Curriculum Vitae: José Luis Navas Alfaro

Date of birth: December 05, 1.987; **Phone:** 670 63 57 34; **E-mail:** jl.navasalfaro@gmail.com

EDUCATION

2.014: Aeronautical Engineer by the Polytechnic University of Madrid (Higher Technical School of Aeronautical Engineers). Specialization: Aircrafts. Final Degree Project: "*Avión turbohélice regional Alpha-R1*". **2.009:** Aeronautical Technical Engineer by the Polytechnic University of Madrid (School of Technical Aeronautical Engineering). Specialization: Air Navigation. Final Degree Project: "*Software para la simulación de una consola radar*". **2.005:** High School Degree in Technology mode. University entry exam at Rey Juan Carlos University.

COURSES & CONFERENCES

2.013: Course "*Curso básico de diseño con CATIA v5*" (22 hours), in the Higher Technical School of Aeronautical Engineers, Polytechnic University of Madrid. **2.011:** Conference "*II Seminario sobre actividades espaciales y derecho*" (12 hours), in the Higher Technical School of Aeronautical Engineers, Polytechnic University of Madrid. **2.010:** Conference "*XIV Jornadas de Estudios Históricos Aeronáuticos*" (10´5 hours), AENA foundation, in Casa de América (Madrid). **2.008:** Course "*Diseño de Procedimientos Instrumentales de Vuelo basados en Navegación Convencional*" (100 hours), in the School of Technical Aeronautical Engineering, Polytechnic University of Madrid.

WORK EXPERIENCE

2.013: Five-month collaboration in the Dpto. Vehículos Aeroespaciales, UPM. Collaboration in trials for the research project "*Estudio de la evolución de propiedades de anisotropía en metales en grandes deformaciones*" (laboratory of Mecánica de Sólidos y Teoría de Estructuras). **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. **2.008:** Three-month collaboration in the Dpto. Infrastructure, Aerospace Systems and Airports, UPM. Collaboration in the courses "*Euromed Project PANS-OPS RNAV Course (56)*" and "*Diseño de Procedimientos Instrumentales de Vuelo basados en Navegación Convencional*".

LANGUAGES & COMPUTER SKILLS

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

Operating Systems: Windows: user level. **Programming languages & mathematical tools:** 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 2.009).
Availability to travel.