Aurora Labs®
Empowering Industry to Revolutionise Manufacturing

30 July 2025

ASX Announcement

CORPORATE DIRECTORY

Chairman
GRANT MOONEY

Non-Executive Director
ANDREW GARTH

Non-Executive Director
TERRY STINSON

Non-Executive Director
ASHLEY ZIMPEL

Chief Executive Officer
REBEKAH LETHEBY

CONTACT DETAILS

41-43 Wittenberg Drive
Canning Vale, WA
AUSTRALIA 6155

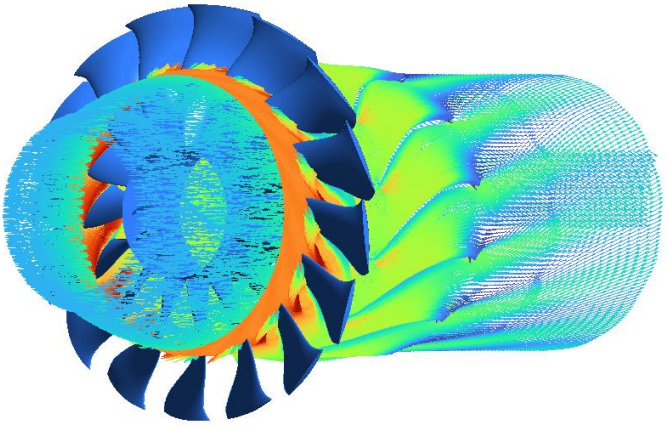
enquiries@auroralabs3d.com
t. +61 (0)8 9434 1934
auroralabs3d.com

Quarterly Report and Appendix 4C, Quarter Ending 30 June 2025

Highlights:

- **Active engagement with Defence Primes and UAV platform integrators, including Mayman Aerospace**
- **Completion of major test bench upgrades to support durability testing of AU-series micro gas turbines.**
- **Awarded $544,333 Defence Industry Development Grant for production scale-up of propulsion systems and vertical integration of manufacturing.**
- **Facility upgrades underway, including reorganisation of fabrication workshops to accommodate new CNC machining capabilities, supporting processing of engine components.**
- **Print bureau revenue bolstered by ongoing contracts with Alcoa, and bespoke legacy automotive part production for domestic customers.**
- **Invitation to exhibit AU2 and AU4 micro gas turbines at DSEI 2025, London on the Team Defence Australia stand, enabling international exposure.**
- **Continued implementation of AS9100D-aligned quality system with production line layout work for propulsion and electronics assembly.**
- **MoU signed with Gravitas Technologies for heat treatment services**

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to provide its quarterly report to shareholders and appendix 4C for Q4 FY2025.



In-house Aerodynamic and Structural Simulation Capabilities to Optimise Engine Performance

Aurora Labs®
Empowering Industry to Revolutionise Manufacturing

30 July 2025

Micro Gas Turbine (MGT) Program

During the last quarter, Aurora Labs entered a critical pre-durability testing phase for its growing family of micro gas turbines. The AU2 and AU4 engines are undergoing deep instrumentation and validation setup in preparation for long-duration, performance-critical testing. This is a necessary step in order to progress the engines from one way mission engines to further return and re-use engines.

To support this, the Company completed a substantial upgrade to its test bench infrastructure, ensuring it can capture high-frequency sensor data including vibration, temperature, pressure, fuel flow, and run-time analytics. The improved data acquisition framework is essential for performance validation and certification pathways, such as Military Standards (MIL-STDs or MIL-SPECs). These standards ensure compliance with Defence requirements for performance, safety, reliability and environmental durability.

In military drone propulsion projects (e.g., loitering munitions or attritable UAVs), micro turbine engines are typically tested for:

- Sustained operation in extreme environments (high-altitude, high-heat, salt fog, etc.)
- Vibration tolerance from launch tubes or catapults
- Fuel compatibility (e.g., JP-8, Jet-A, etc., possibly referencing NATO standards)
- EMI/EMC compatibility with UAV onboard systems
- Fatigue and cycle life simulations to ensure minimal maintenance cycles

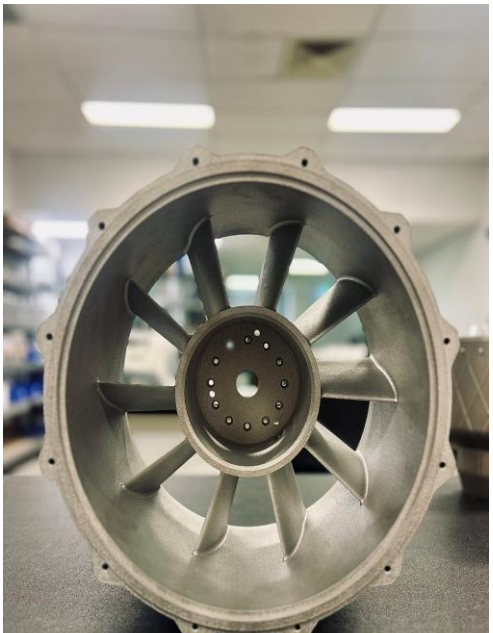
Durability testing will enable deeper optimisation of thermal management strategies and fuel efficiency profiles and forms a major stepping stone toward scaled deployment of Aurora's engines in operational UAV platforms.

Aurora has successfully completed the design freeze milestone under the Australian Department of Defence contract for a next-generation novel propulsion system. Hardware is now undergoing additive manufacture and fitment tests for the build phase. As we approach the building phase, planning is ongoing to have the first prototype operational in bench test conditions in the next weeks. It is therefore eagerly anticipated by the propulsion team that we will soon be starting our safety and test run up in order to capture the data from the initial engine run.

This represents a major step towards the sovereign production of an affordable, 3D-printed propulsion system for Defence applications.

Printed Turbine Part Production



Industrial Print Services Bureau

Aurora's print bureau operations remained active through the June quarter, continuing to deliver design-to-production solutions for key industrial customers.

Aurora was awarded $544,333 under the Defence Industry Development Grants Program (Sovereign Industrial Priorities Stream) to acquire advanced production equipment and CNC systems to scale propulsion production and support vertical integration of its industrial printing and production lines. This investment will enable Aurora to manufacture, machine, and assemble micro gas turbine engines entirely onshore, reducing reliance on foreign supply chains and aligning with AUKUS and sovereign defence objectives.

The Company continues to progress its ongoing contracted printing services, providing critical support for engineered products. We again received orders through customers such as Alcoa, which underpin steady revenues for the business. The print bureau has also attracted new customers and has completed a series of legacy automotive parts for domestic clients, reproducing obsolete designs via reverse engineering and additive manufacturing. These engagements strengthen Aurora's positioning as a solutions provider, capable of integrating design, engineering, and 3D printing into an end-to-end customer offering.

Again, the micro gas turbine printing has been a focus of the print application of A3D's Industrial Print Services Bureau through the quarter. A3D is currently trialing a new fuel manifold print that has recently gone on to be patented, showcasing the Company's push for novel and innovative products that can challenge entrenched traditional designs through additive production. The manifold has undergone several trial prints and it is hoped to be marketed as a new product to other engine makers for use.

Aurora's Print Bureau has also delivered critical production milestones and expanded its scope to include a pilot production run of 25 micro gas turbine engines. These units are being manufactured to:

- Validate designs under Aurora's durability and reliability testing program;
- Support test bench cycles under both commercial and Defence use cases;
- Provide the first early-batch engines for customer sales, enabling market entry and operational feedback.

Alongside ongoing work in the Print Bureau, Aurora has signed a Memorandum of Understanding (MoU) with Gravitas Technologies to provide advanced heat treatment services through their Hot Isostatic Press (HIP) furnaces. This partnership is a key step in qualifying Gravitas as an approved supplier under our AS 9100D aerospace supply chain.

The MoU enables Aurora to offer the specialised heat treatment processes required to complete work orders for critical aerospace components, particularly those manufactured in high-performance materials such as titanium. This capability will ensure that parts produced in our additive manufacturing facility meet the stringent quality standards necessary for aerospace applications, while expanding our ability to deliver fully finished components to our customers.

Business Development Activities and Defence Engagement

During the quarter, Aurora Labs was pleased to announce the signing of a Memorandum of Understanding (MoU) with Mayman Aerospace, a US-based company focused on advanced, high-mobility vertical take-off and landing (VTOL) aerial systems and defence-oriented technologies.

This strategic agreement reflects the growing global interest in Aurora's micro gas turbine propulsion systems, particularly the AU2 and AU4, and their relevance to emerging aerial mobility concepts and attritable tactical systems. Under the MoU, the two companies will explore pathways for integration of Aurora's additively manufactured propulsion units into Mayman Aerospace's evolving aircraft platforms, including opportunities for collaborative development, prototyping, and potential production supply.

This cross-border partnership represents a significant opportunity for Aurora to extend the application of its engine family into next-generation airframes with advanced manoeuvrability, low cost, and high-performance requirements. It also marks a strategic step toward deeper commercial engagement with US-based aerospace innovators and primes.

Also in May, Aurora was formally accepted to exhibit at DSEI 2025 in London, one of the world's premier defence trade events. Attendance on the Team Defence Australia stand offers a platform to present the AU2 and AU4 micro gas turbines to international customers and primes—reinforcing Aurora's global ambitions and sovereign supply chain offering.

Preparations are now underway to support customer meetings, technical briefings, and engine displays as part of this major international opportunity.

Facility development at the Canning Vale operations in Western Australia has also advanced significantly during the quarter with the reorganisation of fabrication and assembly spaces. This has been timed to support:

- Installation of grant-funded DMG Mori CNC lathe and mill, which will augment printed part processing and enable production of key non-AM components for the AU2 and AU4.
- Layout planning for production lines dedicated to propulsion and electronics assembly.
- Alignment with AS9100D quality management principles and production documentation.

These improvements are designed to accelerate Aurora's transition to volume production, while positioning the Company to meet stringent aerospace compliance and certification requirements.

Printing, Research and Development Advancements

The R&D team continues to support production demands while refining metal printing performance across the AL250 platform. Current efforts are focused on:

Improving powder-handling workflows to support new alloy trials.

Transitioning AL250 to support hybrid operations in conjunction with machined post-processing from new CNC infrastructure.

Corporate, Finance and Cash Position

The Company's cash balance at the end of the quarter stood at $1.156 million showing strong fiscal discretion even as we continue to invest in critical production initiatives. Included within the cash balance was proceeds from a loan for $500K, secured against the Company's 2025 Research and Development Tax Claim. During the quarter, related party payments were approximately $86,000, including director and company secretary fees paid from the approved pool of fees as approved by shareholders.

Looking Ahead

With the initial development phase complete, focus has now shifted to scaling production and securing commercial agreements.

Rebekah Letheby CEO of Aurora Labs commented, "The June quarter marked a significant step forward for Aurora. With the Defence design freeze achieved in the novel engine project, grant funding secured, and our pilot engine batch entering production, we're moving from proof-of-concept into tangible product readiness. Our Print Bureau is now producing mission-critical components for customers and propulsion systems, underpinning both our near-term revenue and long-term growth trajectory."

Key focus areas for the next quarter include:

- Procuring purchase orders for first sales of attritable Micro Gas Turbines.
- Advancing infield testing and verification of the AU4 and AU2 engines, alongside completion of the Preparing for volume production capabilities and certification compliance.
- Expanding design and testing activity on higher-thrust propulsion systems.
- Initiating the AU4 durability testing campaign.
- Finalising installation and training on CNC equipment.
- Advancing engagement ahead of DSEI 2025.
- Continuing implementation of AS9100D and documentation systems across manufacturing functions.

Ends

ASX CODE: A3D
ACN: 601 164 505

Approved for release by the Company's Board of Directors.
For further information, please contact: Rebekah Letheby, Chief Executive Officer
+61 (0)8 9434 1934 or by email enquiries@auroralabs3D.com

ABOUT AURORA LABS

Aurora Labs Limited ("the Company"), an industrial technology and innovation company that specialises provision of 3D metal printed parts for defence, oil and gas and resources sector the development of industrial 3D printers and associated intellectual properties.

Aurora Labs Limited is listed on the Australian Securities Exchange (ASX: A3D)

FORWARD LOOKING STATEMENTS

This announcement contains forward-looking statements which incorporate an element of uncertainty or risk, such as 'intends', 'may', 'could', 'believes', 'estimates', 'targets' or 'expects'. These statements are based on an evaluation of current economic and operating conditions, as well as assumptions regarding future events.

These events are, as at the date of this announcement, expected to take place, but there cannot be any guarantee that such events will occur as anticipated or at all given that many of the events are outside Aurora's control.

Accordingly, Aurora and the directors cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur. For further information, please contact: enquiries@auroralabs3D.com

Quarterly cash flow report for entities subject to Listing Rule 4.7B

Name of entity	
Aurora Labs Limited (ASX: A3D)	
ABN	Quarter ended ("current quarter")
44 601 164 505	**30 June 2025**

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	321	669
1.2	Payments for		
	(a) research and development	(141)	(820)
	(b) product manufacturing and operating costs	(9)	(151)
	(c) advertising and marketing	(14)	(51)
	(d) leased assets		
	(e) staff costs	(647)	(2,275)
	(f) administration and corporate costs	(193)	(909)
1.3	Dividends received (see note 3)		
1.4	Interest received		
1.5	Interest and other costs of finance paid	(3)	(11)
1.6	Income taxes paid		
1.7	Government grants and tax incentives	240	880
1.8	Other		
1.9	**Net cash from / (used in) operating activities**	**(446)**	**(2,668)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire or for:		
	(a) entities		
	(b) businesses		
	(c) property, plant and equipment	(3)	(164)
	(d) investments		
	(e) intellectual property		
	(f) other non-current assets		

Consolidated statement of cash flows		Current quarter $A'000	Year to date (12 months) $A'000
2.2	Proceeds from disposal of:		
	(a) entities		
	(b) businesses		
	(c) property, plant and equipment		
	(d) investments		
	(e) intellectual property		
	(f) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other		
2.6	**Net cash from / (used in) investing activities**	**(3)**	**(164)**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities) (See Note 1 below)	-	2,000
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options	86	352
3.4	Transaction costs related to issues of equity securities or convertible debt securities		(84)
3.5	Proceeds from borrowings	500	565
3.6	Repayment of borrowings	(10)	(322)
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (repayment of leases)	(42)	(165)
3.10	**Net cash from / (used in) financing activities**	**448**	**2,346**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	1,161	1,647
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(446)	(2,668)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(3)	(164)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	448	2,346
4.5	Effect of movement in exchange rates on cash held	(4)	(5)
4.6	**Cash and cash equivalents at end of period**	**1,156**	**1,156**

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	**Current quarter $A'000**	**Previous quarter $A'000**
5.1	Bank balances	1,156	1,161
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**1,156**	**1,161**

6.	Payments to related parties of the entity and their associates	**Current quarter $A'000**
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(86)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7.	Financing facilities *Note: the term "facility' includes all forms of financing arrangements available to the entity.* *Add notes as necessary for an understanding of the sources of finance available to the entity.*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
7.1	Loan facilities	500	500
7.2	Credit standby arrangements (credit cards)		
7.3	Other (please specify)		
7.4	**Total financing facilities**	500	500

7.5	**Unused financing facilities available at quarter end**	
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	

The Company has 2 short term loans with private funding parties. Funds were loaned based on the value of R&D that had been spent to April 2025. The interest rate that is applicable is 15%. The loans will be repaid from the 2025 tax refund as a result of the R&D refundable amount.

8.	Estimated cash available for future operating activities	**$A'000**
8.1	Net cash from / (used in) operating activities (item 1.9)	(446)
8.2	Cash and cash equivalents at quarter end (item 4.6)	1,156
8.3	Unused finance facilities available at quarter end (item 7.5)	-
8.4	Total available funding (item 8.2 + item 8.3)	1,156
8.5	**Estimated quarters of funding available (item 8.4 divided by item 8.1)**	2.59 quarters

Note: if the entity has reported positive net operating cash flows in item 1.9, answer item 8.5 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.5.

8.6 If item 8.5 is less than 2 quarters, please provide answers to the following questions:

8.6.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer:

8.6.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

8.6.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer

Note: where item 8.5 is less than 2 quarters, all of questions 8.6.1, 8.6.2 and 8.6.3 above must be answered.

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies

which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Date: 30 July 2025

Authorised by: The Board of Directors
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.

2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standard applies to this report.

3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [*name of board committee – eg Audit and Risk Committee*]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".

5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.