Lockheed Martin F-35 Lightning II

A cross-reference of program suppliers, including 260 companies.

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Note that the information contained in this index has been compiled from a variety of sources, and has not necessarily been confirmed by the aircraft manufacturer in every case. Please refer to our terms and conditions of use on the last page of this report.
Company index

This list is sorted alphabetically by company name, and provides contact telephone and web address details. It also lists the company’s involvement in the Lockheed Martin F-35 Lightning II program. Please note that the program data is gathered from a variety of sources and not necessarily confirmed by the airframer.

3M Aerospace Sealants
7341 Anacona Ave., Garden Grove, CA 92841, U.S.A.
T: +1 714 373 2837
F: +1 714 373 1913
innovation@3m.com
www.3m.com/aerospace


Acorn Surface Technology Ltd
Clover Street, Kirby-in-Ashfield, Nottingham NG17 1EF, UK.
T: +44 1623 753 107
F: +44 1623 754 538
david.cox@acornst.co.uk
www.acornst.com

Surface Treatment: Metal Finishing/Polishing - Finishing.

Adaptive Technologies, Inc.
2020 Kraft Drive, Suite 3040, Blacksburg, VA 24060, U.S.A.
T: +1 540 951 1284
F: +1 540 951 1993
info@adaptivetechnic.com
www.adaptivetechnic.com

Aircraft Operations: Headsets - Hearing protection & communication device.

Advanced Integration Technology, Inc.
Suite 100, 2805 E. Plano Pkwy, Plano, TX 75074, U.S.A.
T: +1 972 423 8354
F: +1 972 423 8469
tai@ait.com
www.ait.com

Production Equipment: Remote Positioning Systems - Electronic mate & assembly system.

Advanced Photonix (Luna)
2925 Boardwalk, Ann Arbor, MI 48104, U.S.A.
T: +1 734 864 5600
F: +1 734 998 3474
solutions@lunainc.com
www.lunainc.com


Aerea S.p.A.
Via Celfalonia 18, I-20156, Milan, Italy.
T: +39 02 334 831
F: +39 02 3340 2676
aerea@aerea.it
www.aerea.it

Engine Components: Engine Parts - Parts for P&W F135.

Aero TCS srl
Via Giuseppe Cottolengo 34, Mappano di Casselle, I-10072 Turin, Italy.
T: +39 011 922 1855
info@aerotcs.it
www.aerotcs.it

Engine Components: Engine Nozzles - Oil nozzle components for main engine bearing compartments (for Pratt & Whitney).

AeroControlex
313 Gillette St., Pineville, OH 44077, U.S.A.
T: +1 216 291 6025
F: +1 216 291 6045
service@aerocontrolex.com
www.aerocontrolex.com


Aerofit, Inc.
1425 South Acacia Avenue, Fullerton, CA 92831, U.S.A.
T: +1 714 521 5060
F: +1 714 670 6653
sales@aerofit.com
www.aerofit.com

Mechanical Components: Fluid Fittings - Fittings.

Aeronic Corporation
1212 N. Hercules Avenue, Cleanwater, FL 33456, U.S.A.
T: +1 434 973 3311
F: +1 434 973 2976
info@aeronic.com
www.aeronic.com

Indicators and instruments: Air Data Computers - Air data system.

Aerospace Dynamics International
25540 Rye Canyon Road, Valencia, CA 91355-1169, U.S.A.
T: +1 661 257 3335
F: +1 661 257 2143
communications@precastcorp.com
www.precast.com

Airframe Assemblies: Aircraft Interior Bulkheads.

Structural Components: Aircraft Structural Components - Wing bolt, canopy bow frame, canopy arch frame, Wing Spars - Forward wing spar.

Airborne Systems Ltd.
Llangeinor, Bridgend CF32 8BP, UK.
T: +44 1656 727 000
F: +44 1656 721 100
sales@airborne systems.co.uk
www.airborne systems.co.uk


Airom Inc. Pressure Technologies
9445 Evergreen Blvd. NW, Minneapolis, MN 55433-8940, U.S.A.
T: +1 763 786 0000
F: +1 763 786 4622
airmo@airom.com
www.airom.com

Test Equipment: Hydrostatic Test Equipment - Hydrostatic test tools; high pressure test connectors for conductube/ integrity testing.

Alair Aircraft Hinge, Inc.
6231 Randolph Street, Commerce, CA 90040, U.S.A.
T: +1 323 725 1666
F: +1 323 726 0639
alairsales@alair.com
www.alair.com

Mechanical Components: Hinges.

Alp Aviation
Organize Sanayi Bolgesi 8 Cadde, TR-26110 Eskisehir, Turkey.
T: +90 222 236 1300
F: +90 222 236 1285
alpavacil@ialp.com.tr
www.alp.com.tr

Engine Components: Gas Turbine Hub Assemblies - Rear fan hub for F135 engine.

Rotors & Propellers: Turbine Engine Rotors - Titanium integrally bladed rotors for F135 engine.

AMI Metals Inc.
1736 General George Patton Drive, Brentwood, TN 37027, U.S.A.
T: +1 615 377 0400
F: +1 615 377 0103
request@ammetals.com
www.ammetals.com

Metals: Aluminium - Flat rolled sheet aluminium.

Apex Industries
100 Millennium Blvd., Moncton, NB E1E 2G8, Canada.
T: +1 506 857 1620
kmdonaldson@apexindustries.com
www.apexindustries.com

Reservoirs: Bootstrap reservoirs.

Arco Precision Machined Parts - Provides simple to complex machined parts and assemblies in support of the F-35 program.

APR Srl
Via Roberto Incerti, 10, Pinerolo, I-10064 Torino, Italy.
T: +39 0121 377515
apr@aprit.it
www.aprit.it

Engine Components: Engine Parts - Parts for P&W F135.

Arconic Forgings and Extrusions Cleveland (Alcoa)
1600 Harvard Avenue, Cleveland, OH 44105-3092, U.S.A.
T: +1 216 641 3600
F: +1 216 641 4375
www.arconic.com

Structural Components: Metal & Alloy Forgings - 7085 alloy aluminium die forgings.

Arconic Power and Propulsion (Arconic TITAL)
Kapellenstraat 44, D-59909 Bestwig, Germany.
T: +49 2904 981 0
F: +49 2904 981 100
arconictital@arconic.com
www.arconic.com

Structural Components: Metal & Alloy Castings - Aluminium & titanium investment castings.

Arkwinc Industries Inc.
686 Main Street, Westbury, NY 11590, U.S.A.
T: +1 516 333 2640
F: +1 516 334 6786
rhultrakm@arkwinc.com
www.arkwinc.com

Actuation: Mechanical Actuators - Lility actuators.

Fluid Power: Reservoirs - Bootstrap reservoirs.

Ascent Tooling Group: Coast Composites
1395 South Lyon St, Santa Ana, CA 92705, U.S.A.
T: +1 949 455 0665
F: +1 949 445 0061
info@coastcomposites.com
www.coastcomposites.com

Production Equipment: Moulds - Lay-up mould (for Htco).

Tooling: Jigs & Fixtures - Assembly Jigs & tools (for Norhrop) - Composite tooling (for Norhrop, ATK & Htco).

ASCO Aerospace Canada
8510 River Rd., Delta, BC V4G 1B5, Canada.
T: +1 604 946 4900
F: +1 604 946 4671
krussel@ascoatloespace.ca
www.asco.ca

Airframe Assemblies: Fuselage Sections - Titanium bulkheads & longerons.

Asco Industries N.V
Weivelisduin 2, B-1930 Zaventem, Belgium.
T: +32 2 7160 611
asco@ascoaerospace.com
www.ascoaerospace.com

Airframe Assemblies: Wing Flaps - Flaperon spars for Fokker Aerostructures.

Astronaut Luminescent Systems Inc
130 Commerce Way, East Aurora, NY 14022, U.S.A.
T: +1 716 655 0800
F: +1 716 655 0369
lsny@astronomics.com
www.astronomics.com

Lighting: Aircraft Exterior Lighting Systems - Exterior lighting system.

ATS Applied Tech Systems Ltd.
59A Coton Road, Nuneaton, Warwickshire CV11 1ESTS, U.K.
T: +44 2476 352 481
shawn.belton@ats-global.com
www.ats-global.com

Measurement: Laser Measuring Equipment - Laser gauge equipment for gap & flushness measurement, fastener hole diameter measuring equipment with DataMyte Data
1,109 different aircraft with 12,162 links to suppliers*

* figures correct as at 18 May 2013, but updated daily.
4,269 companies in 1,752 product categories with 24,358 links between*

* figures correct as at 18 May 2013, but updated daily.
A
evionic Components
www.cobham.com
info@cobham.com
F:
T:

Electrical Components
www.copind.com
sales_CAI_CA@circor.com
F:
T:

Cobham Microelectronic Solutions
9404 Chesapeake Drive, San Diego, CA 92123, U.S.A.
T: +1 858 560 1301
F: +1 858 560 0291
info@cobham.com
www.cobham.com
Microwave Components - RF microelectronics.

Ciclic Corporation
24960 Ave. Tibbiffs, Valencia, CA 91355-3428, U.S.A.
T: +1 661 295 1295
F: +1 661 295 0813
flatcable@ciclic.com
www.ciclic.com

CIRCOR Aerospace Products Group
2301 Wardfile Circle, Corona, CA 92880, U.S.A.
T: +1 951 270 6200
F: +1 951 270 6201
sales_CAI_CA@circoraeospace.com
www.circoraeospace.com

Cobham Aerospace, Actuation Systems
Piazza Arturo Graf, 147, I-10126 Turin, Italy.
T: +39 011 693 21
F: +39 011 693 2409
www.cobhaesaerospesystems.com
Mechanical Components: Ice Protection / Prevention Equipment - Anti-ice system for F-135 engine.

Cobham Aerospace, Avionics Division
400 Collins Road NE, Cedar Rapids, IA 52498, U.S.A.
T: +1 319 295 1000
F: +1 319 295 4333
www.cobhaesaerospesystems.com
Indicators and instruments: Helmet-Mouted Displays (HMD) - Gen III HMDs (with Ebit Systems of America).

Cobham Aerospace, Electric Systems
4747 Harrison Avenue, Rockford, IL 61108, U.S.A.
T: +1 815 226 6000
F: +1 815 226 7288
www.cobhaesaerospesystems.com

Cobham Aerospace, Landing Gear
6225 Oak Tree Boulevard, Independence, OH 44131, U.S.A.
T: +1 216 341 1700
F: +1 216 429 4806
www.cobhaesaerospesystems.com
Landing Assemblies: Aircraft Landing Gear - Landing systems for all variants.

Cobham Aerospace, Mechanical Systems - Actuation
Stafford Road, Fornhouses, Wolverhampton, West Midlands WV10E7H, U.K.
T: +44 1902 624 644
F: +44 1902 624 947
www.cobhaesaerospesystems.com
Actuation: Electromechanical Actuators - Utility actuators for weapons bay door; downlock & retract actuators for landing gear system; weapons bay door drive system.

Cobham Aerospace, Power & Controls - Engine Components
104 Otis Street, Rome, NY 13441-4714, U.S.A.
T: +1 315 838 1200
F: +1 315 838 1480
www.cobhaesaerospesystems.com
Power Transmission: Shafts & Shaft Assemblies - Power take off shaft.

Cobham Aerospace, Power & Controls Division
One Hamilton Road, Windsor Locks, CT 06096-1010, U.S.A.
T: +1 860 654 6000
F: +1 860 333 0800
www.cobhaesaerospesystems.com
Engine Components: Engine Controls - Control system, external accessories & gearbox for F-135 engine.

Curtiss-Wright Flight Systems
201 Old Boiling Springs Road, Shelby, NC 28122, U.S.A.
T: +1 704 481 1150
F: +1 704 481 2223
www.cwflightsystems.com
Weapons Systems: Ordnance Handling Equipment - Ordnance hoist system & ordnance quick latch system; structural components for Trapeze missile launch system.

Custom Electronics, Inc.
87 Browne Street, Oneonta, NY 13820-1096, U.S.A.
T: +1 607 432 3980
F: +1 607 432 3913
sales@customelec.com
www.customelec.com
Passive Electronic Components: Capacitors - Capacitor assembly.

Crysalium
e 3397 De La Cruz Blvd., Santa Clara, CA 95054, U.S.A.
T: +1 408 653 1700
F: +1 408 653 1710
efrancis@crystalumme.com
www.crystalumme.com
Machining: Drill bits - Diamond coated drills.

CSC Australia Pty Ltd
26 Talavera Road, Macquarie Park, NSW 2113, Australia.
T: +61 2 9001 1111
F: +61 2 9001 1331
generalinformation@csc.com
www.csc.com
Computer-Aided Testing Test program set, interface test adapter & environmental stress screening for CN avionics interface controller.

CTRL Systems, Inc.
Suite H, 1004 Littlestown Pike, Westminster, MD 21157-3026, U.S.A.
T: +1 410 876 5676
F: +1 410 848 8073
info@ctrlsys.com
www.ctrlsys.com
Inspection Equipment: Ultrasonic Inspection Equipment - UL 101 ultrasound diagnostic tool.

Cubic Defense Applications
9333 Balboa Avenue, San Diego, CA 92123, U.S.A.
T: +1 858 277 6780
F: +1 858 505 1523
cubicinfo@cubic.com
www.cubic.com
Indicators and instruments: Electronic Flight Instrument Systems - Aircraft embedded air combat training system.

Curtiss-Wright Flight Systems
201 Old Boiling Springs Road, Shelby, NC 28122, U.S.A.
T: +1 704 481 1150
F: +1 704 481 2223
www.cwflightsystems.com
Weapons Systems: Ordnance Handling Equipment - Ordnance hoist system & ordnance quick latch system; structural components for Trapeze missile launch system.

Curtiss-Wright Flight Systems
201 Old Boiling Springs Road, Shelby, NC 28122, U.S.A.
T: +1 704 481 1150
F: +1 704 481 2223
www.cwflightsystems.com
Weapons Systems: Ordnance Handling Equipment - Ordnance hoist system & ordnance quick latch system; structural components for Trapeze missile launch system.
1.25 million impressions of 13,083 web pages by 399,000 unique visitors*

*annual figures for year to May 2013*
FTG Aerospace Inc.  20740 Manila St, Chatsworth, CA  91311, U.S.A.  
T: +1 818 407 4024  
F: +1 818 407 4033  
serviceusa@ftgcorp.com  
www.ftgcorp.com  
Lighting: Instrumentation Lighting - Cockpit night vision edge lit panels.  

GE Aircraft Engines  1 Neumann Way, Cincinnati, OH 45215-6301, U.S.A.  
+1 513 243 2000  
www.geae.com  
Engines: Turbofan Engines - F135 engine (with Rolls Royce): compressor, coupled turbine, controls & accessories; augmentor.  

GE Aircraft Engines, Mississauga  2300 Meadowvale Blvd, Mississauga, ON L5N 5P9, Canada  
+1 905 858 5480  
F: +1 905 858 5424  
www.geae.com  
Engine Components: Turbine Engine Vanes - inlet guide vanes & stage 1 high pressure compressor variable stator vanes for F136 engines.  

GE Aviation Systems  3290 Patterson Avenue, SE, Grand Rapids, MI  49512-1911, U.S.A.  
+1 616 241 7000  
F: +1 616 241 7533  
www.geaviationsystems.com  
Flight and Data Management: Onboard Computers - Advanced Data Transfer Equipment: tactical data equipment avionics.  
Weapons Systems: Stores Management Systems - Stores management system; Missile Remote Interface Unit.  

+44 2380 453 371  
+44 2380 744 042  
aviation.germaneirlines@ge.com  
www.geaviationsystems.com  
Structural Components: Aircraft Structural Components - integrated canopy frame assembly.  

GE Aviation Systems Avionics  School Lane, Charders Ford, Eastleigh, Hants SO53E5N, U.K.  
+44 2380 242 000  
F: +44 2380 242 001  
www.geaviationsystems.com  
Engine Components: Engine Health Monitoring - Diagnostic sensors for engine gas path debris monitoring, for F135 engine.  

GE Aviation, Digital & Electrical Power  Bishops Cleeve, Cheltenham, Gloucestershire GL523SF, U.K.  
+44 1242 673 333  
F: +44 1242 661 661  
www.geaviationsystems.com  


Physical Components: Engine Inlets - high performance titanium engine ducts.  

GKN Aerospace - Felton  PO Box 500, Golf Course Lane, Felton, Bristol BS384AU, U.K.  
+44 117 317 5000  
+44 117 317 5001  
www.gknaero.space  
Structural Components: Aircraft Structural Components - Precision machined titanium structures for all air & tail sections (for BAE).  


Structural Components: Aircraft Structural Components - Precision machined titanium structures for all air & tail sections (for BAE).  


Harris corrosion 1500 New Horizons Boulevard, North Amityville, NY 11701, U.S.A.  
+1 631 630 4000  
www.harris.com  
Weapons Systems: Stores Management Systems - internal weapon bays, including pneumatic weapon release units.  

Harris Antenna Products (EDO Corp)  433 Cormack Road, Deer Park, NY 11729-4091, U.S.A.  
+1 631 218 5575  
www.harris.com  

Harris Corp (Govt Communications Systems Div)  2400 Palm Bay Road, N.E., Palm Bay, FL 32905, U.S.A.  
+1 321 727 4000  
F: +1 321 727 4500  
govt@harris.com  
www.govcomm.harris.com  
Communications (Airborne): Radio Communications Equipment - hardware systems for intra-flight data link, including phased array antenna & antenna interface hardware.  
Flight and Data Management: Avionics Management Systems - avionics infrastructure, fibre-optic network solutions, power supplies.  

Harris Corporation NY  60 East 42nd Street, New York, NY 10165, U.S.A.  
+1 212 716 2000  
F: +1 212 716 2050  
www.harris.com  

Harris Corporation UT  506 N. Billy Mitchell Road, Salt Lake City, UT 84116, U.S.A.  
F: +1 801 537 1800  
+1 801 363 9554  
www.harris.com  
Engine Components: Engine Parts - composite blade seal components.  

Harris Corporation VA  1650 Tysons Blvd, Suite 1700, McLean, VA 22102, U.S.A.  
+1 703 790 6300  
F: +1 703 790 6360  
www.exelisinc.com  
Weapons Systems: Ordnance Handling Equipment - pneumatic carriage & release systems.  

HBM nCode  26555 Evergreen Rd, Ste. 700, Southfield, MI  48074, U.S.A.  
F: +1 248 350 8300  
F: +1 248 350 1678  
info@ncode.com  
www.ncode.com  
Test Services: Data Analysis - Test data management & processing.  

Héroux-Devtek Inc.  1111 St-Charles St W #658, E. Tower, Longueuil, QC J4K 5G4, Canada.  
+1 450 679 5450  
+1 450 679 4554  
sales@herouxdevtek.com  
www.herouxdevtek.com  
Airframe Assemblies: Wings - wing carry-through bulkheads; wing structural components; Wings - Wingbox parts; inner wing bulkheads.  
Avionics Components: Avionics Radomes - Electronic chassis components.  
Landing Assemblies: Landing Gear - flight opening door unlocking system (FOUS).  
Structural Components: Aircraft Structural Components - Complex structural machined parts & assemblies for outer & inner wing, & forward fuselage.  


Hexcel Composites
Z. I. La Plaine, BP 27 Daguenaux, F-01121 Montceau Cedex, France.
T: +33 4 72 25 26 27
F: +33 4 72 27 30
communications@hexcel.com
www.hexcel.com
Composites: Honeycomb Core Composites - Honeycomb, prepregs.

HiRel Connectors, Inc.
760 West Wharton Drive, Claremont, CA 91711-4800, U.S.A.
T: +1 909 626 1820
F: +1 909 399 0262
info@hiirelco.com
www.hirelco.net
Electrical/Electronic Connectors: Electrical & Electronic Connectors - Connectors.

Ho-Ho-Kus, Inc.
189-201 Lyon St., Paterson, NJ 07524, U.S.A.
T: +1 973 278 2274
F: +1 973 278 4885
sales@ho-ho-kusi.com
www.hohokusinc.com
Fasteners.
Mechanical Components: Clamps.

Honeywell Aerospace, Aircraft Landing Systems
3520 Westminster St, South Bend, IN 46628-1373, U.S.A.
T: +1 574 231 2020
customer.service@honeywell.com
www.honeywell.com

Honeywell Aerospace, Electronic Systems
15001 NE 36th Street, PO Box 97001, Redmond, WA 98073-9701, U.S.A.
T: +1 425 885 3111
dlevins@honeywell.com
www.honeywell.com
Indicators and Instruments: Radar/Radio Altimeters - HG7830 low probability of intercept radar altimeter.

Hutchinson Aerospace & Industry (Barry Controls)
82 South Street, Hopkinton, MA 01748, U.S.A.
T: +1 508 417 7000
F: +1 508 417 7226
hutchinsonsni.com
Mechanical Components: Vibration isolators - isolation systems.

Hydraflow
1881 W. Malvern, Fullerton, CA 92833, U.S.A.
T: +1 714 773 2600
F: +1 714 773 6251
info@hydraflow.com
hydraflow.com
Non-Mechanical Components: Metallic hoses.

IBC Advanced Alloys, Engineered Materials Div
55 Jonspin Road, Wilmingtton, MA 01887, U.S.A.
T: +1 978 284 8900
emsales@ibcadvancedalloys.com
www.ibcadvancedalloys.com
Metals: Beryllium - Electro-optical targeting system aermoth gimballed housing cast in beryllium-aluminium casting alloy.

Icon Polymer Group Ltd
Thurmont Lane, Retford, Notts DN22 6EH, U.K.
T: +44 1777 714 300
info@iconpolymer.com
www.iconpolymer.com
Mechanical Components: Manifolds & Ducts - Lightweight silicon ducting in environmental cooling system.

Janicki Industries
1475 Moore Street, Sedro-Woolley, WA 98284, U.S.A.
T: +1 360 856 5143
F: +1 360 856 0332
info@janicki.com
www.janicki.com
Test Services: Prototyping - Full scale pole model for radar signature testing.
Tooling: Jigs & Fixtures - Wing structure vacuum holding fixture.

JHMCS II (was Vision Systems International)
641 River Oaks Parkway, San Jose, CA 95134, U.S.A.
T: +1 408 532 5300
F: +1 408 432 8449
info@jhmcsii.com
www.jhmcsii.com
Indicators and instruments: Helmet-Mounted Displays (HMD) - Integrated helmet mounted display system.

Kale Aero
Istanbul Endüstri ve Ticaret Serbiset, Ayr Serbiset Bridge Mah.6, Sok. No.5, TR-34957 Tuzla, Istanbul, Turkey
T: +90 216 581 4075
F: +90 216 581 4001
hgulgonul@kaleaero.com
www.kaleaero.com
Airframe Assemblies: Fuselage Sections - Fuselage parts manufacture & processing for LM-Aero/Northrop Grumman TAA.
Engine Components: Engine Parts - Engine hardware for F135 engine.

Kalekalip
Sefakoy, Tervik Bey Mh, Iliktal Cad. No: 13, TR-34295 Kucukcekmece, Istanbul, Turkey.
T: +90 212 624 06 70
F: +90 212 579 55 29
ccm@kalekalip.com.tr
www.kalekalip.com.tr
Engine Components: Compressors - High compressor shroud sets for F135 engine.

Kencoia Aerospace (was HGMC)
345 Airport Road, Eastman, GA 31023, U.S.A.
T: +1 478 374 7764
info@kencoia.com
www.kencoia.com
Metals: Metal & Alloy Fabrizations - Fabrication of precision sheet metal.
Structural Components: Precision Machined Parts.

Kitron ASA
Olav Trumborg vei 4, N-1396 Billingstad, Norway.
T: +47 67 10 64 64
info@kitron.com
www.kitron.com
Active Electronic Components: Electronic Components - Subassy叭lation-electronic modules for Nordrop Grumman CH.

KMW / DutchAero
Zwaanstraat 1, NL-5651 CA Eindhoven, Netherlands.
T: +31 40 257 8484
sales@dutchaero.nl
www.kmwe.com
Engine Components: Blisks - First stage compressor disk.

Kongsberg Defense & Aerospace AS
PO Box 1003, N-3601 Kongsberg, Norway.
T: +47 32 288 200
F: +47 32 288 620
kcls.office@kongsberg.no
www.kongsberg.com
Composites: Subcontracted Composite Parts - Composite parts & subassemblies for centre fuselage; composite & titanium components for rudders.
Structural Components: Aircraft Structural Components - Rudders & vertical leading edges.

Kreisler Manufacturing
180 Van Ripper Avenue, Elmwood Park, NJ 07407, U.S.A.
T: +1 201 791 0700
F: +1 201 791 8015
aeroengine@unitedflexible.com
www.unitedflexible.com
Non-Mechanical Components: Tube Assemblies - Tube and pipe components and assemblies for the engines.

Ksarja Corporation
300 Griffin Brook Drive, Marlton, NJ 08053, U.S.A.
T: +1 978 933 0511
F: +1 978 933 0510
info@ksarja.com
www.ksarja.com
Fibre Optics: Fibre-Optic Cable - Cable assemblies.

Kuka Aero
600 Center Drive, Sterling Heights, MI 48312, U.S.A.
T: +1 586 975 2000
F: +1 586 978 0429
www.kuka.com/en-us/industries/other-industries/aerospace
Tooling Integrated assembly line.

Kulite Semiconductor Products, Inc.
One Willow Tree Road, Leonia, NJ 07605, U.S.A.
T: +1 201 461 0950
F: +1 201 461 0990
info@kulite.com
www.kulite.com
Sensors, Transducers & Detectors: Transducers - Pressure transducers.

L3 Aviation Recorders
100 Cattlemen Road, Sarasota, FL 34232, U.S.A.
T: +1 941 371 0811
F: +1 941 371 5591
dir.aviationsales@L-3com.com
www.l-3c.com
Flight and Data Management: Flight Recorders - Crash recorder.

L3 Display Systems
1355 Bluegrass Lakes PIxby, Alpharetta, GA 30004, U.S.A.
T: +1 770 752 7000
F: +1 770 752 5481
www.L-3c.com/displays
Indicators and Instruments: LCD Displays -Panoramic Cockpit Display; display management computer.

LAI International, Inc.
14390 N. 87th St., Suite 105, Scottsdale, AZ 85260, U.S.A.
T: +1 480 857 0770
F: +1 480 857 0774
info@laiaco.com
LAIaco.com
Machining: Machining Services - Precision-manufactured airframe components (through Northrop Grumman).
Processes: Waterjet Services - Waterjet machining structural components for vertical fin, including spar, crank & bell.

Laselec SA
15 rue Boudoule, F-31100 Toulouse, France.
T: +33 582 950 555
F: +33 582 950 556
info@laselec.com
www.laselec.com
Production Equipment: Marking Equipment - UV laser wire & cable marking equipment.

Lee Products Ltd.
3 High Street, Chalfont St. Peter, Gerrards Cross, Buckinghamshire SL96QF, U.K.
T: +44 1753 866 664
F: +44 1753 889 388
sales@leeproducts.co.uk
www.leeproducts.co.uk
Leonardo Aeronautics (Alenia)
Via Campania 45, I-00187 Rome, Italy.
T: +39 06 420 881
F: +39 06 4282 4528
info@leonardoaeronautics.com
www.leonardoaeronautics.com

Airframe Components: Wings

Level 3 Inspection
1239 SE Indian Street, #107, Stuart, FL 34997-5633, U.S.A.
T: +1 772 407 7902
Sales@Level3Inspection.com
www.level3inspection.com


Levett Engineering
193 Philip Highway Elizabeth South, 
Elizabeth Vale, SA 5112, Australia.
T: +61 8 8287 2144
F: +61 8 8287 3133
admin@levett.com.au
www.levett.com.au

Engine Components: Engine Housings - Engine main bearing housings, for the FPM F135 engine.

Mechanical Components: Manifolds & Ducts - Oil flow manifolds for the F135 engine.

Structural Components: Aircraft Structural Components - Titanium, aluminum, stainless steel airframe components.

Lockheed Martin Aeronautical Systems
86 South Cobb Drive, Marietta, GA 30063, U.S.A.
T: +1 770 494 4411
F: +1 770 494 6263
maureen.a.schumann@lmco.com
www.lmco.com

Airframe Components: Wings - Centre wing.

Lockheed Martin Aeronautics Company
Lockheed Boulevard, Fort Worth, TX 76108, U.S.A.
T: +1 817 777 2000
F: +1 817 777 2115
feedback@lmco7.ems.lmco.com
www.lockheedmartin.com/aeronautics

Airframe Components: Fuselage Sections - Forward fuselage; Wings; Airframe.

Lockheed Martin Aeronautics, Pinellas Park
9300 28th St. North, Pinellas Park, FL 33782, U.S.A.
T: +1 727 578 6940
F: +1 727 578 6944
www.lockheedmartin.com/aeronautics

Airframe Components: Transparent Canopies - Canopy components including windshield, frame & ejection pyrotechnics.

Lockheed Martin Missiles & Fire Control
PO Box 650003, PT-42, Dallas, TX 75265-0003, U.S.A.
T: +1 972 603 1000
F: +1 972 603 1009
jennifer.l.alein@lmco.com
www.lockheedmartin.com

Weapons Systems: Missiles - AGM-158 JASSM (Joint Air-to-Surface Standoff Missile), Infrared Target Designators - Electro-optical targeting system.

Lockheed Martin Mission Systems & Sensors
1210 Massillon Rd., Akron, OH 44315, U.S.A.
T: +1 330 796 2800
F: +1 330 796 3274
www.lockheedmartin.com

Flight and Data Management: Onboard Computers - Integrated Core Processor.

Lomas Engineering Limited
11 Orgeave Place, Handsworth, Sheffield S13 9LU, U.K.
T: +44 114 288 9444
F: +44 114 288 9984
sales@lomas.co.uk
www.lomas.co.uk

Tools: Cutting Tools.

Loos & Co. Inc.
168 Mashamrode Pl, Pomfret Center, CT 06258, U.S.A.
T: +1 860 928 7981
F: +1 860 928 6167
sales@loosaco.com
www.loosaco.com

Mechanical Components: Wire Assemblies - Wire rope flight control cable assemblies.

LORD Corporation (USA)
111 Lord Drive, Cary, NC 27511-7923, U.S.A.
T: +1 919 275 5673
www.lord.com

Engine Components: Engine Health Monitoring - Prognostics & health management torque & alignment hardware for UFPT shaft monitor.

Lovitt Technologies Australia
207 Para Road, Montmorency, VIC 3094, Australia.
T: +61 3 9431 7300
F: +61 3 9431 7350
kewin@lovittech.com.au
www.lovittech.com.au

Engine Components: Engine Mounts.

Non-Mechanical Components: Brackets.

Lytron, Inc.
55 Dragon Court, Woburn, MA 01801, U.S.A.
T: +1 781 933 7300
F: +1 781 935 4529
info@lytron.com
www.lytron.com


Magellan Aerospace Corp.
3160 Derry Road East, Mississauga, ON L4T 1A9, Canada.
T: +1 905 677 1889
F: +1 905 677 5658
sales@magellanaerospace.com
www.magellanaerospace.com


Magellan Aerospace Kitchener
975 Wilson Ave., Kitchener, ON N2C 1A1, Canada.
T: +1 519 893 7575
F: +1 519 893 5952
www.magellanaerospace.com

Airframe Assemblies: Wings - Wing structure machined components; Fuselage Sections - Fuselage machined components. Structural Components: Precision Machined Parts - Components for machined Wing Tie Bars for the Leading Edge Flap installation and AH Engine Thrust Mounts.

Magnolia Advanced Materials, Inc.
5547 Peachtree Blvd, Chamblee, GA 30341-2296, U.S.A.
T: +1 770 451 2777
F: +1 770 451 5367
airframe@magnoliaplastics.com
www.magnoliaplastics.com

Composites: Syntactic Composites - Epoxy syntactics, liquid shims.

Marand Precision Engineering
153 Keys Rd, Moorabbin, VIC 3189, Australia.
T: +61 3 8552 0600
F: +61 3 8552 0605
sales@marand.com.au
www.marand.com.au

Airframe Components: Empennages - Vertical tails.

Martin-Baker Aircraft Co. Ltd.
Lower Road, Higher Denham, Nr. Uxbridge, Middlesex UB9EAJ, U.K.
T: +44 1895 832 214
F: +44 1895 832 587
information@martin-baker.com
www.martin-baker.com


Materion Beryllium & Composites
14710 W. Portage River South Road, Elmhurst, OH 43416-9500, U.S.A.
T: +1 419 862 2745
F: +1 419 862 4174
www.materion.com/beryllium

Structural Components: Metal & Alloy Castings - AleCast aluminium-beryllium investment cast components electro-optical targeting system.

McGinty Machine Company Inc.
222 N. Hydraulic, Wichita, KS 67214-4218, U.S.A.
T: +1 316 269 3344
F: +1 316 269 2244
dominic@mcginty.com
www.mcginty.com

Structural Components: Precision Machined Parts.

MECAER Aviation Group
Via per Arona, 46, I-28021 Borgomanero (NO), Italy.
T: +39 0322 83711
F: +39 0322 844081
www.mecaer.com

Landing Assemblies: Aircraft Landing Gear - Landing gear components.

Meggitt - MUSA/PLC
1955 N Surveyor Ave, Simi Valley, CA 93063, U.S.A.
T: +1 949 276 0367
neil.richardson@meggitt.com
www.meggitt.com

Airframe Components: Aircraft & Helicopter Controls - Rudder pedal assemblies.

Meggitt Polymers & Composites
10540 Hester Court, San Diego, CA 92121, U.S.A.
T: +1 858 824 8976
F: +1 858 455 1698
aeo@meggitt.com
www.meggitt.com


Mepit Srl
Via Grazia Deledda, 4, Settimo, I-10036 Torino, Italy.
T: 39 011 898 2240
F: 39 011 898 2759
info@mepit.com
www.mepit.com

Engine Components: Engine Parts - Parts for P&W F135.

Michelin Aircraft Tire Corporation
PO Box 10001, Greenville, SC 29602-9001, U.S.A.
T: +1 864 422 7000
F: +1 864 422 7071
ar.michelin@us.michelin.com
www.michelin.com

Landing Assemblies: Tyres - Tyres for CTOL/ STOL, nose landing gear and CTOL main landing gear.

Mitsubishi Aircraft Corporation
16-5 Konan 2-chome, Minato-ku, 108-8215 Tokyo, Japan.
T: +81 3 6716 3111
F: +81 3 6716 5800
www.micorporation.com

Airframe Japan F-35 FACO operated by MHJ with technical assistance from Lockheed Martin.
MK Test Systems Ltd
Westpark 26, Chelston,
Wellington TA21 9AR, U.K.
T: +44 1823 661 100
F: +44 1823 661 160
sales@mktest.com
www.mktest.com
Test Equipment: Electric/Electronic Test Equipment - Wire harness testing

Moog Inc
Aircraft Group, P.O. Box 18, East Aurora, NY 14052, U.S.A.
T: +1 716 652 200
F: +1 716 687 4461
sales_ag@moog.com
www.moog.com
Actuation: Mechanical Actuators - Leading edge flap drive system.

MSP
6F Greensfield Court, Greensfield Industrial Estate, Almwick,
Northumberland NE66E2D, U.K.
T: +44 1665 68193
info@msproducts.co.uk
www.ms-products.co.uk

Inspection Equipment: Precision Measurement Equipment - Streamlining production of Nacelle Bay Doors (ABD) for the F35 STOVL.

MTorres Diseños Industriales S. A.
Ctra. Pamplona-Huesca Km 9 E-31119
Torres de Elorz, Elizondo, Spain.
F: +34 948 317 811
http://www.mtorres.es
www.mtorres.com
Machining: Drilling Equipment - Drilling systems.

Multicut A/S
Elsindalsvej 2, DK-7480 Vildbjerg, Denmark.
T: +45 9713 2388
F: +45 9713 3688
multicut@multicut.dk
Multicut.dk
Structural Components: Precision Machined Parts - Engine components for the Pratt & Whitney F135 engine.

National Utilities Co./NUCO
PO Box 14639, 1700 Hickory Dr., Ft Worth, TX 76117-6200, U.S.A.
T: +1 817 838 2020
F: +1 817 838 6826
info@nationalutilities.com
www.national-utilities.com
Mechanical Components: Clamps - Clamps & flanges.

Nexeya Canada
400 Alden Road, Markham, Toronto, ON L3R 4C1, Canada.
T: +1 905 475 2607
F: +1 905 475 2609
nexeya.canada@nexeya.ca
www.nexeyatessolutions.com
Test Equipment: Cable Test Equipment - Systems testing equipment.

Nor-Ral Composites
164 Hickory Springs Industrial Dr, Canton, GA 30115, U.S.A.
T: +1 770 720 0526
F: +1 770 720 0527
info@norral.com
www.norral.com
Airframe Assemblies: Fittings
Composites: Composite Sandwich Panels
Landing Assemblies: Shock Absorbers & Mounts.

North Hills Signal Processing Corporation
40 Orville Drive, Boemia, NY 10716, U.S.A.
T: +1 631 244 7993
F: +1 631 244 8893
nih-sales@nhsignal.com
www.nhsignal.com
Active Electronic Components: Data Bus Couplers - AY-STD data bus couplers.

Northrop Grumman Aerospace Systems
One Northrop Grumman Avenue, Estero, FL 33928, U.S.A.
T: +1 561-331-1200
F: +1 561-331-1200
www.northropgrumman.com
Airframe Assemblies: Fuselage Sections - Centre fuselage for F-35C naval variant, and F-35A for Israel.

Northrop Grumman Aerospace Systems
One Space Park, Redondo Beach, CA 90278, U.S.A.
T: +1 310 812 4321
west-webmaster@ngc.com
www.st.northropgrumman.com
Flight and Data Management: Avionics Management Systems - integrated avionics system - communications, navigation & identification (CNI) - utilizing software defined radios.

Northrop Grumman Electronic Systems
1380 A West Nursery Road, Linthicum, MD 21220, U.S.A.
T: +1 410 993 2394
es.communications@ngc.com
www.es.northropgrumman.com
Weapons Systems: Interceptor Fire Control Radar - Integrated mission systems, including AN/APG-81 fire control radar; APG-81 active electronically scanned array radar; AN/AAS-37 electro-optical distributed aperture system.

Northrop Grumman Innovation Systems - Flight Systems Group (was Orbital ATK)
3380 South Price Road, Chandler, Az 85248, U.S.A.
T: +1 480 899 6000
www.northropgrumman.com
Airframe Assemblies: Wings - Upper & lower wing box skins; Fuselage Sections - Fuselage skins.
Composites: Subcontracted Composite Parts - Bulb nose and blade seals.
Engine Components: Nacelles - Engine nacelle skins; Engine Inlets - Composite inlet ducts.

Northrop Grumman Mission Systems
13201 Sunset Hills Road, Reston, VA 20190-3285, U.S.A.
T: +1 703 948 100
www.mission.x.northropgrumman.com

Northrop Grumman Network Communications
15120 Innovation Drive, San Diego, CA 92128, U.S.A.
T: +1 858 392 3000
www.northropgrumman.com
Communications (Airborne) - Airborne Communication System - Integrated communications, navigation & identification (CNI) system.

Novo-Tech Engineering
The Mount Business Centre, 2 Woodstock Link, Belfast BT68BD, U.K.
T: +44 7811 104 039
www.ntechw.com

Novo-Tech Engineering, LLC
20818 44th Ave. West, Ste 201, Lynnwood, WA 98036, U.S.A.
T: +1 425 245 7000
F: +1 425 245 7099
info@ntechw.com
www.ntechw.com
Production Equipment: Gimbals - Radar gantry AGV Tooling & fusealage pulse line (for BAe).

Omega Technologies, Inc.
31125 Via Colinas, Suite 905, Westlake Village, CA 91362, U.S.A.
T: +1 818 264 7790
F: +1 818 264 1414
quotes@omegatac.com
www.omegatac.com
Tools: Fastening Tools - Fastener tool; drilling tools.

Otto Fuchs KG
PO Box 1261, Otto Fuchs KG,
PO Box 18, Canton, Switzerland.
T: +41 61 949 2220
F: +41 61 949 2536
paragon@paragon.de
www.paragon.de
Tooling.

Parker Aerospace Control Systems
2010 Waldrep Industrial Blvd, Dublin, GA 31020-2699, U.S.A.
T: +1 478 275 4030
F: +1 478 277 9228
csd@parker.com
www.parker.com
Actuation: Electrohydraulic actuators - Electrohydraulic actuators for primary flight control surfaces; clutch actuation system for LiftFan.

Piaggio Aerio Industries
Viale Generale Disegna 1, 1-17038 Villanova d’Albenga, Italy.
T: +39 0182 266050
comunicazioni@piaggioaerospace.it
www.piaggioaeroispace.it
Engine Components: Turbine Engine Vanes - Vane supports for F135 engine.

Plextek Ltd
London Road, Great Chesterford CB10 2NY, U.K.
T: +44 1799 533 200
F: +44 1799 533 201
info@plextek.co.uk
www.plextek.co.uk
Design: Design Services - Ice protection system for F135 engine (through Ultra Electronics Controls).

Pratt & Whitney Canada
1000 Marie-Victorin Boulevard, Longueuil, QC J4G 1A1, Canada.
T: +1 450 677 9411
F: +1 450 647 9565
customerhelpdesk@pwca.com
www.pwca.ca
Engine Components: Engine Parts - 5th stage High Pressure Compressor integrally Bladed Rotor for F135 engine.

Pratt & Whitney Military Engines
400 Main Street, East Hartford, CT 06108, U.S.A.
T: +1 860 565 9600
www.pw.utc.com
Engines: Turbofan Engines - F135 engine.

Precision Coil Spring Co.
10107 Rose Ave., El Monte, CA 91731, U.S.A.
T: +1 626 444 0561
F: +1 626 444 3712
sales@pcspring.com
www.pcspring.com
Non-Mechanical Components: Springs.

Precision Components, Inc.
65 Pine Avenue, Suite 338, Long Beach, CA 90803, U.S.A.
T: +1 562 437 1336
F: +1 562 437 1337
sales@pccomponents.com
www.pccomponents.com
Precision Components, Inc.
Sypris Electronics, LLC
10421 University Center Drive, Tampa, FL 33612, U.S.A.
T: +1 813 972 6000
info@sypris.com
www.sypris.com

Aerovox Components
Avionics Components - Avionics racks - Assemblies for the Northrop Grumman CN Avionics Interface Controller (two per aircraft) and CN Processor (five per aircraft).

TAE Aerospace
Hangar 71, Aviation Street, Amberley, QLD 4300, Australia
T: +61 7 3267 7544
F: +61 7 3267 0271
sales@tae.aero
www.taeelectron.com

Non-Mechanical Components: Enclosures - Liquid cooled electronics enclosures (through Hens Corp).

Techtest Limited
Street Court, Kingsland, Leicester, Herefordshire HR1 2EG, U.K.
T: +44 1588 708 744
F: +44 1588 708 713
sales@twh-smith.com
www.twh.com


TEI - Tusas Engine Industries, Inc.
Esenete Mahallesi Cevreylolu Bulvar, No. 350, TR-26003 Tepesbaş Eskişehir, Turkey.
T: +90 222 211 21 00
F: +90 222 211 21 01
info@tei.com.tr
www.tei.com


Teledyne Advanced Electronic Solutions (AES)
1425 Higgins Road, Lewisburg, TN 37091, U.S.A.
T: +1 931 359 4531
aes@teledyne.com
www.teledyneaes.com

Communications (Airborne): Transceivers - Fiber optic quad Transceiver products.

Teledyne CML Composites
Unit A, Telsby Road, Bromborough, Wirral CH62 5EP, U.K.
T: +44 151 334 8200
cmi_enquiries@teledyne.com
www.teledyneclm.com

Structural Components: Aircraft Structural Components - Complex-geometry glass-fibre packers.

Terma AS
Hovmarken 4, DK-8520 Lystrup, Denmark.
T: +45 8743 6000
F: +45 8743 6001
terma.dk@terma.com
www.terma.com

Airframe Assemblies: Aircraft Control Surfaces - Conventional edges for horizontal stabilizer; Fuselage Sections - Composite panels for airframe; Empannages - Machined aluminum parts for horizontal tail on STOVL variant for BAE Systems; Empannages - Large composite skins for horizontal & vertical tail (all types).

Weapons Systems: Gun Mounts - Gun pod & weapons pylons.

Testek, Inc.
2820 Lakeview Drive, Wixom, MI 48393, U.S.A.
T: +1 248 573 4892
F: +1 248 573 4990
aerospace@testek.com
www.testek.com

Test Equipment: Test Stands - Generator test stand; Pneumatic Test Equipment - Pneumatic test stand; Fuel Test Equipment - Fuel test stand; Automated Test Equipment - Automatic Test Equipment test stand; Hydraulic Test Equipment - Hydraulic test stand.

The Lee Company
2 Pettipaug Road, PO Box 424, Westbrook, CT 06498-0424, U.S.A.
T: +1 860 399 6281
F: +1 860 399 2270
inquiry@theleeco.com
www.theleeco.com

Valves: Check Valves; Flow Control Valves; Solenoid Valves; Relief Valves.

TL Machine, Inc.
14272 Commerce Drive, Garden Grove, CA 92843, U.S.A.
T: +1 714 824 3580
F: +1 714 554 8944
tlmach@tlmachine.com
www.tlmachine.com

Mechanical Components: Manifolds & Ducts.

Triumph Aerospace Structures - Fabrications - Hot Springs
1923 Central Avenue, Hot Springs, AR 71901, U.S.A.
T: +1 501 321 9325
F: +1 501 321 2859
sales@chem-fab.com
www.triumphgroup.com

Engine Components: Nacelles - Titanium hot form machined exhaust screens for blocker doors.

Triumph Aerospace Structures - Technology and Engineering Center - Arlington
1401 Nolan Ryan Expressway, Arlington, TX 76011, U.S.A.
T: +1 817 804 9400
www.triumphgroup.com

Test Services: Testing Services - Full-scale drop testing.

Turkish Aerospace Industries (TAI)
Fethiye Mahallesi, Havacılık Bulvarı No:17, Kazan, TR-06980 Ankara, Turkey.
T: +90 312 811 1800
F: +90 312 811 1425
marketing@taic.com.tr
www.tai.com.tr

Airframe Assemblies: Fuselage Sections - Composite parts & sub-assemblies for centre fuselage; Fuselage Sections - Second source for centre fuselage.

Engine Components: Engine inlets - Composite air inlet ducts.

Ultra Electronics Controls Division
419 Bridport Road, Greenford, Middlesex UB6 1BJ, U.K.
T: +44 208 813 4444
F: +44 208 813 4351
marketing@ultra-controls.com
www.ultra-controls.com

Mechanical Components: Ice Protection / Prevention Equipment - Engine ice protection (for PW4).

Ultra Electronics Precision Control Systems
Arle Court, Hatherley Lane, Cheltenham, Gloucestershire GL51 9PN, U.K.
T: +44 1242 221 166
F: +44 1242 221 167
www.ultra-pals.com


Unitech Composites
10413 Aero Drive, Hayden, ID 83835-0370, U.S.A.
T: +1 208 209 8197
F: +1 208 209 8151
dkinney@unitechcomposites.com
unitech-aerospace.com

Missile infrared seeker cooling & munitions equipment - HiPP AG airborne compressor for P&W.

Vianh Company Inc
13841 A Better Way #10-C, Garden Grove, CA 92843, U.S.A.
T: +1 714 590 9808
F: +1 714 590 9809
info@vianhcompany.com
www.vianhcompany.com

Machining: Machining Services - CNC precision machining.

Viasat Inc.
6155 El Camino Real, Carlsbad, CA 92009-1602, U.S.A.
T: +1 760 476 2200
F: +1 760 929 3941
mike.kocmi@viasat.com
www.viasat.com

Test Equipment: Communication Navigation & Identification Function Simulator.

Voss Industries Inc.
2168 West 25th St., Cleveland, OH 44113-4712, U.S.A.
T: +1 216 771 7655
F: +1 216 771 2887
voss@vossind.com
www.vossind.com

Mechanical Components: Clamps - Clamping, coupling and ducting products.

Wilsons Ltd (was Amarri)
Old Great North Road, Sawtry, Cambridgeshire PE28 5XN, U.K.
T: +44 1487 833 600
sales@wilsonsmetals.com
www.wilsonsmetals.com

Metals: Metal & Alloy Forgings.

Wineman Technology, Inc.
1668 Champagne Drive North, Saginaw, MI 48604, U.S.A.
T: +1 989 771 3000
F: +1 989 771 3010
sales@winemantech.com
www.winemantech.com

Measurement: Dynamometers - SVTOL clutch dynamometer.

Test Equipment: Power generation system electrical test equipment; controller boards test tools.

Woodward HRT
25200 W. Rye Cannon Road, Santa Clarita, CA 91355, U.S.A.
T: +1 661 702 5365
F: +1 661 294 6000
inquire@woodward.com
www.woodward.com

Actuation: Hydraulic actuators - Acteon actuators.

Valves: Servovalves - Engine servovalves.

Wyle Laboratories - Telemetry & Data Sys
44177 Pecan Court, Maryland, MD 20619, U.S.A.
T: +1 301 863 1677
F: +1 301 737 1564
telemetry.info@wylelabs.com
www.wylelabs.com


Wyman-Gordon MA
1529 Grafton Road, Millbury, MA 01752, U.S.A.
T: +1 508 839 8300
F: +1 508 839 7500
marketing@wyman.com
www.pccforgedproducts.com

Structural Components: Metal & Alloy Forgings - Structural titanium forgings.

Category index

Management
Professional Services
Dayton T. Brown, Inc.
Safety Evaluations - Safety of flight qualification

Design
Design
Pixeltek Ltd
Design Services - Ice protection system for F135 engine (through Ultra Electronics Controls)

Design Software
Quantum3D
Computer-aided Simulation - Independence 3Dx image generators for flight test simulation
Siemens PLM Software Inc.
Computer-aided Design - FiberSim software for manufacture of composite parts (through Quickstep)
Siemens PLM Software Inc.
Product Lifecycle Management - Teamcenter digital lifecycle management software

Materials
Chemicals
Dysoil Inc.
Solvents
Composites
Elbit Systems Cyclone Ltd
Composite Sandwich Panels - honeycomb sandwich panels
Fives Machining Systems, Inc.
Composite Tape Laydown - VAR 6000 fibre placement systems for wing production (for ATK)
GNV - Fokker Aeronautics
Composite Structures - Advanced composite parts for the Pratt & Whitney F135 engine
Hexcel Composites
Honeycomb Core Composites - honeycomb; prepregs
Kongsberg Defense & Aerospace AS
Subcontracted Composite Parts - Composite parts & subassemblies for centre fuselage; composite & titanium components for nudders
Magnolia Advanced Materials, Inc.
Synthetic Composites - Epoxy syntactics, liquid shims
Nor-Ral Composites
Composite Sandwich Panels
Northrop Grumman Innovation Systems - Flight Systems Group (was Orbital ATK)

Subcontracted Composite Parts - Balnoise and blade seals
Quickstep holdings Limited
Composite Design Consultants - Development of parameters to cure high temperature resins
Socomet (Dynamoid)
Epoxy Resins - Precatalysed sheet mouldable trim material
Solvay Composite Materials
Prepreg - CYCOM 2250-4 bismaleimide prepreg
Epoxy Resins - CYCOM 977-3 toughened epoxy resin
Metals
AMi Metals Inc.
Aluminium - Flat rolled sheet aluminium
Carpenter Technology Corp - Latrobe Operations
Superalloys - V/VM/AVAR alloys for engine bearings
Carpenter Technology Corporation
Superalloys - AxelMet 100 alloy for landing gear (through Goodrich)
IBC Advanced Alloys, Engineered Materials Div
Beryllium - Electro-optical targeting system azimuth gimbal housing cast in Beralcast beryllium-aluminium casting alloy
Kencoa Aerospace (was HGMIC)
Metal & Alloy Fabrications - Fabrication of precision sheet metal
Wilsons Ltd (was Amari)
Metal & Alloy Suppliers
Non-metal Materials
3M Aerospace Seals
Fuel Tank Seals - Seals & specialty chemicals
Elbit Systems Cyclone Ltd
Laminates - Carbon-epoxy laminates
Swift Textile Metalizing
Insulating Tape - Elastomeric tape and tape kits

Components
Active Electronic Components
AYESAS
Printed Circuit Boards - Circuit card subassembly portions of Missile Remote Interface Unit
Ducommun LaBarge Technologies
Printed Circuit Boards - Printed circuit card assemblies (through Parker Aerospace)
Printed Circuit Boards - Printed circuit card assemblies (through Moog)
Ktron ASA
Electronic Components - Subassembly electronic modules for Northrop Grumman C1N
North Hills Signal Processing Corp.
Data Bus Couplers - MK-STD data bus couplers

Actuation
Arkwyn Industries Inc.
Mechanical Actuators - Utility actuators
Collins Aerospace, Mechanical Systems - Actuation
Electrohydrostatic Actuators - Utility actuators for weapons bay door; download & retract actuators for landing gear system; weapons bay door drive system
Eaton Aerospace, Actuation Systems Division
Electrohydraulic Actuators - Utility actuation & control valve sub-system
Hydraulic Actuators - Weapons bay door hydraulic actuator
Moog Inc
Mechanical Actuators - Leading edge flap drive system
Parker Aerospace Control Systems
Electro-hydrostatic actuators - Electro-hydrostatic actuators for primary flight control surfaces; clutch actuation system for LitPlan
RUAG Australia Pty Ltd
Hydraulic Actuators - MLG retract & downlock actuators; MLG retract & downlock actuator & damper assembly
Hydraulic Actuators - Weapon bay drive door system uplock actuators
Woodward HRT
Hydraulic Actuators - Aileron actuators

Bearings
Aurora Bearing Company
Rod End Bearings - Rod ends, spherical bearings, linkages

Blei Precision Systems & Space Company, Inc.
Electro-Optical Systems & Equipment - Design, fabrication, testing & production of electro-optical components

Co-Operative Industries
Aerospace & Defense
Wire harnesses - Electrical wiring harnesses
E-T-A Circuit Breakers
Thermal Circuit Breakers - Circuit breakers
Fokker Elmo
Wire Harnesses - Integrated wiring system
Precision Components, Inc.
Solaroids
Electrical/Electronic Connectors
HRIel Connectors, Inc.
Electrical & Electronic Connectors - Connectors

Click-Bond Inc.
Composite Fasteners - Bonded fasteners
H&H-H-Kus, Inc.
Fasteners

Fibre Optics
Aurora Optics, Inc.
Fibre Optic Cable Splicers - Fibre optic cable splices
kSARIA Corporation
Fibre Optic Cable - Cable assemblies

Lighting
Astronics Lunensc cent Systems Inc.
Aircraft Exterior Lighting Systems - Exterior lighting system
FTG Aerospace Inc.
Instrumentation Lighting - Cockpit vision edge lit panels
Mechanical Components
Aerofit, Inc.
Fluid Fittings - Fittings

Alian Aircraft Hinges, Inc.
Hinges
Bandy Manufacturing
Hinges - Precision hinges
Collins Aerospace, Actuation Systems
Ice Protection/Prevention Equipment - Anti-ice system for F135 engine
Collins Aerospace, Sensors & Integrated Systems
Ice Protection/Prevention Equipment - Anti-ice system for STOVL version; ice detection system
Esterline Engineered Materials
Clamps - Clamps, grommets & sealing systems
High Temperature Seals - Sealing & low-observable products
H&H-Kus, Inc.
Clamps
Hutchinson Aerospace & Industry
Barry Controls
Vibration Isolators - Isolation systems
Icon Polymer Group Ltd
Manifolds & Ducts - Lightweight silicon ducting in environmental cooling system
Leverette Engineering
Manifolds & Ducts - Oil flow manifolds for the F135 engine
Loos & Co. Inc.
Wire Assemblies - Wire rope flight control cable assemblies
National Utilities Co.,NUCO
Clamps - Clamps & Ranges
R&F Products Inc
Rubber & Silicone Seals

shims
T Machine, Inc.
Manifolds & Ducts
Ultra Electronics Controls Division
Ice Protection/Prevention Equipment - Engine ice protection (for F135)
Voss Industries Inc.
Clamps - Clamping, coupling and ducting products

Non-Mechanical Components
Electronics Metal Finishing Corp
Erosion Shielding - Guide vane erosion shields
Globe Engineering Co., Inc.
Tube Assemblies - Complex tube assemblies
Hydraulflow
Metallic Hoses
Kreisler Manufacturing
Tube Assemblies - Tube and pipe components and assemblies for the engines
Loxit Technologies Australia
Brackets
Precision Coil Spring Co.
Springs
R&F Products Inc
Gaskets
SL Engineering Ltd
Tube Assemblies
TAI Aerospace
Enclosures - Liquid cooled electronics enclosures (through Harris Corp)

Passive Electronic Components
Custom Electronics, Inc.
Capacitors - Capacitor assembly

Sensors, Transducers & Detectors
BAE Systems plc
Sensors/Transducers - Sentinel corrosion monitoring system
FCI Aerospace
Liquid Level Sensors - Liquid level & flow sensors
Flow Systems
Flow Meters - Sonic nozzle flowmeters
Kulite Semiconductor Products, Inc.
Transducers - Pressure transducers
RoF Corp.
Temperature Detectors - Temperature sensors

Structural Components
Aerospace Dynamics International
Aircraft Structural Components - Wing fold, canopy bow frame, canopy arch frame
Wing Spurs - Forward wing spar

Apex Industries
Precision Machined Parts - Provides simple to complex machined parts and assemblies in support of the F-35 program

Arconic Forgings and Extrusions
Cleveland (Alcoa)
Metal & Alloy Forgings - 7075 alloy aluminum die forgings

Arconic Power and Propulsion
Arconic TITAL
Metal & Alloy Castings - Aluminum & titanium investment castings

BAE Systems Australia
Aircraft Structural Components - Vertical tail parts

Bristol Aerospace Ltd.
Aircraft Structural Components

California Drop Forge, Inc.
Metal & Alloy Forgings - Closed die forgings

CPI Aerostructures
Lock assemblies arresting gear doors (F-35A)

CTR Inc.
Precision Machined Parts

DASCO Engineering Corp.
Precision Machined Parts - Machined components & assemblies

GE Aviation Systems (Aerostuctures)
Aircraft Structural Components - Integrated canopy frame assembly

GKN Aerospace - Filton
Aircraft Structural Components - Precision machined titanium structures for aft & tail sections (for BAE)

Héroux-Devtek Inc.
Aircraft Structural Components - Complex structural machined parts & assemblies for outer & inner wing, & forward fuselage

Kencosa Aerospace (was HGM Co)
Precision Machined Parts

Kongsberg Defense & Aerospace AS
Aircraft Structural Components - Rudders & vertical leading edges

Levett Engineering
Aircraft Structural Components - Titanium, aluminum, stainless steel airframe components

Magellan Aerospace Kitchener
Precision Machined Parts - Components for machined Wing Tie Bars for the Leading Edge Flap installation and All Engine Thrust Mounts

Materion Beryllum & Composites
Metal & Alloy Castings - AlBeCast aluminum-beryllium investment cast components electro-optical targeting system

McGinty Machine Company Inc.
Precision Machined Parts
Multicut A/S
Precision Machined Parts - Engine components for the Pratt & Whitney F135 engine

Otte Fuchs KG
Metal & Alloy Forgings - Titanium die forgings; leading edge spar

Precision Components, inc.
Metal Structures - Metallic machined parts

Tedeyne CML Composites
Aircraft Structural Components - Complex-geometry glass-fibre packers

Wyman-Gordon MA
Metal & Alloy Forgings - Structural titanium forgings

Switches
Crate Aerospace & Electronics, Power Solutions
Proximity Switches - Hermetic proximity switches in door & utility systems

Valves
AeroControl
Hydraulic Valve Systems - Hydraulic valves & manifolds for engine lubrication, landing gear controls & arresting hook systems.

Dukes Aerospace Inc.
Valves - Bleed valves

Precision Components, inc.
Valves

The Lee Company
Check Valves
Flow Control Valves
Solenoide Valves
Relief Valves

Woodward HRT
Servovalves - Engine servovalves

Windows & Glass
GKN Aerospace Transparency Systems
Transparent Canopies - Canopy

Airframe Systems

Airframe Assemblies
Aerospace Dynamics International
Aircraft Interior Bulkheads

ASCO Aerospace Canada
Fuselage Sections - Titanium bulkheads & longerons

Asco Industries N.V
Wing Flaps - Flaperon spars for Fokker Aerostructures

Acworp Composite Fabrication
Wings - Composite wing skins

Acworp Industries Inc.
Wings - Outboard wings for carrier variant

BAE Systems plc

Fuselage Sections - Aft fuselage
Empennages - Empennage tails & fins

Fokker Aerostructures
Wing Flaps - Wing ‘paperons’
Aircraft Doors - Design & prototype production of doors & hatches

GKN - Fokker Aerostructures
Wing Flaps - Flaperons; outer leading edge flap; in-flight opening doors

GKN Aerospace
Transparent Canopies - Integrated transparency system

GKN Aerospace Monitor
Aircraft Interior Bulkheads - Titanium forged bulkheads

Héroux-Devtek Inc.
Wings - Wing carry-through bulkheads; wing structural components

Kale Aero
Fuselage Sections - Fuselage parts manufacture & processing, for LM Aero/Northrop Grumman/T-38

Leonardo Aeronautics (Alenia) Wings

Lockheed Martin Aeronautics Company
Wings - Centre wing

Lockheed Martin Aeronautics Company
Fuselage Sections - Forward fuselage

Lockheed Martin Aeronautics, Pinellas Park
Empennages - Horizontal tails for CV-22

Magellan Aerospace Corp.
Empennages - Horizontal tails for F-35 Lightning II variant

Magellan Aerospace Kitchener
Wings - Wing structure machined components

Fuselage Sections - Fuselage machined components

Marand Precision Engineering
Empennages - Vertical tails

Megollt - MUSA/PLC
Aircraft & Helicopter Controls - Ruddor pedal assemblies

Nor-Ral Composites
Fairings

Northrop Grumman Aerospace Systems
Fuselage Sections - Centre fuselage for F-35C, navy variant, and F-35A for Israel

Northrop Grumman Innovation Systems - Flight Systems Group (was Orbital ATK)

Wings - Upper & lower wing-box skins

Fuselage Sections - Fuselage skins

QinetiQ North America
Fuselage Sections - Aircraft armour

Quickstep Holdings Limited
Aircraft Doors - Composite inner-board weapon bay doors, maintenance access panels, F-22 fuel tank cover

Fuselage Sections - Lower side skins

Empennages - Vertical tail skins (through Marand & BAE)

Fairings - Housings for countermeasure flaps.

R＆F Products Inc
Fairings - Final finish fairings

STELIA Aerospace North America
Fuselage Sections - Fuselage panels

Terra AS
Aircraft Control Surfaces - Conventional edges for horizontal stabilizer

Fuselage Sections - Composite panels for airframe

Empennages - Machined aluminum parts for horizontal tail on STOVL variant (for BAE Systems)

Empennages - Large composite skins for horizontal & vertical tail (all types)

Turkish Aerospace Industries (TIA)
Fuselage Sections - Second source for centre fuselage

Fluid Power
Arkain Industries inc.
Reservoirs - Booster reservoirs

CIRCOR Aerospace Products Group
Pneumatic Equipment - Pneumatic power module for weapons ejection racks (through ITT)

Eaton Aerospace, Fluid Conveyance Division
Fluid Conveyance Systems - Fluid conveyance systems; wing fluid delivery system

Eaton Aerospace, Fuel & Motion Control Division
Hydraulic Power Supplies - Hydraulic power generation system

Fluid Conveyance Systems - Wing section tubing

Flexal Corporation
Reservoirs - E-NH reservoirs

Lee Products Ltd.
Hydraulic Equipment - Fluid control components

PTI Technologies inc.
Hydraulic Filters

Secondo Mona SpA
Hydraulic Systems & Equipment - Hydraulic equipment

Landing Assemblies
Collins Aerospace, Landing Gear
Aircraft Landing Gear - Landing systems for all variants

Cranes Aerospace/Hydro-Aire Inc.
Landing Gear Controls - Digital Brake Control system

Dunklof Aircraft Tyres Ltd.
Tyres - Radial main tyres

Fokker Landing Gear B.V
Aircraft Landing Gear - Arresting gear for CTOL & CV variants; polymer matrix composite main landing gear drag braces for CTOL & STOVL variants (with Goodrich)

Goodyear Tire & Rubber Company Tyres

Héroux-Devtek Inc.
Aircraft Landing Gear - Flight Opening Door Uplock System (FOCUS)

Honeywell Aerospace, Aircraft Landing Systems
Aircraft Wheels - Wheels & brakes

MECAER Aviation Group
Aircraft Landing Gear - Landing gear components

Michelin Aircraft Tire Corporation Tyres - Tyres for CTOL/STOVL nose landing gear and CTOL main landing gear

Nor-Ral Composites
Shock Absorbers & Mounts

Safety & Security Systems
Airborne Systems Ltd.
Seat Parachutes - Type 6000 seat parachute & conical drogue parachute for Martin-Baker US16e ejection seat

BAE Systems plc
Evacuation Systems - Crew escape systems; life-support systems

Capwellsy Systems, LLC
Ejection Systems - Pilot ejection seat canopy release

Crest Foam Industries, Inc.
Safety Foam - Explosion baffling reticulated polyurethane foam

Martin-Baker Aircraft Co. Ltd.
Ejector Seats - US16e ejection seat

Techtest Limited
Emergency locator Transmitters - Emergency locator beacon

Weapons Systems
BAE Systems Electronics & Integrated Systems
Avionics

Avionic Components
- Cobham Microelectronic Solutions
- Microwave Components - RF microelectronics
- Héraud-Devtek Inc
- Avionics Rack - Electronic chassis components
- Lytron, Inc
- Avionics Heat Exchangers - Electronics chassis heat exchangers
- Sypris Electronics, LLC
- Avionics Racks - Assemblies for the Northrop Grumman CNI-Avionics Interface Controller (two per aircraft) and CNI Processor (five per aircraft)

Communications (Airborne)
- Ball Aerospace & Technologies Corp.
- Communication Antennas - CNI (communications, navigation & identification) Integrated body antenna suite
- Harris Corp (Govt Communications Systems Div)
- Radio Communications Equipment - Hardware components for intra-flight data link, including phased array antenna & antenna interface hardware
- Northrop Grumman Network Communications
- Airborne Communication Systems - Integrated communications, navigation & identification (CNI) system
- Teledyne Advanced Electronic Solutions (AES)
- Transceivers - Fiber Optic Quad Transceiver products

Flight and Data Management
- BAE Systems plc
- Onboard Computers - Vehicle management computer, Prognostics & Health management system integration
- GE Aviation Systems
- Onboard Computers - Advanced Data Transfer Equipment; tactical data equipment avionics
- Harris Corp (Govt Communications Systems Div)
- Avionics Management Systems - Avionics infrastructure, fibre-optic network solutions, power supplies
- L3 Aviation Recorders
- Flight Recorders - Crash recorder
- Lockheed Martin Mission Systems & Sensors
- Onboard Computers - Integrated Core Processor
- Northrop Grumman Aerospace Systems
- Avionics Management Systems - Integrated avionics system - communications, navigation & identification (CNI) - utilizing software defined radios.

Imaging and Visual Systems
- FLIR Systems, Inc.
- FLIR Systems - Infrared Integrated detective assemblies
- Raytheon, Space and Airborne Systems
- Airborne Reconnaissance Infrared - Distributed Aperture System (DAS); helmet display of IR imagery.

Indicators and Instruments
- Aerosonic Corporation
- Air Data Computers - Air data system
- BAE Systems Platform Solutions
- Helmet-Mounted Displays (HMD) - Alternate helmet mounted display system; night vision goggle helmet mounted display
- Collins Aerospace, Avionics Division
- Helmet-Mounted Displays (HMD) - Gen II HMDs (with EDB Systems of America)
- Collins Aerospace, Sensors & Integrated Systems
- Fuel Quantity Indicators - Fuel quantity gauging components
- Art Data Computers - SmartProbe air data system
- Cubic Defense Applications
- Electronic Flight Instrument System - Aircraft embedded air combat training system
- EDB Systems of America, LLC
- Helmet-Mounted Displays (HMD) - Gen II HMDs (with Rockwell Collins)
- GE Aviation, Digital & Electrical Power
- Electronic Flight Instrument Systems - Standby flight display system; remote input/output data concentrator unit
- Honeywell Aerospace, Electronic Systems
- Radar/Radio Altimeters - HG7630 low probability of intercept radar altimeter
- JHMCS 8 (哇) Vision Systems International
- Helmet-Mounted Displays (HMD) - Integrated helmet mounted display system
- L3 Display Systems
- LCD Displays - Panoramic Cockpit Display; display management computer
- Safan Aerosystems / IDD Aerospace Corp.
- Keyboards - Standby flight display bezel (for Smiths Aerospace)
- Unitech Composites
- Head-Up Displays - Binocular Optical Support Structure (BOSS)

Navigation Aids (Airborne)
- Harris Antenna Products (EDO Corp)
- Navigation Antennas - Landing aid antennas
- Raytheon, Space and Airborne Systems
- GPS - Militarized GPS system with anti-jam & stealth capabilities

Power Systems
- Batteries & Accessories
- Saft America inc.
- Lithium Batteries - Ni-Cd & lithium ion batteries for electrical power management system; Li-ion batteries for flight control actuation back-up power
- Electrical Power Systems
- General Electric Co
- Aircraft Electric Power Supplies - Electrical power generation & conversion system
- Fokker Elmo
- Engine Harnesses - Engine harnesses for F135 engine
- GE Aviation
- Digital & Electrical Power
- Power Distribution Equipment - Electrical power management system
- GKN - Fokker Aerosstructures
- Electrical Wire & Cable - Electric wiring harnesses
- Engine Components
- Aerostructures
- Parts for F&W F135
- Aero TCS srl
- Engine Nozzles - Oil nozzle components for main engine bearing compartments (for Pratt & Whitney)
- APR Srl
- Engine Parts - Parts for F&W F135
- Avio Aero
- Compressors - Components for low-pressure turbine & compressor (F136 engine)
- Beacon Industries
- Piston Rings - Synchronising ring assemblies (for Pratt & Whitney)
- Collins Aerospace, Power & Controls Division
- Engine Controls - Control system, external accessories & gearbox for F135 engine
- Honeywell Aerospace
- Control System - Electronic backpacks for F135 engine
- Lockheed Martin Avionics
- Engine parts - Inert igniters (for NorthropGrumman)
- Eaton Ltd
- Engine Parts - Lubrication system for Rolls-Royce LEfFan
- Fokker Aerosstructures
- Engine Parts - Machtion titanium components for F135 engine
- GE Aircraft Engines, Mississauga, Turbine Engines - Inlet guide vanes & Stage 1 high pressure compressor stator vanes for F135 engine
- GE Aviation Systems Avionics
- Engine Health Monitoring - Prognostic sensors for engine gas path debris monitoring, for F135 engine
- GKN Aerospace - Engine Systems
- Engine parts - High performance titanium engine ducts
- GKN Aerospace Engine Systems, Kongsberg
- Compressors - Air & forward compressor cases for F136 engine, low pressure turbine shaft & intermediate case for F135 engine, diffuser cases for F135 engine, Engine Parts - Shaft for F135 engine
- HarcoSemicore
- Engine Health Monitoring - Engine temperature & speed sensors
- Harris Corporation UT
- Engine Parts - Composite blade seal components
- Kale Aero
- Engine Parts - Engine hardware for F135 engine
- Kalealip
- Compressors - High compressor stator seal sets for F135 engine
- KMW / DutchAero
- Blocks - First stage compressor block
- Levett Engineering
- Engine Housing - Engine main bearing housings, for the F&W F135 engine
- LORD Corporation (USA)
- Engine Health Monitoring - Prognostics & health management torque & alignment hardware for LEfFan shaft monitor
- Lovitts Technologies Australia
- Engine Mounts
- Magellan Aerospace Corp.
- Engine Parts - Fan sync rings
- Meggitt Polyamers & Composites
- Engine Parts - Composite engine structures
Mepit Srl
Engine Parts - Parts for P&W F-35
Northrop Grumman Innovation Systems - Flight Systems Group (was Orbital ATK)
Nacelles - Engine nacelle skins
Engine Vents - Composite inlet ducts
Piaggio Aero industries
Turbo Engine Vanes - Vane supports for F335 engine
Pratt & Whitney Canada
Engine Parts - 5th stage High Pressure Compressor Integrally Bladed Rotor for F335 engine
Rolls-Royce Corporation
Engine Nozzles - Lift fan, thrust bearing swivel module & roll posts for STOVL version of F335 engine
 Triumph Aerospace Structures - Fabrications - Hot Nacelles - Titanium hot form machined exhaust screens for blocker doors

Engines
GE Aircraft Engines
Turbolfan Engines - F336 engine (with Rolls Royce); compressor, coupled turbine, controls & accessories, structures & augmentor
Pratt & Whitney Military Engines
Turbolfan Engines - F135 engine
Rolls-Royce Corporation
Turbofan Engines - F135 'interchangeable' engine (with GE);
F136 engine Turbofan Engines - F135 engine Turbofan Engines - F135 engine

Fuel Systems
BAE Systems plc
Fuel Tanks & Systems - Fuel system
Collins Aerospace, Power & Controls Division
Fuel Tanks & Systems - Fuel system pumps, control valves & filtration for F136 engine
Meggitt Polymers & Composites HQ
Fuel Tanks & Systems - Fuel barriers
PTI Technologies Inc.
Oil Filters - Lube filter module Fuel Filters

Power Transmission
BMT Aerospace USA
Gears & Assemblies - Actuation gearings
Collins Aerospace, Power & Controls - Engine Components
Shafts & Shaft Assemblies - Power take off shaft
Collins Aerospace, Sensors & Integrated Systems
Clutches - Lufitan drive system & clutch

Rotors & Propellers
Alp Aviation
Turbine Engine Rotors - Titanium integrally bladed rotors for F335 engine

Production
Computer Integrated Manufacturing
Dassault Systems Simulia Corp.
Computer-aided Engineering - Finite element analysis software
Simio LLC
CM Software - Production software
Handling Equipment
Regent Manufacturing
Cranes

Inspection Equipment
CTRL Systems, Inc.
Ultrasonic Inspection Equipment - UL 101 ultrasonic diagnostic tool
MSP
Precision Measurement Equipment - Streamlining production of Nozzle Bay Doors (NBD) for the F335 STOVL

Machining
Crystalturn
Drill Bits - Diamond coated drills
KT Engineering
Machining Services - Canopy frames, shear webs and various assemblies
LAI International, inc.
Machining Services - Precision-manufactured airframe components (through Northrop Grumman)
Mifores Disenos Industriales S.A.
Drilling Equipment - Drilling systems
Vairh Company Inc.
Machining Services - CNC precision machining

Measurement
ATS Applied Tech Systems Ltd.
Laser Measuring Equipment - Laser gauge equipment for gap & flushness measurement, fastener hole diameter measuring equipment with DataMye Data Collectors (for BAE)

Wineman Technology, inc.
Dynamometers - SV700 clutch dynamometer

Proceses
LAI International, inc.
Waterjet Services - Waterjet machined titanium structural components for vertical fin, including spar, crank & bell

Production Control
Advanced Photonix (Luna)
Process Control Systems - Filay 4000® based terahertz quality control system for coated exterior surfaces

Production Equipment
Advanced Integration Technology, Inc.
Remote Positioning Systems - Electronic mate & assembly system
Ascent Tooling Group: Coast Composites
Molds - Lay-up mould (for Hitco)
Laselec SA
Marking Equipment - UV laser wire & cable marking equipment
Novatek Engineering
Laser Positioning Equipment - Monoral assembly line for empennage (for BAE Systems)
Novatek Engineering, LLC
Gantries - Radar gantry AGV
Siemens Process Industries and Drives
Numeric Control System - Siemens 840D CNC & Siemens Volumetric Compensation systems for high-tolerance machined parts

Surface Treatment
Acorn Surface Technology Ltd
Metal Finishing/Polishing - Finishing
RIAG Australia Pty Ltd
Paint Application - service to BAE systems for Vertical Tail

Technical Consultants
TEI - Tusais Engine Industries, inc.
Engineering Design Services - Design engineering services for F136 engine
Tooling
Ascent Tooling Group: Coast Composites
Assemblies - Assembly jigs & tools (for Northrop)
Tooling - Composite tooling for Northrop, ATK & Hitco
Axxiflex Turbine Tooling
Tooling - Turbine tooling
Baldoin Limited
Tooling - Modular tooling system

Brons industries
Mandrels - Tooling mandrels for engine bypass duct of F136 engine Tooling - Rate tooling, including composite cure and trim tooling, assembly tools and various accessory tools
Dutch-Shape BV
Tooling - Lay-up & trim tools
Janicki Industries
Tools - Fastener tools; drilling tools

Testing
Aircraft Operations
Adaptive Technologies, Inc.
Headsets - Hearing protection & communication device
Wyle Laboratories - Telemetry & Data Sys
Flight Testing - Aerial refueling flight test

Computer-Aided Testing
CSC Australia Pty Ltd
Computer-aided Testing - Test program set, interface adapter & environmental stress screening for CNI avionics interface controller
Level 3 Inspection
Computer-aided Testing - Automated F135 turbofan jet engine testing

Non-Destructive Testing
RIAG Australia Pty Ltd
Non-Destructive Testing - service to BAE Systems for Vertical Tail

Test Equipment
Airmo Inc. Pressure Technologies
Hydrostatic Test Equipment - Hydrostatic test tools; high pressure test connections for combustion integrity testing
Autron Aerospace
Test Equipment - Electrical, electronic, hydraulic & fuel component test equipment
CK Technologies (UK)
Cable Test Equipment - Automatic wiring harness & electrical panel test systems
MK Test Systems Ltd
Electric/Electronic Test Equipment - Wire harness testing
Nexeya Canada
Cable Test Equipment - Systems testing equipment
Testek, inc.
Test Stands - Generator test stand
Pneumatic Test Equipment - Pneumatic test stand
Fuel Test Equipment - Fuel test stand
Automated Test Equipment - Automatic test equipment test stand
Hydraulic Test Equipment - Hydraulic test stand
VisSat Inc.
Test Equipment - Communication Navigation & Identification Function Simulator
Wineman Technology Inc.
Test Equipment - Power generation system electrical test equipment; controller boards test tools

Test Services
Averian Inc.
Testing Services - Power and thermal management system development and testing
BAE Systems plc
Testing Services - Heat & noise impact testing
Dayton T. Brown, Inc.
Environmental Testing Services Vibration Testing Testing Services - EMI testing
HBM nCode
Data Analysis - Test data management & processing
Janicki Industries
Prototyping - Full scale pole model for radar signature testing
Triumph Aerospace Structures - Technology and Engineering Center - Arlington
Testing Services - Full-scale drop testing

Lockheed Martin F-35 Lightning II - www.airframer.com
Country index

Australia
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- Boeing Industries
- CSC Australia Pty Ltd
- Levett Engineering
- Lovitt Technologies Australia
- Marand Precision Engineering
- Quickstep Holdings Limited
- RUAG Australia Pty Ltd
- TAE Aerospace

Belgium
- Asco Industries NV

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- Aero TCS srl
- APR Srl
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- Collins Aerospace, Actuation Systems
- Leonardo Aeronautics (Alenia)
- MCEAER Aviation Group
- Merit Srl
- Piaggio Aero Industries
- Secondo Mina SpA

Japan
- Mitsubishi Aircraft Corporation

Netherlands
- AxoFlex Turbine Tooling
- Dutch-Shape BV
- Fokker Aérostructures
- Fokker Elmo
- Fokker Landing Gear B.V.
- GKN - Fokker Aérostructures
- KMW / DutchAero

Northern Ireland
- Nova-Tech Engineering

Norway
- GKN Aerospace Engine Systems, Kongsberg
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- Kongsberg Defense & Aerospace AS

Spain
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- Acrtop Surface Technology Ltd
- Airborne Systems Ltd.
- ATS Applied Tech Systems Ltd.
- BAE Systems plc
- Baldwin Limited
- CK Technologies (UK)
- Collins Aerospace, Mechanical Systems - Actuation
- Duropl Aircraft Tyres Ltd.
- Eaton Ltd
- GE Aviation Systems (Aerosstructures)
- GE Aviation Systems Avionics
- GE Aviation, Digital & Electrical Power
- GKN Aerospace
- GKN Aerospace - Filton
- Icon Polymer Group Ltd
- Lee Products Ltd.
- Lomas Engineering Limited
- Martin-Baker Aircraft Co. Ltd.
- MK Test Systems Ltd
- MSP
- Flexelec Ltd
- SL Engineering Ltd
- Spectrum Technologies Ltd
- Tec leftist Limited
- Teledyne CML Composites
- Ultra Electronics Controls Division
- Ultra Electronics Precision Control Systems

U.S.A.
- 3M Aerospace Sealsants
- Adaptive Technologies, Inc.
- Advanced Integration Technology Inc.
- Advanced Photonix (Luna)
- Aerocoontrolx
- Aérofit, Inc.
- Aerodynamic Corporation
- Aerospace Dynamics International
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- AMI Metals Inc.
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- Asronics Luminescent Systems Inc
- Aurora Bearing Company
- Aurora Optics, Inc.
- Avcorp Composite Fabrication
- Avtron Aerospace
- BAE Systems Electronics & Integrated Systems
- BAE Systems Platform Solutions
- Ball Aerospace & Technologies Corp.
- Randy Manufacturing
- Beacon Industries
- BFI Precision Systems & Space Company, Inc.
- BMT Aerospace USA
- Boeing Defense, Space & Security
- California Drop Forge, Inc.
- Capewell Systems, LLC
- Carpenter Technology Corp - Latrobe Operations
- Carpenter Technology Corporation
- Ciclof Corporation
- CRC/DR Aerospace Products Group
- Click-Bond Inc.
- Co-Operative Industries Aerospace & Defense
- Cobham Microwave Electronics
- Collins Aerospace, Avionics Division
- Collins Aerospace, Electric Systems
- Collins Aerospace, Landing Gear
- Collins Aerospace, Power & Controls - Engine Components
- Collins Aerospace, Power & Controls Division
- Collins Aerospace, Sensors & Integrated Systems
- Composites Horizons LLC
- CPI Aérostructures
- Crane Aerospace & Electronics, Power Solutions
- Crane Aerospace/Hydro-Aire Inc.
- Crest Foam Industries, Inc.
- Crystalline
- CTR Inc.
- CTRL Systems, Inc.
- Cubic Defense Applications
- Curtis-Wright Flight Systems
- Custom Electronics, Inc.
- DASCO Engineering Corp.
- Dassault Systems Simula Corp.
- Dayton T. Brown, Inc.
- Ducronni Aérostructures, Inc.
- Ducroinni Ballarge Technologies
- Dukies Aerospace Inc.
- Dyson Inc.
- E-TA Circuit Breakers
- Eaton Aerospace, Actuation Systems Division
- Eaton Aerospace, Fluid Conveyance Division
- Eaton Aerospace, Fuel & Motion Control Division
- Elbit Systems of America, LLC
- Electronics Metal Finishing Corp.
- Esterline Engineered Materials
- Fastening Systems Int'l., Inc.
- FCI Aerospace
- Fives Machining Systems, Inc.
- Flexcorp
- FUR Systems, Inc.
- Flow Systems
- FTG Aerospace Inc.
- GE Aircraft Engines
- GE Aviation Systems
- General Dynamics OTS
- GKN Aerospace - Engine Systems
- GKN Aerospace Monitor
- GKN Aerospace Transparency Systems
- Glove Engineering Co., Inc.
- Goodyear Tire & Rubber Company
- HarcoSemo
- Harris (ITT Defense Systems)
- Harris Antenna Products (EDO Corp)
- Harris Corp (Govt Communications Systems Div)
- Harris Corporation NY
- Harris Corporation UT
- Harris Corporation VA
- HBM nCode
- HiRel Connectors, Inc.
- HI-Ho-Kus, Inc.
- Honeywell Aerospace, Aircraft Landing Systems
- Honeywell Aerospace, Electronic Systems
- Hutchinson Aerospace & Industry (Barry Controls)
- Hydralflow
- IBC Advanced Alloys, Engineered Materials Div
- Janicki Industries
- JhMCSI (was Vision Systems International)
- Kencoa Aerospace (was HGMIC)
- Kreider Manufacturing
- KSAIA Corporation
- KT Engineering
- KUKA Aero
- KULtE Semiconductor Products, Inc.
- L3 Aviation Recorders
Lockheed Martin Aeronautical Systems
Lockheed Martin Aeronautics Company
Lockheed Martin Aeronautics, Pinellas Park
Lockheed Martin Missiles & Fire Control
Lockheed Martin Mission Systems & Sensors
Loos & Co. Inc.
LORD Corporation (USA)
Lyon, inc.
Magnolia Advanced Materials, Inc.
Materion Beryllium & Composites
McGinty Machine Company Inc.
Meggitt - MUSA/PLC
Meggitt Polymers & Composites
Meggitt Polymers & Composites HQ
Michelin Aircraft Tire Corporation
Moog Inc.
National Utilities Co./NUCO
No-Rail Composites
North Hills Signal Processing Corp.
Northrop Grumman Aerospace Systems
Northrop Grumman Aerospace systems.
Northrop Grumman Electronic Systems
Northrop Grumman Innovation Systems - Flight Systems Group (was Orbital ATK)
Northrop Grumman Mission Systems
Northrop Grumman Network Communications
Nova-Tech Engineering, LLC
Omega Technologies, inc.
Paragon D & E
Parker Aerospace Control Systems
Pratt & Whitney Military Engines
Precision Coil Spring Co.
Precision Components, Inc.
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Raytheon Company Missile Systems
Raytheon, Space and Airborne Systems
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Siemens PLM Software Inc.
Siemens PLM Software Inc.
Siemens Process Industries and Drives
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Socomore (Dynamold)
Solvay Composite Materials
Swift Textile Metalizing
Sypris Electronics, LLC
Telcoyne Advanced Electronic Solutions (AES)
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The Lee Company
TL Machine, Inc.
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Triumph Aerospace Structures - Technology and Engineering Center - Arlington
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