

Aetherforge is a small additive manufacturing shop in Texas working as a subcontractor to prime contractors. We produce production-grade FDM and resin parts in engineering polymers, inspected in-house. This statement lists what we can build today and which registrations we do and do not hold.

CORE COMPETENCIES

- ✓ Tooling, jigs and fixtures — shop aids, alignment tools, assembly fixtures.
- ✓ Obsolete and replacement parts, reverse-engineered from a sample or drawing.
- ✓ Organisational and support equipment — trays, racks, mounts, housings.
- ✓ Prototypes and low-volume production, to 500 units per run.
- ✓ Enclosures and protective housings in UV-stable or impact-resistant material.

MANUFACTURING CAPABILITY

PROCESS	FDM · MSLA RESIN
FDM PLATFORM	BAMBU LAB H2S
RESIN PLATFORM	ELEGOO JUPITER 2 · 16K
MACHINES IN SERVICE	4
BUILD VOLUME · FDM	340 × 320 × 340 MM
BUILD VOLUME · RESIN	302 × 162 × 300 MM
LAYER HEIGHT RANGE	0.08 – 0.28 MM
DIMENSIONAL ACCURACY	±0.2 MM OR ±0.2%
HOTEND / CHAMBER	350°C / 65°C HEATED
BATCH CAPACITY	TO 500 UNITS / RUN
LEAD TIME	24-48H STOCK · 5-7D BATCH
ACCEPTED FILES	STL · STEP · 3MF · OBJ

MATERIALS STOCKED

NYLON-CF	STIFF, LOW CREEP
ASA	UV STABLE
PETG	TOUGH, CHEMICAL RESISTANT
PLA	RIGID, DISPLAY & FIT CHECK
TOUGH RESIN	IMPACT RESISTANT
STANDARD RESIN	FINE DETAIL

WHY AETHERFORGE

- ✓ Domestic production. Everything is made in Texas — no overseas lead times, no import exposure, and a shop you can drive to.
- ✓ Honest scoping. If a part is better machined or bought than printed, we say so rather than quote work we cannot hold.
- ✓ Repeat production, not one-offs. Current work is recurring orders on fixed geometry, run to the same spec each time.

PAST PERFORMANCE

Retail display hardware

EVOLUTIONS TRADING — KILLEEN, TX

SCOPE / QTY	96 DISPLAY CARD RISERS
MATERIAL	PLA
STATUS	IN SERVICE · MONTHLY USE

Deployed at a comic convention as customer-facing retail display. Client reported unprompted positive feedback from attendees on appearance and function.

Clinical handling & organisation equipment

VETERINARY CLINIC — TEXAS

SCOPE	INSTRUMENT TRAYS · VIAL RACKS
MATERIAL	PETG
STATUS	IN PRODUCTION · DAILY USE

Repeat production for daily clinical workflow. Handling and organisation items only — not patient-contact or sterilisable devices. We do not manufacture medical devices.

QUALITY

- ✓ Every part measured against spec before packing.
- ✓ Non-conforming parts reprinted at our cost.
- ✓ Certificates of Conformance available on request.
- ✓ First article on request before the balance is run.
- ✓ Material lot recorded per job for traceability.

Not ISO 9001 or AS9100 certified — the above is a documented in-house process, not an accredited quality system.

REGISTRATIONS

BUSINESS SIZE	SMALL BUSINESS
UEI	LR9S37HLWN7
SAM ENTITY REGISTRATION	IN PROGRESS
CAGE CODE	PENDING REGISTRATION
ITAR / DDTG	NOT HELD
CMMC	NOT ASSESSED
ISO 9001 / AS9100	NOT CERTIFIED

Non-controlled technical data only. No CUI. Non-critical parts — not flight-critical, safety-of-life, or weapons components. Mutual NDA signed before any drawing package is sent.

- ✓ You deal with the operator. No account layer between the person quoting the job and the person running the machine.
- ✓ Small-batch economics. No tooling cost, so 25 units is as viable as 500 and a revision does not scrap an investment.

COMPANY DATA

LEGAL ENTITY
Aetherforge LLC

FACILITY
Bay 4, Unit B — Texas, USA

PRIMARY NAICS
326199

CONTACT
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SECONDARY NAICS
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ACCEPTS
RFQ · purchase order · NDA

UEI
LR9S37HLWN7

CAGE CODE
pending registration