



AMAERO INTERNATIONAL LIMITED (ASX:3DA)

Investor Briefing

19 December 2023

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Amaero is at the forefront of America's industrial manufacturing renaissance.

- Set against a complex geopolitical landscape with global supply chain disruption, we are witnessing the reshoring of critical manufacturing capabilities to the United States.
- Enhancing the resiliency and scalability of defence production supply chains is a U.S. national priority.
- This is particularly applicable for primacy defense capabilities such as hypersonic weaponry and strategic missiles.
- And, this is coupled with strong innovation and investment cycle in space and satellites.



Thriving Tennessee Valley offers a rich regional ecosystem.

- Tennessee is business-friendly and close to customers, R&D partners, supply chains, skilled employees and capital markets.
- Amaero signed 15-year lease on purpose-built and completed 9,300 square meter manufacturing facility.
- Amaero has secured long-term support from the Tennessee Valley Authority (TVA), including investment credits and a 10-year electricity rate subsidy.
- Leveraging our proximity, we expect to closely collaborate with Oak Ridge National Laboratory and the University of Tennessee, Knoxville to advance applied research and development projects.
- Our location in the Tennessee Valley positions us nearby the industry ecosystem in Huntsville, Alabama.



Tennessee is the best state in the nation for companies to succeed, thanks to our strong economy, unmatched business climate and highly skilled workforce. I thank Amaero for choosing Tennessee to establish its first U.S. facility and for creating more than 100 jobs in Bradley County, providing greater opportunity to Tennesseans.

Bill Lee – Governor

The following representative companies are in the Tennessee Valley area.



Led by industry pioneers with proven track records



Executive



Hank J. Holland
Chairman & Chief Executive Officer



Eric Bono
President & Chief Technical Officer

Operations



Chris Scanlon
Chief Financial Officer



Jay Chandran
Chief Operating Officer

Commercial



Steve Kachur
Chief Commercial Officer



Ken Davis
VP, Corporate Development

Technical



Fred Yolton
Technical Fellow – Powder Metallurgy & Materials Engineering



Dr. David Schmidt
Director of Computational Analysis



Dr. Ron Aman
Director of Manufacturing

Management team has prior employment experience with the above entities.

Critical applications for high-temperature materials



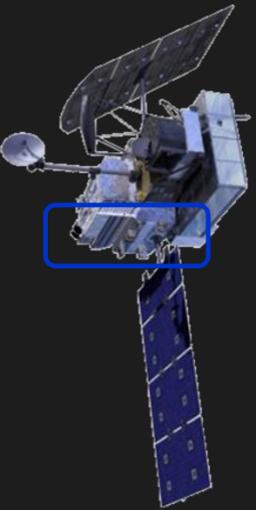
- Hypersonic weapons require high-temperature materials for their thermal protection systems
- For rocket nozzles of the launch and propulsion systems of the weapon
- The hypersonics market is rapidly evolving in order to develop and field offensive and defensive capabilities



- Strategic missiles require high-temperature materials for their first-, second-, and third-stage rocket nozzles
- The missiles also require high-temperature materials for their reentry vehicles, which experience extreme environments as they travel back through the atmosphere
- The U.S. is currently recapitalizing its ground-based strategic missile arsenal via the Sentinel program



- Space launch vehicles require high-temperature materials for their first- and second-stage rocket motor nozzles, which must endure extreme conditions during launch
- The space launch market is evolving as additional suppliers enter the market and the cost per launch decreases
- CI03 is well-established in this market for second-stage rocket motor nozzle extender applications



- The market for high-temperature materials in the satellite market is developing as smaller, more maneuverable designs are launched and fielded
- High-temperature materials are required for the thruster nozzles of satellites
- These in-space propulsion systems have unique requirements in order to operate in the extreme environments of space

Amaero's focus on C-103 and specialty alloy powders

<https://investorhub.amaero.com.au/activity-updates/amaeros-refractory-alloy-powder-capabilities-video>

Atomiser delivered to Tennessee facility



Looking ahead...

Progress in December and line of sight to milestones

- Capital raise upsized by 25% and was oversubscribed by 50%+. Pegasus led capital raise with \$4 million commitment subject to shareholder approval at EGM on 22nd December.
- Advancing corporate credit facility with US based bank.
- 1st atomizer delivered to Tennessee facility.
- Final design and engineering advanced with Phase I design completed. Commenced construction of Phase I fit out.
- Fairmont Consulting Group Market Study completed.
- Finalizing engagement with U.S.-based investment bank to advise Amaero in connection with strategic financing, corporate strategy and financial planning.
- Finalizing purchase order for 2nd atomiser.
- Expect to commence installation of 1st atomiser in advance of prior April guidance.
- Advancing commercial discussions, including offtake agreement and feedstock supply agreement.
- Advancing government grant / funding discussions.

Detailed Market Data

Detailed review of over 550 discrete programs related to the markets of interest: hypersonic & strategic missiles and satellite & space launch vehicles. Bottom-up build of the C-103 addressable market.

15 Page Executive Summary

Narrative overview of Fairmont's analysis, Amaero's addressable market and pricing, company position, growth opportunities beyond C-103, and key recommendations.

61 Page Market Report

Comprehensive report detailing Fairmont's market assessment. Key program detail and outlooks, granular market analysis, Amaero market positioning, and go-to-market assessment. Detailed write-ups of critical stakeholder discussions.

Amaero Market Study - Missile Market Landscape and Served Market Assessment

Legend: Market Addressable/Target

Segment	2022	2023	2024	2025	2026	2027	2028	2029	FY22-FY29 CAGR	FY22-FY29 CAGR
Total Served Market (SM) for High Temperature Missiles by Segment										
U.S. Hypersonic	\$10,230,000	\$13,270,000	\$17,310,000	\$22,350,000	\$28,390,000	\$35,430,000	\$43,470,000	\$51,510,000	18%	18%
U.S. Strategic Missile	\$10,230,000	\$13,270,000	\$17,310,000	\$22,350,000	\$28,390,000	\$35,430,000	\$43,470,000	\$51,510,000	18%	18%
U.S. Space Launch Vehicle Programs	\$10,230,000	\$13,270,000	\$17,310,000	\$22,350,000	\$28,390,000	\$35,430,000	\$43,470,000	\$51,510,000	18%	18%
U.S. Satellite	\$10,230,000	\$13,270,000	\$17,310,000	\$22,350,000	\$28,390,000	\$35,430,000	\$43,470,000	\$51,510,000	18%	18%
Total	\$10,230,000	\$13,270,000	\$17,310,000	\$22,350,000	\$28,390,000	\$35,430,000	\$43,470,000	\$51,510,000	18%	18%



Amaero International
Executive Summary

Prepared For



6 December 2023

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Amaero International
Market Study

Prepared For



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Data to inform production and price planning. Insightful business development tool

Summary of Amaero's market opportunity intended for external use

Comprehensive report with granular data, analysis and recommendations intended to be proprietary and for internal use



AMAERO

Questions



For more information, contact info@amaeroinc.com