



CAPABILITY STATEMENT

UEI: DFH7PRN75JR5 · CAGE: 9RF70
ITAR REGISTERED · DUNS: 010460094

Minority Owned Small Business

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Hot Shot Fabrication's mission is to consistently deliver innovative machining and metal fabrication solutions that create the best value for our Customers, driven by commitment to quality, performance, reliable service and Customer satisfaction. This company culture presents to you a focused, specification critical and compliance driven company. As a complete in-house operation, we offer CNC machining, CNC laser cutting, welding, forming, assembly, and CMM inspection capabilities, enabling tight control over quality, lead time, and delivery.

Serving Defense, Aerospace, and Robotics.

10+ YEARS
20+ MACHINES
15K+ SQ FT FACILITY
Expedited TURNAROUNDS

CORE PARTNERSHIP PILLARS

PROGRAM ALIGNMENT

Our job **is not** just delivering parts. We want to understand the mission the demands, pressure points, and what success looks like for the people we're supporting. That means being prepared for TDP meetings with SQEs, design reviews, and quality assurance discussions so we show up with something to contribute. When a problem comes up, we're already oriented toward solving it. **A supplier who is aligned with the mission is more valuable than one who is not.**

RESPONSIVENESS

Communication is something we take seriously at every level. We place emphasis on **same-day acknowledgment** of RFQs, POs, SCARs, NCRs, POC, and general correspondence. **We don't wait for others to initiate technical, quality, or compliance discussions.** We identify these as they arise, and are already positioned toward successful resolution. Because transparent, consistent communication is how we operate.

RELIABILITY & CONSISTENCY

At the core of what we do is a commitment: **Show up the same way every time.** Driven by accountability, sustained performance, continuous improvement, and technical expertise. HSF ensures every concern gets addressed, and every part ships with the same care and communication because you should already know exactly what to expect from us.

LONG-TERM RELATIONSHIPS

We're not just trying to fulfill a single purchase order. HSF is committed to becoming a sustainable and consistent vendor, integrated as part of your supply chain resulting in long-term business relationships. Open to BPAs, IDIQs, NSNs, and program-specific contracts under **long and short-term corporate agreements.** We'd rather build a **10-year relationship** the right way than win a one-time order quickly.

HSF CORE CAPABILITIES

CNC MACHINING

- 3 / 4-axis milling envelope to 121" x 61" x 6"
- CNC turning bar stock to 3" dia
- Turn lengths to 32.5"
- Diameters up to 13.75"

CNC LASER CUTTING

- Carbon steel to 1" · SS to ½" · AL to ¾"
- Tube to 6×6" sq, 8.625" round
- Complex profiles, slots, notches, miters

WELDING

- 5 certified & dedicated welding cells
- Max project size: 24' × 24' × 18'
- MIG, TIG, Stick · Aluminum, Stainless, Steel, Alloys

CONTROLLED ASSEMBLY

- Dedicated Hardware & Mechanical Assembly Cell

FORMING & BENDING

- CNC Press brake to 100T+, 10 ft bend length

FABRICATION & ASSEMBLY

- Structural weldments & sub-assemblies
- Mechanical assembly with hardware
- Tube & pipe

FINISHING & INSPECTION

- AS9100 Compliant Inspection Process
- Laser etching & part marking
- Media blasting, tumbling, sanding, grinding

ENGINEERING SUPPORT

- Design for Manufacturability (DFM) review
- CAD & 3D model review
- FAI planning
- Full TDP compliance matrices
- Active SQE engagement

HSF FLAGSHIP EQUIPMENT

CNC MILLING

HAAS GR-510	84"×32"×30" workspace
HAAS VF-7	Gantry with 121"×61"×6" workspace · 6,000 lb capacity
HAAS VF-2	30"×16"×16" workspace
HAAS VF-1	20"×16"×16" workspace

CNC TURNING

HAAS DS-30Y	Live tooling / Y-Axis · 13.75" max dia · 32.5" turning length
HAAS SL-20T	2" bar · 10.3" max dia · 20" turning length

FIBER LASER

CNC Bescutter	60"×120" · 1" carbon steel · ½" stainless · ¾" aluminum
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TUBE FIBER LASER

CNC Tube Laser	6×6" sq · 8.625" round · 8×4" rect
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PRESS BRAKE / FORMING

CNC Press Brake	100T+ capacity · 10 ft maximum bend length
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WELDING

5 Welding Cells	MIG · TIG · Stick · Aluminum, Stainless, Steel, Alloys Max project envelope: 24' × 24' × 18'
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INSPECTION & MARKING

Keyence CMM	±0.0005" accuracy · single setup · 72"×72"×36" envelope Tripod & magnetic mount
Etching Laser	Part marking · serialization · coating removal 13"×13" maximum frame size

HSF AT A GLANCE

- Expedited Lead Times: **2–5 Weeks**
- Controlled Quality Assurance Program Compliant to AS9100
- Qualified Outside Processing Vendor List
- Quality Part Acceptance Rate: **96% (Defense / Aerospace)**
- On-Time Delivery Rate: **91%**

MATERIALS PROCESSED

METALS & ALLOYS

Carbon / Mild Steel	Stainless (all grades)	Aluminum (all grades)
Alloy & Tool Steel	300 / 400 Series	7075 / 7050 Series
Copper & Brass	4130 / 4140 Chromoly	Titanium (Gr 2 & 5)
Galvanized & A500	Customer-supplied	

PLASTICS & ENGINEERED

Delrin · UHMW-PE · Nylon PA6/PA66 · HDPE/LDPE · PTFE/Teflon
· Polycarbonate · PEEK · G10/FR4 · ABS · Composites

POINTS OF CONTACT

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ADDITIONAL · MANAGER · ESTIMATION & OPERATIONS

NAICS CODES

PRIMARY 332999 All Other Misc. Fabricated Metal Product Mfg. **SECONDARY 332710** Machine Shops

	ADDITIONAL	
336411 Aircraft Manufacturing	336414 Guided Missile & Space Vehicle Mfg.	336413 Aircraft Parts & Auxiliary Equip. Mfg.
334511 Navigation & Guidance Systems Mfg.	336415 Missile Propulsion Unit & Parts Mfg.	336419 Other Missile & Space Vehicle Parts
811219 Electronic & Precision Equip. Repair	334519 Measuring & Controlling Device Mfg.	336412 Aircraft Engine & Parts Mfg.
332313 Plate Work Manufacturing	333511 Industrial Mold Manufacturing	561990 All Other Support Services
332322 Sheet Metal Work Manufacturing	332996 Fabricated Pipe and Pipe Fitting Mfg.	332510 Hardware Manufacturing
332721 Precision Turned Product Manufacturing	331210 Iron and Steel Pipe and Tube Mfg.	

CERTIFICATION PATHWAY — TARGET: OCTOBER 2026

Hot Shot Fabrication satisfies **107 of 110 CMMC Level 2 controls** and is on track for audit in October. We are **ISO 9001 and AS9100 compliant in practice** with established processes for **FAIR, FOD Prevention, Root Cause & Corrective Action (RCCA), and Qualified Vendor Lists (QVL).**

CMMC LEVEL 1

ISO 9001 COMPLIANT

AS9100 COMPLIANT

ITAR REGISTERED

MINORITY OWNED SB

ACTIVE DEFENSE PRIME PROGRAM EXPERIENCE

Hot Shot Fabrication actively supports **Sierra Nevada Corporation, Raytheon and Northrop subsidiaries** through programs including the **Big Safari Program, Ground Support Equipment (GSE), Auxiliary Equipment, Components, and Prototyping.** For time-sensitive requirements, we offer **expedited, quality controlled lead times.**

References available upon request.