



Southwest United · 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 NDT, shot peen, anodize, and paint, or a critical hard metal part requiring passivation, plating, thermal spray, precision grinding, and paint, Southwest United 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 Canada operates two facilities in Brampton and Concord, Ontario with Nadcap certification of all major processes. Our surface treatment solutions include improving component resistance to wear, corrosion, oxidation, and heat.

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

- Complete metal surface treatments
- Thermal spray coatings for critical applications
- Quick, reliable response from skilled workforce



SOUTHWEST
UNITED CANADA

Processing Site	Cleaning		Anodizing			Painting, Plating, and Coating					Inspection and Other Services				
	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				5ft/1.5m	4ft/1.2m	7.5ft/2.3m	3ft/0.9m	6.2ft/1.9m				4.0ft/1.2m	6.2ft/1.9m
Width	4ft/1.2m	4ft/1.2m				5ft/1.5m	4ft/1.2m	5ft/1.5m	3ft/0.9m	1.5ft/0.5m	4ft/1.2m			1.0ft/0.3m	1.9ft/0.6m
Depth	4ft/1.2m	4ft/1.2m				5ft/1.5m	4ft/1.2m	6ft/1.8m	2ft/0.6m	1.5ft/0.5m	1.67ft/0.5m			1.0ft/0.3m	1.9ft/0.6m
Southwest United Concord	●	●	●	●		●	●				●			●	
Length	6ft/1.8m	3ft/0.9m	10ft/3.1m	6ft/1.8m;10ft/3.1m		5ft/1.5m	3ft/0.9m							2.5ft/0.8m	
Width	3ft/0.9m	2.3ft/0.7m	3.5ft/1.1m	6ft/1.8m;10ft/3.1m		5ft/1.5m	7ft/2.1m				7.5ft/2.3m				
Depth	3ft/0.9m	3ft/0.9m	4.5ft/1.4m	6ft/1.8m;10ft/3.1m		5ft/1.5m	3ft/0.9m				1.67ft/0.5m			N/A	

Southwest United Canada - Brampton Location

CUSTOMER & QUALITY APPROVALS

- Boeing
- Bell Helicopter
- CFN
- Collins Aerospace
- Heroux Devtek
- Safran
- Strite Industries
- AS9100D
- ISO9001: 2016
- Nadcap (Chemical Processing, Thermal Spray, Machining)

ESSENTIAL SERVICES

- ▶ Hi-Mix, Low-Volume Capabilities
- ▶ HVOF Thermal Spray (2 Booths)
- ▶ Nitral Etch and NDT
- ▶ NDT LPI & MPI
- ▶ Passivation
- ▶ Paint and Dry Film
- ▶ Precision Grinding
- ▶ Processing capability in HVOF & grind to support landing gear
- ▶ Shot Peen (Local Partnership)
- ▶ Sulphamate Nickel (Thin-Dense/ Hard Chrome)
- ▶ Stress Relief up to 950° F
- ▶ Ti Cad and LHE Cadmium

Southwest United Canada - Concord Location

CUSTOMER & QUALITY APPROVALS

- Boeing
- Bell Helicopter
- Bombardier
- Cessna
- Hawker De Havilland
- Gulfstream
- Hawker Beechcraft
- Israel Aircraft Industries
- L3 Communications
- Lockheed Martin
- Messier-Dowty
- UTAS
- Viking Air
- AS9100D
- ISO9001: 20016
- Nadcap (Chemical Processing, NDT, Surface Enhancement)

ESSENTIAL SERVICES

- ▶ 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
- ▶ Solid Film Lube

For more information, go to pccaero.com/companies/swu/southwest-united-canada/

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