AHS International – The Vertical Flight Technical Society has more than 70 corporate members worldwide representing all facets of the vertical flight industry. As AHS corporate members, leading companies ensure that their organizations are kept up-to-date on the latest research, engineering and technology developments within the rotorcraft and VSTOL segments of the industry. Membership and participation in Society meetings such as the AHS Annual Forum and Technology Display and technical specialists’ meetings provide unique opportunities to learn about current design and manufacturing developments and to network with the top industry leaders worldwide. Corporate member benefits and costs vary according to the class of membership. Membership classification is based on annual gross revenues from vertical flight activities.

<table>
<thead>
<tr>
<th>Class</th>
<th>Revenues</th>
<th>Annual Dues</th>
<th>Number of Representatives</th>
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</thead>
<tbody>
<tr>
<td>Platinum</td>
<td>Greater than $100 million</td>
<td>$23,500</td>
<td>150 representatives</td>
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<tr>
<td>Gold</td>
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<td>$18,500</td>
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<td>30 representatives</td>
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<td>C</td>
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<td>$2,950</td>
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<td>D</td>
<td>$1 million to $10 million</td>
<td>$1,250</td>
<td>15 representatives</td>
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<tr>
<td>E</td>
<td>Less than $1 million</td>
<td>$500</td>
<td>10 representatives</td>
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Bell Helicopter Textron, Inc. Platinum
Sikorsky Aircraft Corporation Platinum
GE Aviation Gold
AgustaWestland A
American Eurocopter A
The Boeing Company A
Eurocopter A
Hindustan Aeronautics Ltd., Rotary Wing Research Centre A
Honeywell A
Lockheed Martin Corporation A
Pratt & Whitney Canada A
Rolls-Royce Corporation A
AgustaWestland SPA B
Aurora Flight Sciences B
Lord Corporation B
SAFRAN USA B
SPX Precision Components B
UTC Aerospace B
Applied Composites Engineering C
Barry Controls Aerospace C
Carson Helicopters, Inc. C
CMC Electronics Inc. C
Eaton Aerospace C
Fuji Heavy Industries C
Kawasaki Heavy Industries Ltd. C
MDS Coating Technologies Corp. C
Mitsubishi Heavy Industries C
Moog Inc. C
Robinson Helicopter Co. C
Rockwell Collins C
Breeze-Eastern D
C.I.R.A. D
Camber Corporation D
FlightSafety International D
Kamov Company D
Karem Aircraft, Inc. D
Mil-Com Aerospace Group D
Piasecki Aircraft Corporation D
QinetiQ North America D
REM Surface Engineering D
SAIC D
Sentient Corporation D
Singapore Technologies Aerospace D
SKF Aerospace D
Survice Engineering Co. D
System Studies & Simulation D
Telephonics Corporation D
Triumph Group D
Wyle D
Advanced Rotorcraft Technology, Inc. D
AeroGear Inc. D
Amarillo Economic Development Corp. D
Australian Army Aviation Systems Prog. Office D
AVX Aircraft Company D
Carter Aviation Technologies, LLC D
CD-Adapco D
Cobham Life Support E
Continuum Dynamics, Inc. E
Curtiss-Wright Controls Defense Solutions E
Eagle Aviation Technologies, Inc. E
Groen Brothers Aviation, Inc. E
Headquarters, Fleet Air Arm E
HeliValue$, Inc. E
Mareno Swisshelicopter AG E
Marvel Manufacturing Co. E
MSC Software E
Optical Air Data Systems, LLC E
The Patuxent Partnership E
Polish Institute of Aviation E
QinetiQ Australia E
QuesTek Innovations, LLC E
Robertson Fuel Systems, LLC E
Rotary Wing Society of India E
Shell Aircraft Limited E
Strategic Alignment Global, Inc. E
Technical Data Analysis, Inc. E
U.S. Naval Safety Center E
Urban Aeronautics Ltd. E
Advanced Rotorcraft Technology, Inc. [Class E]
www.flighlab.com
635 Vaqueros Ave., Sunnyvale, CA 94085 USA
+1-408-523-5100

AGV 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. AGV’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
+1-860-688-0888

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. 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 AS9100 Rev C and ISO 9001:2008 certified, and Nadcap certified for heat treat, temper etch and magnetic penetrant inspection. Doug Rose is President and Lee Welch is Director of Sales and 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 centers and authorized service centers.

AgustaWestland (US and UK) [Class A]
www.agustawestland.com

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

AgustaWestland North America
2345 Crystal Drive, Suite 906, Arlington, VA 22202 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, govern-ment 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, and environmentally friendly flight paths. AgustaWestland is also studying tiltrotor and tilting 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.

Amarillo Economic Development Corporation [Class E]
www.amarilloedc.com
801 S. Fillmore, Suite 205, Amarillo, TX 79101 USA
+1-806-379-6411

The Amarillo Economic Development Corporation leads the city of Amarillo’s economic development efforts. The Amarillo EDC is particularly focused on assisting businesses whose average wage rate is equal to, or greater than, the average for primary businesses in the local labor market.

American Eurocopter [Class A]
www.eurocopterusa.com
2701 N Forum Drive, Grand Prairie, TX 75052 USA
+1-972-641-0000

American Eurocopter is the leading supplier of turbine helicopters in the U.S. civil market 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 U.S., serving all markets and missions. Company headquarters and principal customer support facilities are located in Grand Prairie, Texas with a large manufacturing and production facility in Columbus, Mississippi that produces the UH-72A Lakota for the Army’s Light Utility Helicopter program.

Applied Composites Engineering [Class C]
www.appliedcomposites.com
705 South Girls School Rd., Indianapolis, IN 46231 USA
+1-317-243-4225

ACE is a premier supplier of aviation and aerospace products and services. ACE specializes in advanced composite design, tooling and manufacture. Engineering design services include composite structural design, finite element analysis, reverse engineering, material testing, and rapid prototyping. Laser trackers, large diameter autoclaves to 6.5 ft, and 5-axis CNCs (27.5 ft x 13.5 ft x 6.5 ft with +/-0.005 inch accuracy) highlight manufacturing capabilities. ACE is currently certified to AS9100C and planned Nadcap Composites certification in November 2013. ACE structures repair division is focused on major and minor composite repair and overhauls with supporting metal fabrication capabilities for commercial, regional and business aircraft. Repair development for legacy components and obsolete designs round out the MRO division capabilities. Our in-house division repairs and overhauls, which include full composite replacement, in-house transmissivity testing/anechoic chamber, and exchange units. ACE’s 7 day/week operation is complemented by on-wing support.
Aurora Flight Sciences [Class B]
www.aurora.aero
9950 Wakeman Drive, Manassas, VA 20110 USA
+1-703-396-3633

Aurora Flight Sciences is an OEM developer of VTOL UAV systems and Tier 1 supplier of airframe structures and element systems to the rotorcraft industry in over its 25 year history. Aurora has developed vertical lift configurations and technologies, flying three unique ducted fan VTOL UAVs in the GoldenEye family; the hybrid propulsion Excalibur tactical UCAV demonstrator; and leading development of VTOL autonomy under the ONR AACS program. Aurora has engineering expertise in: air vehicle design, aerodynamics, software and autonomy, propulsion, structures, systems, materials and processes, and manufacturing. Aurora is an industry expert in composite airframes, performing design-build, and build-to-print efforts on development and production programs. We deliver production airframe structures and assemblies on the Sikorsky H-60, S-92, H-92, CH-53K, and S-97. Our delivered products include: primary and secondary airframe structures including cockpits, canopies, cabins, tailcones, main rotor pylons, engine firewalls, empannage assemblies, and secondary doors, panels, and fairings. Aurora has facilities in Virginia, Massachusetts, West Virginia and Mississippi.

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/NSZ ISO 9001 certification. Primary engineering responsibilities include design (modifications, nonstandard 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, repuply, 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
6310 Southwest Blvd., Suite 106, Benbrook, Texas 76109 USA
+1-817-731-8003

Founded in 2005, AVX Aircraft Company headquarters and engineering offices are located in Benbrook, Texas, south of Fort Worth. 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 incorporate leap-ahead rotorcraft technology utilizing coaxial, counter-rotating rotors and rear, laterally displaced ducted fans. The AVX unique and cost-effective horizontally integrated assembly/manufacturing strategy enables AVX to control costs from a pricing, manufacturing and development standpoint thus providing customers the lowest cost option. AVX is one of three companies recently selected by the U.S. Army for further development of its Future Vertical Lift aircraft design.

Bell Helicopter Textron Inc [Platinum Class]
www.bellhelicopter.com
P.O. Box 482, Fort Worth, TX 76101 USA
+1-817-280-2011

Bell Helicopter, a Textron Company, 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 aviation history with the world’s first helicopter certified for commercial use – the Bell 47. Since then, Bell Helicopter has built more than 35,000 helicopters and continues to expand the scope of vertical lift.

Bell Helicopter produces a wide variety of commercial and executive aircraft, including the new Bell 525 Relentless, the Bell SLS, the Bell 429, Bell 412, Bell 407 and Bell 206L4. Bell’s military programs include the AH-1Z, UH-1Y, OH-58D and the V-22 Osprey tiltrotor.

Topping the charts in Rotor & Wing’s OEM Excellence Ratings, voted “No. 1 in Customer Support” for 19 years in a row by readers of Professional Pilot magazine, and eight consecutive years by the readers of Aviation International News, Bell Helicopter is a brand recognized globally for its world-class customer service, superior quality and innovation. Bell Helicopter’s service business supports more than 13,000 commercial and military aircraft in more than 120 countries.

Headquartered in Fort Worth, Texas, Bell Helicopter has additional plants in Amarillo, Texas and Mirabel, Canada, and maintains key logistics supply and service centers and facilities in Canada, the Czech Republic, India, the Netherlands and Singapore with additional maintenance, repair, overhaul and other service facilities throughout the world. Bell Helicopter’s President and CEO is John Garrison and Dr. Cathy Ferrie is the Senior Vice President of Engineering.

The Boeing Company [Class A]
www.boeing.com
P.O. Box 16858, Philadelphia, PA 19142 USA
+1-610-591-2121
5000 E. McDowell Road, S10/A387, Mesa, AZ 85215 USA
+1-602-891-3000


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

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

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Breeze-Eastern [Class D]
www.breeze-eastern.com
700 Liberty Avenue, Union, NJ 07083 USA
+1-908-686-4000

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, airborn 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
+1-256-922-0200

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 the 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
+1-215-249-3535

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; gear boxes, rotor heads and engines; repair of all fiberglass and cowling; 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.

Carter Aviation Technologies, LLC [Class E]
www.cartercicopters.com
2730 Commerce St., Suite 600, Wichita Falls, TX 76301 USA
+1-940-691-0819

Carter Aviation Technologies, LLC is an aerospace research and development firm that has developed and demonstrated its Slowed Rotor/Compound (SR/C™) Technology. SR/C Technology couples the speed, range and efficiency of an airplane with the VTOL capability of a helicopter and, with its extremely high inertia rotor, unparalleled autorotation safety. SR/C Technology represents the simple yet elegant hybridization of airplanes and rotocraft through remarkable innovations in engineering design.

SR/C aircraft are essentially fixed-wing aircraft that utilize a very simple rotor as an extremely efficient high-lift device for vertical through intermediate-speed flight. During high-speed flight, the rotor is made to disappear from a drag standpoint by slowing it down. The extraordinary performance capabilities of SR/C Technology were first demonstrated by the CarterCopter Technology Demonstrator (1998 – 2005) and are currently being demonstrated by the 4-Place Personal Air Vehicle Proof-of-Concept demonstrator. Efficiencies three times better than helicopters have been achieved.

CD-Adapco [Class E]
www.cd-adapco.com
60 Broadhollow Rd., Melville, NY 11747 USA
+1-631-549-2300

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 multiphysics 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 E]
www.continuum-dynamics.com
34 Lexington Ave., Ewing, NJ 08618-2302 USA
+1-609-538-0444

Since 1979, CDI has been providing high quality research and development, licensable computer software, and analysis services to government and industry for 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; stores separation modeling; and dynamic interface. CDI has two primary software suites for analyzing rotorcraft: the CHARM family of Eulerian CFD-based solvers. CHARM is also available as a module for piloted flight simulations and trainers for high fidelity real-time aerodynamic modeling. CDI also offers analysis and design services that employ both proprietary software and industry-standard tools such as FUN3D, OVERFLOW and ANSYS. Key personnel include Dr. Todd R. Quackenbush, Dr. Robert M. McMillip, Mr. Daniel Wachspress, Dr. Jeffrey D. Keller, Dr. Glen R. Whitehouse, and Dr. Ke “Michael” Yu.
Curtiss-Wright Controls Defense Solutions – VDS
www.cwcdefense.com/skyquest
Cambridge House, No. 2 Focus Four, Fourth Ave
Letchworth Garden City, Herts, SG6 2TU United Kingdom +44 (0) 1494 476000

Curtiss-Wright Controls Defense Solutions – VDS provides industry leading video display, distribution, recording, management and transmitting technology for airborne surveillance aircraft. Customers typically include police, customs, coast guard, border patrol, military, search & rescue, air ambulance and government agencies. The video management system enables pilots and observers to independently select, view, and record images using their Curtiss-Wright Skyquest displays, with no signal loss, from multiple camera and sensors. Skyquest displays are designed for use with FLIR and long range daylight video cameras, moving maps, computers and radar. With leading edge functionality, Skyquest displays include HD compatibility, multiple video inputs, VGA inputs, picture-in-picture, video freeze frame, digital zoom and touch screens.

Eaton Aerospace – Electrical Sensing & Controls Division [Class C]
www.aerospace.eaton.com
24 E. Glenolden Avenue, Glenolden, PA 19036 USA

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, filter 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, Canada H4M 2S9 +1-514-748-3148

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 Franco-German-Spanish Eurocopter Group is a division of EADS, a world leader in aerospace and defense-related services. The Eurocopter Group employs approximately 22,000 people. In 2012, Eurocopter confirmed its position as the world’s No. 1 helicopter manufacturer with a turnover of 6.3 billion Euros, orders for 469 new helicopters and a 44% market share in the civil and parapublic sectors. Overall, the Group’s helicopters account for 33% of the worldwide civil and parapublic fleet. Eurocopter’s strong international presence is ensured by its subsidiaries and participation in 21 countries. Eurocopter’s worldwide network of service centers, training facilities, distributors and certified agents supports more than 2,900 customers. There are currently more than 11,780 Eurocopter helicopters in service in 148 countries. Eurocopter offers the most comprehensive civil and military helicopter range in the world and is fully committed to safety as the most important aspect of its business.

FlightSafety International [Class D]
www.flightsafety.com
700 N. 9th Street, Broken Arrow, OK 74012 USA +1-918-259-4000

FlightSafety International Simulation 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 Nidal Sammar, Director of Engineering; Dan Littmann, Manager, Flight Dynamics; and Steve Smith, Senior Staff Engineer.

Fujii Heavy Industries Ltd. [Class C]
www.fhi.co.jp
1-1-11 Yonan Utsunomiya, Tochigi 320-8564 Japan +81-028-684-7531

Fujii Heavy Industries, Ltd. (FHI) is one of the major aircraft manufacturers in Japan. FHI is headquartered in Tokyo and its major facility is located in Utsunomiya-city, Tochigi prefecture. FHI manufactures helicopters, airplanes and UAVs. Since the 1950s, FHI has been involved in the development and production of more than 35 types of aircraft. As a helicopter manufacturer, FHI not only builds it, but also customizes the utility helicopters UH-1H, UH-1J and attack helicopters AH-1S, AH-64D for the Japan Ground Self Defense Force (JGSDF) under license from Bell Helicopter and Boeing. FHI also maintains the helicopters of Japan Coast Guard, National Police Agency and Fire and Disaster Management Agency. FHI manufactures the observation UAV “FO’S” for the JGSDF. This UAV can be remotely piloted or can be flown by programmed command. The President of FHI is Yasuyuki Yoshinaga; the Aerospace Company President is Hisashi Nagano and Vice President is Syouichirou Tozuka.

GE Aircraft Engines [Class A]
www.ge.com/aviation
1000 Western Avenue, Lynn, MA 01910 USA +1-781-594-9465

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 turboshift 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 Seastripe, the AgustaWestland AW101, and the NH Industries NH90.

HELIVALUES, Inc. [Class E]
www.helivalues.com
P.O. Box 575, Wauconda, IL 60084-0575 +1-847-487-8258

Helivalues, Inc., provides in-depth, impartial desktop and onsite appraisals, performed on individual helicopters, fleets, components and
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 after-market 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 also the industry leader in helicopter tracking, text and SAT-com services. Our Sky Connect line of products offer the latest advances in technology for communication, tracking and flight data monitoring for the helicopter community. Honeywell's aerospace business is headquartered in Phoenix, Arizona.

**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
+91-80-231-4349

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 indigenousy 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. 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
+1-800-601-3099 or +1-602-365-3099

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 after-market 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 CT800, 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.

**Hutchinson NA – Barry Controls Aerospace [Class C]**

www.hutchinson-na.com
4510 Vanowen Street, Burbank, CA 91505 USA
(818) 843-1000

European Service Center
40 rue Raymond Grimaud, Blagnac 31700 France
+33-5-61-16-7080
Paulstra Vibraham
61 rue Marius Aupan, Levallois-Perret Cedex 92305 France
+33-1-40-89-5331

Barry Controls Aerospace, a part of Hutchinson NA, 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 static and dynamic complex products designed specifically for use in helicopter rotors and the main transmission gear box suspension systems. Barry Controls Aerospace also offers airframe/door/window seals, thermal/fire retardant/acoustic panels and films, and drive belts for light helicopter/UV applications. Suitable for light, medium and heavy helicopters, 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. Market based field representatives are geographically located to provide responsive cost effective technical and commercial solutions.

**Kamov [Class E]**

www.kamov.ru/en
8 A March 8th Street, Lubersty, Moscow Region, 140007 Russia
+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 UIIC, the parent company. Kamov 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
+1-949-859-4444

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 and the AeroCommuter, vertical takeoff civil transports with maximum passenger capacities of 180 and 90, respectively. Karem Aircraft's tiltrotor designs and rotorcraft technologies encompass a broad range of applications, and are protected by numerous patents.
The KHI Aerospace Company is headquartered in Tokyo and its major facility is located at the Gifu works in Kakamigahara-City. 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. Helicopters produced include the Bell 47 and its Japanese derivative, the KH-4; the Boeing 107 and CH-47; Hughes (MDHI) 369D/OD-6; and the AgustaWestland MCH/CH-101 – all of which are produced under license – as well as the BK 117, which is a joint program with Eurocopter Deutschland. The XOH-1/CH-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 Munenori Ishikawa and Vice President Hirokazu Komaki.

Lockheed Martin [Class A]
www.lockheedmartin.com
300 M Street, Washington DC 20003 USA

Headquartered in Bethesda, Md., Lockheed Martin is a global security and aerospace company that employs about 116,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration, and sustainment of advanced technology systems, products, and services. The Corporation’s net sales for 2012 were $47.2 billion.

LORD Corporation [Class B]
www.lord.com
111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 USA
+1-919-468-5981 or +1-877-ASK-LORD

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 nearly 90 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 2012 revenues in excess of $860 million, LORD has more than 2,900 employees in 25 countries and operates 15 manufacturing facilities and nine R&D centers worldwide. LORD actively promotes STEM education and many other community engagement initiatives where we work and live.

Marvel Manufacturing Company [Class E]
www.marvelmgf.com
40 North 2nd Street, Stroudsburg, PA 18360 USA
+1-570-421-6221

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, Slemmon Park, Prince Edward Island, C0B 2A0 Canada
+1-902-888-3900

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 gas turbine engines are award winning (2007 AHJS Jensen Award, 2013 R&D 100 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 nanotechnology 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.

Mil-Com Aerospace Pte Ltd [Class E]
www.milcomhq.com
11, Changi North Street 1, Level 2, Changi North Ind. Estate, Singapore 498823
+65-6545 4900

Mil-Com Aerospace Private Limited is an aerospace engineering and aircraft maintenance support business and includes outsourcing services to undertake retrofitting, modification, line and base maintenance. Mil-Com has three subsidiaries: Mil-Com Aerospace Training Center (MATC), Mil-Com Xi’an Investment Management Co. Ltd. (Mil-Com Xi’an), and Mil-Com CAUC Aviation Training Center Co. Ltd. (Mil-Com CAUC). MATC is a provider of aerospace training courses such as aircraft type training, basic aviation training and repair and maintenance training for aerospace personnel. MATC is also a provider of manpower and development business in the aviation and hospitality industries, such as cabin crew training. Mil-Com Xi’an is a joint venture company that undertakes the business of providing basic aviation course and cabin crew training to the airline industry in Xi’an, China. Mil-Com CAUC is a joint venture company to provide aircraft type and basic training courses throughout China.

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 aeroengines, missiles and torpedoes. MHI has produced the S-55, S-62 and S-61/HS5-2 (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 MGS 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
+1-716-652-2000

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
4675 MacArthur Court, Suite 900, Newport Beach, CA 92660
+1-714-540-8900

As a trusted partner, MSC Software helps companies improve quality, save time and reduce costs associated with design and test of manufactured products. Our 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 technology is used by leading manufacturers for linear and nonlinear finite element analysis (FEA), acoustics, fluid-structure interaction (FSI), multi-physics, optimization, fatigue and durability, multi-body dynamics, and control systems simulation. MSC pioneered many of the technologies that are now relied upon by industry to analyze and predict stress and strain, vibration & dynamics, fatigue and durability, multi-body dynamics, and control systems simulation. Leading manufacturers for linear and nonlinear finite element analysis.

MSC Software pioneered many of the technologies that are now relied upon by industry to analyze and predict stress and strain, vibration & dynamics, fatigue and durability, multi-body dynamics, and control systems simulation. The 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 1981, NSC has maintained a repository for reports on injuries, occupational illnesses and property damages. 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
+1-703-393-0754

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.

The Patuxent Partnership [Class E]
www.paxpartnership.org
22335 Exploration Dr., Suite 1035, Lexington Park, MD 20653 USA
+1-301-866-1739

The Patuxent Partnership is a non-profit member organization that works with government, industry and academia to advance education through STEM (science, technology, engineering and math) based initiatives; to advance technology through speaker programs, forums and networking; to advance science and technology transfer through the exchange of ideas, information and data related to technologies; and to increase workforce development through an array of initiatives. TPP fosters collaboration among academia, industry and government.

Piasecki Aircraft Corporation [Class D]
www.piasecki.com
519 West Second Street, P.O. Box 360, Essington, PA 19029-0360 USA
+1-610-521-5700

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. Recent accomplishments include: (1) The X-49A Vectored Thrust Ducted Propeller (VTDP) Compound Helicopter demonstrated 47% greater speed at the same power as the baseline SH-60F Sea hawk with a 50% reduction in vibration and fatigue loads. (2) The Turais UAV under the Navy Wing and Bomb Bay Launched Unmanned Air Vehicle effort, completed an unpiloted free flight demonstration. (3) The Army Combat Medic UAV produced the KlearPath autonomous collision avoidance and landing system, successfully demonstrated on a Boeing Unmanned Little Bird. Currently, PiAC, working with Lockheed Martin, has air vehicle development responsibility for the DARPA Transformer Aerial Reconconfigurable Embedded System (TX-ARES). First flight is scheduled for June 2015. The company is AS9100C certified. Fred Piasecki is Chairman/CEO; John Piasecki is President/CEO.

Polish Institute of Aviation [Class E]
www.pi.o.pl
Al. Krakowska 110/114, 02-256 Warsaw Poland
+48-22-846-00-11

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 (P&WC) [Class A]
www.pwc.ca
1000 Marie-Victorin, Longueuil, Quebec J4G 1A1 Canada
+1-450-647-9411

Founded in 1928, Pratt & Whitney Canada (P&WC), based in Longueuil, Quebec, is a global aerospace leader. Backed by a global customer service network, we power the largest fleet of business and regional aircraft and helicopters – over 50,000 engines worldwide. We employ more than 9,000 people around the world. P&WC is a subsidiary of United Technologies Corporation (UTC). In the early 1970s, P&W entered the helicopter market with its first PT6T Twin-Pac® model, establishing a dominant presence in the medium helicopter market. Today, the PW200 engine, available on all light-twin helicopter applications, has become the uncontested market leader in the light-twin helicopter market. P&W also launched the PW210 family of engines, 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 such as the Sikorsky S-76D, the AgustaWestland AW169 and the Eurocopter X4.

P&W’s PT6C engine series includes the PT6C-67C for the AW139, which ensures the best power-to-weight ratio in its engine class, and has one of the lowest emission levels in the industry. Powering the EC175, the PT6C- 67E introduces a dual FADEC control system. The PT6C-67A, powering the AW609 tiltrotor, incorporates technological features that provide the flexibility for the aircraft to take-off and hover while maintaining its ability to fly at altitudes, speeds and distances normally restricted to fixed wing applications. P&W officers include John Saabas, President; Maria Della Posta, Senior Vice President, Sales & Marketing; and, Richard Dussault, Vice President, Marketing, Regional Airline and Helicopter Engines.

QinetiQ Australia [Class E]
www.qinetiQ.com.au
Level 3, 210 Kingsway, South Melbourne VIC 3205 Australia
+61-3-9694-1000

QinetiQ Australia is a consulting and engineering services provider, giving independent and trusted advice to government, defence and industry. We are a part of a global organisation with international reach. Our success is founded on our people’s technical expertise, deep domain knowledge and commitment. With more than 250 employees located across
Engineering's ISF® Process. EM's ISF (Isotropic Superfinish) Process

- Decrease friction and wear, reduce noise and vibration, increase power density, and extend mean time between maintenance with REM Surface Engineering's ISF® Process. REM's ISF (Isotropic Superfinish) Process creates a smooth, micro-textured surface without any metallurgical risk and 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. REM has the privilege of working with many aerospace customers including United Technologies Corporation and Boeing. 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; Justin Michaud, Vice President; Michael Frechette, Director of Sales, and Lane Winkelmann, Director of Research & Development.

QinetiQ North America [Class D]
www.qinetiq-na.com
890 Explorer Blvd, Huntsville, AL 35806 USA

QinetiQ North America (QNA) is a subsidiary of QinetiQ Group plc, a FTSE250 company listed on the London Stock Exchange. Operating in North America, QNA delivers world-class technology, responsive services, and innovative solutions for global markets, focusing on U.S. government and commercial customers. Its engineers, scientists and other professionals deliver high quality products and services that leverage detailed mission knowledge and proven, reliable tools and methodologies to meet the rapidly changing demands of national defense, homeland security, and information assurance customers. QNA is headquartered in Reston, Virginia. For more information visit www.qinetiq-na.com and join our conversation at www.facebook.com/qinetiqna.

QuesTek Innovations, LLC [Class E]
www.questek.com
1820 Ridge Avenue, Evanston, IL 60201 USA
+1-847-328-5800

QuesTek Innovations 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; MIMPSD) 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 resistance. Ferrium S53 (AMS 5922; MIMPSD) 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-geared shafts, landing gear, actuators, structural parts, etc. that offer greater strength, hardness, toughness, fatigue resistance, high temperature-resistance, corrosion resistance, grind-burn-resistance and hardenability than AISI 9310 VIM/VAR and Pyrowear 53.

REM Surface Engineering [Class D]
2107 Longwood Dr, Brenham, TX 77833 USA
+1-979-277-9703

Decrease friction and wear, reduce noise and vibration, increase power density, and extend mean time between maintenance with REM Surface Engineering's ISF® Process. REM's ISF (Isotropic Superfinish) Process creates a smooth, micro-textured surface without any metallurgical risk and 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. REM has the privilege of working with many aerospace customers including United Technologies Corporation and Boeing. 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; Justin Michaud, Vice President; Michael Frechette, Director of Sales, and Lane Winkelmann, Director of Research & Development.

Robertson Fuel Systems, LLC [Class E]
www.robbietanks.com
800 W. Carver Rd., Suite 101, Tempe, AZ 85284 USA
+1-480-337-7050

For 37 years, Robertson has been the world leader in the design, development and manufacturing of crash-resistant and crushworthy, 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 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 23 mm 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
+1-310-539-0508

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, and private transportation. 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 applications, including air taxi, sightseeing, photography, news reporting and law enforcement. The five-place R66 was certified in 2010 and is Robinson’s largest and most versatile helicopter. Like the R22 and R44, the R66 offers exceptional reliability and low maintenance but with the added power of a turbine engine. Robinson employs 1,300 people and has delivered over 10,900 helicopters. Kurt Robinson is President; Tim Goertz, General Counsel; 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
+1-800-321-2223 or 1-319-295-5100

Rockwell Collins provides design, production and service support of aviation electronics and communications for government and commercial customers worldwide. Our product portfolio includes avionics, communications, navigation, displays, information management, simulation and training, 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. Our customers benefit from this strategic approach through increased flexibility, reduced total lifecycle costs and lower costs for technology insertion and ongoing support.

Rolls-Royce [Class A]
www.rolls-royce.com
PO. Box 420, Indianapolis, IN 46206 USA
+1-317-230-2000

Rolls-Royce is a world-leading provider of power systems and services for use on land, at sea and in the air, and has established a strong position in global markets – civil aerospace, defense aerospace, marine and energy. With an installed base of approximately 18,000 engines in service and 160 customers in 103 countries, we are the world’s number two defense aero engine company. We offer products in all key market sectors – combat, transport, helicopters, trainers, patrol, maritime and reconnaissance – as well as innovative services, which provide customers with increased availability and capability at lower cost.
The Rotary Wing Society of India [Class E]
www.rwsi.org
M-143, Sector 25, NOIDA - 201 301 India
+91-120-435-2300

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]
2300 Clarendon Blvd., Suite 607, Arlington, VA 22201 USA
+1-703-351-9898

Safran USA is a wholly-owned subsidiary of the Safran group and coordinates Safran Groups operations in the United States. With close to 7,000 employees working for 32 companies (including Joint Ventures) in 22 States, Safran USA is a force to be reckoned with in the United States.

Safran USA has operated in the United States for more than four decades, developing technologies and products that save lives, enhance national security, and improve performance. Safran USA subsidiaries include well-known companies such as Labinal, Messier-Bugatti-Dowty, 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 detection 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 more than 62,500 employees and generated sales of more than $17.5 billion in 2012. 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
+1-256-971-4600

SAIC is a leading technology integrator providing full life-cycle services and solutions in the technical, engineering, and enterprise information technology markets. SAIC’s deep domain knowledge and customer relationships enable the delivery of systems engineering and integration offerings for large, complex government and commercial projects. SAIC’s approximately 14,000 employees serve customers in the U.S. federal government, state/local, and global commercial markets, specializing in providing a broad range of higher-end, differentiated technical capabilities. Headquartered in McLean, VA, SAIC has annual revenues of about $4 billion.

Sentient Corporation [Class D]
www.sentientscience.com
830 Energy Drive, Suite 307, Idaho Falls, ID 83401 USA
+1-208-522-8560

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 DigitalCloner, can determine the future loads, life and 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 DigitalCloner 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
Forneburopa 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, aerodynamics, 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. [Platinum Class]
www.sikorsky.com
6900 Main Street, Stratford, CT 06601-1381 USA
+1-203-386-4000

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 helicopters, as well as the S-300 and S-333 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 achieved an unofficial world speed record of 250 knots, and the recent demonstration of an autonomous S-76 employing MATRIX™ Technology.

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 EC-120 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.skle.com
900 North State Street, Elgin, Illinois 60123 USA
+1-847-742-7840

SKF Aerospace Sealing Solutions (formerly Chicago Rawhide) is a global leader in the design, manufacture, and dynamic testing of engineered elastomeric products, including dynamic sealing devices and vibration control products. Our performance elastomer products include rotating and reciprocating shaft seals, boots, isolators, dampers and laminated elastomeric bearings for use on helicopters and fixed-wing aircraft. SKF furnishes helicopter main and tail rotor elastomeric bearings, pylon isolation components, lead-lag dampers, landing gear dampers, engine mounts, gimbals, APU mounts, gearbox isolators, and airframe structural isolators. Key personnel include Jeff George, VP and General Manager, SKF Aerospace Sealing Solutions; Anthony Bohm, Business Development Manager; and Loren D. Bishop, AHS contact.

SPX Precision Components (Class B)
www.spxprecision.com
(Headquarters)
300 Fenn Road, Newington, CT 06111 USA
+1-860-666-2471
70 Raynor Avenue, Ronkonkoma, NY 11779 USA
+1-631-467-2632

When the aerospace industry purchases safety, precision, and quality parts and components, it looks to SPX Precision Components, a long-time supplier of close-tolerance machined parts for military and commercial aircraft. SPX Precision Components has grown to meet increasing customer needs with an experienced group of precision machining operations dedicated to production for the demanding aerospace industry. Our core capabilities include rotorhead assemblies, tail and main rotor components, leading edge ribs, pylon bracket assemblies, mechanical assemblies, landing gear and overhaul & repair for the helicopter and fixed wing aerospace industry. State-of-the-art computer systems and industrial CNC equipment is used to produce the highest quality components, including complex 5-axis parts and flight safety products. We are AS9100C, ISO 9001:2008 and AS9110:2003 registered. Our 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.

Strategic Alignment Global, Inc. (Class E)
www.saginc.us
5726 Wynn Drive, Huntsville, AL 35816 USA
+1-256-617-2828

Strategic Alignment Global, Inc. (SAG) applies extensive experience, leadership and expertise to provide world-class consulting services to industry and DoD organizations, ensuring the unique competencies of the industrial base align with the processes and priorities of the DoD. SAG key members include acquisition professionals with leadership responsibilities as well as senior staff experience at all levels within the DoD's acquisition and operational communities. Key acquisition experience includes executive level responsibilities as the Navy PEO’s for Space Systems and C4I, the joint PEO for the Joint Tactical Radio System, and Army Project Management responsibilities for both aviation and ground systems. SAG’s methodology is simple: 1) Ensure companies understand the DoD acquisition process to include the formal and informal realities, 2) Help companies identify opportunities, both stated and implied, that align with company competencies, and 3) Help companies successfully compete through planning, proposal review, and direct engagement with program offices.

SURVICE Engineering Company (Class D)
www.survice.com
4965 Millennium Drive, Belcamp, MD 21017 USA
+1-410-273-7722

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
615 Discovery Dr., Huntsville, AL 35806 USA
+1-256-539-1700

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, EAAATS, and Illesheim, 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 Aviation, Army, NASA and DoD.

Technical Data Analysis, Inc. (Class D)
www.tda-1.com
3190 Fairview Park Dr., Ste. 650, Falls Church, VA, 20148 USA
+1-703-237-1300

Technical Data Analysis (TDA) is an engineering and software development consulting firm that provides engineering expertise and customized software solutions in the fields of aeronaautical engineering 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, MH-60R, MH-60S, 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 and deploying a state-of-the-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
+1-631-755-7000

As a world leader in fully integrated, advanced sensor and communication technology, Telephonics Corporation serves aerospace, defense, and commercial applications. As a subsidiary of Griffon Corporation, Telephonics specializes in intercommunications systems for aircraft, wireless and audio products, Air Traffic Management systems, landing and guidance systems, homeland security, and custom application specific integrated circuits. Telephonics has also developed state-of-the-art Identification Friend or Foe interrogators and advanced surveillance radar for land, sea, and maritime platforms. Finally, Telephonics’ Systems Engineering Group provides air and missile defense threat analysis, combat systems, engineering and analysis, and radar systems engineering and software development. Telephonics’ cost-effective quality and advanced knowledge of electronic systems has made it the choice of domestic and international customers including AgustaWestland, BAE Systems, Boeing, EADS, Lockheed Martin, SAAB and Sikorsky, as well as all U.S. and many foreign military services.
Urban Aeronautics has developed the technology which facilitates the design 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 aero-dynamic and handling qualities of ducted-fan aircraft and substantially eliminate their historical shortcomings, 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 flight tested a number of designs since 2007. The AirMule – a single engine, 1,000 lb payload class UAV – is presently in flight testing. The AirMule, similar in size to a “Humvee,” will deliver cargo at speeds of up to 100 knots to the battlefield with eventual evacuation of wounded. A follow-on program will be the X-Hawk man carrying vehicle.

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, with 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
+1-301-563-6800

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 serves its customers in the areas of test and evaluation; systems engineering and information technology; lifecycle 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 4,600 employees at more than 40 facilities nationwide. Wyle comprises three operating entities: Aerospace Group, CAS 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.

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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.