

Presseinformation
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The Global Show
for General Aviation
April 18 – 21, 2018
Friedrichshafen, Germany

New product announcements AERO 2018

New worldwide

ΦNIX consortium
Stand: A7 - 301
www.pure-flight.eu

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PRAHA
Tel: +420 603522068
E-Mail: info@pure-flight.cz
Contact: Zdenek Nemeč
Company: ΦNIX consortium
Internet: www.pure-flight.eu

ΦNIX pure flight solution

ΦNIX System solution for zero emission flying. Electric airplane ΦNIX, on board chargers JAN, airport chargers ANDRE and superchargers NIKOLA, communication module for standards CHAdEMO and CCS2.



ALTO General Aviation Services GmbH
Stand: A4 - 019
www.alto.aero

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E-Mail: fries@altoservices.com
Contact: Peter Nikolaus Fries
Company: ALTO General Aviation Services GmbH,
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Aircraft Hangar Equipment/Carousels
New Generation of Aircraft Carousels for
GA/BA Industry

ALTO introduces New Generation of Aircraft Carousels ALTO General Aviation Services GmbH, German specialist for hangars and carousels, developed a new type of sophisticated aircraft carousels, which are presently installed at Gstaad Airport AG/Switzerland and Airport Aalen-Elchingen/Germany with up to 32m dia. and 22,5t MTOW. Says CEO Fries: "This project prepares us to install carousels for highest loads and largest aircraft"

aventura.aero AG
Stand: A3 - 207
www.aventura.aero

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Switzerland
Tel.: +41762773069
E-Mail: contact@aventura.aero
Contact: Daniel Spring
Company: aventura.aero AG, Switzerland
Internet: www.aventura.aero

aventura-s first heavy-duty gyro: safe,
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endurance/100 kg payload

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www.aventura.aero AG, Switzerland



**BAC Digital Avionics
Stand: A6- 311**

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85445 Oberding
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Company: BAC Digital Avionics
Internet: keine

**New Cockpit-Technology:
BAC-Fuel-Phone transmits fuel-data to
your smart-phone or android-tablet**

Brief description: A transducer used for fuel-flow measurement will be installed into the fuel line to carburator or fuel injector. The transducer is powered by the aircraft voltage system. By the fuel-flow the transducer generates a square wave signal in the transducer which is conducted into the BAC-Fuel-Phone-Box and generates the signals to be transmitted to your android tablet or andoit smart phone. Your tablet or smart phone works as fuel-flow-indicator.

**BendixKing
Stand: A3 - 404
www.bendixking.com**

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Contact: David Steinhoff
Company: BendixKing
Internet:
<http://www.bendixking.com/Products/Integrated-Flight-Decks/BendixKing-AeroVue>

**AeroVue Integrated Flight Display for
the King Air B200.**

For owners of King Air B200's, AeroVue is an all-glass integrated flight deck that brings business jet technology and functionality to the general aviation cockpit. Complete cockpit upgrade brings the same quality and sophistication of business jets to general aviation customers. Includes three high-resolution 12" LCD displays with SmartView™ Synthetic Vision enhancing pilot safety and alertness,

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Company: BendixKing
Internet: www.bendixking.com

AeroVue Touch

For owners of Cessna, Piper, Beechcraft, Diamond and other certified aircraft who want to replace their outdated avionics, AeroVue Touch is a certified integrated flight deck that [key capabilities]. Unlike all other EFIS products, AeroVue Touch provides the highest resolution WUXGA display and built-in Wi-Fi/Bluetooth. All of this at affordable price.

Bose Corporation
Stand: A6 - 101
www.bose-aviation.eu

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1441 RG Purmerend
Netherlands
Tel.: +31 299 390 777
E-Mail: patrick_schutterop@bose.com
Contact: Patrick Schutterop
Company: Bose Corporation
Internet: www.bose-aviation.eu

Introducing our smallest, lightest active noise cancelling aviation communication headset ever.

New features include three user selectable levels of noise cancellation, a unique tap control for talk-through communication and quick release, side-swappable boom microphone and down cable. All engineered into a form factor unlike any other headset - a highly stable, in-ear configuration without the usual intrusive deep-insert ear tips. The new Bose ProFlight is FAA TSO and EASA E/TSO-C139a certified.



Breezer Aircraft
Stand: B1 - 207
www.breezeraircraft.de

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Contact: Wolfgang Nitschmann
Company: Breezer Aircraft GmbH & Co.KG
Internet: www.breezeraircraft.de

The Breezer Sport, a completely new aircraft with totally different technology approaches.

Breezer Aircraft has developed during the last years the design complementing of the proven B400/B600 series focussing on speed. It ended up in the Breezer Sport, a completely new aircraft with totally different technology approaches, but the same design harmony. A special focus is the retractable landing gear. „Metal made in Germany“ as well. The Breezer Sport is prepared to carry the Rotax-engines 912 UL, ULS, IS up to 915.



Curti Costruzioni Meccaniche
Stand: B5-101
www.zefhir.eu

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Company: Curti Costruzioni Meccaniche S.p.A.
Internet: www.zefhir.eu

Curti Aerospace Division introduces Zefhir: the new helicopter brand for air mobility needs.

Aero 2018 will see the first public appearance of Zefhir: a perfect synthesis of intuition and competence engineered for the best flying experience. Featuring a futuristic carbon fiber airframe, turboshaft propulsion and exclusive safety systems including a ballistic parachute it will be revealed on the 18th of April at 2.30 p.m at our stand B5 -101. Everyone is welcome. Don't miss the unveiling!



Flybox Avionics
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www.flyboxavionics.it/en

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Company: Flybox Avionics
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Flybox Avionics new Omnia57, flight / engine data digital color instruments.

The Omnia57 line is a whole family of instruments created to upgrade the old legacy avionics, introducing plenty of new features and alarms for an easier and safer flight experience. New high brightness, sunlight readable tft screen. Usb connection allows an easy firmware upgrade and remote diagnostic. A double Can-Bus allows the Omnia instruments to be connected in cluster and also to the other Flybox bigger instruments.



Magnus Aircraft Zrt.
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www.magnusaircraft.com

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Internet: www.magnusaircraft.com

Magnus eFusion Magnus eFusion is an electric-driven two-seater composite aircraft.

eFusion, with its electric drive system developed by Siemens, offers technology that is universally unique at an affordable price. This aircraft is perfectly suitable for PPL, soft aerobatic and upset recovery training due to the side-by-side seating arrangement and the aircraft's dynamic performance. The zero-emission technology can be operated at extremely low cost.

RayTalk Communications & Technology Co., Ltd
Stand: A5 - 212
www.raytalkcomms.com/www.rtc-radios.com

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Company: RayTalk Communications & Technology Co., Ltd
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Aviation Headset

PNR, ANR, Bluetooth, carbon fiber headsets for pilot, for general aviation.



rhoba-chemie GmbH
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rhoba-chemie.com

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Company: rhoba-chemie GmbH
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safe and approved exterior aircraft cleaning - without water. Intensive Cleaning, leaves a clean and high gloss surface and Protection in one working step, Removes safe and gently all soils on aircraft surfaces. Protects against UV rays, oxidation and repolluting of environmental dirt, Please visit us at our booth Hall A 5, Booth No. 519 and test rhobaAIR A III WASH by yourself. Our Home-page: rhoba-chemie.com



ScaleWings AeroTec GmbH
Stand: B1 - 313
www.scalewings.com

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E-Mail: toni.eiser@scalewings.com
Contact: Toni Eiser
Company: ScaleWings Aircraft GmbH
Internet: www.scalewings.com

sw51 Mustang Quick-Build Kit

The sw51 Mustang Quick-Build Kit with an empty weight between 882 lb and 1,609 lb (depending on installed engine) and a MTOM of 2,646 lb offers plenty of payload. Designed in compliance with CS 23 for performances up to 600 hp and loads of +6g / - 4g, the sw51 Experimental offers max. safety and fun. The building can be completed within a manageable effort of max. 600 hours



skynavpro
Stand: A6 - 003
www.skynavpro.aero

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Tel.: +49 30 398009109
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Internet: www.thiesen-electronics.com/deics.com

**ERB2-H Our new development with
Intelligent Synchronization and
FLARM-Interface**

Our ERB2-H complies with FAR23 regulations. Therefore experimental constructors have a genuine alternative to Xenon-Flash lights. The extremely bright, red rotating sequencing light flash has a beacon angle of 360° and is visible at 30° below and above the horizontal plane. Like all our other ACLs, the ERB2-H is completely sealed in high grade optic plastic. As all electronic components are inside the ERB2-H



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Internet: www.thiesen-electronics.com

**ERB-UL Elektronik Rotating Beacon for
Ultralight-Airplanes FLARM-Interface**

ERB-UL - our new development with Intelligent Synchronization and FLARM-Interface The extremely bright, red rotating sequencing light flash has a beacon angle of 360° and is visible at 30° below and above the horizontal plane. Like all our other ACLs, the ERB2 is completely sealed in high grade optic plastic. As all electronic components are in the ERB, there is no additional place needed.



Tost GmbH Flugzeuggerätebau
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Company: Tost GmbH Flugzeuggerätebau
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BZT 2 with ETSO approval
High-performance brake assembly with
2 pistons

The brake assembly BZT2 is available in various versions: -for use with a 4", 5" or 6" disk brake wheel -for gliders, motor gliders, UL, aircrafts, helicopters -for brake disks of 5 mm to 8 mm height -Stahlbus-bleeder valve mounted left or right -for use with Mineral Fluid or brake fluid DOT 4 The advantages: small dimensions, light weight, high brake momentum, delivered with EASA FORM 1.



Tost GmbH Flugzeuggerätebau
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For use in hydraulic brake systems, master cylinder „pull-type“ without reversing lever, small installation space, length 130 mm, low weight: 120 g, flexible mounting in every orientation, connection through thread M6, fork head or joint head, anodised housing for corrosion protection, long life time due to High tech seals and Hartcoat plating of the sliding parts, available for DOT/Mineral Fluid



VRMotion GmbH
Stand: A6 - 510
www.vrmotion.rocks

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8200 Schaffhausen
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E-Mail: fabi.reason@vrmotion.rocks
Contact: Fabian Riesen
Company: VRMotion GmbH
Internet: www.vrmotion.rocks

Demonstration of a highly dynamic helicopter 6DoF simulator with virtual reality technology

VRMotion and IPACS demonstrate a 6DoF simulator for helicopters with VR technology. Aerofly FS2, combined with the VRM-200 movement platform built by Brunner Elektronik AG, opens up completely new possibilities in helicopter flight training. The realistic flight physics and a novel motion cuing algorithm developed by the University of Rapperswil together with the detailed landscape result in an authentic flight feeling.



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Company: WINX Aviation GmbH
Internet: www.winx-aviation.com

The new composite amphibian BOREY is an ideal choice for private pilots and flying schools

The Borey amphibian in Europe will meet the requirements of the LTF-UL 2018. Therefore, in Europe the Borey amphibian will have the following flight characteristics: Maximum take-off mass 650 kg Engine - Rotax 912 UL Maximum cruise speed - 175 km/h Stalling speed - 67 km/h Take-off run (water) - 180 m Landing roll on water - 150 m Maximum flight range - 760 km Wave height capability - 0.5 m See the brochure for deta



ZHAW / aventura.aero AG
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Contact: Daniel Spring
Company: aventura.aero AG
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Simulator for aventura-gyrocopter,
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ZHAW, Switzerland

With the original controls of the aventura-s and thanks to the latest VR-technology, you can fly the world with your companion. Students of the Zurich University of Applied Sciences ZHAW in collaboration with aventura.aero AG have developed the aventura-simulator. For your PC / Mac at home - with or without VR-goggles - a free aventura-plugin for X-Plane can be downloaded at www.aventura.aero.



first gyrocopter-simulator with dual controls for the *aventura-s*

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Avionik Straubing GmbH
Stand: A3 - 307
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Tel.: +49 171 8527187
E-Mail: josef.breu@avionik.de
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Company: Avionik Straubing GmbH
Internet: www.avionik.de

GARMIN G500TXI and G600TXI Touchscreen Flight Displays Garmin GFC500 and GFC600 Digital Autopilot

GARMIN G500TXI and G600TXI now with Touchscreen Control are the new Follow-On Systems for the existing and very successful GFC500 and GFC600 Flightdisplay Series. The new digital Attitude Based Autopilot GFC500 and GFC600 becomes a Revolution in the General Aviation Retrofit Market !



C.M.D. Costruzioni Motori Diesel S.p.A
Stand: A5 - 130
www.cmdavio.com

Via Pacinotti, 2
81020 San Nicola La Strada (CE)
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Fax: +39 0823 452103
E-Mail: anna.girgenti@cmdengine.com
Contact: Anna Girgenti
Company: CMD Costruzioni Motori Diesel S.p.A.
Internet: www.cmdavio.com

CMD22, air/oil cooling system, 4 strokes, 4 cyl. boxer engine, TC EASA E.120, suitable for VLA/LSA.

At 2018 AERO exhibition, CMD Costruzioni Motori Diesel S.p.A., through its AVIO division, will introduce new CMD22, air/oil cooling system, 4 strokes, 4 cyl. boxer engine, fully developed, designed and produced in Italy, even the electronic control unit (ECU), which is in compliance with DO-160 regulations. On January 2018, C.M.D. successfully completed EASA certification process for CMD22 engine, obtaining TC EASA E.120.



R. Eisenschmidt GmbH
Stand: A5 - 207
www.eisenschmidt.aero/powerpad

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POWERPAD - Reusable fastening system for your cockpit



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Internet: www.rogersdata.at

VFR aeronautical charts - visual charts acc. ICAO Annex 4, EU-Reg. and national AIP, Scale 1:500.000

Rogers Data VFR aeronautical charts give you a very detailed description of the respective airspaces. Our highly sophisticated topographic terrain chart with shading and relief creates a dynamic 3D-effect. All charts are based on the latest aeronautical information from AIP (Aeronautical Information Publication) as well as on the relevant regulation of ICAO Annex 4 (Aeronautical Charts) and European Commission Regulations.



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Company: Rogers Data GmbH
Internet: www.rogersdata.at

**Rogers Data Navigation Compass for VFR charts on a scale of 1:200.000,
1:250.000 and 1:500.000**

The patent pending Rogers Data Navigation Compass © facilitates the solution for navigation and is easy to use. Sectional plotter, time-speed-distance computer, ruler and navigation compass template in a single device. Path-time measurement. Distance picked up with the tips in order to read the distance between two points on a sectional chart. New production technologies guarantee precision. Includes a circle template.



The Ez Creeper Company Inc.
Stand: A4 - 108
www.EzCreeper.com

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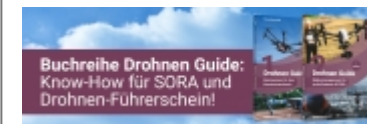
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<https://www.drohnenpilot.aero/drohnen-guide>

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"drone guide" two volume book series mediates know-how for Dronepilots



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