



ASX Announcement

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A3D Defence Engagement

Highlights:

- **A3D continuing fast track of printing defence components for customer, Chiron Global Tech for second phase testing.**
- **Ongoing application discussions with customers in target markets of defence and aerospace continues with positive responses.**

Aurora Labs Limited (“A3D” or “the Company”) (ASX: A3D) is pleased to announce its continued engagement with defence and aerospace customers for the use of A3D’s industrial print services to print components for defence applications.

Commenting on activities, CEO Rebekah Letheby, said:” The design for additive manufacture of parts with defence applications has accelerated quickly to a stage where we are now undergoing mechanical testing which is advancing well. We have a strong level of interest in A3D’s printed parts from select defence customers such as Chiron Global Tech.

It is our goal to have a cutting-edge piece of 3D printing technology to sell to the sizeable defence and aerospace markets in the future, while also 3D printing parts for serial applications which have a place in the defence market. Printing for customers like Chiron Global Tech helps to fast track our progression in the design and engineering of our machines as well as advancing our capabilities to print parts for applications which must perform against a high level of technical specification.”

Industrial Printing Services – Chiron Global Tech

A3D has been applying design for additive manufacture (DfAM) processes, 3D printing, and mechanical testing in a current second rapid round of work for customer, Chiron Global Tech, an Australian technology company providing advanced training and operational protective equipment to defence and law enforcement customers. A3D is working with Chiron’s engineering team to provide printed components that will be integrated into the Chiron-X1 advanced composites, high impact combatives training suit. The ease at which 3D printing enables design changes to a part to allow for effortless 3D printing is evident in the fact that multiple designs of the same part can be produced in one print and move to testing the following day. Prints can occur in less than a day and therefore rounds of testing can be finished in days rather than weeks. This manner of preparing for serial print production is extremely efficient compared to traditional manufacturing which might use several, slower methods of production.



Production efficiency, the weight of armour components, and mechanical strength are key areas of A3D's testing focus. These two items are intrinsically embedded in A3D's additive manufacturing process by optimising parts which can be lightweighted through design or material selection, but which ensure performance of the required mechanical properties. This will allow the wearer of printed components to withstand the impact force and avoid carrying extra weight, this is an excellent demonstration of where 3D printing can excel.



A3D is 3D printing some of the hardware components for the Chiron-X1 carbon fibre suit (pictured) for testing as a potential solution for Chiron Global Tech's scaled manufacturing scale up.

<https://chironglobal.tech>

Defence Industry Engagement, Further Steps

The Company will be visiting Canberra this coming May to meet with defence customers and supply data from a current testing round of specific defence parts, printed for aerospace applications. Printed parts and the use of additive manufacturing in the defence and aerospace industries will continue to be promoted to both large and small enterprises seeking innovative solutions provided by additive manufacturing.

In parallel, the Company continues to work towards delivery of the first AL250 printer and preliminary design works on the Multi-layer Concurrent Printing (MCP) prototype.

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