**DAVID MARTIN BORREGUERO**

Calle Mazarredo 12, 3º A, 28005 Madrid, Spain – (+34) 629380520 – [dmarbor@gmail.com](mailto:dmarbor@gmail.com)

*Linkedin Profile:* [*es.linkedin.com/in/davidmartinb/*](http://es.linkedin.com/in/davidmartinb/)

*Committed and versatile professional in the Energy Performance and Renewable Energy industry, with several years of management, logistics and engineering experience in multicultural projects in the international arena and with strong organizational and problem solving skills. Effectively contribute to the successful attainment of individual and team targets identified in each position, and with significant interest in participating in varied dynamic multifaceted projects. Academic credentials include a MSc in Renewable Energy, and currently taking an Executive MBA in Instituto de Empresa.*

**PROFESSIONAL EXPERIENCE**

**ISDEFE Madrid, Spain**

*Isdefe is a state-owned leading consulting and engineering firm servicing domestic and international public bodies, with more than 25 years of experience.*

[**Infrastructures and Renewable Energy Plants Contract Manager**](https://www.linkedin.com/search?search=&title=Infrastructures+and+Renewable+Energy+Plants+Contract+Management&sortCriteria=R&keepFacets=true&currentTitle=CP&trk=prof-exp-title) **May 2013 - present**

* Support the Ministry of the Economy and Competitiveness (MINECO) of Spain in its bidding, offer evaluation, and project design, management and supervision efforts for construction and renewable energy power plants projects, as part of the FIEM (Funds for the Internationalization of Companies) program and the bilateral Spanish-"Nation X" Debt Swap Mechanism.
* Provide energy performance assessment and support to the Spanish Public Administration under the framework of the JESSICA program, with the aim of assisting with promoting and realizing energy efficiency and renewable energy public projects in less developed areas, through an efficient utilization of the EU Structural Funds.

**Project Manager at the Spanish Air Force HQ August 2006 - April 2013**

* Managed the daily logistics, maintenance and engineering support, and budgetary planning and control, of air weapon systems such as AMRAAM, MAVERICK, SPARROW and HARM, as well as of related aircraft launchers overhaul programs, in close collaboration with different US departments and armed forces support bodies (mainly USAF, USNavy and US DoT), as well as with leading defense companies in the US and Spain, succeeding in keeping the availability and readiness of missiles stockpile and fighter aircraft fleet at the highest levels required by the Spanish Air Force High Command.
* Participated as official representative of the Spanish Air Force in national and international working groups, forums, seminars and meetings, such as the NATO AVT-160 group, the NSPA, US AMRAAM Int. Users Conferences, FMS Transportation workshops, SP National Armament meetings, etc, with the aim of defending the Spanish Air Force’s interests, to exploit the synergies of international public bodies and industry collaboration, and to strengthen relations with involved Nations.

**CASSIDIAN (EADS GROUP) Madrid, Spain**

**Project Engineer, Eurofighter Typhoon Program April 2004 - July 2006**

*The EADS Group is a global leader in aerospace, defense and related services. Cassidian, worldwide leader in state-of-the-art solutions for armed forces and civil security worldwide, also makes EADS the major partner in the Eurofighter consortium and a stakeholder in MBDA, a missile systems provider.*

* Oversaw the daily issues concerning EADS-CASA (SP) structural design responsibility (SDR) assemblies stemming from the aircraft Production Major Airframe Fatigue Test (PMAFT), and coordinated with the rest of the Nations in the Consortium, with the aim of providing evidence of airframe durability under the required in-service loading by demonstrating a test fatigue life of 18000 test hours, to provide basic data for the applied structural health monitoring system (SHMS) to define the test correlation factors, and for the verification of the applied global FEM models for production.
* Analyzed the effect of various types of damage, of varying degrees of magnitude, to the structure of composite material used in the wing of the aircraft, with the aim of defining damage acceptance, repair or reject criteria, and describing standard suitable repairs for inclusion in the aircraft Structural Repairs Manual.

**BAE Systems Warton, Lancashire, UK**

**Structural Health Monitoring Engineer, Eurofighter Typhoon Program March 2003 - March 2004**

*BAE Systems is a global defense, security and aerospace company employing approximately 88,200 people worldwide. The Company delivers a full range of products and services for air, land and naval forces, as well as advanced electronics, security, information technology solutions and customer support services.*

* Participated in the evaluation and testing of the aircraft’s SHMS software, which was successfully validated by the end of 2004, as an essential airworthiness requirement to handle aircraft safety.

**CASSIDIAN (EADS GROUP) Madrid, Spain**

**Stress Engineer, Eurofighter, EF-18 Hornet, F-1 Mirage and C-101 programs July 1999 - Feb 2003**

* Provided theoretical evidence of the durability of the aircraft’s metallic wing structure, as part of the process of obtaining the aircraft Type Acceptance, formally granted by the the Consortium in June 2003.
* Identified the fatigue critical areas on the EADS-CASA (SP) SDR parts and assemblies and defined the type of instrumentation to be installed on those areas during the course of the Eurofighter PMAFT to be carried out by BAE Systems.
* Provided theoretical evidence of the durability of structural repairs for the Spanish Air Force’s EF-18 Hornet, F-1 Mirage and C-101 fleets.
* Developed a fleet leader program for the Spanish Air Force’s EF-18 Hornet fleet, based on the number of flight hours, type and number of missions flown, and actual fatigue-related damages or cracks findings, with the aim of adopting a more practical approach to fleet management, redefining and optimizing the specification on inspections, inspection interval time, preventive maintenance, repairs, modifications and damage assessments to minimize maintenance costs while preventing unexpected as well as expected structural failure.

**AERNNOVA, Aerostructures Division Alava, Spain**

**Quality Assurance Engineer, SJ-30 program October 1998 - June 1999**

*Aernnova is a global company that offers a complete range of products and services from conceptual design, to design and development, testing, certification, manufacturing and assembly and product support.*

* Validated Sino Swearingen SJ-30 business jet prototype parts, assemblies and inspection procedures against FAA rules and regulations, proving their fulfillment of airworthiness requirements as part of the process to obtain the aircraft Type Certificate.

**EDUCATION**

**IE BUSINESS SCHOOL Madrid, Spain**

***Executive MBA Candidate*** *Expected:*  **July 2014**

**CEU SAN PABLO UNIVERSITY Madrid, Spain**

***MSc in Renewable Energy* Oct 2011 - June 2012**

*Dissertation: Technical and profitability assessment of a wind farm project in Guadalajara, Spain*

**THE OPEN UNIVERSITY Milton Keynes, UK**

***Postgraduate Module in Systems Engineering* Oct 2010 - June 2011**

**AERNNOVA, Aerostructures Division Alava, Spain**

***Undergraduate training program* March 1998 -Sept 1998**

*Quality Assurance Department, EMBRAER-145 Program*

**POLYTECHNIC UNIVERSITY OF MADRID Madrid, Spain**

***BEng in Aeronautical Engineering* Sept 1994 - Sept 1998**

*Dissertation: Optimization of carbon fiber aircraft parts curing process in an autoclave*

**ADDITIONAL INFORMATION**

* **Languages:** Spanish (Native). English (Fluent: 1 year living in the UK, CPE by Cambridge University, EMBA program in English)
* **Other courses:**
  + Courses on Renewable Energy and Energy Performace (2009-2012)
  + Courses on Aging and Surveillance of sensitive materials (2009)
  + Courses on Static, Dynamic and Fatigue analysis of structures (2002-2006)
* **Hobbies:** Scuba diving and snorkeling, squash and padel tennis, indoor cycling and muscular exercising, motorcycling.