

## CURRICULUM VITAE

### PERSONAL INFORMATION

- Name José Luis Navas Alfaro
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### EDUCATION

- March 2.014 Last course of Aeronautical Engineering with one subject (aeroelasticity) and Final Degree Project. Specialization: Aircrafts.
- September 2.009 Second degree in the Higher Technical School of Aeronautical Engineers (E.T.S.I.A), Polytechnic University of Madrid.
- June 2.009 Aeronautical Technical Engineer by the Polytechnic University of Madrid. Specialization: Air Navigation. Average marks: 7'24.
- Final Degree Project: "*Software para la simulación de una consola radar*". Awarded a mark 10.
- September 2.005 First degree in the School of Technical Aeronautical Engineering (E.U.I.T.A), Polytechnic University of Madrid. Specialization: Air Navigation.
- June 2.005 University entry exam at Rey Juan Carlos University (Fuenlabrada's campus). Average marks: 7'11.
- May 2.005 High School Degree in Technology mode. Average marks: 7'80.

### COURSES AND CONFERENCES

- February 2.013 Successfully completed and passed the course "*Curso básico de diseño con CATIA v5*" (22 hours), in the Higher Technical School of Aeronautical Engineers (E.T.S.I.A), Polytechnic University of Madrid.
- November 2.011 Attendance at "*II Seminario sobre actividades espaciales y derecho*" (12 hours), in the Higher Technical School of Aeronautical Engineers (E.T.S.I.A), Polytechnic University of Madrid.
- October 2.010 Attendance at "*XIV Jornadas de Estudios Históricos Aeronáuticos*" (10'5 hours), AENA foundation, in Casa de América (Madrid).
- November 2.008 Successfully completed and passed the course "*Diseño de Procedimientos Instrumentales de Vuelo basados en Navegación*"

*Convencional*” (100 hours), in the School of Technical Aeronautical Engineering (E.U.I.T.A), Polytechnic University of Madrid

## WORK EXPERIENCE

- November 2.013      Working in the laboratory of Mecánica de Sólidos y Teoría de Estructuras (Dpto. Vehículos Aeroespaciales, UPM) collaborating in trials for the research project “*Estudio de la evolución de propiedades de anisotropía en metales en grandes deformaciones*” (Project leader: Francisco Javier Montáns Leal; Internal project code: C11013501). Job at this moment.
- August 2.012      One-month collaboration in Transmissions Logistics Center (GRUMAN) of the Spanish Air Force (Ministry of Defence). Collaboration in air defense and land systems, avionics and so on.
- October 2.008      Three-month collaboration in the Department of Infrastructure, Aerospace Systems and Airports of the Polytechnic University of Madrid. Collaboration in the courses “Euromed Project PANS-OPS RNAV Course (56)” y “*Diseño de Procedimientos Instrumentales de Vuelo basados en Navegación Convencional*”.

## LANGUAGES

- English: studying for the First Certificate in English (FCE).

## COMPUTER SKILLS

- Operating Systems:
  - Windows; User level.
- Programming languages and mathematical tools:
  - Motorola 68000 Assembler; starter level (subject: “Data Processing Systems”).
  - Derive; user level (subject: “Calculus I”).
  - Matlab; medium level (subjects: “Theory of Communication”, “Command and Control systems”, “Avionics” and so on).
  - Maple; starter level (subject: “Helicopters and Aircraft Various II”)
- Design and drawing tools:
  - AutoCAD; medium level.
  - CATIA v5; starter level (course: “Basic course of design with Catia v5”).
  - Solid Edge; starter level (subjects: “Graphic Design” and “Production Systems I”).
- Tools electrical and electronic circuits:

- OrCAD PSpice; medium level (subjects: “Physics II”, “Electric Circuits” and “Electronic”).

➤ Other tools:

- Microsoft Office (Word, Excel, Power Point and so on); user level.
- Latex (text editor); basic level.

**MISCELLANEOUS**

- Driving license B (since July 2009).
- Availability to travel.