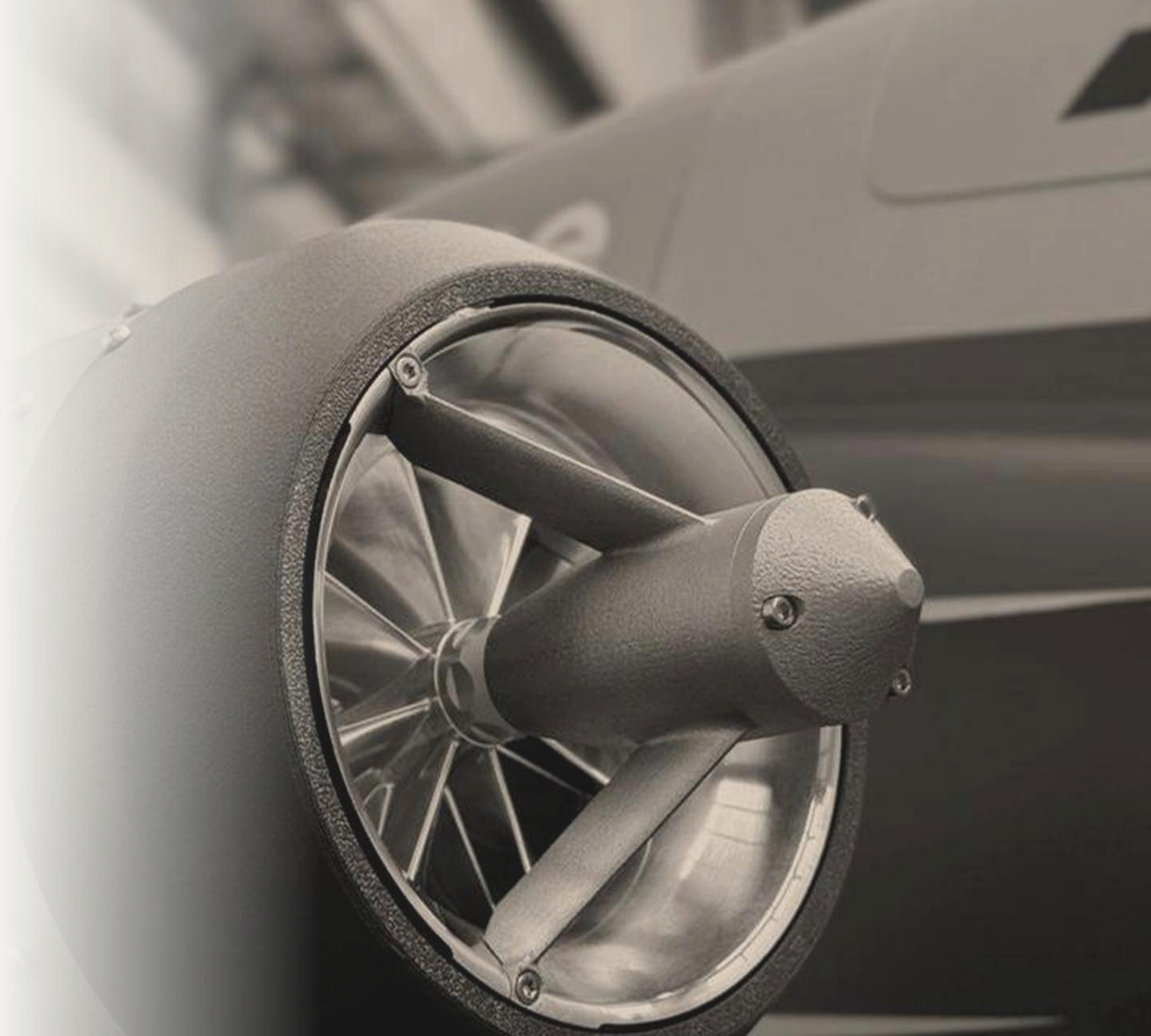
Aurora Labs®

AGM PRESENTATION

Printed Propulsion Specialists

Additively manufactured turbojet engines for uncrewed and tactical platforms

ASX: A3D



OUTLOOK

Achievements and Future Outlook

Building on recent milestones, Aurora is positioned to deliver the next phase of growth.

RECENT ACHIEVEMENTS

01 AU4 turbojet entered low-rate production, with the engine established as the reference unit for customer evaluation.

02 AU2 turbojet taken from design to bench test in 6 weeks. The commercial bill of materials is in progress for first article series build.

03 AS9100D certification awarded following independent third-party audit with zero critical non-conformances.

04 Machining, metrology and test infrastructure commissioned with more than A$2M of government grant funding.

05 First international orders of evaluation engines to US and UK

FUTURE OUTLOOK

01 Scale production capacity through additional print capability and semi-skilled assembly rather than long-lead tooling.

02 Convert technical evaluations with European and Australian customers into first article and series orders.

03 Advance the turbofan through further development phases toward TRL 7 for the long-range mission.

04 Progress qualification and certification of engine family against customer and military specifications to upscale production and facilities

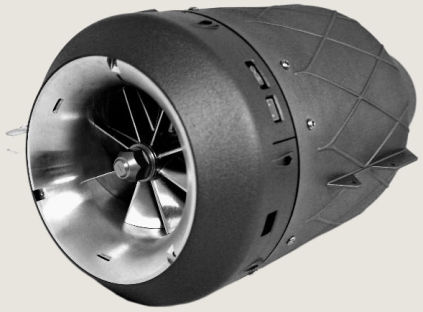
05 Grow specialist alloy component line into large defence sustainment contracts.



INTERNATIONAL COMMERCIALISATION

First International Engine Sales

Two maiden international purchase orders in under two weeks open the US and UK markets for the AU4 turbojet, placing Aurora propulsion with aerospace and defence customers on both sides of the Atlantic.



5 AU4 ENGINES SOLD OFFSHORE

2 NEW EXPORT MARKETS

400N PRODUCTION THRUST CLASS

Why it matters? Both customers will run the AU4 in demanding platform applications, building the performance record that underpins volume supply. Strategic partner Tanglewood Group also gives Aurora a business development and technical support presence across the UK and Europe.

UNITED STATES · US$42,000

Three AU4 engines and integration services for a US aerospace and defence company's experimental aircraft program, opening a significant market with potential to support multiple platforms.

UNITED KINGDOM · A$32,000

Two AU4 engines and integration services sold to Tanglewood Group Ltd for evaluation by an international defence customer, supporting direct volume discussions toward potential production supply from CY27.

Refer ASX announcements 22 October 2026 (US) and 4 November 2026 (UK). Evaluation activity is non-binding and there is no assurance it will convert into production orders. Any further orders remain subject to customer requirements, successful integration and separate commercial agreement. No follow-on orders are being announced.

PARTNERS AND PROGRAMMES

Established partner network

Engagements span an executed teaming agreement with a European missile systems house, a first commercial supply agreement, and independent evaluation of the AU4 by prospective platform customers.

TEAMING AGREEMENT

Teaming Agreement executed in 2026 with Europe's largest missile systems house, forming a pathway to joint technical development and European industrialisation of Aurora propulsion. MBDA has released many new one-way effector products as low-cost interceptor prototypes to the market in 2026.

COMMERCIAL SUPPLY

First commercial propulsion partnership. Twenty AU4 engines contracted for SPS uncrewed platforms, with bench and testing conducted at the SPS facility.

TECHNICAL EVALUATION

Technical assessment of the AU4 is proposed against platform requirements,

US and European customers

Engagements are at differing stages of maturity. Evaluation and assessment activity is non-binding and there is no assurance it will convert into commercial orders.

MARKET

Turbojet Supply

Demand for small jet propulsion has moved from prototype quantities to munition quantities. The supply base has not quite caught up with it.



Russia's Geran Drone 5 – jet powered

INCUMBENT SUPPLY

The market is served largely by hobby jet engine makers. Performance of engines is uneven, turbojets are reported failing during missions. Lead times to receive turbojets run well past 14 months against existing backlog and supply issues.

VOLUME SHIFT

Before jet-powered drones, micro gas turbine sales were counted in individual units. Enquiries now arrive for hundreds and thousands of engines per month. This is off the back of Ukraine changing the face of warfare and further reinforced by the Iranian use of low-cost drones against the US in the Middle East. Drones are moving towards faster speeds from 180km/phr to 600kmh jet powered, as evidenced by the Russian drone – Geran's evolution and the Ukraine response in the Alexa Spatium jet powered drone.

MARKET POSITION

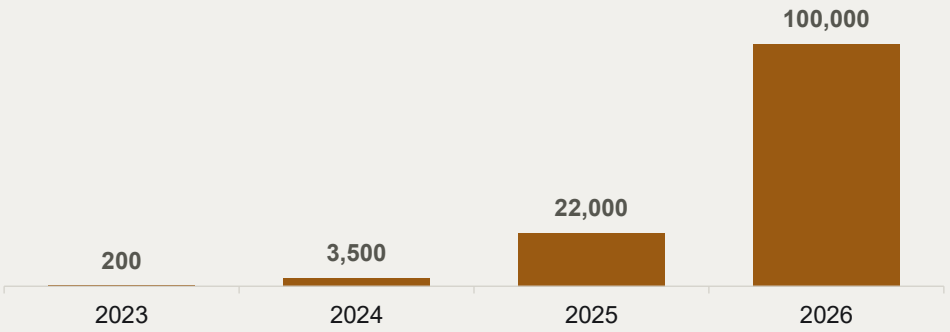
Europe and the Asia Pacific are Aurora's primary markets. The product is Australian designed and manufactured, and remains unencumbered by ITAR regulation, which allows speed to market.

WHY ADDITIVE ANSWERS IT

Additive manufacturing scales through parts consolidation and substantially less labour, not through more tooling, more fixtures and more process steps, or expensive processes.

PRODUCTION RESPONSE

Ukrainian mid-range strike UAS output has risen to at least 100,000 units a year.



PLATFORM SHIFT TO JET PROPULSION

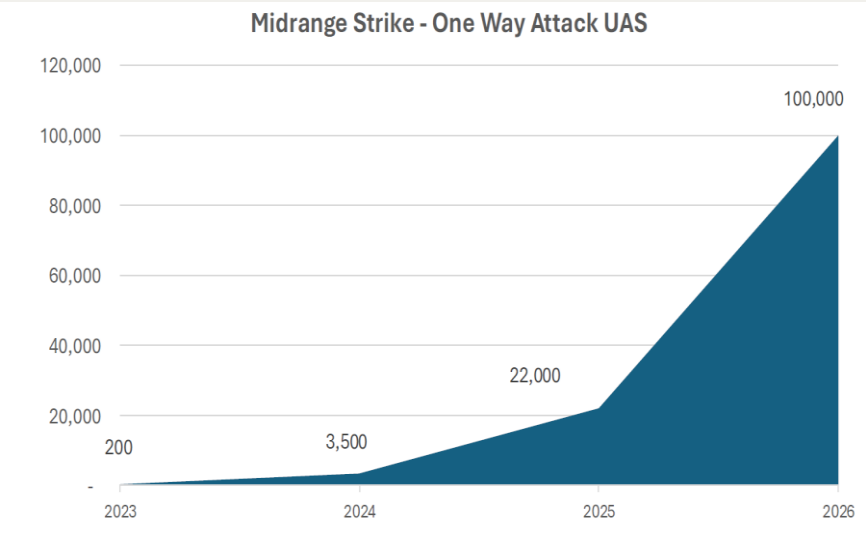
	Geran Drone 2	Geran Drone 3	Geran Drone 4	Geran Drone 5
Speed	180 km/h	330 km/h	500 km/h	600 km/h
Propulsion	Piston	jet	jet	jet

Sources: Austrian Military Academy, 28 August 2026; OSINT estimates.

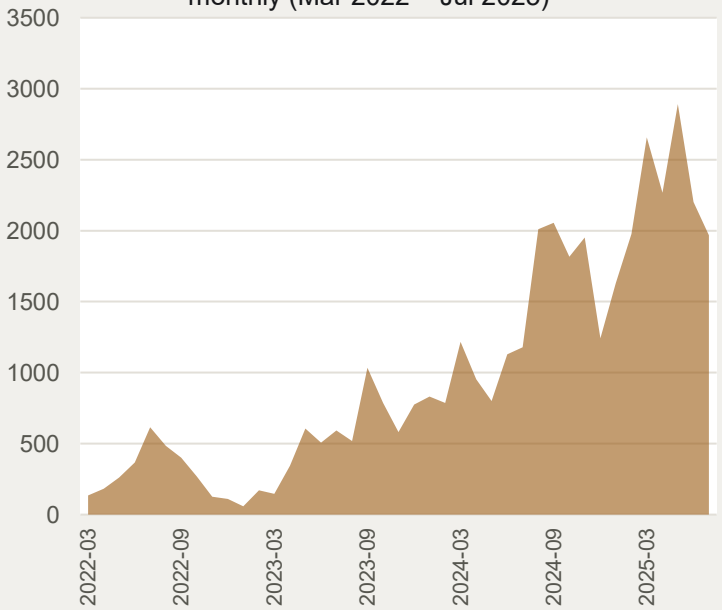
MARKET

The Rapid Development of Modern Warfare

The war in Ukraine has reshaped modern combat through drone and UAV innovation, and the tempo has kept climbing. ACLED recorded 1,181 air- and drone strikes in Ukraine in the week of 29 August to 4 September 2026 alone.



Recorded air and drone strikes on Ukraine, monthly (Mar 2022 – Jul 2025)



TEMPO HAS KEPT CLIMBING

The busiest month in the series above was May 2025, at 2,892 strikes. The latest ACLED weekly count of 1,181 equates to roughly 5,100 a month — about 1.8 times that peak.

LONG-RANGE STRIKE RUNS BOTH WAYS

Between 1 January and late March 2026 ACLED recorded 7,503 Russian air- or drone strikes in Ukraine and 3,364 Ukrainian strikes inside Russia.

ITERATION MEASURED IN WEEKS

Frontline units cycle through new UAV technology roughly every six weeks. **Jet-powered drones** are now straining Ukrainian air defences.

PROPULSION HAS TO KEEP PACE

Existing propulsion supply chains were built for prototype volumes and decade-long development cycles. Additive manufacturing answers both constraints.

Source: ACLED — Ukraine Conflict Monitor, weekly situation updates and expert commentary, September 2026. Chart series covers March 2022 to July 2025 & Austrian Military Academy 28th August 2026

AURORA LABS LIMITED (ASX: A3D)

Company overview

Aurora Labs is a sovereign Australian advanced manufacturer of additively manufactured micro gas turbine propulsion systems and defence-grade metal components.

OPERATIONS BASE

Perth, Western Australia - engineering design, production and test on one site

LISTING

Publicly listed on the Australian Securities Exchange (ASX: A3D)

QUALITY MANAGEMENT

AS9100D framework, certified facility for additive manufacturing and production

INDUSTRY SECTORS

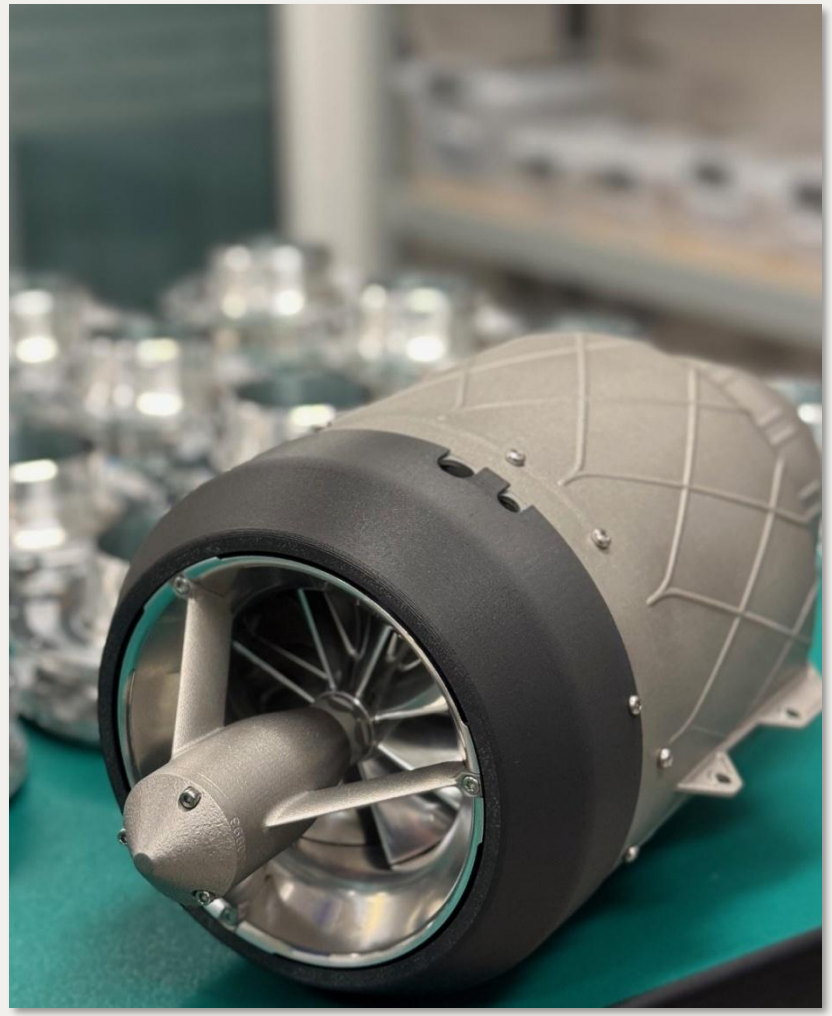
Defence, aerospace and advanced industrial supply for specialist printed parts

INTELLECTUAL PROPERTY

OEM of laser powder bed fusion machinery, patents held worldwide. IP and trade secrets held in additive manufacture of turbojets

PRODUCTS

Turbojet engines, printed components for defence products, laser powder bed fusion printers



CAPABILITY

Vertically Integrated Capability

One site holds the full chain from concept to hot engine, with limited external dependency. Bought-in items are confined to a short list of qualified commodity components: metal powder, fuel pumps, miniaturised electric motors and bearings.

01

Design

Clean sheet design with in-house structural analysis and physical testing

02

Print

Metal laser powder bed fusion produces over 70% of the engine mass

03

Machine

Five-axis mill and lathe, for post processing printed parts

04

Balance

Rotor balancing station qualifies full rotor packs for high-speed assembly

05

Inspect

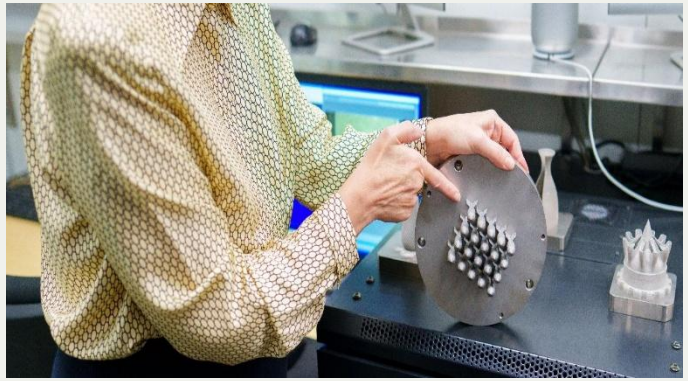
First article inspection on a coordinate measuring machine

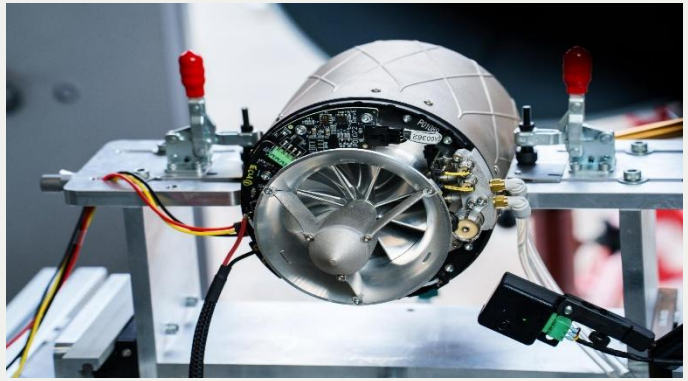
06

Test and deliver

Instrumented engine test cells, every engine released under quality system







SCALABLE PRODUCTION MODEL

A Replicable Production Cell

Most stages of turbojet production, from metal powder to a tested engine, happens inside one facility under one quality system, with minimal reliance on third parties.

ONE PRODUCTION LINE

Powder, printing, machining, balancing, inspection and engine test sit within a single certified facility.

PROCESS, NOT TOOLING

The production module is defined by equipment classes and a documented process rather than custom built tooling. The printer builds whichever engine geometry it is given, as it is a digital process.

VARIANT AGNOSTIC

Moving to a different thrust class engine does not require new jigs and fixtures, a rescoped facility, or the re-qualification of a purpose-built production line.

PORTABLE BY DESIGN

Because the capability is a process specification and a digital data set, the same cell can be stood up at a qualified partner site and audited against the same standard, worldwide.



PRODUCTION MODEL

Sovereign Production for Australia or Partners

A printed engine is a data set and a qualified process, not a fixed tooling investment. That makes the production location a choice rather than a constraint.

Australian supply

Engines built, tested and shipped from Perth under existing quality arrangements.

Can be produced locally near customer facilities as production cell is replicable.

Aurora international or production under licence

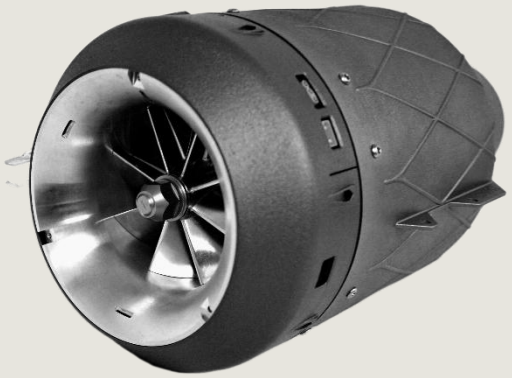
Options:
Aurora replicates Australian production; or

A qualified partner stands up the same defined cell and runs the documented process, with Aurora holding design authority and quality inspection and maintaining production authority.



PRODUCT

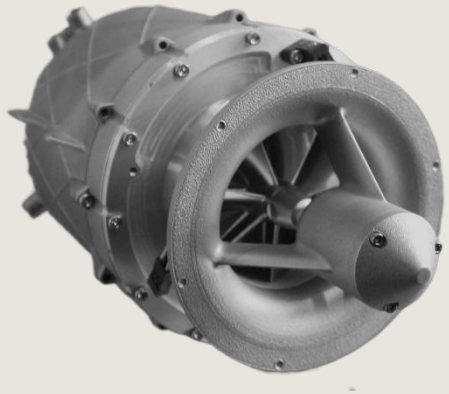
Engine Product Family



AU4 Turbojet

400 N class

Entering low-rate production. The reference engine for evaluation. Core architecture of the turbojet family.



AU2 Turbojet

200 N class

6 Weeks from concept to bench test. Commercial bill of materials in preparation for first article series build.



Turbofan

Long-range

Second prototype. In ongoing development

Purpose built for ISR uncrewed aircraft, loitering munitions and tactical UAVs. Designed, printed and assembled in Australia under local IP.

ASSURANCE

Quality and Qualification Framework

Additive hardware earns acceptance through evidence. Ours is built to be inspected by a third party.

AS9100D CERTIFIED

Awarded after independent third-party audit, with zero critical nonconformances.

POWDER TRACEABILITY

Batch records from incoming powder through to the finished component.

PROCESS CONTROL

Build parameters held under configuration control on our own machines.

ENGINE DATA PACKS

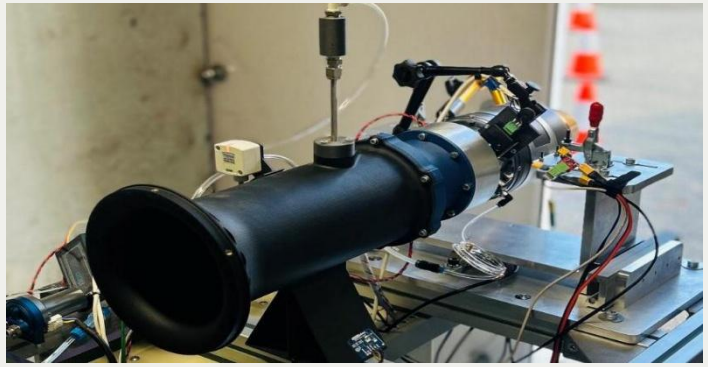
Characterisation and acceptance test records issued with each engine where required.

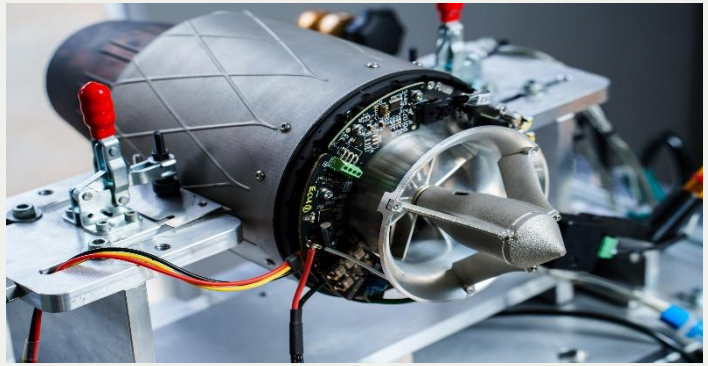
FIRST ARTICLE INSPECTION

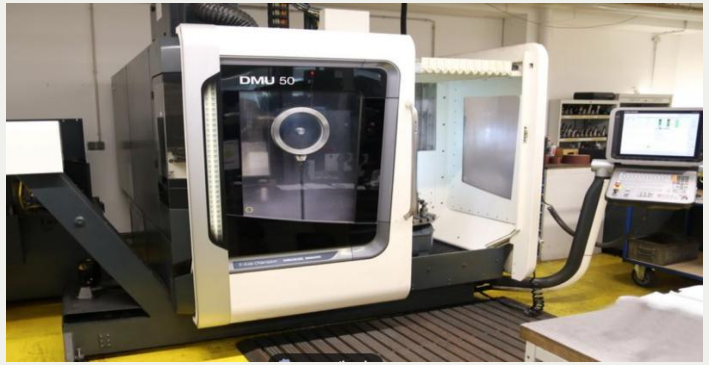
In-house coordinate metrology and production conformance documentation. Acceptance runs open to independent observation.

GOVERNMENT EXPERIENCE

Delivery history with national defence programmes and tier one industry partners.







TRACK RECORD

Australian Defence Market Success

Since June 2024 Aurora has secured five contracts with the Australian Department of Defence, alongside its first commercial propulsion order totaling approximately AUD$1.1M

Australian Department of Defence

`3 printing purchase orders`

Between June and October 2024, Aurora secured three purchase orders from the Australian Defence Force to supply experimental metal alloy 3D printed parts.

~A$145,200 · Design and test of experimental novel alloys for defence applications

Australian Department of Defence

`1st aircraft propulsion purchase order`

December 2024, Aurora was awarded a contract to design and manufacture an advanced propulsion system.

A$319,000 · First purchase order for Aurora's advanced propulsion system, substantially de-risking the technology

Australian Department of Defence

`Phase 2 — advanced propulsion system`

October 2025, Aurora was awarded Phase 2 of its development contract with the ADF for prototype manufacture and testing of its next generation propulsion system.

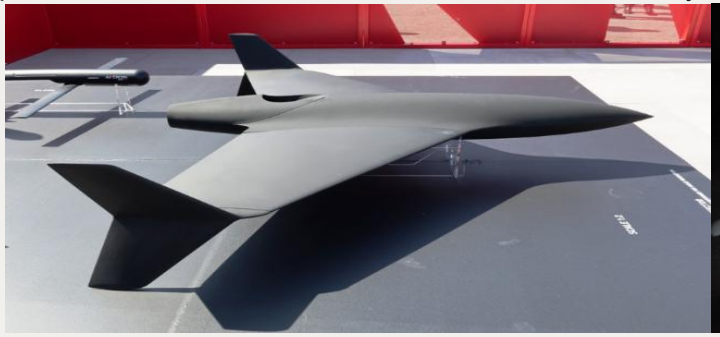
A$450,000 · Prototype manufacture and engineering, with bench testing from 1H 2026

Sovereign Propulsion Systems

`1st commercial propulsion partnership`

Aurora entered a strategic partnership with SPS to supply its propulsion system for SPS uncrewed platforms.

A$250,000 · 20 AU4 propulsion systems, with bench and aerial testing at the SPS facility







PRODUCT

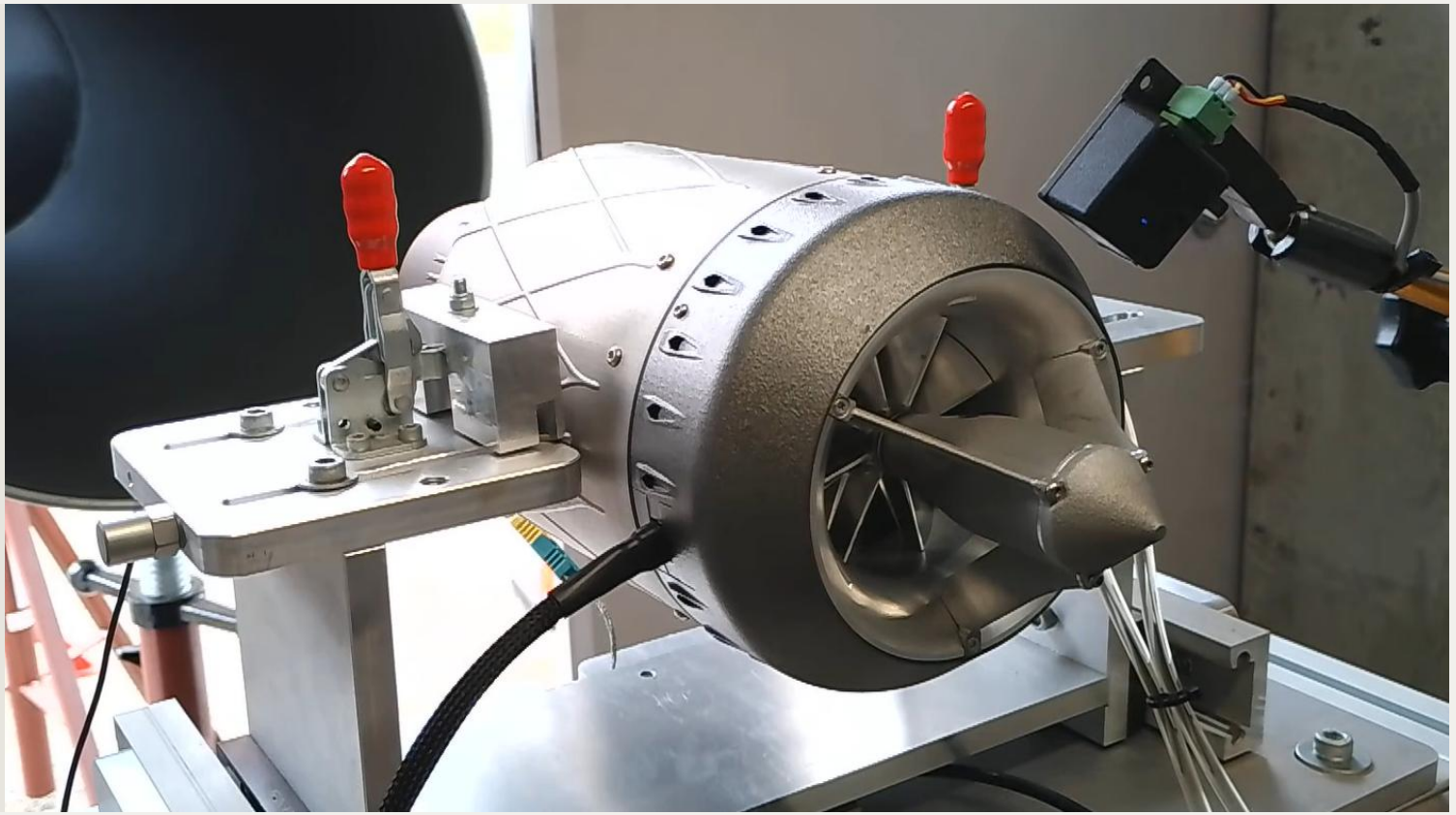
Engine Test Footage

https://youtu.be/Ju6JnCiM0Y8?si=uiU2leyBOJH2UcCL

AU4 Turbojet

400 N class

Video of factory acceptance testing of the AU-4 engine as we completed our maiden dispatch to the US on November 12th ‘26.



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