



## Central Oregon Aviation Related Companies (Not including local airports.)

### ADVANCED AVIATION

**Location/Website:** 63006 Powell Butte Hwy, Bend OR 97701, 541-330-5817, [www.advancedaviationinc.com](http://www.advancedaviationinc.com)

**Owner:** Aaron Brook

**No. Employees:** 2

**Year Established:** 1994

**Product/Service:** Experimental aircraft builders assist shop.

**Hot News:** Helping to build the safest and highest quality aircraft possible.

**Outlook for Growth:** Aircraft have won several awards at the Oshkosh, Sun-n-Fun and Arlington air shows.

### AIRCRAFT RUBBER MANUFACTURING (ARM-USA)

**Location/Website:** 1550 NE Kingwood Ave, Redmond, OR 97756, 541-923-6005, [www.arm-usa.com](http://www.arm-usa.com)

**CEO:** Al Baris

**No. Employees:** 30

**Year Established:** 1988

**Product/Service:** Fuel cells for race cars, planes and boats. Armored tanks, industrial tanks. Welding and fabrication.

**Hot News:** Capable of designing flexible containment systems to meet every conceivable application from ultra-lightweight UAV fuel bladders to fully armored, self-sealing fuel cells to large industrial storage tanks to inflatable bladders and structures.

**Outlook for Growth:** The demand for high tech fuel containment solutions in the aviation and aerospace industries has never been greater. ARM is capable of producing extremely lightweight, durable aviation bladders that are resistant to all types of aviation fuels including avgas, JP fuels, gasoline and diesel.

### BUTLER AIRCRAFT SERVICES

**Location/Website:** 705 SE Salmon Ave., Redmond, OR 97756, 541-923-1355, [www.butleraircraftservices.com](http://www.butleraircraftservices.com)

**Owner:** Travis and Nan Garnick

**No. Employees:** 18

**Year Established:** 2006

**Product/Service:** Fixed base operation, fuel, maintenance, charter.

**Hot News:** Business Oregon helped the City of Madras secure an Immediate Opportunity Fund grant of \$347,358 to make road improvements to the new city-owned aircraft hangar at the city airport. In addition, Butler Aviation received a Special Public Works Fund (SPWF) loan of \$478,000 and a SPWF grant of \$50,000 to help construct the new hangar.

**Outlook for Growth:** Estimates an additional \$20 million in economic impact in the region over the next decade and anticipates the creation of 15 full-time jobs.

### CIES, INC.

**Location/Website:** 1375 SE Wilson Ave., Suite 150, Bend, OR 97702, [www.ciescorp.net](http://www.ciescorp.net)

**CEO/Founder:** Scott Philiben

**No. Employees:** 6

**Year Established:** 2010

**Product/Service:** Fuel Level Sensing and Angular Measurement. Our Capabilities are; System design, development, prototyping, FAA certification, integration, stress analysis, marketing, and manufacturing. Electrical, mechanical, software, environmental testing and qualification (DO-254 hardware, DO-178 software, DO-160 environmental).

Innovation is at the core of everything we do. The primary goal of CIES is to expand the technical horizon while achieving functional simplicity and high reliability. Our talent lies in our ability to identify promising new technologies and apply them to the aviation and transportation industries.

Manufacture digital and analog fuel, LPG, Oil and Glycol senders for aircraft, military, marine, truck, bus and other high value applications. These senders are highly accurate, intrinsically safe and retrofit existing level sensors for transportation and the fuel storage market. These applications including remote reporting capability to mobile platforms and server systems for fleet management.

**Hot News:** CIES has grown by 100 percent after their first year of production and are forecasting another 30 percent increase for 2015. Our new facility in Bend is critical to demonstrating our manufacturing and technological capability.

**Outlook for Growth:** CIES Inc., holds a critical patent in MR, (Magneto Resistive technology) a non contact fuel level measurement method. We are generating unique solutions with every new application as well as creating outstanding vendor relationships. We are now delivering prototype and pre-production fuel sending units to solve difficult issues for the automotive, marine and LPG tank manufacturers and markets. Anticipate further announcements of OEM product acceptance, IP licensing of our innovative sending technology throughout the year.

### EPIC AIRCRAFT

**Location/Website:** 22590 Nelson Road, Bend, OR 97701, 541-318-8849, [www.epicaircraft.com](http://www.epicaircraft.com)

**CEO:** Doug King

**No. Employees:** 140

**Year Established:** 2004

**Product:** Currently producing the last Epic LT airplane kits for sale. Beginning to build the prototype of the E1000, a fully built aircraft to go on the market in 2016.

**Hot News:** Already received 60 reservations for the soon-to-be certified E1000, coming in at just under \$3 million each. Increased manufacturing facility to over 300,000 square feet.

**Outlook for Growth:** Awaiting FAA certification for the E1000. Plans to double the current staff of 140 as production ramps up and deliveries begin to take place.

### ERICKSON AERO TANKER (AERO AIR)

**Location/Website:** Madras, <http://www.aeroair.com>

**CEO:** Kevin McCullough

**No. Employees:** 36-60

**Year Established:** 1956

**Product/Service:** Aerial firefighting

**Hot News:** The company has been awarded the next generation air tanker contract by the U.S. Forest Service. Erickson Aero Tanker has now received a FAA Supplemental Type Certificate for the DC-9-87 and in May 2014 placed the first aircraft into its fire fighting contracts which is a new role for this former airliner.

**Outlook for Growth:** March 2013 built 64,000 square foot hangar for aircraft maintenance.

### KAWAK AVIATION TECHNOLOGIES

**Location/Website:** 20690 Carmen Loop Suite 102 Bend, OR 97702, 541-385-5051, [www.kawakaviation.com](http://www.kawakaviation.com), [www.facebook.com/KawakAviation](http://www.facebook.com/KawakAviation)

**Principals:** Douglas Sawyer/ Mike Reightley

**No. Employees:** 15

**Year Established:** 1993

**Product/Service:** Aeronautics company offering a full spectrum of new product design, engineering and production services built around a reputation for accommodating fast-track development programs. Our company manufactures and fully supports many mission equipment product lines and is known as an industry leading mission equipment supplier in helicopter firefighting systems, aerial agriculture, propulsion systems, motion control, flight control products, auxiliary power and precision agriculture power systems.

**Hot News:** Currently testing one of our program-mable high output 28VDC electric motors for a new market and application. This new application could mean substantial energy savings and efficiency implications for the industrial market and high production applications.

**Outlook for Growth:** Mission is to continually provide the aviation industry with innovative, high quality solutions that outperform expectations, improve safety and increase the productivity potential of our customers and their aircraft. Following that mission the small but capable company consistently grows our product and service offering year after year.

### LANCAIR INTERNATIONAL

**Location/Website:** 250 SE Timber Ave., Redmond, OR 97756, 541-923-2244, [www.lancair.com](http://www.lancair.com)

**CEO:** Robert Wolstenholme, majority owner/chair of Lancair International; founder Lance A. Neibauer

**No. Employees:** 50

**Year Established:** 1984

**Product/Service:** Manufacturer of high-performance owner-built aircraft and composite structures.

**Hot News:** Lancair has recently delivered its' 65th Evolution aircraft, and continues to improve this Flagship aircraft. Wing Ice protection and the ability to land on unimproved airstrips makes the aircraft even more attractive worldwide. At the lower end of the market, the two place Lancair Legacy aircraft is being offered with simplified pricing and a streamlined building process. These great aircraft are finding favor with more foreign governments for use as training aircraft.

**Outlook for Growth:** In addition to steady U.S. sales, Lancair delivers aircraft internationally with planes now in Russia, Czech Republic, Latvia, South Africa and Brazil. At a time when the overall aviation market is still operating below expectations, Lancair continues to grow and expand market share. In addition, the company is using its manufacturing expertise in many non-aviation programs.

### LEADING EDGE AVIATION

**Location/Website:** 63048 Powell Butte Hwy, Bend, OR 97701, 541-383-8825, [www.flybend.com](http://www.flybend.com)

**President:** Brad Fraley

**No. Employees:** 75

**Year Established:** 1989

Leading Edge Aviation (LEA) flight school and charter operations utilizes a fleet of Robinson R22, Robinson R44, Bell 206 Jet Rangers, 206 LongRangers, along with Cessna 172's, Bonanza and Baron. LEA is the flight provider for the Central Oregon Community College associates degree program in applied science in aviation. LEA is certified to train foreign students under the M1 visa to receive their FAA ratings. An approved certified Robinson Helicopter sales, service, maintenance and overhaul facility and authorized distributors

for most major avionics manufacturers. LEA is an approved contract and charter operator for the US Forest Service, Department of Interior, US Fish and Wildlife, Oregon State Game and Wildlife, Oregon State Department of Forestry, USGS, assisting with wild land firefighting, animal counts, project work activities as well as oil and gas exploration, film and other utility based helicopter operations. LEA offers local helicopter and airplane tours of Central Oregon.

**Hot News:** June 2014 LEA added an onsite PSI testing center to the facility. All airman knowledge exams, as well as other professional exams, are now available to all.

In 2014, LEA brought 100LL and Jet-A Full and Self-Serve fuel to the Bend airport.

November 2013 completed Initial Night Vision Goggle Training for the City of San Diego Fire-Rescue Department's Air Operations Division. In early 2013, Leading Edge joined Night Flight Concepts as a training partner.

**Outlook for Growth:** Leading Edge holds 141 approved courses for Initial, Recurrent and Instructor NVG Training. LEA is uniquely qualified for NVG training with NVG experience in Firefighting, EMS, law enforcement, search and rescue, hoist and ship-board operations.

### MOUNTAIN HIGH EQUIPMENT AND SUPPLY / AEROSPACE INSTRUMENTATION RESEARCH

**Location/Website:** 2244 SE Airport Way, Suite 100, Redmond, OR 97756, [www.mhoxxygen.com](http://www.mhoxxygen.com), 541-923-4100.

**CEO:** Patrick McLaughlin

**Owner:** Robert Jamieson

**No. Employees:** 15

**Year Established:** 1985

**Product/Service:** Specialized inventory of custom built-in and carry on aviation oxygen systems and support accessories for private pilots, hang gliders, sailplanes and high-altitude adventurers around the globe. Research, design and manufacturer of patented state-of-the-art digital aviation oxygen equipment.

**Hot News:** Innovative EDS products, an exclusive electronic Pulse-Demand adaptive oxygen delivery machines.

**Outlook for Growth:** Premium devices and equipment have been targeted to not only the personal-built aircraft market, but have also been designed to meet and exceed many minimum requirements detailed by SAE, AIs, ARPs and the FAA.

Systems have an outstanding industry reputation for the research and design improvements to aviation oxygen use and the patented Pulse-Demand oxygen system used by both military and general aviation pilots as well as other oxygen users worldwide

### PCC SCHLOSSER

**Location/Website:** 345 NE Hemlock Ave Redmond, OR 97756, 541-548-0766, [www.pccstructural.com](http://www.pccstructural.com)

**CEO:** Keith Colvin

**No. Employees:** 220

**Year Established:** 1989

**Product/Service:** A subsidiary of PCC Structural, Inc., headquartered in Portland. They manufacture complex titanium castings for use in the aerospace industry and for the U.S. Military.

**Hot News:** June 2013 acquired Permaswage SAS, a world-leading designer and manufacturer of aerospace fluid fittings, for \$600 million.

**Outlook for Growth:** Leader in super alloy, aluminum and titanium investment casting. With applications in jet aircraft engines, airframes, industrial gas turbine (IGT) engines, military armaments, medical prosthesis, and many other industrial markets, they provide a wide portfolio of high-quality components, some as large as 100 inches (250cm).

### PARADIGM (PART OF N-LINK)

**Location/Website:** 550 NW Franklin Avenue, Ste 308, Bend, OR 97701, 541-617-0011 [www.paradigmisr.com](http://www.paradigmisr.com), [www.n-link.net](http://www.n-link.net)

**CEO:** Josh Brundgardt, director of unmanned systems

**No. Employees:** 9

**Year Established:** 2013

**Product/Service:** Management and implementation of unmanned vehicle data collection systems, with an emphasis on unmanned aircraft systems (UAS) and their applications to agriculture, public safety, natural resources, academic research, communications systems and a wide variety of other subject areas.

**Hot News:** May 2013 partnered with OSU, USDA and Boeing Corporation on major agriculture research projects in Eastern Oregon. PARADIGM is a wholly owned subsidiary of n-Link Corporation). n-Link is a woman-owned small business serving government agencies under a variety of federal contracting authorities.

**Outlook for Growth:** The Federal Aviation Administration hopes to have domestic drones in the airspace by 2015.

### PRINEVILLE AVIATION

**Location/Website:** 4585 S.W. Airport Road, Prineville, OR 97754, 541-447-1118, e-mail [pavia@prinetime.net](mailto:pavia@prinetime.net)

**Owners and Operators:** Eldon and Peggy Nimmo

**No. Employees:** 2

**Year Established:** 1983

**Product/Service:** Aircraft maintenance, flight instruction.

**Hot News:** Keep the customer satisfied, it never goes out of fashion.

**Outlook for Growth:** They stopped advertising, it is the only way they can keep up with the volume.

### PROFESSIONAL AIR

**Location/Website:** 541-388-0019, 63132 Powell Butte Rd Bend, OR 97701, [www.professionalair.com](http://www.professionalair.com)

**President/GM:** Gwil Evans

**No. Employees:** 23

**Year Established:** 1986

**Product/Service:** Bend's only full-service FBO and flight training school, offering aircraft maintenance, avionics sales and service and charter. A genuine Garmin dealer.

**Hot News:** Added another Skyhawk to the fleet in 2014, expecting to add two new aircraft in 2015. Completed 10,000 square feet of new hangars this year, with an additional 20,000 square feet in planning for 2015.

**Outlook for Growth:** With general aviation finally coming alive once again, we expect to grow another 10 percent next year, and hopefully add that turboprop to our charter certificate.

### PULSEDLIGHT, INC.

**Address/web:** [www.pulsedlight3d.com](http://www.pulsedlight3d.com)

**CTO/Co-Founder:** Robert A. Lewis

**CEO/Co-Founder:** Dennis Corey

**Established:** March 2011

**Employees:** List total including partners 2

**Product/Service:** Developed a patented, optical proximity and distance measurement technology that can be quickly and inexpensively adapted to a variety of applications, from single beam distance measurement to line scanning and complex 3-D imaging. Technology can yield a tenfold improvement in cost, size or performance over competitive non-contact sensors.

**Hot News:** Technology is being adopted into a variety of robotics, drone and unmanned vehicle applications.

**Outlook for Growth:** Strong interest from emerging robotics, unmanned vehicle and machine vision markets has enabled PulsedLight to realize strong revenue growth in the last year and will result in strong growth in the coming years.

### RDD ENTERPRISES/NORTHSTAR FLIGHT LAB

**Location/Website:** 2244 Airport Way, Ste 130, Redmond, OR 97756, 541-504-0305, [www.rddent.com](http://www.rddent.com), [www.northstarflightlab.com](http://www.northstarflightlab.com)

**CEO:** David McRae, Mark Mahnke

**No. Employees:** 17

**Year Established:** 2007

**Product/Service:** Helping aircraft owners achieve the design goals for speed, comfort, and personalization. RDD employees carefully craft the shapes and designs to meet each customer's personal design and produce a beautiful custom interior.

**Hot News:** Opened FAA certified simulator February 2013 to flight instructors and the general public to experience flying a plane.

**Outlook for Growth:** A brand new Redbird FMX full motion flight simulator has arrived and entered into service at RDD. The simulator is a fully approved for IPC and BFR recurrent training. Check out the Flight Training tab for more information.

### SAMSON MOTORS

**Location/Website:** 4585 SW Airport Road, Prineville, OR 97754, 530-878-4808, [www.samsonsky.com](http://www.samsonsky.com)

**Founder, Inventor and CEO:** Sam Bousfield

**No. Employees:** 4

**Year Established:** 2010

**Product/Service:** Flying cars, Point-to-point transportation, a three-wheel, fully enclosed vehicle that converts to an aircraft.

**Hot News:** The prototype coming to you in 2014.

**Outlook for Growth:** Excitement surrounds this thrilling concept to be turned into a prototype and then made available for the public.

### WINDWARD PERFORMANCE LLC

**Location/Website:** 63008 Powell Butte Hwy, Bend, OR 97701, 541-382-1056, [www.windward-performance.com](http://www.windward-performance.com)

**CEO:** Greg Cole

**No. Employees:** 28

**Year Established:** 1999

**Product/Service:** Aerospace products, glider and sailplane design and manufacturing

**Hot News:** May 29, 2014 The Sparrowhawk R 13.5m / 15m sailplane has been flown by the first customer Morgan Sandercock and the plane has performed fantastically.

**Outlook for Growth:** After testing in 2014/15 in Bend and the Sierras, the sailplane will eventually launch during the southern spring in Argentina in 2015, where the Perlan 2 will be towed up to an altitude of 8-10K feet, then catch the polar vortex wave lift up into the stratosphere.