

# CURRICULUM VITAE

## PERSONAL INFORMATION

First name / Surnames	<b>Jaime Martínez Chapín</b>
Adress	Rambla Poblenou 35 1º3ª, 08005 Barcelona (Spain)
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E-mail	jmartinezchapin@gmail.com
Nationality	Spanish
Date of birth	16 April 1986
Gender	Male

## OCCUPATIONAL FIELD Aviation Industry / Airlines

### WORK EXPERIENCE

Dates (from – to)	From December 2013 to Today
Name and address of employer	AERNNOVA ENGINEERING DIVISION, Bilbao, Spain PARQUE TECNOLÓGICO DE ZAMUDIO, C/ ASTONDO BIDEA ED. 614, 48150 DERIO, VIZCAYA (SPAIN).
Occupation or position held	Stress engineer
Main activities and responsibilities	Project: <b>BOMBARDIER BD500 CSERIES 300 CENTER WING BOX</b> <ul style="list-style-type: none"><li>- CS300 CWB Ribs and Wing Root Joint. Static analysis by hand for flights loads, ground loads and emergency conditions (NASTRAN &amp; PATRAN).</li><li>- Analysis of Allowable Damage Limit (ADL) for in service reparations.</li><li>- CS300 CWB Ribs and Wing Root Joint. Fatigue analysis by hand for flights loads, ground loads and emergency conditions.</li><li>- Damage Tolerance Analysis (DTA). Crack growth analysis and residual strength check. Threshold and inspection intervals according to inspection methods for recommended maintenance schedule.</li><li>- Static analysis of test equipment installation.</li><li>- Support to composite and metal deviations (RNCs).</li><li>- Stress and certification reports.</li></ul>
Dates (from – to)	From February 2013 to December 2013
Name and address of employer	AERNNOVA ENGINEERING DIVISION, Bilbao, Spain PARQUE TECNOLÓGICO DE ZAMUDIO, C/ ASTONDO BIDEA ED. 614, 48150 DERIO, VIZCAYA (SPAIN).
Occupation or position held	Stress engineer
Main activities and responsibilities	Project: <b>BOMBARDIER BD500 CSERIES 100 CENTER WING BOX</b> <ul style="list-style-type: none"><li>- CS100 CWB Ribs and Wing Root Joint. Static analysis by hand for flights loads, ground loads and emergency conditions (NASTRAN &amp; PATRAN).</li><li>- Analysis of Allowable Damage Limit (ADL) and in service repairs.</li><li>- CS100 CWB Ribs and Wing Root Joint. Fatigue analysis by hand for flights loads, ground loads and emergency conditions.</li><li>- Damage Tolerance Analysis (DTA). Crack growth analysis and residual strength check. Threshold and inspection intervals according to inspection methods for recommended maintenance schedule.</li><li>- Static analysis of test equipment installation.</li><li>- Support to composite and metal deviations (RNCs).</li><li>- Stress and certification reports.</li></ul>

Dates (from – to)	From July 2012 to February 2013
Name and address of employer	AERNNOVA ENGINEERING, Vitoria - Gasteiz, Spain PARQUE TECNOLÓGICO DE ÁLAVA, C/ LEONARDO DA VINCI 13, 01510 MIÑANO, ALAVA (SPAIN).
Occupation or position held	Stress engineer
Main activities and responsibilities	Project: <b>EMBRAER KC – 390</b> <ul style="list-style-type: none"> <li>- Embraer KC – 390 Pressure Bulkhead. Static Analysis by hand for flights loads and ground loads. Elaboration of sizing reports and stress reports.</li> <li>- Embraer KC – 390 Door attachment. Static Analysis by hand of attachments for flights loads and ground loads, open door and closed door cases.</li> <li>- Embraer KC – 390 Rear Fuselage II. Collaboration in development of Global FEM model (NASTRAN &amp; PATRAN).</li> </ul>
Dates (from – to)	From July 2011 to September 2011
Name and address of employer	AENA Aeropuertos – Aeropuerto de Palma de Mallorca 07611 PALMA DE MALLORCA, ISLAS BALEARES (SPAIN)
Occupation or position held	Trainee
Main activities and responsibilities	<b>OPERATIONAL SAFETY AND SECURITY DEPARTMENT</b> <ul style="list-style-type: none"> <li>- Airport Emergency Plan. Review and development of processes and procedures.</li> <li>- Airport Certification Report. Review, development and implementation of processes and procedures.</li> <li>- Airport Security Plan. Updating or processes and procedures.</li> </ul>
Dates (from – to)	From June 2009 to November 2009
Name and address of employer	W Aeronáutica Consultoría e Ingeniería SL VILADECANS BUSINESS PARK, C/ CATALUNYA 83 – 85 ED. BRASIL, 08840 VILADECANS, BARCELONA (SPAIN)
Occupation or position held	Trainee
Main activities and responsibilities	Project: <b>EN9100 QUALITY MANAGEMENT SYSTEM</b> <ul style="list-style-type: none"> <li>- EN9100. Design, calculation and testing manuals edition for an Airbus subcontractor.</li> </ul> Project: <b>ULTRAMAGIC BALLOONS</b> <ul style="list-style-type: none"> <li>- CAMO and Maintenance Plan manuals edition.</li> </ul>
<b>EDUCATION AND TRAINING</b>	
Dates (from – to)	From September 2004 to February 2012
Name and type of organization providing education and training	Escuela Técnica Superior de Ingenierías Industrial y Aeronáutica, ETSEIAT, Terrassa, Barcelona Universidad Politécnica de Cataluña, UPC, Spain
Principal subjects / occupational	Aeronautical Engineering (5 yr), specialization in airport infrastructures.
<b>PERSONAL SKILLS AND COMPETENCES</b>	
Mother tongues	<b>Spanish, Catalan</b>
Other languages	<b>English</b>
Reading skills	Very good
Writing skills	Good
Verbal skills	Good

Organizational skills and competences

Gift for teamwork.  
Communication skills.  
Analytical, detail oriented and thorough approach at all time.  
Ability to create and maintain complex reports involving large amount of data.

Technical skills and competences

MICROSOFT OFFICE: Word, Excel, PowerPoint, Outlook  
FINITE ELEMENTS: MSC Patran, MSC Nastran (linear and non linear solutions), Hypermesh  
DESIGN: Catia V5, AutoCAD  
OPERATIVE SYSTEMS: MS Windows, UNIX  
STRESS ANALYSIS TOOLS: Nasgro (NASA), Gamsort (AERNNOVA)

Other skills and competences

Driving license