

Advanced Rotorcraft Technology, Inc. [Class E]

www.flightlab.com
635 Vaqueros Ave., Sunnyvale, CA 94085 USA
(408) 523-5100
info@flightlab.com

ART has served the rotorcraft industry since 1982 with specialized rotorcraft consulting skills, computer aided aeromechanics engineering tools, flight dynamics models, simulation productivity tools and a wide range of training solutions that include virtual training suites, flight training devices and full flight simulators. Customers include military, commercial, academic and government organizations around the world. ART's products are: FLIGHTLAB – Commercial-off-the-Shelf (COTS) computer-aided engineering software to facilitate development, analysis and utilization of flight vehicle dynamics models in simulation applications; it supports rotary wing and fixed wing aircraft modeling and analysis. SIMphony – Distributed host software to synchronize FLIGHTLAB models to real time and integrate them with simulator cueing systems such as visuals, control loaders and motion platform. Real-Time Rotorcraft Models – Modular, self-contained, rotorcraft dynamics models are physically based, have proven fidelity, and are capable of real-time operation on modern PCs. The library includes: AH-64A/D, UH-60B/L/M, SH-60B, CH-47D, AH-1W, UH-1, OH-58D, OH-6 and CH-53.

Aero Gear, Inc. [Class E]

www.aerogear.com
1050 Day Hill Rd., Windsor, CT 06095 USA
(860) 688-0888

Aero Gear Inc. is a leader in aerospace power drive systems. The company supports their customers through the real life of the product, from design to manufacturing to full gearbox assemblies to overhaul and repair. Aero Gear provides its customers with carburized/hardened ground gears and gearbox assemblies for main transmissions, auxiliary gearbox assembly and tail rotor gearbox assembly. The firm is ISO 9001:2000 and AS9100 certified, and NADCAP certified for heat treat, temper etch and magnetic penetrant inspection. Aero Gear is an approved FAA Repair Station (#O88R209Y) and EASA Certified (#EASA.145.6127). Doug Rose is the President and Lee Welch is the Director of Sales/Marketing.

AgustaWestland (Italy) [Class B]

www.agustawestland.com
Via Giovanni Agusta, 520, Cascina Costa di Samarate (VA) Italy
+39 0331 229111

AgustaWestland, a Finmeccanica company, has the widest and most modern range of rotorcraft to meet our customers' vertical lift requirements. For offshore, passenger and VIP transport, air ambulance, law enforcement, SAR or utility missions AgustaWestland has the solution, with the unique advantage of a family of helicopters that share a common design approach, common parts, common training and the same maintenance philosophy. In the military sector, AgustaWestland has the most capable helicopters in production today for naval, attack, utility and combat SAR missions. Our 24/7 customer support and a full range of training solutions enhance availability and safety whatever your mission. AgustaWestland has its main operations in Italy, the UK, Poland and the USA, but has a global presence through its network of industrial partners and an ever expanding network of regional headquarters, customer support centres and authorised service centres.

AgustaWestland (US and UK) [Class A]

www.agustawestland.com

AgustaWestland UK
Yeovil, Somerset, BA20 2YB United Kingdom
+44 (0) 1935 475222

AgustaWestland North America
11700 Plaza America Drive, Suite 1000, Reston, VA 20191 USA
+1 (703) 243 7733

AgustaWestland Philadelphia
3050 Red Lion Road, Philadelphia, PA 19114 USA
+1 (215) 281-1400

AgustaWestland, a Finmeccanica company, is a global leader in military and commercial vertical lift. With more than 100 years of experience in the aerospace industry, AgustaWestland provides an unrivaled range of rotorcraft and vertical-lift products and services for every military, government and commercial application. The company's R&D budget represents an important commitment to improve existing products as well as developing innovative solutions. All of this is combined with an excellent supportability level devoted to total customer satisfaction.

Providing unmatched capabilities with technologically advanced platforms is a distinctive AgustaWestland characteristic. In 2011, AgustaWestland had 13,000 employees with major manufacturing facilities located in the USA, Italy, the UK and Poland. AgustaWestland firmly believes investing in R&D means offering the widest range of solutions for customers' needs by expanding existing product capabilities, installing state-of-the-art technologies in its future programs and developing revolutionary rotorcraft. For this purpose the company is not only investing in its own technology research, but also researching external noise reduction technologies, cleaner and more efficient use of power, as well as environmentally friendly flight paths.

AgustaWestland is also studying tiltrotor and tiltwing technologies. The company believes that combining turboprop performance with helicopter flexibility will help redefine the next generation of rotorcraft with an innovative approach for a number of missions.

American Eurocopter [Class A]

www.eurocopterusa.com
2701 N Forum Drive, Grand Prairie, TX 75052 USA
(972) 641-0000

American Eurocopter is the leading supplier of civil turbine helicopters in the U.S. and produces aircraft for the U.S. Army, Homeland Security and other local, state and federal agencies. The company is a subsidiary of EADS North America Holdings and is an affiliate of Eurocopter, the largest helicopter manufacturer in the world. American Eurocopter's product line represents the most cost-effective, technologically-advanced helicopters in the United States, serving all markets and missions. Company headquarters and main facilities are located in Grand Prairie, TX, with a large manufacturing and production facility in Columbus, MS that produces the UH-72A for the U.S. Army's Light Utility Helicopter program.

Applied Composites Engineering (ACE) [Class C]

www.appliedcomposites.com
705 South Girls School Rd., Indianapolis, IN 46231 USA
(317) 243-4225

ACE is a premier supplier of aviation and aerospace products and services, providing a wide range of services for the aviation and aerospace industries, including engineering, radome repair and testing, aircraft repair services and tool production. Its design and build Advanced Composites Facility was founded in 1982 and provides engineering and manufacturing services for many distinguished aviation and aerospace clients. It also has an FAA 145 repair station. With a long and broad history in advanced composites, ACE has excelled in its strategic focus on the aerospace and aviation industry over the past decade. Constant investments into research and development, new processes, equipment, technologies and personnel continue to bring ACE to the forefront of advanced composites product manufacture. With

a strong financial foundation and business structure, ACE continues to grow with their focus on quality of product and customer service and support, executing a credo of "Right & On Time!"

Australian Defence Force - Army Aviation Systems Program Office [Class E]

Army Aviation Centre, Oakey QLD 4401 Australia
(61) (7) 4577-7800

Army Aviation Systems Program Office (AASPO) is responsible for logistics support to the Sikorsky S-70A-9 Black Hawk, Boeing CH-47D Chinook and Bell 206B-1 Kiowa helicopters operated by the Australian Army, a total of 81 aircraft. The office also works with the acquisition of the CH-47F Chinook and manages Unmanned Aerial Systems. As an Australian Defence Force (ADF) Authorised Engineering Organisation (AEO), AASPO has attained and continues to maintain AS/NZS ISO 9001 certification. Primary engineering responsibilities include design (modifications, non-standard repairs and maintenance requirements determination), system health monitoring (receipt and resolution of defect reports, failure analysis and trend monitoring, component lifting and servicing policy) and publication support. These efforts are supported by strong links with OEM-approved contractors, other defense agencies and commercial organizations with relevant technical capabilities. AASPO will also retain the engineering governance responsibilities for both the Armed Reconnaissance Helicopter (Aussie Tiger) and the Multi-Role Helicopter (MRH-90).

Australian Headquarters 16th Brigade (Aviation) [Class D]

Gallipoli Barracks, Enoggera QLD 4052 Australia
(61) (7) 3332-7511

The Australian Army 16th Brigade (Aviation) provides aviation support to land forces. Primary support includes close and medium range reconnaissance, surveillance, operational support, air mobility, troop lift and aerial fire support. Secondary support includes aeromedical evacuation, resupply, aerial photography and survey operations. The 1st Aviation Regiment is equipped with Bell 206B1 Kiowas, Bell UH-1H Iroquois and leased fixed-wing. The 5th Aviation Regiment is equipped with Sikorsky S-70A-9 Black Hawks and CH-47D Chinooks to carry out air mobility and medium lift tasks in support of air mobile operations. Project AIR87 is currently underway with the aim of enhancing air maneuver, reconnaissance and fire support capabilities, with the introduction of the Armed Reconnaissance Helicopter (ARH). The ARH System includes 22 Eurocopter Tiger aircraft and associated equipment as well as an individual training system. Air 9000 seeks to acquire additional troop-lift helicopters in order to increase the troop lift capability of the Army.

AVX Aircraft Company [Class E]

www.avxaircraft.com
6100 Southwest Blvd., Suite 103, Ft. Worth, Texas 76109 USA
(817) 578-5863

Founded in 2005, AVX Aircraft Company headquarters and engineering offices are located in Fort Worth, Texas. The management team, engineering team and board of directors have extensive experience in aviation, business and engineering disciplines. AVX's aeronautical engineering team alone has more than 400 years of collective experience in the rotorcraft industry, including senior level management experience. AVX designs are a high performance, next-generation family of helicopters that incorporates leap-ahead rotorcraft technology. Utilizing coaxial, counter-rotating rotors and rear, laterally displaced ducted fans, AVX uses a unique and cost-effective horizontally integrated assembly/manufacturing strategy. This approach enables AVX to control costs from a pricing, manufacturing and development standpoint. The company filed provisional patents in 2007 and 2008. Design patents were granted in May 2009. Utility patents are

pending and additional patents are being filed. The President, COO, and Chief Engineer is Troy Gaffey.

Barry Controls Aerospace [Class C]

www.barrycontrols.com

4510 Vanowen Street, Burbank, CA 91505 USA
(818) 843-1000

European Service Center
40 rue Raymond Grimaud, Blagnac 31700 France
(33) 5 6116 7080

Paulstra Vibrachoc
61 rue Marius AUFAN, Levallois-Perret Cedex 92305 France
(33) 140 89 5331

Barry Controls Aerospace, a part of Hutchinson Aerospace, was founded in 1943 to solve problems of shock and vibration for the military services. The company offers full engineering and manufacturing facilities for the design, testing and fabrication of products to control dynamic motion such as vibration, impact shock and structure-borne noise. Barry Controls Aerospace products for helicopters include High Capacity Laminated Elastomeric Bearings, Lead Lag Dampers, elastomeric and fluid filled, plus other complex products designed specifically for use in helicopter rotors and the main transmission gear box suspension systems. Suitable for light and heavy helicopter rotor systems, these proven products offer excellent environmental and fatigue resistance while maintaining the best performance, in the smallest package, which allow for easy inspection. The company's latest silicone and elastomer compounds, plus fluid cells, meet specific customer requirements with zero maintenance and cost effective features to help satisfy the customers' desire for cost control.

Bell Helicopter Textron Inc [Gold Class, A and B]

www.bellhelicopter.com
P.O. Box 482, Fort Worth, TX 76101 USA
(817) 280-2011

Bell Helicopter is a leading producer of vertical lift aircraft for commercial and military customers. Established as a division of Bell Aircraft Corporation in 1941, Bell Helicopter made history with the world's first certified commercial helicopter. Since then, Bell Helicopter has developed more than 35,000 aircraft, including the new 525 Relentless, the 429, 412, 407 and 206L-4. Military programs include the AH-1Z, UH-1Y, OH-58D and the V-22 Osprey.

Voted "No. 1 in Customer Support" for 18 years in a row by Professional Pilot magazine and six consecutive years by Aviation International News, Bell Helicopter is known for world-class customer service, superior quality and innovation. Its service business supports more than 13,000 aircraft in more than 120 countries.

Bell Helicopter is home to more than 11,000 employees working in more than 2 million square feet of manufacturing space. Headquartered in Fort Worth, Texas, Bell Helicopter has plants in Amarillo, Texas, and Mirabel, Canada, and maintains supply and service facilities in Canada, the Czech Republic, India, The Netherlands and Singapore, plus additional maintenance, repair, overhaul and service facilities throughout the world.

Bell Helicopter and Bell Helicopter India/Textron India Private Limited are wholly-owned subsidiaries of Textron Inc., a multi-industry company with a global network of aircraft, defense, industrial and finance businesses. Founded in 1923, Textron has grown into a network of businesses with total revenues of \$11.3 billion and approximately 32,000 employees.

Bell Helicopter's President and CEO is John Garrison and the Executive Vice President of Engineering is Jeff Lowinger.

Bell Helicopter is a Gold Class corporate member of AHS, Bell Helicopter Canada is a Class A member and Bell Helicopter India/TIPL is a Class B member.

The Boeing Company [Class A]

www.boeing.com

P.O. Box 16858, Philadelphia, PA 19142 USA
(610) 591-2121

5000 E. McDowell Road, 510/A387, Mesa, AZ 85215 USA
(602) 891-3000

Boeing designs and manufactures military rotorcraft at facilities in Philadelphia, Pennsylvania and Mesa, Arizona.

In Philadelphia, Boeing produces the CH-47/MH-47 series of tandem rotor cargo helicopters; fuselages for the Bell Boeing V-22 tiltrotor transport airplane; and is upgrading the fleet of MH-47Es to MH-47G aircraft for Special Operations. The U.S. Army plans to build 464 CH-47F models, which includes 246 renew and 218 new aircraft and has completed the remanufacture of 61 MH-47Gs. To date, 205 CH-47Fs have been delivered.

Boeing teams with Bell Helicopter in the production of the V-22 Osprey. The MV-22 tactical transport airplane is in production for the Marine Corps, while the CV-22 special operations aircraft is in production for the United States Air Force.

In Mesa, Boeing produces the AH-64D Apache multimission, combat helicopter; is marketing the AH-6i Light Attack/Reconnaissance helicopter; and is the home of numerous new technologies in development for future rotorcraft. Boeing has delivered more than 600 AH-64D Apache Longbows and more than 20 AH-64E Apache (Block III) helicopters to the U.S. Army and several international customers. The Mesa site's Strategic Manufacturing Center produces electrical and mechanical subassemblies for airframes, weapons systems and electronic antenna warfare.

Dennis Muilenburg is President and Chief Executive Officer Boeing Defense, Space & Security; Phil Dunford is Chief Operating Officer and General Manager, Boeing Military Aircraft; Leanne Caret is Vice President, Vertical Lift and H-47 Program Manager; David Koopersmith is Vice President, Attack Helicopter Programs; and John Rader is Vice President, Tiltrotor Systems and V-22 Program Manager.

Breeze-Eastern [Class D]

www.breeze-eastern.com

700 Liberty Avenue, Union, NJ 07083 USA
(908) 686-4000

Breeze-Eastern specializes in the design, development and manufacturing of sophisticated lifting and restraining products, principally personnel hoists, helicopter external hook systems, weapons handling systems, airborne cargo winches, and aircraft tiedown systems. The firm pioneered the technology for helicopter rescue hoists. Breeze-Eastern hoist systems can be found on all types of helicopters around the world within military as well as civilian organizations. Breeze-Eastern is also the world's largest cargo hook systems original equipment manufacturer. Its line covers the complete payload range, from 1,500 pounds to 36,000 pounds. Many versions incorporate the latest designs, including load sensing, display, recording and automatic release features. Breeze-Eastern's responsive customer service organization is available to meet requirements throughout the world. The firm's president is Robert White; Gary Olson is Senior Vice President of Marketing and Business Development; Zoltan Varsanyi is Vice President of Customer Service; and Tom McLoughlin is Vice President of Engineering.

Camber Corporation [Class D]

www.camber.com

635 Discovery Drive, Huntsville, AL 35806-2801 USA
(256) 922-0200
businessdevelopment@camber.com

Camber Corporation provides mission-critical engineering and technical services to aerospace and defense, national security, and international government and commercial customers at over 100

locations worldwide. Camber is committed to providing professional services and solutions that exceed customer expectations. Key competencies include information technology, systems engineering, decision support systems, training, modeling and simulation, and software engineering. Camber provides systems engineering, acquisition support services, and logistics support to Army Program Managers in Apache, Utility, Cargo and Unmanned Aircraft Systems Project Offices, as well as Navy Program Managers in PMA-299, PMA-261, PMA-275, PMA-202 and PMA-213. An industry leader in sensor systems simulation (e.g. radar and FLIR), Camber was the first to develop a fully programmable, software-based approach to sensor simulation processors, generating realistic imagery for air-to-air radar, ground mapping radar, forward looking infrared, terrain following/terrain avoidance, weather navigation and moving map display systems, with systems employed on the AV-8B, MH-60K, MH-47E and MH-53J.

Carson Helicopters, Inc [Class C]

www.carsonhelicopters.com

952 Blooming Glen Rd., Perkasie, PA 18944 USA
(215) 249-3535

Carson's experienced work staff and in-house capabilities have made it a leader in the remanufacturing of S-61 Helicopters. Services include 9,000 hour inspections; complete overhaul and repair of all components, gearboxes, rotor heads and engines; repair of all fiberglass and cowlings; blasting and painting capabilities; major structural repairs and overhauls; retrofitting of avionics and electrical systems; and installation of Cobham Glass Cockpits. In 2003, The Carson Composite Main Rotor Blade was certified by the FAA, permitting the S-61 to carry an additional 1,700 lb, fly 15 knots faster and 50 miles farther. Carson continues to focus its attention and resources on improving the performance of the Sikorsky S-61, making it an affordable alternative to the latest helicopters on the market. Carson is presently working on new Composite Tail Rotor Blades, a Cobham Glass Cockpit, autopilot, landing gear and larger engines. Carson plans to develop similar improvements for other legacy aircraft.

CD-Adapco [Class E]

www.cd-adapco.com

60 Broadhollow Rd., Melville, NY 11747 USA
(631) 549-2300

CD-adapco is the world's largest independent computational fluid dynamics (CFD)-focused provider of engineering simulation software, support and service, with over 30 years of experience in delivering industrial strength engineering simulation to a wide range of industries and application areas. The company's activities extend well beyond software development to encompass a wide range of computer aided engineering services in both CFD and finite element analysis (FEA). CD-adapco's STAR-CCM+ is the world's most comprehensive engineering physics simulation inside a single integrated package. It has capabilities for solving multi-physics problems, including fluid-structure interaction, conjugate heat transfer, and aeroacoustics. STAR-CCM+ is a unique all-inclusive pre-processor, solver, and post-processor designed for high throughput and accurate physics modern scientists and engineers demands. Through the combination of industry-leading CAD-to-mesh designed for complex geometries, and state-of-the-art physics models and numerical schemes, STAR-CCM+ yields unprecedented flexibility, accuracy and productivity in CFD-based simulations for rotorcraft.

C.I.R.A. [Class D]

www.cira.it

Via Maiorise, I-81043 Capua (CE) Italy
(39) 0823-623111

The Italian Aerospace Research Center (CIRA) is a limited Consortium Society founded in 1984 by the Italian Aerospace Industries and by the Regione Campania. In May 1989, the Italian

Government – by special law – entrusted CIRA to manage the National Program for Aerospace Research Activities (PRORA) and to design, build and operate all numerical and technological laboratories and experimental facilities needed to carry out PRORA. CIRA is a conceptual link between universities devoted to basic research and aerospace industries and as such, it is mainly involved in the application of research. CIRA participates in cooperative research programs in order to promote the exchange of information and to become involved in the current aerospace research challenges. Key personnel include Enrico Saggese, Chairman of the Board; Leopoldo Verde, General Director; Marcello Amato, Manager; Antonio Visingardi, Research Scientist; and Lorenzo Notarnicola, Research Scientist.

Continuum Dynamics, Inc. [Class D]

www.continuum-dynamics.com
34 Lexington Ave., Ewing, NJ 08618-2302 USA
(609) 538-0444
info@continuum-dynamics.com

Since 1979, Continuum Dynamics, Inc. (CDI) has been providing high quality research and development, licensable computer software, and analysis services to government and industry for a wide range of rotorcraft-related applications, including: rotor aerodynamics and dynamics; full aircraft interactional aerodynamics; advanced aerodynamic models for piloted flight simulations/trainers; noise prediction and reduction; brownout prediction and mitigation; vortex wake hazard prediction; and dynamic interface. CDI uses and markets two primary software suites for analyzing rotary wing aircraft: the CHARM family of fast vortex/fast panel analyses and the VTM family of Eulerian CFD-based solvers. CHARM is also available as a module that plugs into piloted flight simulations and trainers to provide high fidelity aerodynamic modeling in real-time. Key personnel at CDI involved in rotorcraft-related R&D include Dr. Todd R. Quackenbush, Dr. Robert M. McKillip, Mr. Daniel Wachspress, Dr. Jeffrey D. Keller, Dr. Glen R. Whitehouse, and Dr. Ke “Michael” Yu.

Eaton Aerospace – Electrical Sensing & Controls Division [Class C]

www.aerospace.eaton.com
24 E. Glenolden Avenue, Glenolden, PA 19036 USA
(610) 522-4000

Eaton Aerospace ES&CD is an industry leader in the design and manufacture of aerospace electrical power components and distribution systems, electromechanical motion control, cockpit control panels and lighting, pilot controls, sensors, debris monitoring and lubrication subsystems. Comprised of six plants and more than 1,400 employees, Eaton Aerospace ES&C Division has a proud heritage of aerospace component excellence through such legacy brands as Mechanical Products, Consolidated Controls, PerkinElmer, Cutler Hammer, MSP and Tedeco. Specific to rotorcraft, through its Tedeco brand, Eaton provides helicopter transmission and engine lubrication system condition monitoring equipment such as chip detectors, debris monitors, integrated lube tank and reservoir systems, liquid level sensors and indicators, filler caps, breathers and drain valves. The company also provides engineering and laboratory services to assist customers in the solution of complex diagnostic problems. Its advancements in debris monitoring technology have kept pace with improvements in gas turbine engines, transmissions and gearboxes.

Esterline CMC Electronics [Class C]

www.cmcelectronics.ca
600 Dr. Frederik Philips Blvd., Ville Saint Laurent, Quebec H4M 2S9 Canada
(514) 748-3148

Esterline CMC Electronics designs, manufactures and supports a wide range of cockpit avionics systems and products, which include: navigation systems and sensors; avionics and flight

management systems; cockpit display systems, including multifunction, monitoring and control systems; head-up displays; mission computers; GPS sensors; airborne SATCOM antennas; cockpit avionics systems integration; enhanced vision systems; electronic flight bags and human factors engineering. These products are in use by both military and commercial customers on more than 100 aircraft types in more than 40 countries. Company officers include Jean-Michel Comtois, VP Marketing & Sales, Government & Public Affairs; and Jim Palmer, VP Aviation Products.

Eurocopter [Class A]

www.eurocopter.com

Aéroport International Marseille-Provence, F-13725 Marignane
Cedex France
(33) 4-42-85-8585

Eurocopter Deutschland GmbH, D-81663 München Germany
(49) 89-6000-04

Established in 1992, the Eurocopter Group is a division of EADS, a world leader in aerospace, defense and related services. Eurocopter designs, develops, produces and markets the most comprehensive range of civil and military helicopters in the world, and employs approximately 20,000 people.

In 2011, Eurocopter confirmed its position as the world's number one helicopter manufacturer with a turnover of 5.4B, orders for 457 new helicopters and a 43% market share in the civil and parapublic sectors. Overall, the Group's helicopters account for 33 percent of the worldwide civil and parapublic fleet. Eurocopter's strong international presence is ensured by its subsidiaries and participations in 21 countries. Its worldwide network of service centers, training facilities, distributors and certified agents supports some 2,900 customers. There are currently more than 11,300 Eurocopter helicopters in service in 149 countries.

Major ongoing investments in innovation technologies enable Eurocopter to strengthen its world leading market position. Since 2007, the Group has doubled its self-financed investments in research and development, and will continue this growth in the coming years. The main axes of innovation focus on: increasing flight comfort and safety and improving flight performance of the present and future range of helicopters. This reinforces the competitiveness of Eurocopter's helicopters by reducing both operation and maintenance costs; increasing environmental performance by reducing the sound level; and reducing CO2 and NOX emissions and fuel consumption. Eurocopter's objective is to have a new helicopter, new helicopter version or new technology demonstrator perform its maiden flight each and every year.

Fairchild Controls [Class D]

www.fairchildcontrols.com
540 Highland Street, Frederick, Maryland 21701 USA
(301) 228-3400

Fairchild Controls designs, manufactures and supports laser obstacle warning systems, environmental control systems, flight data recorders and transponders for the military and civil rotorcraft industry. The company's high performance rotorcraft obstacle warning systems enable pilots to detect wires and other low level flight hazards providing timely and reliable warning with a detection probability of 99.5% within one second, increased helicopter operational availability and reduced pilot workload. Environmental control system applications provide thermal management for embedded or pod-installed sensor suites. Fairchild's Flight Data Recorders integrate the traditionally separate memory and data acquisition modules into one smaller unit with significant weight savings versus today's products. The Fairchild Command/Telemetry System is a family of low cost standard modules that can be customized to perform a wide variety of control and status functions. Fairchild Controls has best-

in-industry value, demonstrated through proven on-time delivery and quality metrics, and exceptional MRO turnaround time performance.

FlightSafety International [Class D]

www.flightsafety.com
Simulation Systems Division
2700 North Hemlock Circle, Broken Arrow, OK 74012 USA
(918) 251-0500

The FlightSafety International Simulation Systems Division designs and manufactures large-scale commercial and military aircraft simulation systems incorporating the latest advances in technology, backed by a comprehensive customer support network. Key personnel include Ron Jantzen, Director of Engineering; Dan Littmann, Manager, Flight Dynamics; Keith Shipman, Senior Staff Engineer; and Steve Smith, Senior Staff Engineer.

Fuji Heavy Industries Ltd. [Class C]

www.fhi.co.jp
1-1-11 Yonan, Utsunomiya, Tochigi, 320-8564 Japan
(81) 028-684-7531

Fuji Heavy Industries, Ltd. (FHI) is one of the major aircraft manufacturers in Japan, building helicopters, airplanes and UAVs. It is headquartered in Tokyo and its major facility is in Utsunomiya-city. Since the 1950s, FHI has been involved in the development and production of more than 35 types of aircraft. FHI not only manufactures but also customizes the UH-1H and UH-1J utility helicopters, as well as the AH-1S and AH-64D attack helicopters, for the Japan Ground Self Defense Force (JGSDF), under the license from Bell Helicopter and Boeing. FHI also maintains the helicopters of the Japan Coast Guard, National Police Agency, and Fire and Disaster Management Agency. FHI manufactures the Forward Flying Observation System (FFOS) helicopter UAV for the JGSDF, which can be remotely piloted or can be flown by programmed command. The President of FHI is Yasuyuki Yoshinaga Aerospace Company President is Hisashi Nagano, and the Vice President is Syouchirou Tozuka.

GE Aircraft Engines [Class A]

www.ge.com/aviation
1000 Western Avenue, Lynn, MA 01910 USA
(781) 594-9465

GE Aviation, an operating unit of GE, is a world-leading provider of jet and turboprop engines, components and integrated systems for commercial, military, business and general aviation aircraft.

Its T58/CT58 engine family has been a mainstay on numerous military and civil helicopters, and has amassed more than 30 million flight hours.

The GE38, the most technologically advanced engine in its class, significantly advances the state-of-the-art in large turboshaft engine performance, fuel efficiency and life-cycle costs. Compared to its predecessor, the proven T64 turboshaft engine, the GE38 provides 57% more power, approximately 18% better fuel consumption, with 63% fewer parts.

GE's T700/CT7 engines are the premier provider of power in the medium-to-large helicopter segment, boasting more than five decades of operation. GE designed the T700 engine for the U.S. Army's UH-60 Black Hawk, resulting from lessons learned in Vietnam. Ruggedness, safety and the ability to operate reliably under adverse environmental conditions while requiring minimal maintenance were key requirements. With over 6 million combat hours and more than 50 million total flight hours, the T700/CT7 family has achieved a superb global reputation for both its outstanding operation under relentless environmental conditions and its standard-setting maintenance design. Over 15,000 engines in the T700/CT7 family have been produced, with more than 100 customers in 57 countries.

Current production T700/CT7 engines power the Sikorsky H-60/S-70 Hawk family of helicopters, the Boeing AH-64 Apache, Bell's AH-1W/Z and UH-1Y, the Kaman SH-2G Super Seasprite, the AgustaWestland AW101, and the NH Industries NH90.

Helicopter Systems Division [Class D]

Defence Materiel Organisation
Bldg 474-A2 Link, RAAF Williams, Laverton, VIC 3027 Australia
(61) 3-9256-3673

Helicopter Systems Division (HSD) was formed in 2006 to manage the acquisition and through-life support of Rotary Wing Aviation systems and Unmanned Aerial Vehicles (UAVs) for the Australian Defence Force (ADF). The Division is responsive to Chief Capability Development Group, and to the Service Chiefs for delivery of acquisition outcomes. The Division is also responsive to the Chief of Navy and the Chief of Army for the sustainment of in-service helicopters and UAVs. HSD employs staff in seven locations in Australia and overseas. The Division is managing seven major capital equipment acquisition programs and several significant minor projects that are amongst the largest and most complex in Australia. HSD acquires and sustains eight types of helicopter weapon systems, three UAVs and a range of helicopter simulators and other training devices for the ADF.

HELIVALUES\$, Inc. [Class E]

www.helivalues.com
P.O. Box 575, Wauconda, IL 60084-0575 USA
(847) 487-8258
helivalues@helivalues.com

HeliValue\$, Inc. provides in-depth impartial "desktop" and onsite appraisals, performed on whole helicopters, fleets, components and entire inventories. The appraisal service has been an invaluable tool for residual value projections, loan values, insurance valuations, and buyers and sellers. HeliValue\$ also publishes "The Official Helicopter Blue Book," a subscription publication listing original and current market values for more than 125 helicopter models. In addition to original and current market values, it features additions for popular options, kits and accessories for each model, as well as graphs presenting the past three to five years of resale history. It also features listings of the major components, life limits, average overhaul/replacement costs and average resale values of these components. Hourly maintenance costs are spelled out for each model. Finally, it presents detailed information on power plants, dimensions, seating, weights and performance. "The Official Helicopter Blue Book" is available on an annual subscription basis.

Hindustan Aeronautics Limited [Class A]

www.hal-india.com
Rotary Wing Research and Design Centre
Vimanpura, Hal, Old Airport Road, P.B. No. 1786
Bangalore Karnataka India
(91) 802-231-4349

Hindustan Aeronautics Limited (HAL) is a Public Sector Undertaking under the Ministry of Defence, fully owned by the government of India. The core business of HAL includes design and development of fixed and rotary wing aircraft; avionics and accessories; manufacturing, maintenance, repair and overhaul of fighter, transport and trainer aircraft, helicopters, aero-engines, avionics, accessories, ground support equipment; aircraft mid-life upgrade programs, manufacture of launch vehicles and satellite structures; and development of airborne software.

Regarding vertical flight activities, HAL has established a Helicopter Complex with Design, Production and MRO divisions under it. The company, which started its business of helicopters with licensed production, has now manufactured and delivered indigenously developed helicopters for military and civil applications.

The Rotary Wing Research and Design Centre (RWRDC),

entrusted with the design, development and certification of helicopters, has certified the utility version of Advanced Light Helicopter (ALH) Dhruv, and is in the process of certification of the weaponized version of ALH. The Centre is also in the process of development of the Light Combat Helicopter (LCH), which is presently under flight testing towards certification, and the Light Utility Helicopter (LUH), which is at an advanced stage of detailed design and build of a prototype.

The Helicopter Complex is headed by a managing director (presently Mr. P. Soundara Rajan), who is a member of the Board of Directors of HAL.

Honeywell [Class A]

www.honeywell.com/missionready
Defense & Space, Helicopters & Surface Systems
1944 E. Sky Harbor Circle, Phoenix, AZ 85034 USA
(800) 601-3099 or (602) 365-3099

Honeywell is a leading global provider of integrated avionics and safety systems, engines and service solutions for fixed-wing aircraft, helicopters and remotely-piloted vehicles. Honeywell's aerospace business focuses on enhancing customer value by making flight safer, more reliable and more cost-effective through its unique capabilities in sophisticated avionics and flight safety systems, propulsion engines, auxiliary power units, wheels and brakes, high reliability switches and sensors and its world-class aftermarket service and support. The company is committed to redefining customer-supplier relationships across a broad array of channels in the aerospace industry through a spirit of partnership.

Honeywell is a global supplier of propulsion, avionics-safety systems and aftermarket services to civil and military helicopter OEMs and operators. Honeywell's overarching mission is to increase the reliability, survivability and safety of flight crews and their passengers. Honeywell researches and develops "leading safety and propulsion technologies for multiple segments of the helicopter market, with a full range of engines, systems and services available now to keep you flying ... safely."

Honeywell engines include the LHTEC CTS800, HTS900, LTS101, T53, T5317BCV and T55. Safety systems include the Enhanced Ground Proximity Warning System (EGPWS), Traffic Collision Avoidance System, Weather Detection, Observer and Sentinel, as well as the Zing Condition-Based Maintenance Solutions.

Honeywell's aerospace business is headquartered in Phoenix, Arizona.

Kaman Aerospace Corp. [Class B]

www.kamanaero.com
P.O. Box 2, Bloomfield, CT 06002 USA
(860) 242-4461

Kaman Aerospace Corporation, a subsidiary of Kaman Corporation, is a pioneer in helicopter development. Kaman is a prime contractor, providing design, fabrication, test and systems integration of both military and civil helicopters.

The Kaman SH-2G is optimized for maritime operations from destroyer, frigate, corvette and offshore patrol combatants. It is a true multi-mission helicopter with the ability to find and prosecute both surface and subsurface naval targets. The SH-2G is in service with the Arab Republic of Egypt, the Royal New Zealand Navy and the Polish Navy.

The Kaman K-MAX is a medium lift helicopter designed specifically for rapid turn cycles in external lift operations. It is in use throughout North America, Europe, Australia, New Zealand, South Korea, and Japan, performing logging, firefighting, heavy construction, and oil and gas exploration missions. The Unmanned K-MAX is currently performing extensive autonomous cargo hauling missions in Afghanistan for the U.S. Marine Corps.

Kaman is an active member of the helicopter R&D community, with ongoing development programs in advanced rotors and rotor controls, rotary wing UAVs, composite structures and dynamic components and avionics systems. Kaman supplies

structural parts, subassemblies and assemblies to both fixed- and rotary-wing aircraft manufacturers, including Bell, Boeing, Eurocopter, MD Helicopters, Northrop Grumman and Sikorsky. Kaman makes complete composite rotor blades, sub-assemblies and performance-enhancing products, such as erosion protection for many OEMs and platforms, including the MD900 rotor system. Kaman is also developing a composite main rotor blade for the MH/AH-6 Little Bird. Sal Bordonaro is President of the Helicopter Division.

Kamov [Class E]

www.kamov.ru/en
8-A March 8th Street, Lubersty, Moscow Region, 140007 Russian Federation
(7) 495-700-31-11

Kamov Company is a modern growing entity which provides design, construction, flight test as well as serial production of helicopters. The company is working under the direction of the Russian Helicopters JSC managing company and is under the control of Oboronprom UIC, the parent company. The company has produced the ultralight Ka-8; the heavy Ka-19, Ka-15, and Ka-18; the naval combat Ka-25 and Ka-27; the experimental assault Ka-22, the civil Ka-26 and a number of other variants, including the Ka-50 Black Shark, the first single-seat combat helicopter in the world with a coaxial rotor design. The two-seat Ka-52 Alligator is now being fielded with the Russian military. General Designer Sergey Mikheyev was awarded the Hero of Russia title for the creation of the Ka-50 and Ka-52 helicopters.

Karem Aircraft, Inc. [Class D]

www.karemaircraft.com
One Capital Drive, Lake Forest, CA 92630 USA
(949) 859-4444

Karem Aircraft performs design, engineering, development, and prototyping of advanced aircraft, specializing in variable speed rotor systems and advanced, high efficiency tiltrotors. It was one of five Joint Heavy Lift (JHL) Concept Design and Analysis (CDA) industry teams in 2005-2007 and, teamed with Lockheed Martin, was one of three industry teams that continued into the extension phase of the JHL program. The company presented its TR75 baseline twin tiltrotor design featuring 75 foot diameter optimum speed tilting rotors. Karem Aircraft is also pursuing private-venture development of the AeroTrain, a vertical takeoff civil transport with a fuselage and passenger capacity similar to an Airbus A318. Karem Aircraft's tiltrotor designs and rotorcraft technologies encompass a broad range of applications, and are protected by 40 patents and patents pending. The company is also engaged in aerospace research and development, composite manufacturing, aircraft system development, and advanced prototyping.

Kawasaki Heavy Industries, Ltd. [Class C]

www.khi.co.jp
Aerospace Company
1 Kawasaki cho, Kakamigahara-city, Gifu 504-8710 Japan
(81) 0583-82-3112

Aerospace Company is one of the major companies comprising Kawasaki Heavy Industries, Ltd. (KHI). The facility includes an integrated factory for the manufacture of rotary-wing and fixed-wing aircraft, missiles and space equipment. In addition to production and repair activities, KHI puts priority on research and development efforts in aircraft, missiles and space equipment. Helicopters produced by KHI include the Bell 47 and its Japanese derivative, the KH4; the Boeing 107 and CH-47J; and Hughes (MDHI) 369D/OH-6 (all of which are produced under license); and the BK 117, which is a joint program with Eurocopter Deutschland. The XOH-1/OH-1 observation helicopter is a wholly indigenous aircraft with modern systems designed to replace the Hughes OH-6 within the Japan Self Defense Force. As a risk

sharing partner on the MD Explorer, KHI designed and is manufacturing the aircraft's main gearbox. Aerospace Company President is Chikashi Motoyama and Vice President Sigeru Murayama.

Lockheed Martin Mission Systems & Sensors (MS2) [Class A]

www.lockheedmartin.com
1530 Wilson Blvd., Suite 500, Rosslyn, VA 22209 USA
(571) 357-6337 or (330) 734-9911
jennifer.l.allen@lmco.com

Headquartered in Bethesda, Maryland, Lockheed Martin is a global security company that employs 125,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

With more than 38 years of mission system integration experience, Lockheed Martin is the prime systems integrator for the Sikorsky-built MH-60R Seahawk helicopter and has integrated a variety of mission systems to provide the aircrew, and the battle group via data link, an accurate and real-time situational picture of the surface and subsurface domains. Operational and deployed today with the U.S. Navy as the primary anti-submarine warfare anti-surface weapon system for open-ocean and littoral zones, the MH-60R is the world's most advanced maritime helicopter. It is the most capable naval helicopter available today designed to operate from frigates, destroyers, cruisers and aircraft carriers.

Lockheed Martin and Kaman Aerospace have successfully transformed the proven K-MAX into an unmanned aircraft system (UAS) capable of autonomous or remote-controlled cargo delivery. Lockheed Martin designed the helicopter's mission management and control systems to provide the K-MAX with exceptional flight autonomy in remote environments and over long distances. The aircraft has been serving in Afghanistan since December 2011 as the Navy's first-ever cargo unmanned aircraft system to deploy in an operational environment.

LORD Corporation [Class B]

www.lord.com

(World Headquarters)
111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 USA
(919) 468-5981

(Administrative Offices)
2000 West Grandview Blvd., Erie, PA 16514-0038 USA

(Administration/Production)
1634 West 12th Street, Erie, PA 16514-0039 USA
(814) 456-8511

(Corporate Research)
Thomas Lord Research Center, 110 Lord Drive,
Cary, NC 27512-9012 USA

With global reach and extensive technical capabilities, LORD has the ability to work on complex formulations, balancing contradictory property and process requirements to deliver the solutions that meet customer and market demands. LORD builds on its more than 85 year history with a track record of successful long-term partnerships with technology leaders.

Founded in 1924, LORD Corporation is a privately-held company that designs, manufactures and markets mechanical devices and electromechanical systems to control vibration, motion and noise, and develops products and systems utilizing magnetically responsive technologies. With global headquarters in Cary, N.C., and sales in excess of \$789M, LORD has manufacturing facilities in eight countries and more than 90 sales and support centers. LORD Corporation employs more than 2,900 people worldwide.

Marvel Manufacturing Company [Class E]

www.marvelmfg.com
40 North 2nd Street, Stroudsburg, PA 18360 USA
(570) 421-6221
marvelmfg@prodigy.net

Marvel designs and manufactures precision horizontal suspension type static balance indicating equipment which is applied to helicopter rotors, aircraft propellers, and other rotating parts. Key corporate personnel include James R. Fuller, Chief Engineer; Larry Struble, General Manager; and Louis M. Byron, Jr., President.

MDS Coating Technologies Corporation [Class C]

www.mdscoating.com
60 Aerospace Boulevard, Slemon Park, Prince Edward Island,
C0B 2A0 Canada
(902) 888-3900

MDS Coating Technologies Corporation (MCT) develops protective coatings for gas turbine engines used in the aerospace, commercial and defense industries. MCT's Erosion and Corrosion Resistant Coatings for the compressor section of the gas turbine engine are award winning (2007 AHS Jensen Award) and field proven, with more than 20 years of successful operation. Field data confirms that the coating increases on-wing time by up to 10 times, resulting in hundreds of millions of dollars in cost savings for end users. The technology is NADCAP accredited and is certified with several OEMs, including GE Aviation. MCT's latest technology, BlackGold, is flying with both commercial and military operators, saving them fuel and maintenance costs.

Mitsubishi Heavy Industries, Ltd. [Class C]

Nagoya Aerospace Systems
10 Oye-cho, Minato-ku, Nagoya 455-8515 Japan
(81) 52-611-8005

As the leading company of Japan's aerospace industry, Mitsubishi Heavy Industries, Ltd. (MHI) engages in the development and production of a wide variety of aerospace products. MHI produces jet fighters for the Japan Air Self-Defense Force and anti-submarine helicopters for the Japan Maritime Self-Defense Force, as well as various other products, such as aero-engines, missiles and torpedoes. MHI has produced the S-55, S-62, S-61/HSS-2 (H-3 derivative) helicopter models since 1958, and currently produces the SH-60K sea patrol helicopter, the UH-60J search and rescue helicopter and the UH-60JA utility helicopter under license from Sikorsky. The SH-60K differs from the standard H-60 Black Hawk, with an enlarged cabin and main rotor blades with an anhedral/dihedral tip. MHI has also developed and produces its own MH2000 civil helicopter, using two MHI MG5 turboshaft engines. The general manager of the MHI Military Aircraft Division is Izumi Ishii; the firm's AHS contact is Manabu Yamaguchi.

Moog Inc. [Class C]

www.moog.com
Aircraft Group
Seneca Street & Jamison Road, East Aurora, NY 14052-0018 USA
(716) 652-2000

Moog is the market leader in providing innovative flight control and utility actuation solutions to the aerospace industry. Moog has been designing and manufacturing helicopter flight control, vibration control and utility actuation products for more than 40 years. Its product solutions deliver high reliability operation in the severest operating environments and leverage highly supportable, time tested, building blocks. Over the last decade, Moog has been extending its world-class product support to include the sustainment of both Moog and non-Moog parts. Moog's dedicated support team provides fast, flexible and responsive repair services for a variety of mechanical, hydraulic

and electronic parts. Moog continues to develop innovative solutions to reduce lifecycle costs and is working with industry experts to develop and qualify advanced repair processes for corroded and worn aerospace parts. Moog "has the technical experts, facilities, equipment and certifications in place to support your repair needs today."

MSC Software [Class E]

www.mscsoftware.com
2 MacArthur Place, Santa Ana, CA 92606 USA
(714) 540-8900

MSC Software is one of the ten original software companies and the worldwide leader in multidiscipline simulation. As a trusted partner, MSC Software helps companies improve quality, save time and reduce costs associated with design and test of manufactured products. Academic institutions, researchers, and students employ MSC technology to expand individual knowledge as well as expand the horizon of simulation. MSC Software's engineering simulation technology is used by leading manufacturers for linear and nonlinear finite element analysis (FEA), acoustics, CFD, multi-physics, optimization, fatigue and durability, multi-body dynamics, and control systems simulation. The company's products accurately and reliably predict how products will behave in the real world to help engineers design more innovative products – quickly and cost effectively. MSC Software's products, services, and people are used by 900 of the top 1000 manufacturers in the world.

Naval Safety Center [Class E]

www.safetycenter.navy.mil
375 A Street, Norfolk, VA 23511 USA
(757) 444-3520

The Naval Safety Center provides safety assistance and advice to the Chief of Naval Operations, Commandant of the Marine Corps, and the Deputy Assistant Secretary of the Navy for Safety in order to enhance the warfighting capability of the U.S. Navy and U.S. Marine Corps, preserve resources, and improve combat readiness by preventing mishaps and saving lives. Since 1951, NSC has maintained a repository for reports on injuries, occupational illnesses and property damage. The Safety Center is the "one stop safety shop" that gathers information from the fleet, then analyzes and interprets data to help the military and civilians develop programs on safety awareness and prevention. The Safety Center also conducts worldwide mishap investigations, oversight reviews, safety surveys, seminars, and culture workshops. The Safety Center headquarters is at Naval Station Norfolk, Virginia and is comprised of 235 military, civilian and reserve staff members supporting 4,200 commands and detachments worldwide.

Optical Air Data Systems, LLC [Class E]

www.oads.com
10781 James Payne Ct., Manassas, VA 20110 USA
(703) 393-0754

Optical Air Data Systems, LLC (OADS) is a high technology, award-winning small business located in Manassas, Virginia. OADS is a rapid developer of lightweight, rugged Light Detection and Ranging (LIDAR) and remote sensing solutions for real world precision measurement problems. OADS specializes in the successful completion of accelerated high technology projects, rapidly translating core technologies from scientific discovery into hands on, working prototypes all the way to commercialization through its experienced team of subject matter experts, scientists and engineers. OADS was born out of the aerospace industry and has successfully applied and integrated telecommunications advancements in fiber optic technology into a variety of products, including the world's first LIDAR-based low speed airspeed sensor, altimeter and ground velocity sensor for rotary wing aircraft, LIDAR for wind turbine control, hand held laser wind sensor, laser range finder, and a laser groundspeed sensor. The firm's technology is covered by more than 27 patents.

Piasecki Aircraft Corporation [Class D]

www.piasecki.com
Second Street West, PO Box 360, Essington, PA 19029-0360 USA
(610) 521-5700
myers_vr@piasecki.com

Piasecki Aircraft Corporation (PiAC), a pioneer in design, development and flight testing of innovative aerospace technologies, leverages its unique skills and experience to develop ground-breaking technologies to penetrate emerging markets. Piasecki's X-49A Vectored Thrust Ducted Propeller (VTDP) Compound Helicopter demonstrated 47% greater speed at the same power as the baseline SH-60F Seahawk, and a 50% reduction in vibration and fatigue loads. PiAC's Turais, under the Navy Wing and Bomb Bay Launched Unmanned Air Vehicle effort, completed an unpowered free flight demonstration. The Army Combat Medic UAV produced the KlearPath autonomous collision avoidance and landing system, successfully demonstrated on a Boeing Unmanned Little Bird. PiAC is working with Lockheed Martin to develop the DARPA Transformer Vehicle (TX), a ground vehicle that can transform into a VTOL aircraft; contract award for prototype vehicle design/development is expected in December 2012. The company is AS9100C certified. Fred Piasecki is Chairman/CTO; John Piasecki is President/CEO.

Polish Institute of Aviation [Class E]

www.ilot.edu.pl
Al. Krakowska 110/114, 02-256 Warsaw Poland
(48) 22-846-00-11
ilot@ilot.edu.pl

The Institute of Aviation in Warsaw, Poland, is the country's most prestigious aviation research institution and one of the best aeronautical design and research centers in Eastern Europe. The Institute is engaged in a wide spectrum of design, research and development activities in the area of vertical flight, including wind tunnel testing, static, resonance and fatigue testing; aircraft engine, structure and power transmission design; noise studies; crew station; and field maintenance optimization. The Institute of Aviation widely cooperates in these areas of activity with many US and European companies, especially with General Electric Aviation, Pratt & Whitney Aircraft and EADS. The National Rotorcraft Forum, which is organized and takes place biannually by the Institute, is the main social event of the Polish rotorcraft community. The first National Rotorcraft Forum was organized in Warsaw, in October 1995.

Pratt & Whitney Canada, Inc. [Class A]

www.pwc.ca
1000 Marie-Victorin, Longueuil, Quebec J4G 1 A1 Canada
(450) 647-9411

Pratt & Whitney Canada is a world leader in aviation engines powering business, general aviation and regional aircraft, and helicopters. P&WC is a subsidiary of United Technologies Corporation, a high-technology company based in Hartford, Connecticut.

In the early 1970s, P&WC entered the helicopter market with its first PT6T Twin-Pac model, establishing a dominant presence in the medium helicopter market. The extraordinary service experience of the Twin-Pac established the reliability and durability standards in helicopter operations. The PT6 engine series incorporates the latest technology and materials designed for some of the most innovative programs currently in production or under development in the helicopter industry.

In the early 1980s, P&WC began the development of the PW200. Reliability, maintainability, and low ownership costs were high priorities from the beginning. Today, the PW200 engine, available on all light-twin helicopter applications, has become the uncontested market leader in the light-twin helicopter market. P&WC also launched a new generation turboshaft engine, the PW210, offering best-in-class performance in the 1,000 shp class

with unmatched reliability, durability and operating economics for large single and intermediate/medium twin helicopters.

Backed by a global customer service network, the PT6 and PW200 series engines have ensured P&WC's position as a world leading engine supplier to the helicopter market.

P&WC officers include John Saabas, President; Benoit Brossoit, Senior VP, Global Operations; and Keyvan Fard, Senior VP, Sales & Marketing.

QinetiQ AeroStructures [Class E]

www.QinetiQ.com.au

Level 3, 210 Kingsway, South Melbourne VIC 3205 Australia
(61) 3-9694-1000

QinetiQ AeroStructures is the Australian Defence Force's (ADF) industry partner in aircraft structural integrity engineering. The organization holds a unique status as the only company accredited to provide certified structures design advice for all aircraft and helicopters in the Australian military from the RAAF Museum Spitfire through to the MRH 90 and the JSF. QinetiQ AeroStructures provides independent airworthiness advice and structural integrity related engineering analysis services to the ADF and commercial clients on the safe operation of fixed and rotary wing aircraft. QinetiQ AeroStructures holds Authorized Engineering Organization (AEO) status under the auspices of a long term contract with the ADF's Directorate General Technical Airworthiness. The company offers expert advice on structural airworthiness including fatigue management, aircraft usage monitoring, interpretation of structural certification and design standards, structural testing and engineering analysis.

QuesTek Innovations, LLC [Class E]

www.questek.com

1820 Ridge Avenue, Evanston, IL 60201 USA
(847) 328-5800

QuesTek Innovations, LLC rapidly designs, develops and commercializes new alloys by using its "Materials By Design" approach and integrated computational materials engineering (ICME) technology. QuesTek is designing new Al-, Fe-, Ti-, Cu-, Ni-, Nb-, Mo- and Co-based materials, and has commercially introduced four Ferrium steels: Ferrium M54 (AMS 6516; MMPDS S-basis approved, A/B-basis pending) was designed as a lower-cost replacement for AerMet 100 but has more forgiving thermal processing and provides equivalent-or-better properties, including superior SCC and fatigue resistance. Ferrium S53 (AMS 5922; MMPDS) offers much greater resistance to general corrosion, SCC, fatigue, corrosion fatigue, and grinding burn than 300M/4340. M54 and S53 are applied to rotor/driveshafts, landing gear, actuators, structural parts, etc. Ferrium C61 (AMS 6517) and C64 (AMS 6509) are new carburizing-grade steels for transmissions, integrally-gear shafts, actuators, etc. that offer greater strength, hardness, toughness, STBF-resistance, high-temperature-resistance, grind-burn-resistance or hardenability than AISI 9310 VIM/VAR or Pyrowear 53.

REM Surface Engineering [Class D]

2107 Longwood Dr., Brenham, TX 77833 USA
(979) 277-9703
sales@remchem.com

Aerospace components operate in severe conditions where stakes are high and as a result, part failure is not an option. Manufacturing these components is both complex and costly, and as such, there is a demand for decreasing friction and wear, reducing noise and vibration, increasing power density, and extending mean time between maintenance. REM Surface Engineering can meet all of these needs. REM's ISF Process creates a smooth, micro-textured surface without any metallurgical risk. The Isotropic Superfinish Process (ISF) is used to produce isotropic, superfinished gears, shafts, bearings and other related drive train components. Resulting finishes of Ra <2 micro inches

are achieved via refinement of the actual metal surfaces. New transmission designs incorporating the ISF process have allowed power density increases of more than 20%. The ISF Process is commercially used in both military and civilian fixed wing and rotary aircraft and has a proven record of reducing wear and increasing part durability. A partial list of REM's aerospace customers include: Pratt & Whitney, Sikorsky, Rolls-Royce, General Electric, and MTU.

REM Surface Engineering, the inventor of the ISF Process, is a global supplier of surface engineering products and services. REM is AS9100 certified. Key corporate personnel include: Mark Michaud, President; Michael Frechette, Director of Sales; Lane Winkelmann, Director of Services; and Gary Sroka, Director of Research & Development. For more information please visit www.remchem.com or contact the company at inquiries@remchem.com.

Research and Engineering Development, Inc. [Class E]

www.red-inc.us

48015-1 Pine Hill Run Road, Lexington Park, MD 20653 USA
(301) 737-4361
Karen.Garner@RED-INC.us

RED-INC performs engineering services specializing in Human Systems Integration (HSI). The company is the lead HSI support for Navy/Marine Corps platforms and also provides technical support to the Aircrew Life Support Systems Engineering, Air Life Support Systems Logistics, Warfighter Survivability, Training Systems, and Common Avionics programs. The company encompasses manpower, personnel, training, human engineering, survivability, systems safety, habitability and occupational health. High end capabilities include: HSI concepts (charter, working group) and applications (SOW, spec, program plan, CDRL) development; mission/task analysis, function allocation, crew workload; simulation software/hardware development; rapid prototyping of cockpit/crew station controls and displays; aircraft lighting/night vision imaging and helmet-mounted display systems; bio-environmental/ physiology; test and evaluation of cockpit/crew stations; air-ship integration (carrier launch and recovery systems, CVN-21 and LCS manning, CIC human engineering). RED-INC has a Seaport-e contract, recognized DCAA accounting system, and top secret facility clearance. The officers are Karen Garner, President and Arthur Weaver, Vice President.

Richard Manufacturing Co., Inc. [Class E]

250 Rock Lane, Milford, CT 06460 USA
(203) 874-3617
jim@rmcoonline.com

Richard Manufacturing Co., Inc. is a precision manufacturer of aircraft parts, components and assemblies. Now in its 45th year of business, RMCO has attained the reputation as a quality supplier of helicopter parts and assemblies for the aircraft industry and U.S. government agencies. Principal Officers include James Steponavich, President.

Robertson Fuel Systems, LLC [Class E]

www.robrietanks.com
800 W Carver Rd., Suite 101, Tempe, AZ 85284 USA
(480) 337-7050

For over 35 years, Robertson Fuel Systems has been the world leader in the design, development and manufacturing of crashworthy, blast and ballistically tolerant, self-sealing primary and auxiliary fuel systems. The company's founder, Dr. S. Harry Robertson, led a team of researchers in the late 1960s and early 1970s that pioneered the development of survivable fuel systems, enhancing survivability through fuel containment while preventing fuel-fed fires. Robertson has designed, tested and qualified over 60 unique fuel systems and produced over 6,000, with millions of in-service hours in all environmental conditions, including extensive combat operations. Robertson's survivable

fuel systems provide the following advantages in saving lives and protecting equipment: self-sealing against ballistic shots up to and including 23mm HEI rounds, multi-hit capability, blast tolerant against IEDs, minimal or no loss of fuel volume, opportunities for weight savings, completely passive, no safety issues, no training impact, minimal logistics impact and proven durability.

Robinson Helicopter Company [Class C]

www.robinsonheli.com
2901 Airport Drive, Torrance, CA 90505 USA
(310) 539-0508

Robinson Helicopter Company produces three of the world's most popular civil helicopters. The two-seat R22 was certified in 1979 and soon became the top-selling helicopter worldwide. It performs a variety of missions, including flight training, traffic watch, cattle herding, aerial photography, law enforcement, and private and business transportation. It boasts the lowest acquisition and estimated direct operating costs of any helicopter. The four-seat R44, certified in 1992, now outsells the R22 as the world's most popular helicopter. Design-optimized for speed, reliability and low maintenance, it is ideal for private, business, and utility missions, including air taxi, sightseeing, photography, news reporting and law enforcement. The five-place R66 Turbine was certified in 2010 and is designed to outperform its competitors, for a lot less money. Robinson employs 1,300 people and has delivered over 10,400 helicopters. Kurt Robinson is President; Tim Goetz, General Consul; and Terry Hane is Director of Sales and Marketing.

Rockwell Collins [Class C]

www.rockwellcollins.com
400 Collins Road NE, Cedar Rapids, IA 52498 USA
(800) 321-2223 or (319) 295-5100

Rockwell Collins provides design, production and support of aviation electronics and communications for government and commercial customers worldwide. The product portfolio includes avionics, communications, navigation, displays, information management and integrated systems for airborne, ground and shipboard applications. Customers include original equipment manufacturers of commercial aircraft, commercial airlines and business aircraft operators as well as the U.S. Department of Defense, foreign militaries, government agencies and manufacturers of military aircraft and helicopters. The company's rotary wing avionics and flight deck solutions are installed on civil and military helicopters from all the major western helicopter manufacturers including Boeing, Sikorsky, Bell Helicopter, Eurocopter and AgustaWestland. Unique to Rockwell Collins is the ability to leverage technologies across its commercial and military market segments to provide open systems and commercial-off-the-shelf technology solutions to customers. This strategic approach benefits Rockwell Collins customers through increased flexibility, reduced total lifecycle costs and lower costs for technology insertion and supportability.

Rolls-Royce [Class A]

www.rolls-royce.com
P.O. Box 420, Indianapolis, IN 46206 USA
(317) 230-2000

Rolls-Royce, the world-leading provider of power systems and services for use on land, at sea and in the air, operates in four global markets – civil aerospace, defense aerospace, marine and energy. The company now has 54,000 gas turbines in service worldwide and they generate a demand for high-value services throughout their operational lives.

Rolls-Royce offers the industry's broadest and most technically advanced turboshaft product line, ranging from 300 to 7,300 shp. Model 250 engines power approximately one-half of all light helicopters worldwide – with over 30,000 engines delivered and over 200 million flight hours. The new Model 300 powers the Robinson R66 with 300 shp.

Powering the V-22 Osprey is the largest Rolls-Royce turboshaft, the AE 1107C-Liberty; it is part of Rolls-Royce's common core family, which includes the AE 3007 turbofan and the AE 2100 turboprop. Rolls-Royce is also a team member on the F-35 Lightning II Joint Strike Fighter, providing all vertical lift components for the short takeoff and vertical landing (STOVL) variant, including the LiftFan.

Rolls-Royce also partners with Honeywell on the LHTEC T800, with MTU and Turbomeca on the MTR390 engine, and with Turbomeca on the RTM322.

As the world leader in vertical lift technology, Rolls-Royce continues to spearhead the development of both leading edge technology and comprehensive operator support.

Rolls-Royce in Indianapolis is led by Patricia O'Connell, President of Customer Business North America. She is supported by Greg Fedele, Vice President, Customer Business, Helicopters and Matt Haugk, Vice President, Customer Business, Sales, Marketing and Customer Business Operations.

The Rotary Wing Society of India [Class E]

www.rwsi.org
M-143, Sector 25, NOIDA - 201 301 India
(91) 120-435-2010
rotorindia@hotmail.com

The Rotary Wing Society of India (RWSI) is a not-for-profit professional society based in Noida (just outside of Delhi). The organization was founded on June 18, 1998 to promote the growth of the civil and military helicopter industry in India. RWSI is dedicated to the promotion of the helicopter as a safe and effective mode of commerce and development of the civil helicopter industry. The organization has three regional chapters in Mumbai, Delhi and Bangalore. The founder and president of RWSI is retired Air Vice Marshal K. Sridharan.

Safran USA [Class B]

www.safran-na.com
2300 Clarendon Blvd., Suite 607, Arlington, VA 22201 USA
(703) 351-9898

Safran USA is a wholly-owned subsidiary of the Safran group and coordinates Safran Groups operations in the United States. With more than 6,500 employees working for 31 companies in 22 States, Safran USA is a force to be reckoned with in the United States.

Since its entrance into the United States market in 1974, Safran USA subsidiaries include well-known companies such as Labinal, Messier-Bugatti, Sagem Avionics, Snecma, Morpho, and Turbomeca, among many others. Manufacturing everything from the CFM56 engine for commercial aircraft and turboshaft engines for military helicopters to driver's licenses and biometric scanners, Safran USA provides a wide range of services and products to both the public and private sectors.

Safran is a leading international high-technology group and a Tier-1 supplier of systems and equipment for aerospace, defense and security. Operating worldwide, the Safran group has close to 60,000 employees and generated sales of more than \$16B in 2011. Working alone or in partnership, Safran holds world or European leadership positions in its core markets.

SAIC [Class D]

www.saic.com
6725 Odyssey Drive, Huntsville, AL 35806 USA
(256) 971-6400

SAIC is a FORTUNE 500 scientific, engineering and technology applications company that uses its deep domain knowledge to solve problems of vital importance to the nation and the world. The company's 45,000 employees serve customers in the U.S. Department of Defense, the intelligence community, the Department of Homeland Security, other U.S. government civil agencies and selected commercial markets. Headquartered in

McLean, VA, SAIC had annual 2011 fiscal revenues of \$10.6B. The Systems & Technology Solutions Business Unit (STS BU), based in Huntsville, consists of a diverse array of technologists and software development professionals supporting Army, NASA, DIA, Air Force and other government and commercial customers across the U.S. The business unit's growth has been through a strategic focus on expanding its relationship with the Army customer and progressive engagement business development. Systems Engineering and Integration, Software Development and Systems Simulation are significant core competencies of the business unit.

Sentient Corporation [Class D]

www.sentientscience.com
850 Energy Drive, Suite 307, Idaho Falls, ID 83401 USA
(208) 522-8560

Sentient Science is a software and sensor company based in Niagara Falls, NY and Idaho Falls, ID. Since being founded in 2001, it has distinguished itself by building a family of system engineering solutions with the mandate to replace physical testing and sensor calibration of materials, components and assemblies. This core technology, called DigitalClone, can determine the future loads, life & performance of a helicopter gearbox, engine or pump without physical testing, including the effect of changes in manufacturing surface treatments, including oil, superfinish, coatings, texturing, heat-treat and peening. This capability was developed with over \$20M in competitively won Small Business Innovative Research (SBIR) from the DoD (Army, Navy, Air Force), DOE, NASA, NYSERDA and NSF. The DigitalClone technology was validated in 2010 by NASA Glenn to provide a clear, hard dollar cost savings to clients for half the cost, half the time, and increased accuracy compared to physical testing.

Shell Aircraft [Class E]

www.shell.com
Fornebubaan 25, 3045 AV, Rotterdam, The Netherlands
(31) 10-298-4600

As part of the world's biggest company, the Shell Aircraft International (SAI) Advisory Service comprises a small team of highly skilled aviation professionals supporting a team of globally dispersed Aviation Focal Points embedded within the businesses. The Advisory Service establishes Shell group standards for aircraft and helicopter operations, provides advice to the businesses on implementing those standards, and assesses compliance with the standards. SAI advises 35 Shell operating units in 30 countries and audits up to 100 aircraft and helicopter operators on their behalf. This results in substantial financial savings and major improvements in safety and quality. Performed assessments and audits are focused on operators in the oil and gas industry, with emphasis on aerial pipeline inspections, on- and off-shore platform inspections, aerodromes, helicopter and airplane operators, and geophysical surveying. Approximate annual exposure of 85,000 flying hours is 85% helicopter operations, 10% airplane operations and 5% residual exposure.

Sikorsky Aircraft Corp. [Class A]

www.sikorsky.com
6900 Main Street, Stratford, CT 06601-1381 USA
(203) 386-4000

Sikorsky Aircraft Corporation is a leading aviation company providing world-wide solutions in the design, manufacture and service of military and commercial helicopters.

Sikorsky Global Helicopters (SGH) develops and produces civil certified helicopters and their derivatives, including the S-76, S-92 and H-92 helicopters, as well as the S-300C, S-300 CBi, S-333 and S-434 light helicopters.

Sikorsky Military Systems (SMS) develops and produces military aircraft for the U.S. government and international military

customers, including the H-60 line of helicopters, the H-53 line of heavy lift helicopters, the VH-3D and VH-60N helicopters for the presidential fleet, and fixed wing reconnaissance aircraft.

PZL Mielec, a Sikorsky company in Poland, develops and produces fixed wing aircraft, including the M28 transport aircraft and M18 agricultural aircraft. PZL Mielec also produces the S-70i BLACK HAWK helicopter for the international marketplace and manufactures cabins for the UH-60M Black Hawk helicopter.

Sikorsky Aerospace Services (SAS) provides world class advanced logistics and supply chain solutions for commercial rotary, military rotary and fixed wing customers around the globe.

Sikorsky Innovations develops innovative technology solutions to the toughest problems in vertical flight. Its achievements include the X2 demonstrator aircraft, which recently achieved an unofficial world speed record when it attained a speed of 250 knots true air speed (463 km/hr) in level flight.

Sikorsky Aircraft is headquartered in Stratford, Connecticut, USA, and operates major facilities in Alabama, Florida, New York, Pennsylvania, Texas, Wisconsin, and in Poland. The company employs approximately 17,000 people and is a subsidiary of United Technologies Corp.

Singapore Technologies Aerospace, Ltd. [Class D]

www.staero.aero
540 Airport Road, Paya Lebar, Singapore 539938
(65) 6287-1111

ST Aerospace specializes in a spectrum of aerospace maintenance and engineering services for a wide range of military and commercial aircraft through its two operational divisions – Aircraft Maintenance & Modification (AMM) and Component & Engine Total Support (CETS). The world's leading third party aircraft MRO facility in Asia Pacific, ST Aerospace has more than 6,000 employees worldwide. ST Aerospace is an approved service center for Bell, Eurocopter, Sikorsky and AgustaWestland helicopters. Through its one-stop Helicopter Service Center, ST Aerospace provides services for a wide range of helicopters, including major airframe structural repairs and maintenance, overhaul and repair of helicopter engines, overhaul and modification of rotor blades, and ferry flight services. ST Aerospace partnered with Eurocopter and CATIC of China in the design and development of the EC120 Colibri. Key personnel include Tay Kok Khiang, President; Ho Yuen Sang, Deputy President/COO; and Jeremy Chan, Deputy President, Marketing & Total Aviation Support.

SKF Aerospace Sealing Solutions [Class D]

www.skf.com
900 North State Street, Elgin, Illinois 60123 USA
(847) 742-7840

SKF Aerospace Sealing Solutions (formerly Chicago Rawhide) is an acknowledged leader in the design and manufacture of engineered elastomeric products, including dynamic sealing devices and load carrying and motion-attenuating bearings. Elastomer products include shaft seals, boots, isolators, dampers and elastomeric bearings for use on helicopters and fixed-wing aircraft. As a supplier to the helicopter industry, SKF furnishes main and tail rotor bearings, pylon isolation components, lead-lag dampers, landing gear dampers, engine shaft gimbals and airframe structural isolators. Key personnel include Jeff George, VP and General Manager, SKF Aerospace Sealing Solutions; Joseph Soto, Director of Sales; and Loren D. Bishop, AHS contact.

SPX Precision Components [Class B]

www.spxprecision.com

(Headquarters)
300 Fenn Road, Newington, CT 06111 USA
(860) 666-2471

70 Raynor Avenue, Ronkonkoma, NY 11779 USA
(631) 467-2632

When the aerospace industry purchases safety, precision, and quality parts and components, it looks to SPX Precision Components, a long-time supplier of Critical Safety Items (CSI) for military prime contractors and civilian aircraft programs. SPX Precision Components has grown to meet increased customer needs with a family of precision machining operations dedicated to production for the demanding aerospace industry. Core competencies include rotorhead assemblies, tail and main rotor components, pylon bracket assemblies, leading edge ribs, mechanical assemblies, and overhaul and repair for the aerospace industry. Engineers and machinists use state-of-the-art computer systems and cellularized CNC equipment to produce the highest quality components, including complex 5-axis parts and flight safety products. All operations are AS 9100 and ISO 9001:2000 registered. SPX Precision Components' Connecticut and Long Island facilities comprise 250,000 square feet of manufacturing space. The company is equipped to fulfill the stringent and unique requirements of the aviation industry.

SURVICE Engineering Company [Class D]

www.survice.com
4965 Millennium Drive, Belcamp, MD 21017 USA
(410) 273-7722

A nationally recognized specialist in combat system survivability, weapon system effectiveness and system safety, SURVICE is a small business that has been providing DoD and industry customers with high-quality analytical products and services for more than 25 years. Founded with a goal of diagnosing causes of aircraft combat losses and finding practical engineering solutions, the company has saved countless lives and aircraft, and laid the foundation for the modern survivability discipline. Now, employing more than 250 people in nine locations nationwide, SURVICE provides products and services that not only support industry and military aircraft, but all areas of combat system safety, survivability, and effectiveness. SURVICE's core capabilities include studies and analysis, testing and evaluation, modeling and simulation, information technologies, as well as a comprehensive suite of engineering capabilities and services. The company's key corporate personnel include Jim Foulk, Chief Executive Officer; Nancy Foulk, Corporate Administrator; and Jeff Foulk, President.

Systems, Studies & Simulation, Inc. [Class D]

www.s3inc.com

(Main Office)
615 Discovery Dr., Huntsville, AL 35806 USA
(256) 539-1700

1225 South Clark St., Suite 412, Arlington, VA 22202 USA
(703) 414-5456

1711 E. Central Texas Expressway, Ste 311,
Killeen, TX 76541 USA
(254) 501-7310

S3 is a women-owned small business headquartered in Huntsville, AL, with field offices in Washington, DC; Ft. Campbell, KY; Ft. Lee, VA; Ft. Leavenworth, KA; Ft. Stewart, GA; Ft. Hood, TX; Ft. Monroe, VA; Marana, AZ; Robins AFB, GA; WAATS, EAATS, and Illenheim, Germany. S3 provides quality technical data and project management services to DoD and NASA. A broad range of capabilities is included in the company's five core business units: aviation and missile training and sustainment; SETA services acquisition, systems engineering, logistics test and evaluation; integrated information technology; strategic planning; and research and development. The company's major customers include Army PEOs, 21st Cavalry Brigade, the Pentagon, JFCOM,

LOGSA, MDA, TRADOC, AMCOM, SMDC, Army National Guard Headquarters, Arizona National Guard, Robins Air Force Base, and NASA Marshall Space Flight Center. The company's many qualifications and broad experience makes it a unique company in support of Army Aviation, NASA and DoD.

Technical Data Analysis, Inc. [Class D]

www.tda-i.com

(Main Office)
3190 Fairview Park Dr., Ste. 650, Falls Church, VA, 20148 USA
(703) 237-1300

22289 Exploration Drive, Ste. 304, Lexington Park, MD 20653

3750 Palladian Village Drive, Ste. 400, Marietta, GA 30066

Technical Data Analysis (TDA) is an engineering and software development consulting firm that provides engineering expertise and customized software solutions in the fields of aeronautical and mechanical engineering, statistical data analysis, and web-based software development. TDA specializes in providing top notch rotary wing aircraft structures engineering support to the US Navy, Marine Corps and FAA. Rotary wing platforms supported include the V-22, H-60, VH-3, CH-53E, CH-53K and H-1. The company's engineering expertise encompasses: establishing rotary wing fatigue methodology; developing rotary wing structural monitoring systems; developing regime recognition algorithms from available HUMS data; providing subject matter experts in the area of fatigue and strength of rotary wing aircraft; developing innovative ways to predict stresses on the rotating components with minimal sensors; developing a state-of-art next generation dynamic component tracking system; and designing and developing the software for a web-based rotary wing aircraft structural usage monitoring and tracking system.

Telephonics Corporation [Class D]

www.telephonics.com
815 Broad Hollow Road, Farmingdale, New York 11735 USA
(631) 755-7000

Telephonics Corporation is a worldwide leader in integrated information and communication systems technology for aerospace, defense and commercial markets. A subsidiary of Griffon Corporation, Telephonics' high-tech engineering capabilities provide integrated information and communication systems solutions, organized into three operating divisions: Communication and Electronic Systems, specializing in aircraft intercommunications, wireless and audio products, air traffic management systems, landing and guidance systems, homeland security, and custom application specific integrated circuits for military and commercial applications; Radar Systems, specializing in maritime surveillance radars and identification friend or foe interrogators; and the Systems Engineering Group, provider of air and missile defense threat analysis, combat systems engineering and analysis, and radar systems engineering and software development. Telephonics' advanced technology and superior product quality has resulted in an excellent reputation with companies such as AgustaWestland, BAE Systems, Boeing, EADS CASA, Lockheed Martin, Northrop Grumman, Saab and Sikorsky, as well as all U.S. and foreign military services.

Triumph Aerospace Systems Newport News [Class D]

703 Middle Ground Blvd., Newport News, VA 23606 USA
(757) 873-1344

Triumph Aerospace Systems is an industry leader in the engineering and manufacture of complex aerospace hardware and prototype systems for ground test and flight applications. The company has five primary business areas: Aerospace Systems with prototype and test hardware (rotary wing aircraft, fixed wing aircraft, missiles); Force Measurement Systems (design and

fabrication of precision wind tunnel balances); Propulsion Systems with test rigs and components (fans, compressors, turbines); Marine Systems (wide variety of prototype hardware); and Field Services (technical and management services to NASA and DoD). Triumph is a world leader in wind tunnel VTOL systems, including rotor test, control, and data acquisition and processing systems. Triumph also specializes in the design and manufacture of composite components, such as rotor blades and aircraft structures, and precision-machined metal components. Officials include William Jacobson, President; Steve Long, VP Operations; Stephanie Mumford, VP Contracts & Administration; and John Anderson, VP Strategy & Business Development.

Urban Aeronautics, Ltd. [Class E]

www.urbanaero.com
 10 Nahal Snir Street, P.O.Box 13137, Yavne 81224 Israel
 (972) 8-943-3640
 (972) 54-444-6993

Urban Aeronautics, Ltd. is developing a family of manned and unmanned internal rotor aircraft, known as Fancraft, that are designed to fly in urban and constricted airspace. UrbanAero's proprietary technologies fundamentally transform the aerodynamic and handling qualities of ducted-fan aircraft and substantially eliminate the historical shortcomings of ducted fan designs, such as drag and control issues. As a result, these aircraft are able to achieve air speeds, range, gust resistance and maneuverability – including six degrees of freedom uncoupled motion – that are unmatched by any existing ducted fan design. UrbanAero has been flying two 1.6 m, electrically-powered Panda variants since 2007, and began flight testing of its single turboshaft engine powered, 1,000 lb payload MULE in October 2009. MULE is designed as an Unmanned Cargo and CasEvac solution that is also easily reconfigured as a manned aircraft. Additional variants include the X-Hawk, a dual-engine troop carrier with a 12 passenger capacity.

UTC Aerospace Systems [Class B]

www.utcaerospacesystems.com
 Four Coliseum Centre, 2730 West Tyvola Rd., Charlotte, NC 28217-4578 USA
 (704) 423-7000

UTC Aerospace Systems combines two industry leaders – Hamilton Sundstrand and Goodrich Corporation. UTC Aerospace Systems is one of the world's largest suppliers of technologically advanced aerospace and defense products. The company designs, manufactures and services systems and components, and provides integrated solutions for commercial, regional, business and military aircraft, helicopters and other platforms.

UTC Aerospace Systems offers reliable, convenient and cost-effective aftermarket and support services across the globe through a worldwide network of MRO facilities. The firm's comprehensive array of systems, components and support agreements are integrated and customized to help operators achieve optimal aircraft utilization. They have 64 MRO and service facilities in 26 countries dedicated to providing parts and services to customers 24/7/365.

The company's customers include original equipment manufacturers (OEMs) that build aircraft and helicopters, engine manufacturers, and airlines, as well as defense agencies and contractors. UTC Aerospace Systems' commitment is to help them develop and maintain safer, lighter, more reliable and more efficient aircraft and other platforms.

The company employs more than 40,000 people worldwide with approximate annual sales of \$13 billion.

Wyle [Class D]

www.wyle.com
 1960 East Grand Ave., Suite 900, El Segundo, CA 90245 USA
 (301) 563-6800

As one of the nation's leading providers of specialized engineering, scientific, and technical services to the Department of Defense, NASA, and a variety of commercial customers, Wyle Laboratories serves its customers in the areas of test and evaluation; systems engineering and information technology; life cycle and acquisition program management; life sciences research; space medical operations and engineering; and qualification testing for natural and induced environments. The company is headquartered in El Segundo, CA and employs approximately 3,800 employees at more than 40 facilities nationwide. Wyle comprises three operating entities: Aerospace Group, Information Systems Group, and Integrated Science and Engineering Group. The company's lines of business include helicopter flight testing, rotary wing test pilot training, rotary wing program management support, and helicopter simulator/trainer evaluations, providing these services to its rotary wing military customers principally at the Naval Air Warfare Center Aircraft Division (NAWCAD), Patuxent River, Maryland and at Fort Rucker, Alabama.

Not listed? Become a corporate member today!

www.vtol.org/corporate

What makes joining the Society as a corporate member a valuable experience?

- You support AHS's initiatives in education, safety, advocacy and advancing the state-of-the-art of vertical flight technology.
- Interaction with the leading specialists in vertical flight through participation on the Society's technical committees.
- Support on technical issues before the FAA, NASA, DoD and their international counterparts.
- Discounts for exhibiting at the Annual Forum and advertising in *Vertiflite* magazine.
- Subscriptions to *Vertiflite* and the *Journal of the American Helicopter Society*.
- A complimentary CD version of the AHS Annual Forum Proceedings that includes more than 200 cutting-edge technical papers.
- A comprehensive listing and access to the AHS Online Membership Directory that profiles all of our corporate and individual members.
- Priority coverage in our publications of your company's products, services and personnel.
- Your company's description online and in *Vertiflite*.
- A number of complimentary members (based on membership class).

We invite you to join the prestigious ranks of AHS corporate membership in the only Society dedicated to the advancement of vertical flight. Contact Liz Malleck, Director of Membership at 703-684-6777 x107 or lmalleck@vtol.org.