



# ASX Announcement

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## CORPORATE DIRECTORY

Chairman  
GRANT MOONEY

Non-Executive Director  
MEL ASHTON

Non-Executive Director  
TERRY STINSON

Non-Executive Director  
ASHLEY ZIMPEL

CEO  
PETER SNOWSILL

## Aurora Labs Corporate Update May 22

### Highlights:

- Printing Demonstration Campaign successfully progressed to mid-way point
- Discussions continuing with prospective partners, Australian-based and overseas
- Continuing to advance commercial printer machine design development and design for manufacturability engagement
- Industrial Print Service engagements commenced, with several print Purchase Orders received

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Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), wishes to provide its Corporate Update to shareholders for May 2022.

### Print Demonstration Campaign

Announced during the Q3 FY2022, a print campaign to demonstrate system reliability, quality, and repeatability, is underway.

The project, overseen by The Barnes Global Advisors (TBGA), is closely linked to the Company's active commercialisation strategy and will demonstrate A3D technology's ability to repeatedly produce printed material that meets draft SAE International aerospace standards AMS7039 and AMS7032.

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**ASX CODE: A3D**  
**ACN: 601 164 505**

Upon successful completion, A3D will be one of the first additive equipment companies compliant to print metal parts to the targeted aerospace 3D printing standards once they are approved. Globally, A3D will be the first to achieve this status at 1500W laser power. The work will concurrently generate operational data that is expected to increase the Company's value proposition and significantly enhance prospects for commercial partnership agreements.

The Company is at the mid-point of the campaign, having completed 13 builds, and printed 25 parts utilising 130kg of melted material. The completed prints demonstrate robustness of A3D's printer technology through consistent performance across full build chamber volume and multiple print jobs that

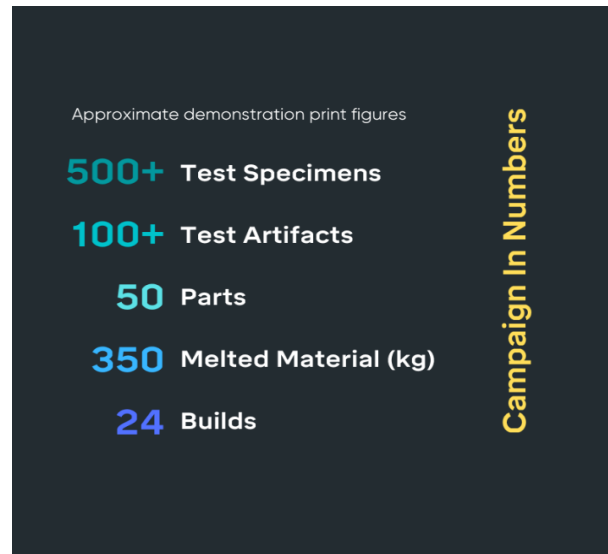


First batch of test specimens and artifacts collated and ready to be sent for testing.

reinforce previously published print parameters at 1500W laser power, including high productivity parameters achieved at thicker print layer heights.

Throughout the campaign, A3D continues to focus on optimising high power, high productivity printing outcomes and are reinforcing company IP through the ongoing development of unique approaches to dynamic heat management.

The second half of the campaign includes higher build chamber volume and larger prints and will culminate in the completion of AMS7039 and AMS7032 compliance prints. The first batch of print samples have been prepared for external metallurgical analysis and this data will be analysed as it received.



## Partnerships & Business Development

A3D is actively engaged with several prospective commercialisation partners across the advanced manufacturing landscape. The conversations are covered under Non-disclosure Agreements and technical and commercial information exchange sessions are underway, including Original Equipment Manufacturers (OEMs) in the Additive Manufacturing (AM) industry as well as companies capable of producing complex industrial machines with an interest in entering the AM sector.

A3D is continuing to explore potential partnerships. The Board's preferred structure of a partnership is either a direct equity investment in Aurora Labs Limited or via an equity position in a Joint Venture Business or Special Purpose Vehicle established with specific commercialisation rights.

After the lifting of COVID related travel restrictions, the Company is pleased to be able to attend the leading US Additive Manufacturing trade show, RAPID + TCT, in Detroit from May 17-19. This is an excellent opportunity for A3D to update industry contacts, re-engage with companies interested in future printer sales and print services and progress our commercialisation activities.

## Commercial Printer Design

Commercial printer design is being progressed by A3D's engineering team with baseline configuration, functional description, design basis and design gap documentation completed. A3D led design development activities are proceeding in conjunction with engagement with potential manufacturing partners, to address design for manufacturability requirements. Interdependency between the design development, print demonstration campaign and potential commercialisation partnerships is being monitored and managed to optimise A3D's engineering activities. Based on market analysis and



feedback, A3D has identified specific machine performance and cost targets to ensure that the product is attractive to potential partners and end use customers.

## Printing Services

The A3D team has continued to promote their industrial print services and are starting to receive orders both directly and via the AdditiveNow JV. Although the order values are not material, Aurora is encouraged by the increasing interest shown by the local market in AM and the demonstration of the viability of A3D's technology competing with traditional forms of manufacture.

Additionally, the first purchase orders have been received for A3D's newly commissioned High Temperature plastic printer. PEEK components reinforced with Carbon Fibre have been ordered to determine their operational viability, with an expectation that more items will be requested in the near future.

A3D recently hosted a visit from the Australian Supply Chain Institute, providing an introduction to 3D printing and an active discussion about supply chain resilience opportunities associated with WA-based print services.

CEO Peter Snowsill commented:

"The last couple of months have been extremely busy for A3D, with progress being made on numerous fronts. Our commercialisation efforts continue, and I look forward to the discussions at Rapid + TCT in Detroit. I'm also pleased to see our print services gaining momentum, as I view this as a leading indicator of our technology and the value proposition we offer to clients. Lastly, we continue to progress our design for manufacture, which is critical to us releasing a robust and productive AM production system."



*Members of the Australasian Supply Chain Institute observing a print during their recent visit to Aurora Labs.*

Ends



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

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## 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](mailto:enquiries@auroralabs3d.com)