

ACP METAL FINISHING PTE LTD



ACP Metal Finishing Pte Ltd is an established surface finishing company serving the industries for more than 40 years. ACP is a major player for surface finishing of aerospace industries. ACP supports both the aerospace OEM and MRO companies. ACP is accredited by Nadcap for chemical processings and Non Destructive Testings and the approved suppliers to esteemed companies such as Boeing, Collins Aerospace, Eaton, GE, Honeywell, Meggitt, Moog, Parker, Pratt and Whitney, Safran and Thales. ACP is also a certified repair station by Civil Aviation Authority of Singapore (CAAS), US Federal Aviation Administration (FAA), European Union Aviation Safety Agency (EASA) and Civil Aviation Administration of China (CAAC).

Certifications

- ISO 9001 : 2015 Quality Management System
- AS 9100D Quality Management System
- ISO 14001 : 2015 Environmental Management System
- SAR 145 by Civil Aviation Authority of Singapore (AWI/204)
- FAR 145 (includes D100) by Federal Aviation Administration (OXQY401Y)
- EASA 145 D1 Certification by EASA (EASA.145.0906)
- CCAR 145 by Civil Aviation Administration of China (F06500869)
- Nadcap certification for chemical processing
- Nadcap certification for Non Destructive Testing

Process Capabilities

- Chromic Acid Anodizing (MIL-PRF-8625 Type I & 1B, Class 1 & 2, BAC 5019, AMS 2470)
- Sulfuric Acid Anodizing (MIL-PRF-8625 Type II & IIB Class 1 & 2, AMS 2471, AMS 2472)
- Hard Anodizing (MIL-PRF-8625 Type III Class 1 & 2, AMS 2469)
- Chromate Conversion Coating (MIL-DTL-5541 Type I and Type II, Class 1A & 3)
- Titanium Anodizing (FEIS 112, 914-032-050)
- Anodizing with PTFE (AMS 2482)
- Anodizing with Chromate Conversion Coating
- Electroless Nickel Plating (AMS 2404)
- Chrome Plating (AMS-QQ-C-320, AMS 2406, AMS 2460, SPOP 22, BAC 5709)
- Nickel Plating (AMS-QQ-N-290, AMS 2403, SPOP 26, SPOP 29)
- Cadmium Plating (AMS-QQ-P-416, AMS 2400, BAC 5701)
- Passivation Process (ASTM A967, AMS 2700, BAC 5625)
- Stripping of plasma coating (SPOP 301)

- Brush Plating (MIL-STD-865, AMS 2451, BAC 5854, DPS 9.89, PCS-2141)
- Silver Plating (AMS 2410, AMS 2411, AMS 2412, SPOP 23, SPOP 24)
- Zinc Nickel Plating (AMS 2417)
- Painting (HS 3197, BAC 5811, BAC 5736, MIL-PRF-85582, MIL-PRF-85285)
- Dry Film Lubricant (MIL-PRF-46010, BAC 5811)
- Magnetic Particle Inspection (ASTM E1444, SPOP 102, SPOP 105, HS 31, PN 16.04, FEIS 701A, 981-060-014)
- Fluorescent Penetrant Inspection (ASTM E1417, SPOP 62, SPOP 82, HS 447, PN 16.03, FEIS 701B, 981-060-021)
- Eddy Current Testing (ASTM E376, ASTM E1004)
- Ultrasonic Testing (ASTM E114, ASTM E797/797M, ASTM E587, ASTM E428)

Customer's List

Aerospace OEMs

- BAE Systems
- Collins Aerospace
- Eaton Aerospace
- GE Aircraft Engines
- Meggitt Aircraft Braking Systems
- Parker Aerospace
- Safran Cabin
- Triumph Integrated Systems
- Boeing
- Curtiss Wright Controls
- Equip' Aero Technique
- Honeywell Aerospace
- Meggitt Control Systems
- Moog
- Pratt and Whitney
- Thales

Aerospace MRO

- Aerospace Component Engineering Services
- Aviation Concepts
- Bell Textron
- C & A Aviation
- Fuel Accessory Service Technologies
- Honeywell Aerospace
- Lufthansa Technik Philippines
- Pratt and Whitney Canada
- PT Muladatu
- Safran Landing System Services
- Singapore Component Solutions
- STE Defence Aviation Services
- STEA Systems
- Triumph Aviation Services Asia
- Ametek
- Asia Pacific Aircraft Component Solutions
- Bombardier Aerospace Services
- Collins Aerospace
- GE Aviation Engine Services
- GMF AeroAsia
- Jet Aviation
- Meggitt Aerospace
- Pratt and Whitney Component Solutions
- SIA Engineering Company
- StandardAero
- STEA Services
- TP Aerospace
- TurbineAero Repair



1. Selective plating of aerospace gear components
2. Samples of aerospace components treated by ACP
3. Anodizing of propellor blade

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