

Southwest United Industries *Canada*

Southwest United Canada offers comprehensive surface treatments to meet the performance requirements of the most demanding applications and environments, including those found in aerospace, defense, and energy.

Whether it's a structural aluminum component requiring NDI, shot peen, anodize, and paint, or a critical hard metal part requiring passivation, plating, thermal spray, precision grinding, and paint, Southwest United Industries Canada can handle it. Our applications engineers draw from a full range of complementary processes to offer solutions that balance cost, performance, and sustainability. Once in production, our tight chemistry and process controls and skilled technicians ensure that we maintain the highest standards of quality and delivery performance.

Southwest United Industries Canada operates two facilities in Brampton and Concord, Ontario with Nadcap certification of all major processes. We specialize in complex components with in-house fixture and masking template production to control cost and turnaround time. Our surface treatment solutions include improving component resistance to wear, corrosion, oxidation, and heat, as well as the economic restoration of used components to like new condition.

Please see reverse for more details.

- Complete metal surface treatments
- Thermal spray coatings for critical applications
- Component repair and overhaul
- Quick, reliable response from a skilled workforce



| | 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 Brampton | ● | ● | | | | | ● | ● | | ● | | | | | ● |
| | Type II | Type IV | | | | Cad | | | | | | | | | |
| Length | 4ft/1.2m | 4ft/1.2m | | | | 4ft/1.2m | 7.5ft/2.2m | 6.2ft/1.8m | | | 6.2ft/1.8m | | | | |
| Width | 4ft/1.2m | 4ft/1.2m | | | | 4ft/1.2m | 5ft/1.5m | 1.5ft/0.4m | | | 1.9ft/0.5m | | | | |
| Depth | 4ft/1.2m | 4ft/1.2m | | | | 4ft/1.2m | 6ft/1.8m | 1.5ft/0.4m | | | 1.9ft/0.5m | | | | |
| Southwest United Concord | ● | ● | ● | ● | | ● | ● | | | | ● | | | ● | |
| Length | 6ft/1.8m | 3ft/0.91m | 10ft/3.0m | 6ft/1.8m;10ft/3.0m | | 3ft/0.91m | 13.3ft/4.0m | | | | 2.5ft/0.76m | | | | |
| Width | 3ft/0.91m | 2.3ft/0.70m | 3.5ft/1.0m | 6ft/1.8m;10ft/3.0m | | 7ft/2.1m | 7ft/2.1m | | | | | | | | |
| Depth | 3ft/0.91m | 3ft/0.91m | 4.5ft/1.3m | 6ft/1.8m;10ft/3.0m | | 3ft/0.91m | 8ft/2.4m | | | | N/A | | | | |

ESSENTIAL SERVICES *Brampton*

- ▶ **Hi-mix, Low-volume Capabilities**
- ▶ **HVOF Thermal Spray** (2 Booths)
- ▶ **Nital Etch** (In house) and **NDT** (Concord Partnership)
- ▶ **Paint** (Concord Partnership)
- ▶ **Precision Grinding**
- ▶ **Processing Capability in HVOF and Grind to support Landing Gear Products**
- ▶ **Shot Peen** (Local Partnership)
- ▶ **Sulphamate Nickel and Chrome**
- ▶ **Ti Cad and LHE Cadmium**

CUSTOMER AND QUALITY APPROVALS *Brampton*

- Boeing
- Bell Helicopter
- GE Hitachi
- General Kinetics
- AS9100C
- ISO9001: 2008
- Nadcap (AS7004, Chemical Processing, Thermal Spray)
- Invista
- Messier-Dowty
- Strite Industries
- UTAS

Concord

- ▶ **Cadmium**
- ▶ **Hi-mix, Low-volume Capabilities**
- ▶ **Key Processes**
 - Boric Sulphuric Acid Anodize (All)
 - Sulphuric Acid Anodize (All)
 - Chromic Acid Anodize (All)
- ▶ **NDT LPI & MPI**
- ▶ **Shot Peen**

Concord

- Boeing
- Bell Helicopter
- Bombardier
- Cessna
- Hawker De Havilland
- Gulfstream
- Hawker Beechcraft
- Israel Aircraft Industries
- L3 Communications
- Lockheed Martin
- Messier-Dowty
- UTAS
- Viking Air
- AS9100C
- ISO9001: 2008
- Nadcap (Chemical Processing, NDT, Surface Enhancement)

For more information, go to swunitedcanada.com or contact individual facilities directly.

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