



**ARKWIN APPROVED SPECIAL PROCESS SUPPLIERS LIST**

## ASL (APPROVED SUPPLIER LIST)

### SPECIAL PROCESS SUPPLIER LIST

SUPPLIER	PROCESS	APPLICABLE SPECS
Accurate Welding Service # 01050 Westbury, NY	Fusion Welding by Heli-Arc, Arc, & Mfg. Machines & Oxygen Acetylene	MIL-STD-1595, MIL-W-8604, P.S.201, MIL-STD -2219, AMS-STD-2219 AWS D17.1 Not certified
Accurate Welding Services # 01164 Windsor Locks, CT.	Electron- Beam Welding Fusion welding	AMS 2681, AMS 2680 MIL-STD-2219; SAE-AMS-STD-2219 NADCAP CERTIFIED
Active Magnetic Inspection #01065 Sun Valley CA 91606	Passivation  Cadmium Plating  Magnetic Particle Examination Liquid Penetrant Examination	ASTM A967 ; AMS 2700; AMS –QQ-P-35 ; ASTM A380 ASTM B766 ; AMS 2400 ; ASTM A165 ; AMS-QQ-P-416 ASTM-E-1444 ASTM –E-1417 NADCAP CERTIFIED
Advanced Coating Techniques North Babylon, NY # 01091	Alodine Anodize TY I, II, III Solid Film Lube Passivation  Magnetic Particle Penetrant Inspection  Anodize	MIL-C-5541/AMS-C-5541 MIL-A-8625 MIL-L-46010 QQ-P-35/AMS-QQ-P-35, MIL-S-5002 AMS 2700 Method 1 MIL-STD-1949, ASTM-E-1444 MIL-STD-6866, ASTM-E-1417 All above NADCAP CERTIFIED <b>AMS 2470M Not NADCAP (per checklist)</b>
Aero Dynamics Inc #01155 Seabrook, NH	Anodize  Anodize Hard coat Chemical Film Chrome Plating Electroless Nickel Plate  Passivation	AMS 2471 ; AMS 2472 ; AMS 2470 ; MIL-A-8625 AMS 2469 MIL –C-5541 ; MIL-DTL-5541 AMS 2406 ; QQ-C-320 MIL-C-26074 ; ASTM B733 ; ASTM B656; AMS-C-26074 AMS-QQ-P-35 ; AMS 2700 ; MIL-S-5002 NADCAP CERTIFIED
Aerospace Testing Lab, Inc # 01151 South Windsor, CT	Passivation Magnetic Particle Penetrant Inspection	QQ-P-35/AMS-QQ-P-35, AMS 2700 MIL-STD-1949,ASTM-E-1444 MIL-STD-6866,ASTM-E-1417 NADCAP CERTIFIED
Aerocom Inspection Services # 01226 Mississauga, Ontario	Magnetic Particle Inspection Liquid Penetrant Inspection Radiographic Inspection	ASTM E 1444 ASTM E 1417 , MIL -STD -6866 MIL –STD- 453 NADCAP CERTIFIED
Aircraft Protective Systems, Inc. Westbury, N.Y. #01126	Penetrant Inspection Magnetic Particle Inspection Chemical Conversion	ASTM- E –1417 ; MIL-STD - 6866 ASTM-E-1444 MIL-C-5541 NADCAP CERTIFIED
Aircraft Welding & Mfg. # 01244 Hartford, Conn.	Brazing Fusion welding	AMS 2665 ; AMS 2664 ; PWA-S-2664 AWS D17.1 /D17.1M NADCAP CERTIFIED

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Aerospace Metal Finishing ,Inc. Schomberg, Ont. Canada # 01039	Chemical Conversation Coating Cadmium Plating Titanium –Cadmium Plating Chromic Acid Anodize Hard Anodize Passivation Painting Sulfuric Acid Anodize  Eletroless Nickel Plating	MIL-C-5541 ; MIL-DTL-5541 AMS-QQ-P-416 MIL-STD-1500 MIL-A8625 ; AMS -2470 MIL-A-8625 AMS 2700;ASTM –A-967 ; AMS-QQ-P-35 MIL-PRF-85285 MIL-A-8625 ; AMS -2471 AMS 2700 , ASTM A 380 All above NADCAP CERTIFIED AMS-2404 ; AMS –C-26074 <b>NADCAP NOT CERTIFIED</b>
Aerotech Processing Solutions # 01190 Paterson, NJ	NDT Florescent Penetrant type 1 method A dry developer sensitivity level 2 or 3 Chemical Conversion Coating Chromic Acid Anodize type 1 typ 1B Sulfuric Acid Anodize type 2 , clear , black dye Hard Coat Anodize, type 3, clear or black Shot peening Passivation NDT – Magnetic particle NDT- Penetrant	ASTM -E-1417  MIL –C-5541 or MIL-DTL -5541 MIL-A-8625 MIL-A-8625  MIL-A-8625  AMS 2430 QQ-P-35, ASTM 2700 ASTM – E -1414 ASTM –E-1417 NADCAP CERTIFIED
Aluminum Finishing Co. # 01281 Bridgeport, CT	Anodize  Chemical Conversion Coating Passivation	MIL-A-8625 , TYPE II & II B ; AMS-A-8625 ; AMS -2471 ; AMS-2472 MIL-C-5541 ; MIL-DTL-5541 ; AMS -2473 ASTM-380 ; ASTM-A-967 ; QQ-P-35 ; AMS- 2700 , AMS-2473 <b>NADCAP NOT CERTIFIED</b>
American Avionic Technologies Corp Medford , N.Y. # 01148	Wire & solder	Lockheed Spec 5PTRPT19-A
Anodic # 01442 Stevenson, CT	Anodize Anodize hard coat Conversion Coating	MIL-A-8625, AMS 2471, AMS 2472 MIL-A-8625, AMS 2469 , AMS 2468 MIL-C-5541 , MIL-DTL-5541 , AMS 2473 NADCAP CERTIFIED
Applus RTD Canada #- 01312 (previously Staveley Services) SCHOMBERG , Ontario	Penetrant Inspection Magnetic Particle Radiographic Testing NDT	ASTM E 1417 ASTM E 1444 ASTM 1742 NADCAP CERTIFIED
Beehive Heat Treating # 02140 Norwalk, Conn	Heat Treating Steel Heat Treating Aluminum Carburizing & Nitrating	MIL H 6875 MIL –H- 60886 MIL-S-6090 <b>NADCAP NOT CERTIFIED</b>

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ANOPLATE Corporation # 01441	Hard Anodizing – Hard Chromic / Sulfuric/ Titanium Anodizing Anodizing Cadmium plating Chromium plating Conversion / phosphate coatings  Copper plating Electroless plating nickel Nickel plating Silver plating  Stripping Passivation	AMS 2468 ; AMS 2469 ; AMS 2482 AMS 2470 / AMS2471/ AMS 2488  AMS –A-8625 ; MIL-A-8625 AMS-QQ-P-416 ; FED-QQ-P-416 AMS 2406 ; AMS 2460 ; AMS-QQ-C-320 MIL-DTL-16232 ; AMS 2473 ; MIL-C-5541; MIL-DTL-5541 AMS 2418 ; MIL-C14550 AMS 2404 ; AMS-C-26074 AMS-QQ-N-290 AMS 2410 ; AMS 2411 ; AMS 2412 ; ASTM B 700 MIL-STD-871 ASTM A 380 ; ASRM A 967 ; AMS 2700 ; FED –QQ-P-35 ; AMS –QQ-P-35 NADCAP CERTIFIED
BAP AEROSPACE # 02130 Tijuana – Mexico	Al. Anodize Chromic Al Anodize Sulfuric Al Hard Anodize Cadmium Plating Conversion Coating Aluminum Electro less Plating Passivation	AMS-A-8625 / MIL-A-8625 AMS-A-8625 / MIL-A-8625, AMS 2471 AMS-A-8625 / MIL-A-8625, AMS2469 AMS2400, AMS-QQ-P-416 MIL-C-5541, MIL-DTL-5541, AMS 2473 AMS 2404, AMS-C-26074 / MIL-C-2674 AMS-QQ-P-35, AMS 2700 , ASTM A 380 NADCAP CERTIFIED
Barry Avenue Plating # 23867 Los Angeles – Ca	Penetrant Inspection Magnetic Inspection Cadmium plating Passivation Anodize chromic acid Anodize sulfuric acid Electroless plating Chromium plating Nickel plating Chemical conversion	ASTM-E-1417 , MIL-STD-6866 ASTM –E-1444 AMS-QQ-P-416 AMS 2700 , AMS-QQ-P-35 AMS 2470 , MIL-A-8625 AMS 2471 AMS 2404 AMS-QQ-C-320 AMS-QQ-N-290 , AMS-C-26074 MIL-C-5541 , MIL-DTL-5541 NADCAP CERTIFIED
Bennett Heat Treat # 02217 Newark, NJ	HT of Hardening Steel HT of Al  Beryllium Cooper HT of Nickel & Cobalt Alloy HT of Titanium Alloys Cooper Brazing Carburizing & Nitriding Arkwin specification	AMS –H-6875 ; AMS2759/1/2/3/4/5/6/7 AMS H 6088; AMS2770; AMS2771; AMS 2772 AMS H 6875 AMS 2774 AMS 2801 ; AMS H 81200 AMS 2670 ; AMS 2671 AMS S 6090 PS 171 NADCAP CERTIFIED
Body Cote Thermal Process # 09015 Huntington Park , CA	Heat Treating	MIL-H-6875 ; AMS-H-6875 ; AMS 2759 ; AMS 5629 ; AMS 2769 ; AMS-H-7199 NADCAP CERTIFIED

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Bodycote Thermal Processing Haltom City ,TX # 02264	HT Steel  Vacuum HT HT Titanium Alloys	AMS 2759 /1 ; AMS 2759/2 ; AMS 2759/3 ; AMS 2759/4 ; AMS 2759/5 ; AMS-H-6875 AMS 2769 AMS 2801 ; AMS-H-81200 NADCAP CERTIFIED
Bennett Ivyland # 02218 Ivyland, PA	HT of Hardening Steel HT of Al  Beryllium Cooper HT of Nickel & Cobalt Alloy HT of Titanium Alloys Cooper Brazing Carburizing & Nitriding Arkwin specification	AMS –H-6875 ; AMS2759/1/2/3/4/5/6/7 AMS H 6088; AMS2770; AMS2771; AMS 2772 AMS H 6875 AMS 2774 AMS 2801 ; AMS H 81200 AMS 2670 ; AMS 2671 AMS S 6090 PS 171 NADCAP CERTIFIED
Bodycote Thermal Processing Berlin CT # 02268	HT Cooper – Beryllium Alloys HT Nickel- Cobalt Alloys HT Steel HT Titanium Alloys HT IN Vacuum Vacuum Brazing HT Aluminum	AMS 2728 , AMS –H-7199 AMS 2774 , AMS 5663 AMS 2759 /3 , AMS 2759/4 , AMS-H-6875 AMS 2801, AMS-H-81200 AMS 2769 AMS 2670 AMS 2770 , AMS 2771 , AMS 2772 , AMS-H-6088 NADCAP CERTIFIED
Bodycote Thermal Processing Laconia, NH # 02271	Heat Treat steel Heat Treat Beryllium Cooper Heat Treat Nickel & Cobalt Alloys Heat Treat titanium alloys Arkwin specification	AMS 2759/1/2/3/4/5/7, AMS-H-6875 AMS-H-7199 AMS 2774 , AMS 5663 AMS 2801 , PS171 <b>NACAP NOT CERTIFIED</b>
Bodycote Thermal Processing Ipswich, MA # 02272	Heat Treat steel Heat Treat nickel & cobalt alloys Heat Treat vacuum Atmosphere brazing Vacuum brazing	MIL-H-6875, AMS 2759/3/4/5 AMS 2774 , AMS 5663 AMS 2769 AMS 2664 , AMS 2670 , AMS 2675 AMS 2662, AMS 2675, AMS 2678 NADCAP CERTIFIED
Bodycote Thermal Processing S. Windsor, CT # 02288	HT Steel HT Titanium Alloys HT Nickel – Cobalt Alloys Vacuum Brazing	AMS 2759/5 ; AMS 2759/5 ; AMS-H-6875 AMS 2801 ; AMS-H-81200 AMS 5663 ; AMS 2774 AMS 2665 ; AMS 2678 ; AMS 2675 NADCAP CERTIFIED
Bodycote Thermal Processing Worcests, MA. #02289	HT Steel  AMS 2750 AMS 2757	AMS 2759 ; AMS 2759/1 ; AMS 2759/2 ; AMS 2759/3; AMS 2759/5 ; AMS 2759/6 AMS 2759/7 Pyrometry Gaseous Nitrocarburizing NADCAP CERTIFIED

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<b>SUPPLIER</b>	<b>PROCESS</b>	<b>APPLICABLE SPECS</b>
BodyCode Thermal Processes Westminster, CA # 02290	HT wrought aluminum alloys HT aluminum alloys castings HT aluminum raw materials HT aluminum alloys	AMS 2770 AMS 2771 AMS 2772 MIL H 6088 NADCAP CERTIFIED
Braddock Metallurgical Jacksonville, FL # 02308	Heat Treating Aluminums Heat Treating Steel Heat Treating Beryllium Cooper	AMS 2770, 2771, AMS 2772 , MIL-H-6088 AMS 2759 / 1/2/3/4/56//7 AMS -H-7199 NADCAP CERTIFIED
Braddock Metallurgical Riverview / Tampa FL # 02309	HT Steel  Vacuum HT	AMS 2759/1 ; AMS 2759/2 ; AMS 2759/3 ; AMS 2759/4 ; AMS 2759/5 ; AMS-H-6875 AMS 2769 NADCAP CERTIFIED
Braddock – Boynton Beach FL #02313	HT Martensitic Corrosion Steel HT Nickel – Cobalt Alloys  HT Titanium Alloys	AMS -H-6875 /2759 /5D AMS 2759/3, AMS2759/4, AMS 2759/5 ,AMS 2773 AMS 2801 ; ALL NACAP CERIFIED
Burton Industries # 02274 North Babylon, NY	HT wrought cooper-beryllium HT aluminum alloy HT wrought aluminum alloys HT steel raw material HT steel raw HT aluminum alloy castings HT steel parts HT steel raw material HT: low alloy steel , maranging steel , martensitic corrosion Arkwin specification	MIL –H-7199 AMS- H -6088 , MIL- H -6088 AMS 2770 AMS-H-6875 MIL-H-6875 AMS2771 AMS2759 AMSH6875 AMS2759/2 ; AMS 2759/3, AMS 2759/5 NADCAP CERTIFIED PS 171 and PS 321
B-G Detection Service # 02013 Sun Valley, CA.	Passivation Fluorescent Penetrant Inspection Magnetic Particle Inspection	AMS –QQ-P-35 /AMS 2700 ASTM E 1417 , MIL STD 6866 ASTM E 1444 ,MIL STD 271 NADCAP CERTIFIED
Burbank Steel Treating Burbank, CA # 02373	Heat Treat	PS 171 (Arkwin)
Cametoid Tech. # 03045 Manchester, CT	I.V.D. Chemical Film	MIL-DTL -83488, CL2, TYII &CL3,TYII MIL-C-5541/AMS-C-5541 <b>NADCAP NOT CERTIFIED</b>
C.I.L. Inc. #02382 Lawrence, MA	Aluminum Anodize Passivation Chemical Film Thermal Spray	AMS- 2471, AMS- 2472, MIL-A-8625 AMS-QQ-P-35, AMS 2700 Method 1 MIL-C-5541 MIL-L-46010 NADCAP CERTIFIED
Coast Plating #03334 Gardena, CA	Chromic, Sulfuric, Hard Alum anodize Chemical film Florescent penetrant	MIL-A-8625 MIL –C-5541 ASTM-E-1417 . NADCAP CERTIFIED
Certified Steel Treating # 03406 Los Angeles , CA	Heat Treating	AMS -H-6875 , AMS 2759 /1/2/3/4/5/7/11 ; AMS H 6875 , AMS 2774 , NADCAP CERTIFIED PS 171 .

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Continental Heat Treating, Inc. #03405 Santa Fe Springs, CA.	Heat Treating steel Heat Treating nickel & cobalt alloys Heat Treating in vacuum	AMS-H-6875 , AMS 2759/1/2/3/4/5 , AMS 5629 AMS 2774 , AMS 5663 AMS 2769 NADCAP CERTIFIED
Dixon Hard Chrome #04189 Sun Valley, CA	Electroless Plating Cadmium & Titanium Plating Cadmium Plating Chromium Plating  Cooper Plating Inorganic Coatings	AMS 2404 ; AMS 2405 ; AMS-C-26074 ; MIL-C-26074 MIL-STD-1500 AMS 2400 ; AMS-QQ-P-416 ; MIL-STD-870 AMS 2406 ; AMS 2407 ; AMS 2438 ; AMS 2460; AMS-QQ-C-320 AMS 2418 ; MIL-C-14550 MIL-STD-871 NADCAP CERTIFIED
EB Industries Inc. # 05080 Farmingdale, NY	Electron Beam Welding	AWS2680 ; AWS 2681 ; D17.1:2008 ( AMS-STD-1595) NADCAP CERTIFIED
Electrolyzing Inc. (Plating) Providence, RI # 05101	Chromium Plate Electrodeposited Thin Dense Chrome Chrome Plating Passivation Corrosion Resistant Steel Electrochemical Stripping of Inorganic Finishes Chrome plating in conjunction with Arkwin Spec PS-270	AMS-QQ-C-320 AMS-2438 AMS2460 AMS-QQ-P—35 , AMS-2700 MIL-STD-871  E070348 <b>NADCAP NOT CERTIFIED</b>
Electro- polishing System Inc. Plymouth, MA # 05024	Aluminum Anodize Passivation Chemical Film	AMS- 2471, AMS- 2472, MIL-A-8625 AMS-QQ-P-35, AMS 2700 Method 1 Mil-C-5541 <b>NADCAP NOT CERTIFIED</b>
Engineered Heat Treat # 05251 Madison Heights, MI	HT steel raw material Gas Nitriding & HT for low alloys steel Carburizing and HT grade steel parts	AMS H 6875 AMS 2759/6 AMS 2759/7 NADCAP CERTIFIED
Electrolyzing # 05130 Hooper Ave (CA)	Hard chromium – class 4 -	BAC 5709 NADCAP CERTIFIED
Epner Technology # 05253 Brooklyn , NY	Nickel Plate	AMS-C-26074 ; AMS2404 NADCAP CERTIFIED
Fountain Plating Co. # 06052 West Springfield, MA	Anodize, Chemical Conversion on Aluminums Cadmium Plating Chrome Plating Nickel Plating Passivation Electroplating	Mil-A-8625 MIL-C-5541, MIL-DTL-5541 QQ-P-416 , AMS 2400 , AMS 2401 , MIL-C-23422, QQ-C-320, AMS 2407 QQ-N-290, AMS 2424 , AMS 2423 QQ-P-35/AMS-QQ-P-35 TYII,VI,VII,VIII AMS 2424 NADCAP CERTIFIED

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F.M. CALLAHAN & SON INC # 06018	Electroless Nickel Copper Plate Anodize	AMS -C-26074 ; AMS -2404 AMS 2418 ; MIL-C-5540 MIL-A-8625 TY II ; AMS 2471 NADCAP CERTIFIED
FPM Heat Treating # 06011 Elk Grove Village , IL	MIL – H – 6875 AMS-H-6875 AMS 2759 / AMS 2759/5	Heat Treat steel raw material Heat treat steel Heat treat steel NADCAP CERTIFIED ( Ex: 31 July 2018 )
Embee Inc. # 05236 Santa Ana, CA	Magnetic Particle Fluorescent Penetrant Cadmium Plate Passivation Flash Anodize Anodize TY I, II CL. I, II Brush Cadmium Plate Nickel Plating Chrome Plating Chemical Film	MIL-STD-1949/ASTM-E-1444 MIL-STD-6866/ASTM-E-1417 QQ-P-416 TY I, II QQ-P-35/AMS-QQ-P-35 TY,AMS 2700 Method 1 MIL-A-63576 Type I MIL-A-8625 MIL-STD-865 AMS QQ-N-290 QQ-C-320 MIL-C-5541 NADCAP CERTIFIED
GSP Coatings # 06169 Brattleboro , VT	Anodize Hard Anodize Passivation Conversion Coating	AMS 2471 ; AMS 2472 MIL-A-8625 ; AMS-A-8625 ; AMS2469 AMS 2700 ; AMS-QQ-P-35 ; ASTM A380 MIL-C-5541 ; AMS 2474 ; MIL-DTL-5541 NADCAP CERTIFIED
Har-Conn Chrome Co. # 08240 West Hartford, Conn.	Chrome Plate Cadmium Plate Electroless Nickel Passivation Anodic of AL. Alloys Chromic Acid Anodic of AL. Alloys Sulf. Acid Undyed Anodic of AL. Alloys Sulfuric Acid dyed Nickel Plate Hard Anodize	AMS-2406, AMS -2460 , AMS -QQ-C-320 AMS-QQ-P-416, AMS 2400 , AMS-2401 MIL-C-26074, AMS-C-26074 , AMS 2405 AMS-QQ-P-35 TY II and VI, AMS 2700 Method 1 AMS 2470 AMS 2471 AMS 2472 AMS 2403, AMS 2423, AMS 2424 AMS 2469 , MIL –A- 8625 NADCAP CERTIFIED
Hansen Aerospace Lab, Inc # 08019	Magnetic Particle Fluorescent Penetrant	Mil-STD-1949/ ASTM-E-1444 Mil-STD-6866/ ASTM-E-1417 NADCAP CERTIFIED
H&S Inspection Service Inc. # 07887 Troy,MI.	Passivation Fluorescent Penetrant Magnetic Particle	AMS-2700 ASTM-E-1417 ASTM-E-1444 NADCAP CERTIFIED
Hercules Heat Treating Corp.#08043 Brooklyn, N.Y.	Aluminum Alloys  Beryllium Copper Nickel & Cobalt Alloys Stainless Steels Steels Titanium Alloys Vacuum Heat Treating Arkwin specification	AMS-Q-A-200 , AMS2772, AMS2771, AMS2770, AMS- H-6088 AMS-H-7199, AMS 2728 , AMS 2759/7, AMS 2774 AMS-H-6875 , AMS 2759/5 , AMS 2759/3 AMS-H-6875, AMS 2759/1, AMS 2759/2 AMS –H-82100, AMS 2801 AMS 2769 - All NADCAP CERTIFIED PS 171 NADCAP CERTIFIED



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Imagineering Enterprises Inc. # 09004 South Bend, Indiana 46619 1302 W Sample St.	Passivation Fluorescent Penetrant Magnetic Particle Eletroless Nickel	QQ-P-35/AMS-QQ-P-35 , AMS 2700 , MIL-S-5002 MIL-STD-6866 , ASTM -E-1417 MIL-STD-1949 , ASTM-E-1444 ASTM B 733 NADCAP CERTIFIED
Imagineering Finishing # 09005 South Bend , IN ; 3722 Foundation Court	Passivation Fluorescent Penetrant Magnetic Particle	QQ-P35/AMS -QQ-P-35 , AMS 2700 MIL-STD-6866, ASTM -E-1417 Mil-std-1949 , ASTM -E-1444 NADCAP CERTIFIED
Induplicate # 09038 N. Providence, RI	Chrome Plate  Nickel Plate	AMS 2460 , AMS 2438 , AMS 2460 , AMS –QQ C-320 AMS 2403 , AMS 2423 , AMS 2424 NADCAP CERTIFIED
Incertec # 09043 Minneapolis , MN	Passivation Penetrant inspection Qualified products Penetrant Inspection Material Penetrant Comparing the brightness of penetrant	ASTM-A-380 , AMS-QQ-P-35 , AMS 2700 ASTM-E-1417 QPL-SAE-AMS-2644 AMS 2644 ASTM –E-1135 NADCAP CERTIFIED
HI-Tech Metal Finishing # 08001 Denton, Texas	Magnetic Particle Penetrant Passivation TY I, II Cadmium Plate Heat Treating Anodize	ASTM E 1444,MIL-STD-6868, ASTME 1417 QQ-P-35/AMS-QQ-P-35, MIL-S-5002, AMS 2700 Method 1 QQ-P-416 Mil-H-6875 , AMS 2759/3 Mil A 8625 Ty 1 Cl 1, 2 Ty 2 Cl 1, 2 NADCAP CERTIFIED
Hitemco LLC # 8220 Old Bethpage , NY	Thermal Spray Plasma coating Tungsten Carbide Coating Tungsten Carbide Cobalt Powder	AMS 2447 ; AMS 2437 AMS 2448 ; AMS 2449 ; AMS 2452 AMS 7882 NADCAP CERTIFIED
Hixson Metal Finishing #08223 Newport Beach, CA.	Anodize  Chemical Film Fluorescent Penetrant Magnetic particle	MIL-A-8625 – TYPE I,IB ( class 1 &2) , Type II ,IIB ( class 1 & 2 ) , TYPE 3 ( class1 & 2 ) , TYPE III (class1 &2) MIL-C-5541, AMS-C-5541 ASTM E 1417 ASTM E 1444 NADCAP CERTIFIED
Hytek Finishes Co Kent , WA # 08285	Magnetic Particle Passivation  Shot Peen Heat Treat Coating	ASTM-E-144 , MIL-I-6868 MIL-S-5002, QQ-P-35 TY II ,VI,VII AMS 2700 method 1, cl 1, 2 , ty II, VI,VII MIL-S-13165 AMS-H-6875 PRF-85285 , PRF-23377 - ALL NADCAP CERTIFIED

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Jan-Kens Enameling # 10032 Monrovia, CA	Magnetic Particle Fluorescent Penetrant Passivation	ASTM-E- 1444 ASTM-E- 1417 AMS-QQ-P-35 Type II, VI , ASTM A 380 , ASTM A 967 , AMS 2700 NADCAP CERTIFIED
K&L Anodizing Corporation # 11005 , CA	Anodizing  Conversion coating  Surface Passivation	MIL-A-63576 , AMS 2468 , AMS 2469 , AMS 2470 , AMS 2471, AMS 2472, AMS 2482Type I MIL-A-8625 Type I,II,III , CLASS 1 and 2 AMS 2473, AMS2474,AMS2477 MIL-DTL-5541 Type I , Class 1A and 3 MIL –DTL-5541 Type II , Class 1A and 3 AMS 2700 Method 1, Type 2,6,7,8 ASTM A380 ,ASTM A967 , QQ-P-35 Type II, VI, VII, VIII NADCAP CERTIFIED
Jet Processing /PCC # 10060 Phoenix , AZ	Penetrant inspection  Anodize Alodine	ASTM E 1417 , MIL-STD -1907 grade A , Arkwin QCW- 011-07 MIL-A-8625 TYPE I cl 1 , TYPE II cl 2 , TYPE III cl 1 MIL-C -5541 , cl III NADCAP CERTIFIED
Laboratory Testing # 11163 Hatfield, PA	Magnetic Particle Fluorescent Penetrant	ASTM-E- 1444 ASTM-E- 1417 NADCAP CERTIFIED
Magellan Aerospace # 18055 West Babylon, NY	Magnetic Particle  Passivation  Nital Etch Ultrasonic Insp. Penetrant Anodize Cadmium Plating	MIL-I-6868, MIL-STD-1949,ASTM-E- 1444, AMS-QQ-P-35;L AMS-2700; ASTM-A-380 ; ASTM-A-967 MIL-S-5002; AMS-QQ-P-35; AMS 2700 Method 1 MIL-STD-867 MIL-I-8950 ; MIL-STD-2132 MIL-STD-6866, ASTM- E – 1417 AMS-2470; AMS-2471;MIL-A-8625 AMS-QQ-P-416 ; AMS -2400 NADCAP CERTIFIED
Nassau Chromium # 14011 Mineola , NY 11501	Sulfuric Anodize Chromic Anodize Cadmium Cooper Chromium Passivate	MIL-A-8625F1 type II , class 1 & 2 MIL-A-8625F1 type I , class 1 & 2 AMS-QQ-P-416E type I , II, III AMS 2418J , MIL -C-14550 AMS-QQ-C-320B class 1 & class 2 AMS 2700, type II , type VI , ASTM A 380 NADCAP CERTIFIED Dry Film Lube ( DFL ) -not certified
Liberty Inspection, Inc. # 12149 Simi Valley, CA	Passivation Magnetic Particle Inspection Penetrant Inspection	AMS-QQ-P-35 , AMS 2700 , ASTM A380 ASTM-E-1444,Mil-I-6868 ASTM-E-1417, Mil-I-6866 NADCAP APPROVED

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Magnetic Inspection Laboratory # 13014 , Elk Grove Village , IL	Liquid penetrant inspection Magnetic particle inspection Cadmium plating Hard anodize Anodize  Passivation	ASTM E 1417 ASTM E 1444 AMS 2400 , AMS 2401, QQ-P-416 , MIL-STD-870 AMS 2468 , AMS 2469 , AMS 2482 AMS 2470 , AMS2471, AMS 2472 AMS-A-8625 , MIL-A8625 AMS 2700 ; QQ-P-35 / AMS-QQ-P-35 ; ASTM A 380 ; ASTM B 912. NADCAP CERTIFIED
Matrix Coatings Inc # 13012 West Palm Beach	Special Coatings	AS9100 /ISO 9001
Manufacturing Technology Inc. # 13098 South Bend, IN	Friction Weld	Arkwin PS 109 ( 1211157-400) AWS C6.2 /C6.2M
Metal Surfaces #13408 Bell Gardens , CA	Conversion Coating Aluminum Passivation Cadmium Plating Nickel Plating Cooper Plating	MIL-C-5541 / MIL-DTL-5541 AMS 2700 , AMS-QQ-P-35 , ASTM A380 AMS 2400 , AMS 2401 , AMS-QQ-P-416 AMS 2403 , AMS 2424 , AMS-QQ-N-290 AMS 2418 , MIL-C-14550 NADCAP CERTIFIED
Marsam Metal Finishing # 12265 , New Britain , CT	Conversion coating Anodize Aluminum , Sulfuric Acid Anodize Aluminum , Hard Anodize Passivation Dry Film Coating Deburing	MIL-C-5541 ; MIL-DTL-5541 ; AMS 2473 AMS 2471 ; MIL-A-8625 ; AMS2472 AMS 2469 ; MIL-A-8625 AMS-QQ-P-35 ; AMS 2700 ; ASTM A967 MIL-PRF-46010 NADCAP CERTIFIED
Met-L-Test Lab (NDT) # 13380 Stratford, CT	Magnetic Particle Inspection  Fluorescent Penetrant Inspection  X –RAY	MIL- STD-1907, ASTM-E-1444 , MIL-STD-6868 ; MIL-I-6868 ASTME 1417, MIL-STD-1907 , MIL-STD-6868 , MIL-I- 6868 ASTM E 1742 , MIL-STD-453 , ASTM E 155 NADCAP CERTIFIED
Metal Improvement # 13403 Windsor, CT ,	Shot Peening and Glass Beading	AMS-S-13165 , AMS 2430, AMS 2432 NADCAP CERTIFIED
Metal Improvement Co. # 13137 Addison, IL	Shot Peening	AMS-S-13165, AMS 2430 NADCAP CERTIFIED
Metal Improvement , # 13402 Vernon , CA	Shot Peening	AMS-S-13165, AMS 2430 , AMS 2331/1 ,AMS 2431/2 SAE J442 , SAE J443 NADCAP CERTIFIED
Metal Improvement CO, Brampton , Ontario	Shot peening  Magnetic Particle Inspection	AMS 2430 , AMS 2432, MIL-S-13165, AMS 2431/1 /2/3/6/7/8 BAC 5424
Metallurgical Proc. # 13407 New Britain, CT	Heat Treating steel Heat Treating Aluminum	AMS 2759/1/2/3/4/5/7/8 AMS 2771 /AMS 2770/AMS 2772 PS 171 – Arkwin ALL NADCAP CERTIFIED
MISTRAS Services # 13180 East Granby , CT	Magnetic Particle Penetrant X RAY	MIL-STD-1949,ASTM-E-1444 MIL-STD-6866,ASTM-E-1417 ASTM –E1742 , MIL-STD-453 NADCAP CERTIFIED

**ASL (APPROVED SUPPLIER LIST)**

**SPECIAL PROCESS SUPPLIER LIST**

<b>SUPPLIER</b>	<b>PROCESS</b>	<b>APPLICABLE SPECS</b>
METCOR, Inc. # 13129 (Steel Treaters of Quebec Inc.)	Heat Treating Steel H.T. Nickel & Cobalt Alloys Heat Treating in Vacuum Heat Treating Aluminum	AMS 2759/1/2/3/4/5/6/7 ; AMS 5629 AMS 2774 AMS 2769 AMS 2770 /AMS 2771 / AMS 2772 AMS-H-6875 - All NADCAP certified
Nasmyth TMF # 14006	Anodizing Chemical Conversion Passivation	AMS 246 ; MIL-A-8625 ; MIL-C-5541 ; MIL-DTL-5541 MIL-C-5541 ; MIL-DTL-5541 ; AMS 2700 ; AMS-QQ-P-35 NADCAP CERTIFIED
New Age Precision Brazing, Inc # 01001 Ronkonkoma, N.Y.	Dip Brazing Aluminum Heat Treat	MIL-B-7883B , MIL-B-007883C , AWS C3.7:2011 Mil- H -6088G , AMS 2770L NADCAP CERTIFIED
Newton Heat Treating Co. Inc. #14227City of Industry, CA	Aluminum Heat Treating	AMS 2770, AMS 2771, AMS 2772, AMS-H-6088 NADCAP CERTIFIED
NYLOK Corp. # 14378 Hawthorne, NJ	Self-locking element	MIL-DTL-18240 , MIL-F-18240  <b>NADCAP NOT CERTIFIED</b>
North East Finishing Company # 14357 Copiague, New York	Liquid penetrant Testing Anodize Type I, Type II , Type II Chemical Film Dry Film Lubricant Brush Cad Plate Passivation Coatings	ASTM-E-1417 Mil-A-8625 MIL-C-5541/ MIL-DTL-5541 CL1A &CL3 MIL-PRF-46010 MIL-STD-865 AMS2700 / QQ-P-35 MIL-PRF-85582 , MIL-PRF-85285 , MIL-PRF-23377 , MIL- PRF-22750 , MIL-DTL-53039 , MIL-DTL-46168, MIL-F- 18624 , MIL-PRF-53022 , MIL-PRF-53030 , MIL-DTL- 64159 NADCAP CERTIFIED
National Peening # 14014 Statesville (NC)	Shot Peening	MIL-S-13165, AMS -S-13165 , AMS 2430
Mistras Service # 15071 St. Lambert, Quebec ( previous Optimus)	Magnetic Particle Penetrant Inspection Radiographic Testing Inspection ultrasonic	MIL-STD-1949,ASTM-E-1444 MIL-STD-6866,ASTM-E-1417 ASTM E 1742 AMS STD 2154 NADCAP CERTIFIED
Element Materials Technologies # 15080 Middleburg Heights, Ohio	Liquid Penetrant Inspection  Magnetic Particle Method  Ultrasonic Method	ASME section III , V, VIII ASTM E165, E1417 ; MIL -STD-271, 2132; T9074-AS-GIB-010/271 (Navy replace MIL-STD-271) ASME Section III , V ,VIII ASTM E1444 ; MIL-STD-271, 232 , T9074-AS-GIB-010/271 (Navy replace MIL-STD-271) ASME section III, V, VIII AMS 2154,2630 ,2631,2632, ASTM A388, B594 ,E213, E1001, E2375, MIL-STD-271 ,2132 , T9074-AS-GIB- 010/271 (Navy replace MIL-STD-271) NADCAP CERTIFIED

## ASL (APPROVED SUPPLIER LIST)

### SPECIAL PROCESS SUPPLIER LIST

SUPPLIER	PROCESS	APPLICABLE SPECS
Parfuse Corporation # 16014 Westbury, NY	Brazing Heat Treat Filler Metal	AWS C3.7M/C3.7 ; AWS A5.31M/A5.31 ; AWS C3.4M/C3.4 AMS 2772 AMS 4185 <b>NADCAP NOT CERTIFIED</b>
Plainville Plating Company,. # 16103 Plainville, CT	Aluminum Chromic , Hard, Sulfuric Anodize Passivation	Mil-A-8625 ; AMS 2470  QQ-P-35/AMS-QQ-P-35 ; AMS 2700 NADCAP CERTIFIED
Peening Technologies of Georgia # 16053	Shot peening	MIL-S-13165
Peening Technology # 08286 East Hartford , CT 06108	Shot peening	AMS 2430 , AMS 2432 , AMS-S-13165 NADCAP CERTIFIED
Poly Metal Finishing # 16105 Springfield, MA	Pre-Bonding Surface Prep of Stainless Steel Chrome /Sulfuric  TY.1 Polytube Hard coat Chromic , Sulfuric , dyed sulfuric Alodine	Arkwin P.S. 288 "ONLY" Arkwin P.S. 289 "ONLY" Mil-A-8625 TY I , TY II, TY III (NOTE : NOT FOR G.E. VSE PARTS) AMS 2482 AMS 2468 ; *AMS 2469 AMS 2470 , AMS 2471, AMS 2472 AMS 2473 ; MIL C 5541 NADCAP CERTIFIED
Praxair Surface Technologies , # 16226 , Indianapolis , IN	Surface Technologies	Tungsten Carbide AMS 2435 type A,B,C Coating Plasma Spray Deposition , AMS 2437-2 Thermal Spray , Plasma Coating AMS 2447-7 , AMS 2447-9 – <b>NADCAP NOT CERTIFIED</b>
Praxair Surface Technologies # 16225 CT , North Haven	Coating Tungsten Carbide Coating Plasma Spray Deposition Thermal Spray , Plasma Coating	AMS 2435 TYPE A , B , C AMS 2437-2 - NADCAP AMS 2447-7 ; AMS 2447-9 NADCAP CERTIFIED
Praxair Surface Technologies # 16224 CT , Manchester	Heat Treat Steel Heat Treat Aluminum	AMS 2759/3 ; AMS 2759/5 AMS 2770
Platinadora Baja # 16373 Tijuana – Mexico	Al Hard Anodize Al Anodize Sulfuric Electro less Plating Cadmium Plating Nickel Plating Passivation	AMS 2469 , AMS-A-8625 / MIL-A-8625 AMS-A-8625 / MIL-A-8625 AMS 2404 , AMS-C-26074 / MIL-C-26074 AMS-QQ-P-416 AMS 2403 , AMS-QQ-N-290 , AMS 2423 AMS 2700 , AMS-QQ-P-35 , ASTM A 380 NADCAP CERTIFIED
Precision Coil Spring #16248	Pyrometry Heat Treating	AMS - 2750 NADCAP AMS-2759/3, AMS-2759/4, AMS -2801 , AMS-H-6875 , AMS-H-81200 , MIL –H-7199 NADCAP CERTIFIED
P.T.I. Industries # 16183 Enfield, CT	Magnetic Particle Penetrant Fluorescent Penetrant Passivation Dry film	ASTM E 1444 MIL-STD-6866, ASTM E 1417 AMS-QQ-P-35 Type II,VI , AMS 2700 Method 1, MIL-PRF-46010, MIL-L-46010, MIL-L-8937 NADCAP CERTIFIED

## ASL (APPROVED SUPPLIER LIST)

### SPECIAL PROCESS SUPPLIER LIST

SUPPLIER	PROCESS	APPLICABLE SPECS
Robert Wooler Co. # 18072	Heat Treating Stainless Steel Steels	MIL-H-6875, AMS-H-6875 AMS 2759/1/2/3/5/7 NADCAP CERTIFIED
Quality Heat Treating # 16576 Burbank ( CA)	Heat Treating	AMS -H-6875 AMS 2759/1 , AMS 2759/2, AMS 2759/4 NADCAP CERTIFIED
Southern Maine Specialties Inc. # 19221 Saco, ME	Nickel Plating Aluminum Conversion Coatings Aluminum Anodize Electro Deposited Tin Passivation	QQ-N-290 MIL-C-5541 AMS 2471, 2472, MIL-A-8625 ASTM-B-545, ASTM B117 AMS-QQ-P-35, AMS 2700 Method 1, 2 TY 1Thru 4,6&7 CL. 1,2,3 MIL-STD-753, -5002 <b>NADCAP NOT CERTIFIED</b>
Spirol International Corp. # 19326	Passivation nonconventional machining : laser beam machining & cutting	AMS 2700 , AMS- QQ-P-35 , ASTM A380 , ASTM A 967 AS7003 NADCAP CERTIFIED
Specifications Plating # 19330 Bridgeport, Conn	Passivation Electroless plating Chromium plating Cooper plating Nickel plating Silver plating Tin plating  Black oxide Black oxide	ASTM-A-967 ; AMS 2700 MIL-C-26074 ; ASTM -B-733 QQ-C-320 ; AMS -2406 MIL-C-14550 QQ-N-290 QQ-S-365 ; AMS 2412 MIL-T-10727 ; ASTM -B-545 All above NADCAP certified MIL-DTL-13924 <b>NADCAP NOT CERTIFIED</b> AMS 2485(per checklist ) <b>NADCAP NOT CERTIFIED</b>
Southwest United Industries # 19089 ; TUSLA , OK	Cadmium Plating	FPS1007 ( LM approved)
Superior Plating # 19060 Southport, Conn	Chromium Plating Electro Chemical Striping	AMS-QQ-C-320 ; MIL-STD-1501 ; AMS 2424 ; MIL-STD -871 ; AMS-C-26074 ; NADCAP CERTIFIED
Temperature Processing Co. # 20046 North Arlington, NJ	Heat Treating stainless steel Heat Treating stainless steel Vacuum Heat Treating	AMS-H-6875 AMS 2759/3 AMS 2769 <b>NADACP NOT CERTIFIED</b>
Team Industrial Services Inc # 13024 Berlin , Conn Previously: Cooperheat-M.Q.S. Inc	Magnetic Particle  Penetrant Inspection  Ultrasonic Insp. NDT Examination X-Ray	ASTM-E-1444 , MIL-STD-1949 MIL-I-6868 ; AMS 2640 ; MIL-STD-2132 ASTM -E-1417 , MIL-STD-6866 MIL-I-6866,AMS 2645/2646 MIL-STD-2154, MIL-I-8950 MIL-STD-2132, ASTM E 1742 , ASTM E 2104 NADCAP CERTIFIED
Temperature Processing Co. # 20046 North Arlington, NJ	Heat Treating stainless steel Heat Treating stainless steel Vacuum Heat Treating	AMS-H-6875 AMS 2759/3 AMS 2769 <b>NADACP NOT CERTIFIED</b>

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**SPECIAL PROCESS SUPPLIER LIST**

<b>SUPPLIER</b>	<b>PROCESS</b>	<b>APPLICABLE SPECS</b>
Team Industrial Services Inc # 13024 Berlin , Conn Previously: Cooperheat-M.Q.S. Inc	Magnetic Particle  Penetrant Inspection  Ultrasonic Insp. NDT Examination X-Ray	ASTM-E-1444 , MIL-STD-1949 MIL-I-6868 ; AMS 2640 ; MIL-STD-2132 ASTM –E-1417 , MIL-STD-6866 MIL-I-6866,AMS 2645/2646 MIL-STD-2154, MIL-I-8950 MIL-STD-2132, ASTM E 1742 , ASTM E 2104 NADCAP CERTIFIED
Texas Precision Plating Inc. # 20031 Garland, TX	Cadmium Plating Anodize TYPE II , TYPE III Chemical Film Passivation Black oxide Nickel	QQ-P-416 Mil-A-8625 MIL-C-5541 QQ-P-35 MIL-C-13924 QQ-N-290 <b>NADCAP NOT CERTIFIED</b>
Tru-Tone Metal Products # 20180 Brooklyn, NY	Anodize TYI, TYII, TYIII Chemical Film Passivation	MIL-A-8625 MIL-C-5541/AMS-C-5541 AMS QQ-P-35 NADCAP CERTIFIED
US Chrome of Ohio # 21047	Electroless Nickel Plating	AMS 2404 , AMS 2405 NADCAP CERTIFIED
U.S. Chrome Corp of Conn # 21048 Stratford, Conn Repair Station #USYR953K	Chromium Electroless Nickel Stripping HVOF from Aluminum - SIKORSKY Stripping HVOF from stainless steel - Rolls Royce	AMS 2460 , AMS-QQ-320 , AMS 2406 AMS 2404 , MIL-C-26074 NADCAP CERTIFIED SS8520  RPS592
Vac-Aero International # 21095 Oakville – Ontario	Heat Treating	AMS 2759 ; 2759 /1 ; 2759/2 ; 2759 /3 ; 2759/4 ; 2759 /5 AMS-H-6875 CL –A / CL-B / CL-C / CL- D AMS 2801; AMS –H-81200 ; AMS 2769 NADCAP CERTIFIED
Vac-Aero International # 21206 St. Laurent, Quebec	Heat Treating Stainless steel Heat Treating Aluminum Alloys	AMS-H-6875, AMS 2759/3 , AMS 2759/4 , AMS2759/5 AMS 2770 , AMS 2771 NADCAP CERTIFIED
Vacu Braze # 16096 Perkasie , NJ	Heat Treating	AMS 2759 , AMS 6875 <b>NADCAP NOT CERTIFIED</b>
Vernon Plating Works Inc. # 22033 Woodside, NY	Anodize TY II Cadmium Plate Black Oxide	MIL-A-8625 QQ-P-416,AMS 2400 MIL-C-13924 NADCAP CERTIFIED

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**SPECIAL PROCESS SUPPLIER LIST**

<b>SUPPLIER</b>	<b>PROCESS</b>	<b>APPLICABLE SPECS</b>
Valley Plating, Inc. # 21105 Springfield , Mass.	Passivation  Silver Plate Anodic of AL Alloys Chromic Acid Anodic of AL Alloys Sulfuric Acid undyed Anodic of AL Alloys Sulfuric Acid dyed Tin Plate Cadmium Plate Anodize	AMS-2700 TYPE I & II , AMS-QQ-P-35 TYPE II & VI , ASTM-A-380 , ASTM-A-967 AMS-2410, AMS-2411, AMS-2412, ASTM-B-700 AMS 2470 AMS 2471  AMS 2472  AMS-2408 , ASTM-B545 AMS-2400 , AMS-2401 , AMS-QQ-P-416 MIL-A-8625 TYPE : I , IC , II , IIB , III  NADCAP CERTIFIED
Vijaya Metal – Bangalore – India # 21329	Aluminum conversion Anodizing Aluminum	MIL-C-5541 ; AMS 2473 ; MIL DTL-5541 MIL –A – 8625
Vacu Braze INC # 21094 Pericasie ,PA	Vacuum Harden Vacuum Solution Anneal , Vacuum Bright Age Harden	AMS 6875 , AMS 2759 , ASME NCA 3800  <b>NADCAP NOT CERTIFIED</b>
Westfield Electroplating # 23208 Westfield, Mass	Anodize Cadmium Plate Chemical Film Chrome Plating Nickel Plating Passivation Chemical conversation Solid Film Lubricant Coating Silver Plating Eletroless Nickel	MIL-A-8625 AMS 2400,AMS 2401, QQ-P-416 , ASTM- B- 766 AMS2473,MIL-C-5541/AMS-C-5541 AMS2406,AMS2470,QQ-C-320 AMS 2403, QQ-N-290 QQ-P-35/AMS-QQ-P-35, AMS 2700 MIL-C-5541/AMS-C-5541 , MIL-C-81706 MIL-L-8937 QQ-S-365 AMS-C-26074, AMS2404 NADCAP CERTIFIED