

Southwest United Industries *Tulsa, OK*

Southwest United Industries is a global leader in full-service metal finishing with particular expertise in complex parts requiring plating, thermal spray, grind, and bench assembly.

Since 1953, Southwest United Industries has pursued the vision of becoming the premier, full-service metal finishing company in the world guided by five core values:

- ① Understand customers' needs and exceed their expectations by providing superior quality, service and value.
- ② Treat coworkers with respect, recognize accomplishments and provide a dynamic, rewarding and safe work environment.
- ③ Encourage innovation and continuous improvement.
- ④ Practice honesty in every aspect of the business: Foster an open and transparent work environment.
- ⑤ Preserve and protect our natural resources through enlightened stewardship.

A focus on these core values allowed SWU Tulsa to help pioneer thermal spray technology for the aerospace industry and to develop as a leader in processing complex parts for wear and corrosion critical applications such as landing gear and flight control components. Today, our full array of capabilities and expertise includes chrome and CAD plating, spherical ID and OD spray and grind, superfinishing, light benchtop assembly, and FAA/EASA authorized repair, thereby ensuring we are equipped to handle the most complex and demanding components.

Please see the reverse side for additional information on the scope of our services and approvals.

- One stop shop.
- FAA/EASA authorized repairs.
- Broad OEM approvals.
- Large and complex hard metal parts.



	Cleaning	Anodizing			Painting, Plating, and Coating					Inspection and Other Services				
Processing Site	Passivation	Chromic Acid	Sulfuric/Boric Sulfuric Acid	Tartaric Sulfuric Acid	Paint	Cad/Nickel Plating	Chrome Plating	Zinc-Nickel Plating	Thermal Spray	NDT	Heat Treat	Repair Station	Shot Peen	Grinding/ Superfinishing
Southwest United	●	●	●		●	●	●	●	●	●		●	●	●
Length	18 ft / 5.4 m	10.4 ft / 3.1 m	10.4 ft / 3.1 m		20 ft / 6.0 m	8 ft / 2.4 m	5.8 ft / 1.8 m		6.2 ft / 1.9 m	25 ft / 7.5 m		Call	7 ft / 2.1 m	6.5 ft / 1.9 m
Width	2.5 ft / 0.75 m	4.4 ft / 1.3 m	4.3 ft / 1.3 m		16 ft / 4.8 m	3 ft / 0.9 m	2.9 ft / 0.9 m		16 ft / 0.50 m	11.5 ft / 3.5 m		Call	4 ft / 1.2 m	8 ft / 2.4 m
Depth	7 ft / 2.1 m	5 ft / 1.5 m	5 ft / 1.5 m			4 ft / 1.2 m	10.8 ft / 3.3 m			8 ft / 2.4 m		Call	1.7 ft / 0.5 m	

ESSENTIAL SERVICES

- ▶ **Anodize** (*Chromic, Sulfuric, Hard*)
- ▶ **Anti-fretting for Titanium**
- ▶ **Black Oxide – Conversion Coating**
- ▶ **Brush Plating/Electrodeposited**
- ▶ **Cadmium Plating** (*Ti-CAD, LE, Bright*)
- ▶ **Chemical Blackening**
- ▶ **Chemical Treatments** (*ChemFilm – Colored, Clear*)
- ▶ **Chrome Plating**
- ▶ **Cleaning** (*Descaling of Titanium*)
- ▶ **Dow 7 on Magnesium**
- ▶ **FAA/EASA Repair Station** (*CN2R748K, EASA.145.4887*)
- ▶ **Grinding/Superfinishing** (*Balancing, Centerless, Spherical, ID, OD*)
- ▶ **Impregnation**
- ▶ **Machining** (*Milling, Turning, Honing*)
- ▶ **Manganese** (*Zinc Phosphate Coating*)
- ▶ **Magnesium** (*Conversion Coating*)
- ▶ **NDT** (*Fluorescent Penetrant, Magnetic Particle, Nital Etch*)
- ▶ **Nickel Plating** (*Sulfamate, Electroless, Bright*)
- ▶ **Painting** (*Epoxy, Fuel Tank, Polyurethane, Dry Film*)
- ▶ **Passivation**
- ▶ **Phosphate** (*Conversion Coating, Fluoride Coating*)
- ▶ **Shot Peening** (*Internal, CNC, Manual / Cut Wire, Cast Steel, Glass Bead*)
- ▶ **Thermal Spray** (*HVOF, Plasma*)
- ▶ **Weld** (*Tungsten Inert Gas in Inert Atmosphere*)

CUSTOMER AND QUALITY APPROVALS

- Aircelle Group
- Aircraft Braking Systems
- Bell Aero
- Bell Helicopter
- Boeing
- Bombardier
- Cessna
- Embraer
- Goodrich
- Gulfstream
- Hamilton Sundstrand
- Hawker Beechcraft
- Honda Aircraft Company
- Honeywell
- Israel Aerospace Industries
- Lockheed Martin
- MD Helicopter
- Messier-Dowty Toronto
- Moog
- Northrop Grumman
- Parker Aerospace
- Sikorsky Aircraft
- UTC Aerospace Systems
- Vought Aircraft Industries
- AS9100C
- ISO9001: 2008
- Nadcap (AS7004, Chemical Processing, NDT, Thermal Spray, Shot Peening)

For more information, go to swunited.com or call 918.587.4167.

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