

# SPLINE ARC

RAPID PROTOTYPING · ADDITIVE MANUFACTURING

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CAGE CODE

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SAM.GOV

Active · exp 2027-05-20

LOCATION

Houston, TX

## 01 COMPANY OVERVIEW

Spline Arc LLC is a Houston-based rapid prototyping and additive manufacturing firm delivering fast-turnaround 3D printing, CAD/CAM engineering support, and small-batch production for product developers, engineering teams, and research organizations. We pair a multi-printer industrial FDM production cell with in-house CAD/CAM engineering to take a design from file to finished part in **24-72 hours**.

## 02 CORE COMPETENCIES

**01 RAPID PROTOTYPING** Functional prototypes, fit-check models, and proof-of-concept parts in PLA, PETG, ABS, TPU, and engineering composites.

**02 ENGINEERING SUPPORT** Design-for-manufacturing review, tolerancing guidance, and material selection for additive processes.

**03 SMALL-BATCH PRODUCTION** 10-500 unit runs of jigs, fixtures, enclosures, brackets, and custom tooling.

**04 REVERSE ENGINEERING** Dimensional replication of legacy parts for sustainment and obsolescence mitigation.

## 03 DIFFERENTIATORS

→ **SPEED WITHOUT COMPROMISE.** 24-72 hr standard delivery on functional prototypes; same-day available for critical-path parts.

→ **ENGINEERING-NATIVE WORKFLOW.** We work in CAD, tolerances, and material specs — not just “print this file.”

→ **HOUSTON-BASED, NATIONWIDE CAPABLE.** Local pickup plus standard USPS / UPS / FedEx shipping.

## ◆ FACILITIES & EQUIPMENT

- Multi-printer industrial FDM production cell
- In-house CAD/CAM engineering — DFM, tolerancing & design support
- Post-processing: support removal, vapor smoothing, surface finishing
- Lead time: **24-72 hr** standard · same-day critical-path

## ◆ MATERIAL LIBRARY

PLA · PETG · ABS · ASA · TPU  
PA (Nylon) · PC · fiber-reinforced composites

## ◆ PAST PERFORMANCE

- Agriculture UAV** — custom drone mounts & airframe component parts for ag spray/mapping platforms
- Aerospace research** — structural brackets for UAV flight testing
- Industrial mfg** — custom mounting brackets, jigs & fixtures
- Consumer startup** — 100-unit market-validation pilot run

Performance summaries and contact references available upon request for qualified solicitations.

## ◆ NAICS CODES

332810 Coating / Heat Treating  
333249 Industrial Machinery Mfg  
541330 Engineering Services  
541512 Computer Systems Design  
541519 Other Computer Related  
541710 R&D, Physical Sciences

## ◆ CERTIFICATIONS & REGISTRATIONS

- ✓ **SAM.gov** — Active registration
- ✓ **Woman-Owned Small Business (WOSB)**
- ▶ WOSB / EDWOSB formal certification — in progress

SET-ASIDE ELIGIBLE

**WOSB · EDWOSB**

Eligible for woman-owned small business set-aside and sole-source vehicles. **Quotes returned within one business day** of receiving CAD or drawings.