



ASX Announcement

CORPORATE DIRECTORY

Chairman
GRANT MOONEY

Non-Executive Director
ANDREW GARTH

Non-Executive Director
TERRY STINSON

Non-Executive Director
ASHLEY ZIMPEL

CEO
REBEKAH LETHEBY

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ASX CODE: A3D
ACN: 601 164 505

Aurora Labs Quarterly Report and Appendix 4C, Quarter Ending 30 Sept 2024, Q1

Highlights:

- **Completion of test phase of specialised materials for Defence purchase order**
- **Signing of a Memorandum of Understanding with Innovaero regarding printing bespoke MGT engines for testing**
- **Continued engagement with Defence partners for industrial printing services and printed products**
- **Boeing and PteroDynamics visit A3D to discuss printing services**
- **AL250 final calibrations completed, printing with Inconel Superalloy 625 begins.**

Aurora Labs Limited (“A3D” or “the Company”) (ASX:A3D), is pleased to provide its quarterly report to shareholders and appendix 4C for Q1 FY2025.

Commenting on activities, CEO Rebekah Letheby said:

“The alignment of bringing the AL250 machine into the industrial print services bureau, coinciding with the need to ramp up production for defence customers, has increased our print output. We have been studying the best methods to vertically integrate print production of our micro gas turbines into our services bureau. We are looking to fine tune our serialised print production, to achieve the most cost-effective throughput, optimising the end cost for the turbine.

Increasing focus on the demand for the MGT has made this a most pressing issue which we believe will show great dividends for shareholders and the Company in 2025.”

Micro Gas Turbine (MGT)

Aurora Labs successfully continued further flight and bench testing of the micro gas turbine engine. A second round of successful flights have been made, with a range of telemetry recorded.

The micro gas turbine 20kg thrust model has now been demonstrated to a number of interested industrial based customers. As the team works toward the serialisation and production of the turbine at scale, we are looking to market the turbine to customers with a need for large volume orders in the UAV and energy generation industries.



3D Printed Engine Case: This part illustrates the benefits of consolidating parts as one assembly.

In advancing a number of these customer discussions we have been able to demonstrate the application in further flights and through our engine test bench facilities. Customers are looking for a reliable engine with the capability of a traditional micro gas turbine but with the added advantage of fuel efficiency. A3D continues to vigorously pursue the advancement of the commercial prospects for its newly developed micro gas turbine.

Industrial Print Services Bureau

Aurora Labs remains focused on building revenues from its print services business, utilising existing printers at A3D's Canning Vale facility. The Company served customers in the defence, resources, and oil & gas industries throughout the quarter. Work was completed for our customers Alcoa and Fortescue, alongside finalising our first delivery of printed products for our Defence purchase order received in June. Having now received a further PO directly from Defence for \$46,094, which confirms that our work and services are well supported with the defence network, we will continue to produce further printed product to requirement. Alongside these orders we will continue to produced printed products for Alcoa this quarter to fulfill an order for \$233,800.

Project work for ISO 9100D certification is underway for the services business, aiming to enhance capabilities in the aerospace and defense markets with high-precision 3D metal printed components. The 9100D certification will position the Company strongly for future 3D metal printing work which requires precision quality requirements particularly tailored for parts production which enter this highly exacting supply chain with a need for quality and safety as its cornerstones.



Printed parts displayed at a tradeshow event

AL250 Printer

The team has made significant advancements in printing with the AL250 through the past months in A3D's industrial printing service bureau. The AL250 is performing well, and the team are working through fine tuning parameters for Inconel 625 parameter development using the new general user interface and testing the print production workflow.

Inconel 625 parts have been printed and we continue to work with this material printing combustion chambers for our micro gas turbine production, along with producing parts for defence in other exploratory materials for defence.

Defence Engagement for Printing Services

A3D has completed several significant steps in printing for Department of Defence to supply experimental metal alloy 3D printed parts. The printed materials have been received well and will undergo thorough testing through the Defence Science and Technology Group. This contract continues to stimulate further interest at the researcher and end use levels. A number of new materials may be targeted for further exploration with Aurora as experimental requirements develop in the upcoming quarter.



The Company's participation at the recent Indian Ocean Defence and Security Conference (IODS) in Perth and also the major Land Forces 2024 Conference in Melbourne, proved excellent in providing defence engagements at the highest levels of the sector.

Over 700 companies attended the recent Land Forces trade show, with 45 countries sending delegates from militaries in the Asia Pacific and beyond. Engagements included meeting with larger defence primes through to targeted SME's in the UAV sector. This was an unparalleled opportunity to talk about industry programs which need engagement from specialist local manufacturers in the additive manufacturing sector, who can provide specialised knowledge and printing services in country.

Our participation at both conferences has allowed us to showcase A3D's advanced metal printing capabilities to a highly targeted audience, exposing the audience to the capability of 3D printed parts tailored for specific defense applications. The increase in contact from defence customers with a wide variety of requirements has shown that our focus is paying dividends, and continued work with defence customers such as Innovaero and others demonstrate this growing need for our print services business.

Customers have identified a unique value which our metal printing technology brings, such as rapid prototyping, customised production due to our unlimited control of our own technology and process, and the ability to create complex geometries that traditional manufacturing methods cannot achieve.



BAE Ground vehicles on display at the Land Forces Conference

Research and Development Advancements

The research and technology development team focused on further test work and development of propulsion engines to further improve the commercial benefits of the printed micro gas turbine. This included further detailed design work for new system components for larger scale micro gas turbines.

Aurora Labs continues to work diligently on the 200 and 400 class micro gas turbines, preparing the units for commercial sale and focusing on optimising the printing and production.



Corporate, Finance and Cash Position

During the quarter, related party payments were approximately \$79,000 including director fees paid from the approved pool of fees as approved by shareholders. On 30th September 2024, the Company's cash at bank was approximately \$1,207,067. Net funds of \$379,664 were received in the quarter from the R&D Tax Incentive refund of \$640,002 less repayment of R&D Loan and fees (\$260,338).

Ends

Approved for release by the Company's Board of Directors.

For further information, please contact: Rebekah Letheby, Chief Executive Officer

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ABOUT AURORA LABS

Aurora Labs Limited ("the Company"), an industrial technology and innovation company that specialises in the development of 3D metal printers, powders, digital parts and their associated intellectual property.

Aurora Labs 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

Appendix 4C

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

Name of entity

Aurora Labs Limited (ASX: A3D)

ABN

44 601 164 505

Quarter ended ("current quarter")

30 September 2024

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (3 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	45	45
1.2 Payments for		
(a) research and development	(116)	(116)
(b) product manufacturing and operating costs	(6)	(6)
(c) advertising and marketing	(4)	(4)
(d) leased assets		
(e) staff costs	(492)	(492)
(f) administration and corporate costs	(357)	(357)
1.3 Dividends received (see note 3)		
1.4 Interest received		
1.5 Interest and other costs of finance paid	(8)	(8)
1.6 Income taxes paid		
1.7 Government grants and tax incentives	640	640
1.8 Other		
1.9 Net cash from / (used in) operating activities	(298)	(298)

2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities		
(b) businesses		
(c) property, plant and equipment	(27)	(27)
(d) investments		
(e) intellectual property		
(f) other non-current assets		

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

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (3 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	(27)	(27)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities) (See Note 1 below)		
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options	113	113
3.4	Transaction costs related to issues of equity securities or convertible debt securities		
3.5	Proceeds from borrowings	65	65
3.6	Repayment of borrowings	(252)	(252)
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (repayment of leases)	(41)	(41)
3.10	Net cash from / (used in) financing activities	(115)	(115)

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

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,647	1,647
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(298)	(298)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(27)	(27)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(115)	(115)
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	1,207	1,207

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	1,207	1,647
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)	1,207	1,647

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	(79)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	
<i>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.</i>		

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

7. Financing facilities	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
<i>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.</i>		
7.1 Loan facilities		
7.2 Credit standby arrangements (credit cards)		
7.3 Other (please specify)		
7.4 Total financing facilities		
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 a facility with Mitchell Asset Management for R&D funding, were funds are available to be drawn down to 80% of the expended value of R&D that has been spend to date, as confirmed by our R&D advisor and tax advisor. The interest rate that is applicable is 18%. The facility is secured by the 2024 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)	(298)
8.2 Cash and cash equivalents at quarter end (item 4.6)	1,207
8.3 Unused finance facilities available at quarter end (item 7.5)	-
8.4 Total available funding (item 8.2 + item 8.3)	1,207
8.5 Estimated quarters of funding available (item 8.4 divided by item 8.1)	4 quarters
<i>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.</i>	
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?	
Answer:	
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:	
<i>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.</i>	

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 October 2024

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.