



## 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 co-workers 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.*

- Pioneered thermal spray technology for critical applications
- Benchtop assembly and FAA/EASA authorized repairs
- Broad range of services and OEM approvals



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	Cleaning	Anodizing		Painting, Plating, and Coating				Inspection and Other Services			
Processing Site	Passivation	Chromic Acid	Sulfuric/Boric Sulfuric Acid	Paint	Cad/Nickel Plating	Chrome Plating	Thermal Spray	NDT	Repair Station	Shot Peen	Grinding/ Superfinishing
Southwest United	●	●	●	●	●	●	●	●	●	●	●
Length	18ft / 5.4m	10.4ft / 3.1m	10.4ft / 3.1m	20ft / 6.1m	8ft / 2.4m	5.8ft / 1.7m	6.2ft / 1.8m	25ft / 7.6m	Call	7ft / 2.1m	6.5ft / 1.9m
Width	2.5ft / 0.7m	4.4ft / 1.3m	4.3ft / 1.3m	16ft / 4.8m	3ft / 0.9m	2.9ft / 0.8m	1.6ft / 0.4m	11.5ft / 3.5m	Call	4ft / 1.2m	8ft / 2.4m
Depth	7ft / 2.1m	5ft / 1.5m	5ft / 1.5m		4ft / 1.2m	10.8ft / 3.2m		8ft / 2.4m	Call	1.7ft / 0.5m	

## ESSENTIAL SERVICES

- ▶ Anodize (*Chromic, Sulfuric, Hard*)
- ▶ Anti-fretting for Titanium
- ▶ Assembly & Identification
- ▶ Brush Plating/Electrodeposited
- ▶ Cadmium Plating (*Ti-CAD, LE, Bright*)
- ▶ Chemical Treatments (*ChemFilm – Colored, Clear*)
- ▶ Chrome Plating
- ▶ Cleaning
- ▶ Descaling of Titanium
- ▶ Dow 7 on Magnesium
- ▶ Electrochemical Etch Identify
- ▶ FAA/EASA Repair Station (*CN2R748K, EASA.145.4887*)
- ▶ Grinding/Superfinishing (*Balancing, Centerless, Spherical, ID, OD*)
- ▶ Impregnation
- ▶ Machining (*Milling, Turning, Honing*)
- ▶ Magnesium (*Conversion Coating*)
- ▶ Masking (*Temporary, Hard, Film*)
- ▶ NDT (*Fluorescent Penetrant, Magnetic Particle, Nital Etch*)
- ▶ NDT (*Post Grind Fluorescent Penetrant, Large Part Capacity*)
- ▶ Nickel Electro-Plating (*Sulfamate*)
- ▶ Nickel Electroless (*Low Phos, High Phos*)
- ▶ Painting (*Epoxy, Fuel Tank, Polyurethane, Dry Film*)
- ▶ Passivation
- ▶ Phosphate (*Conversion Coating*)
- ▶ Phosphate Fluoride (*Titanium*)
- ▶ Shot Peening (*Internal, CNC, Manual/Cut Wire, Cast Steel, Glass Bead*)
- ▶ Thermal Spray (*HVOF, Plasma*)

## CUSTOMER AND QUALITY APPROVALS

- Aircelle Group
- Aircraft Braking Systems
- Bell Aero
- Bell Helicopter
- Boeing
- Bombardier
- Collins
- Embraer
- Goodrich
- Gulfstream
- Hamilton Sundstrand
- Hawker Beechcraft
- Honda Aircraft Company
- Honeywell
- Israel Aerospace Industries
- Lockheed Martin
- MD Helicopter
- Moog
- Northrop Grumman
- Parker Aerospace
- Safran
- Sikorsky Aircraft
- UTC Aerospace Systems
- Vought Aircraft Industries
- AS9100D
- ISO9001: 2008
- Nadcap (Chemical Processing, NDT, Thermal Spray, Shot Peening, CMSP)

For more information, go to [pccaero.com/companies/swu/swui-tulsa/](http://pccaero.com/companies/swu/swui-tulsa/) or call 918.587.4161.

Southwest United Industries  
 422 South St. Louis Ave • Tulsa, OK 74120  
 P 918.587.4161 F 918.582.6158



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