

SPLINE ARC LLC

Capability Statement

Additive Manufacturing | Custom Plastics | Houston, TX

COMPANY OVERVIEW

Spline Arc LLC is a Houston-based additive manufacturing firm providing FDM 3D printing, prototyping, and short-run production services for commercial, industrial, and government clients. Our SAM-registered entity operates a local production floor with professional-grade tolerances ($\pm 0.2\text{mm}$) and the ability to scale build capacity to project requirements.

CORE COMPETENCIES

- **Functional Prototypes** — Rapid turnaround parts for design validation and testing ahead of full-scale production
- **Short-Run Production Parts & Manufacturing Aids** — Jigs, fixtures, alignment tools, and custom tooling for maintenance operations; electronic and equipment housings; protective covers and dust caps; mounting brackets, clips, and hardware; ergonomic grips and handles; end-of-arm tooling and line replacement components for government-owned facilities and defense industrial base suppliers
- **UAS/Drone Components** — Airframes, mounting hardware, and payload housings for unmanned aerial platforms, built on demonstrated production experience with agricultural UAV systems
- **Custom Components for Harsh Environments** — Specialty fittings and functional parts in engineering-grade materials (ABS, PETG, Nylon, TPU, ASA) for oil, gas, energy, and defense applications
- **Replacement & Obsolescence Parts** — On-demand manufacturing of legacy components where original tooling no longer exists
- **Production Runs, 10 to 500 Units** — Sized batches in engineering-grade plastics for testing, launch, or inventory stocking

PAST PERFORMANCE / RELEVANT EXPERIENCE

- **Off-Road Vehicle Components** — Functional components and switch panels produced for off-road vehicle applications
- **UAS Battery Housings** — Protective housing components for drone battery systems, produced for agricultural UAV platforms
- **Air Filtration Housings** — Custom filter housing components for air filtration applications
- **Architectural Lighting Housings** — Custom lighting housing components for architectural design applications
- **Market-Launch Prototypes** — Functional prototypes developed for products headed to commercial market launch

DIFFERENTIATORS

- **Domestic production, Houston, TX** — serving federal facilities across Texas and the Gulf Coast with no overseas lead times or supply chain risk
- **Speed** — 24-hour turnaround on quotes; production lead time provided per project based on scope and quantity
- **No tooling costs** — additive manufacturing eliminates mold and die expense for low-volume runs
- **Flexible contracting** — fixed-price quoting, deposit-based payment terms for larger orders, Government Purchase Card accepted for micro purchases
- **IP protection** — NDA protection standard for sensitive projects

MATERIALS

PETG, ASA, PC, Nylon, TPU, ABS, Carbon Fiber-Infused Filaments

COMPANY DATA

Legal Name	Spline Arc LLC
CAGE Code	20U91
UEI	DZ6KN7BYK4X6
NAICS Codes	326199, 332710, 336413, 541715
PSC Codes	AJ12, AJ13, 1680, 9330
Business Type	Small Business, Woman-Owned
SAM.gov	Active Registration
Location	Houston, TX (Nationwide service area)

POINT OF CONTACT

Maria Qureshi, President & CEO Phone: (281) 699-1495 Email: maria@splinearc.com Web: <https://www.splinearc.com>