

## Curriculum Vitae

### **PERSONAL INFORMATION** Carlos de Blas Sala



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Sex Male / Date of birth 09/09/1987/ Nationality Spain.

### **JOB APPLIED FOR** Mechanical engineering technician

### **WORK EXPERIENCE**

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#### **2012-Present Consultant Engineer ALTRAN TECHNOLOGIES, Zaragoza-Madrid (Spain)**

Main tasks; design primary metallic structural parts, using sheet metal, composite and machining technologies.

It implies to provide a successful solution combining stress & manufacturing requirements.

#### **(March 2014 –May 2014) Manufacturing engineering support (OGMA-Industria aeronáutica de Portugal S.A)**

Functions: Team leader / Designer engineer

Analysis of thermal performance of composites curing molds, during cycle into autoclave.

Definition of critical position of thermocouples in mold to control performance during curing cycle. Creation and modification of ITM's (Assembly technical instruction)

#### **(November 2013 – December 2013) Consulting engineer (check and manufacturing) Sponson MLGB and elevator KC390 program (Embraer)**

Design review of Sponson MLGB and elevator.

Performing document inspection and product design modifications in CATIA.

GD&T check of MLGB Sponson parts and elevator.

Part list check of the different parts of the design (SAP) and manufacturing material libraries. *Enovia*.

Technical Assistance (Spain-Portugal).

#### **(July 2013 – October 2013) Design engineer for center fuselage of KC390 program (Embraer)** **CLIENT: CEIIA -EMBRAER (KC390)**

Functions: Team leader / Designer engineer

Modifications of primary structure, center fuselage KC390.

Design, control and modification of 3D models with CatiaV5.

#### **(January 2013 – June 2013) CLIENT: EMBRAER PORTUGAL, METALLIC STRUCTURES S.A.**

Functions: Designer engineer/ Milling and control devices for vertical tail products (design and manufacturing) VTP KC390.

#### **(2011-2012) Internship- Tooling design ALTRAN TECHNOLOGIES, La Almunia de Doña Godina (Zaragoza) (Spain)**

## **EDUCATION AND TRAINING**

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(2012-2013) **Internal courses** (ALTRAN TECHNOLOGIES, Madrid)

Materials and Manufacturing.

Catia V5 full 3D FTA

Chains of dimension.

VPM (Basic)

(2006-2011) **Technical Industrial engineer, Mechanical (specialty design and analysis of Machines)** (POLYTECHNIC UNIVERSITY, La Almunia de Doña Godina, Zaragoza, Spain)

(2006) **Management Skills and Competences** “II curso competencias directivas”

## **PERSONAL SKILLS**

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**Mother tongue(s)** Spanish

**Other language(s)** English (Medium), Portuguese (Basic)

**Communication skills** Adaptability to different environments, multicultural teams, interaction with several clients in Spain, France, Brazil.

**Organizational/managerial** Skills organizational and leadership skills

**Job- related skills** positive attitude, proactivity.  
Strong organizational skills in a variety of situations to achieve deadlines.  
Have initiative and can work independently or as part of a team.  
Adaptable and quick to learn new skills.

**Computer skills** Catia V5 (partdesign, sheetmetal, composite, assembly, FT&A) (5 years).  
Enovia (VPM) 5 months.  
Autodesk inventor 2011 (3 years)  
Solidworks (beginner)  
Derive, statgraphics, ms proyect, Office.

## **ADDITIONAL INFORMATION**

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Driving licence.