ARIA DYNAMICS LLC

Capability Statement · November 2026

Jonathan Kofman, Founder & Owner
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Precision parts for chip, fusion and quantum equipment. An AI factory for precision metal parts, where software does each step and people approve every one. Built to out-quote and out-deliver: the claim we are here to prove.

CORE COMPETENCIES

- **Precision machined parts** in small lots and repeat orders, for the makers of chip, fusion and quantum equipment.
- **Materials:** every metal is on our list, from aluminum to molybdenum, plus plastics and wood. Tungsten, molybdenum and Inconel will be proven on test parts before any customer part. Material is quoted on its own line.
- **Target parts:** vacuum chamber components, flanges, ports and fixtures; cryogenic copper and aluminum mounts; ion-implant and fusion parts in tungsten and molybdenum; magnet and coil hardware.
- **Engineering:** CAD, CAM programming, GD&T review, quoting and first-article inspection planning, done in-house.
- **Program checking:** every 3-axis CNC program is checked in simulation against the part and the stock before it cuts. In our tests the checker caught 34 of 51 planted faults and found 10 real faults in 43 programs from outside shops, with 14 false alarms.

HOW WE WORK

- We agree the drawing revision, material, inspection, cleaning and acceptance requirements before the first part.
- Each quote names every operation and who performs it, or we give a straight no-quote with the reason.
- Every job gets one package: the model, the program, the drawing, the setup sheet, the inspection plan and the record of who approved what.
- We agree how technical data is exchanged before receiving it. Controlled technical data does not transit consumer cloud services.
- Until our own cell runs, parts are made at partner shops approved for each material. Our first 5-axis cell, built around a leased Haas UMC-400, is planned for May 2027.

HONEST STATUS

- Pre-revenue. No past performance yet; first quotes in progress.
- We do not yet own production machines. We haven't cut tungsten, molybdenum or Inconel yet; each will be proven on test parts before any customer part.
- Quality manual and procedures drafted, not yet adopted. ISO 9001, then AS9100D, planned; no certification is held.
- No facility clearance. No CUI or export-controlled data received to date. Cybersecurity not yet assessed.

COMPANY DATA

Legal name	**ARIA DYNAMICS LLC**
Entity	**NJ limited liability company, formed 2026-09-01**
NJ entity ID	**0451521342**
SAM.gov	**Active since 2026-10-01**
CAGE code	**25L11**
UEI	**PJ5NRGNDSFV1**
D-U-N-S	**14-993-1015**
NAICS	**332710 (primary) 332721**
Size status	**Small business (SBA size standard, both NAICS)**
State certification	**NJ Small Business Enterprise (SBE), approved 2026-09-24**
NJSTART vendor	**V00117787**
Federal certifications	**None (8(a), HUBZone, WOSB, SDVOSB)**

WORKING WITH

New Jersey Manufacturing Extension Program (NJMEP): finding and screening New Jersey machine shops, and advising on our quality system.

NJSBDC at Fairleigh Dickinson University: advising on our financial plan.

CONTACT

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Send your supplier registration link or form and we will complete it.