ASX Announcement

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A3D Prints Demonstration Gas Turbine

Highlights:

- A3D will showcase a 3D metal print of a gas turbine component at the Sydney IndoPac Maritime Conference.
- The turbine represents a complex example part which is targeted to defence customers highlighting A3D's additive manufacturing machine capabilities and engineering design strengths.

Aurora Labs Limited ("A3D" or "the Company") (ASX:A3D), is pleased to announce details of printed componentry which will be displayed at the IndoPac Conference in Sydney this week which is aimed at defence customers and manufacturers.

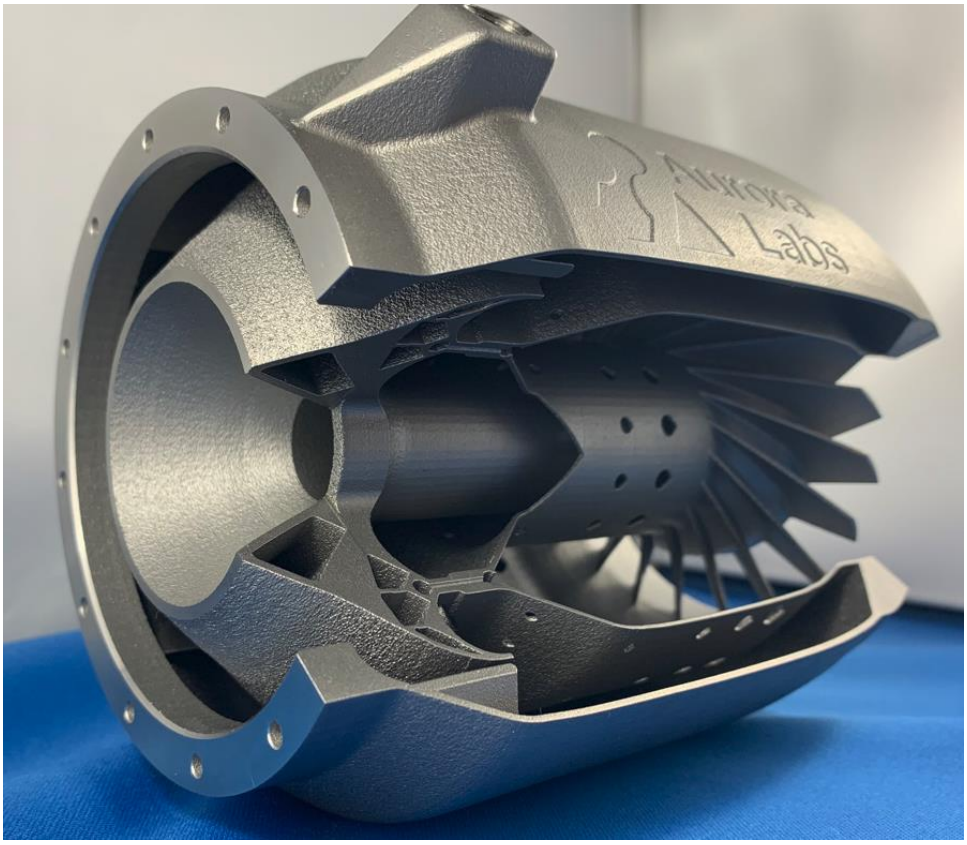
A3D's commercial printing services have been dedicated to producing intricate and technically difficult components which have applications for defence. A gas turbine component (130mm outside diameter x 150mm high) will be available for ticketed attendees to view and is an example of the printing abilities of the laser powder bed fusion machine designed and built by the A3D team.

This gas turbine component is highly regarded within the additive manufacturing industry for its technical complexity. It features numerous intricate channels and through-holes that need to be printed without support and must be free of residual powder once removed from the build chamber. Additionally, the part also includes numerous sharp angles and overhangs, a term commonly used in additive manufacturing to describe sections of a component that lack support from underlying layers and are defined by overhang angle and height.

The ability to design, manufacture, process and prepare this gas turbine for display in a matter of several days is a massive advantage for defence applications where supply chain delays are largely unacceptable and solutions to part failures and replacements require near immediate response times.

Gas turbines have a high power to weight ratio and can be easily light weighted or reduced in complexity by additive manufacturing design processes, furthering their use in defence applications. The turbine geometry can be printed quickly as a small number of components which cannot be replicated by traditional manufacturing methods which require machining in several stages, versus one print. Turbines can be printed in several corrosion resistant materials, or use specialised materials where fatigue or heat are of concern to ensure a high number of operating hours, in order to combat corrosion, creep or cracking.

CAD Drawing of the gas turbine demonstration part



3D Printed gas turbine of the above CAD file

CEO Rebekah Letheby commented:

"The successful printing of such complex features is a testament to the Team's expertise. It shows our customers that we have a machine capable of printing at a high level of technical difficulty and that they can rely on an Aurora machine to do such demanding work, meeting quality specifications. "

Aurora expects to hold several conversations with interested parties at the IndoPac Conference regarding this category of printing and this example part assists in leading the way for defence customers to embed Aurora 3D printers within their own manufacturing lines and businesses.

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