

Curriculum Vitae

1. Personal

Surname: Porto
Names: Alberto Rodolfo
Birth Date: November 17, 1966
Place of Birth: Rojas (Bs. As.) Argentina
Nationality: Italian / Argentine
Marital Status: Married, 2 children
Actual Residence: Via Mantegazza, 21b, 20035 Lissone (MI) Italia
Tel. +39-(039)-460730 (Home) [+39-039-4669380](tel:+39-039-4669380) (Work);
Mobil [+39-339-4698235](tel:+39-339-4698235)
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2. Education:

4/1985 - 10/1991 La Plata University of Engineering (La Plata Argentina)
Degree, Aeronautical Engineer
4/1978 - 12/1984 Lyceum Aeronautical Military (Rosario Argentina)
Technical bachelor degree

3. Complementary Education:

2013 Ultralight Pilot
2003 Course of Numerical Analysis for Multi-block upwind implicit Navier–Stokes
CFD program and optimization methods. (US)
2003 Course of Numerical Analysis for nonlinear hydrodynamics characteristics of complex vessels using time/domain approach. (US)
1999 Course of Numerical Analysis for computing steady non/linear free surface flow (US)
1997 Course of Numerical Analysis for unsteady subsonic flow (US)
1994 Course of Numerical Fluid Dynamics apply to subsonic flow and low Reynolds Number (US)
1992 Course of Fans Fluid Dynamics (Italy)
1992 Course of Numerical Fluid Dynamics (US)
1992 Intensive curse of English (US)
1991 Course for the utilization an design of pieces in composite material (Argentina)
1989 Course of controlled V.F.R. Flying (Argentina)
1986 Course of sport flight on glider (Argentina)
1986 Course of Glider Pilot (Argentina)

4. Complementary Knowledge:

Language Spanish, English, Italian all writing and speaking without any problem.
Computer Good general knowledge and Software driving
FORTRAN programming language, Cad programs, Lofting programs, Panels

code RANS codes, Finite element codes, and Microsoft programs in general (xfoil, Mses, Vlaero, Vsaero, Ice, Fswave, Usaero, FPI, FSP, Mgaero, Nsaero, AeroPointer, Epogy, Model Center, Omni3d, Sping, Pmarc, Gridgen, Pointwise, Starccm+).

5. Experience:

2016 - Present

Aerotech Innovation
CEO and founder

2014 - Present

Swiss Excellence Airplanes S.A., Via G.B. Pioda 14, 6901 Lugano, Switzerland, www.sea-avio.com

CEO and founder

Setup of the new founded company. As a chief engineer development and technical descriptions, as well as supervision, organization and development of the production. Responsibilities of the management part, including administrative tasks, sales, customer support & CRM, purchasing and supplier management. Also responsible for the piloting part, including flight tests, flight training for customers and piloting at events like air shows.

1995 - Present

Porto Ricerca (Fluid Dynamics Specialist) Via Mantegazza, 21b, 20035 Lissone (MI) Italia. www.portoricerca.com

Duties

Owner of this research company.

Design & Development of the RISEN and SIREN aircraft. Responsible for the aerodynamic on the Design for a new Wing for the P180 Avanti for Piaggio Aeroindustry.

Responsible for the aerodynamic on the Design of the Volvo70 Puma and Emirates team New Zealand sail boat for the Volvo Ocean Race (Sail, hull, bulb, keel, wings and rudder) with Marcelino Botin

Responsible for the aerodynamic on the Design of the TP52 Quantum and Emirates team New Zealand sail boat for the Audi med cup (Sail, hull, bulb, keel, wings and rudder) with Marcelino Botin

Responsible for the aerodynamic on the Design team of the Americas Cup 2007 (SWE 96) sail boat for the Sweden Victory Challenge team (Sail, hull, bulb, keel, wings and rudder)

Responsible for the aerodynamic on the Design team of the Americas Cup 2003 (Orn-63 and Orm-73) sail boat for the Sweden Victory Challenge team (Sail, hull, bulb, keel, wings and rudder)

Design of the Volvo ocean race (Amer Sport One) sail boat with German Frers. (hull, bulb, keel and rudder) Two complete small aerodynamic aircraft designee. RPVs. Pods fluid dynamics analysis and improvement. F1 wing and airfoils analysis and improvement. Many aircraft wing and fuselage analysis and improvement. Airfoils analysis and improvement. Designee of Keels, Bulbs and Rudders and Hulls for sails boat. Designer of Sport prototype racecars. Software maintenance and installation. Fluid dynamics consultant. Providing training course. Marketing activities with the scope to contact new customer to sale software and consultant propose. Major customers (Agusta, Aerea, Aermacchi, Cira, Minardi F1, Meteor, Ferrari F1, Studio Frers, Fincantieri de Genova, Fincantieri de Trieste, Porltecnico di

Torino, Pilatus Aircraft, Universita di Perugia, VulcanAir, OMA-Sud, Piaggio Aeroindustry).

Other main projects where I have taken part in: Piaggio Aeroindustry new Business jet. Many design works on the PC12 and PC21 Pilatus Aircraft airplanes. Analysis and Design for Vulcanair VF600 airplane. Analysis and Design for OMA-SUD Sky car airplane. Analysis and Design for the Pagani Zonda and their new Huayra cars.

1993 - 2000

LN di Natalini Lino & C. s.r.l. Via Piermanni, 3 Montecassiano (MC) Italia. (Accessories for boilers and thermo hydraulic). (Number of employees: 75), UNI EN 29002/88 - ISO 9002/87 certificate company.

Duties

Technical Director and Development Manager. Responsible for new product development and purchasing assistance. Solve problems and improvement on existing products. Technical support to customer in order to solve their problems with our products. Assistance to the sales department. Visit new and old customer to introduce products. Patent on the aerodynamic of a new electric motor to improve the life. Develop of new methods to measurement losses duct systems components. Develop of fans testing machines. Design of better impellers, motors and other pieces for fans. Design of new sensors devising for air pressure switch. Design of better air pressure switch. Design of new flue component as roof terminals and wall terminal for boilers. Major customers (Worcester Bosch UK, Saunier Duval France, Vaillant Germany, Alcatel Germany, Wolf Germany, MTS Italy, Lamborghini calor Italy).

1993 - 1995

Analytical Methods Italia (Numerical Fluid Dynamic) Via G. Tonnini, 54 Osimo (AN) Italy

Duties

Partner on this partnership (tree partner). Analytical Methods Inc. (Seattle US) distributors. Software maintenance and installation. Fluid dynamic consultant. Provide training course. Marketing activities with the scope to contact new customer to sale software and consultant propose.

1992 - 1993

MEP PROGETTI (Numerical Fluid Dynamic) Via Alcide De Gasperi, 77 Osimo (AN) Italy

Duties

Software maintenance and installation. Fluid dynamic consultant. Provide training course. Marketing activities with the scope to contact new customer to sale software and consultant propose.

1986 - 1991

Club Planeadores La Plata Calle 15 N° 1443 La Plata (B) Arg.

Duties

Glider maintenance and reparation.

6. Hobbies

Aero modelling

Design and construction of many scale gliders for competition. Most of it with high technology materials. Competing in many national and international events with good performance.

Flying

Sport flying (gliders & ULMs)

Radio amateur

Category: general