



Jean-Sébastien SEYTRE
Date of Birth: 21 April 1976,
Married, 2 children

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Aerospace Technologies Engineer and Program Manager

SKILLS

TECHNICAL

- **Aerospace Technologies and Engineering** - 25 years of experience
- **Project Management - team management**
- **Pilot**: over 1200 flight hours, Private Pilot (PPL), Ultra-light, Sailplane Pilot (SPL) – many qualifications: Flight Instructor, cross-country flights, aerobatic, seaplane, multi-engine etc.
- **Commercial negotiation**
- **Insurance**: Underwriting, risk management
- **Technical writing and presentation**: more than 50 articles published, radio interview and Podcast
- **Computer Sciences** : Microsoft Office etc.
- **Foreign Languages**:
 - **English**: negotiation (TOIEC score: 965)
 - **German**: fluent, more than 20 weeks spent in Germany
 - **Spanish**: written, spoken, read, Graduated Level 2 in Paris council course

BEHAVIORAL

- International experience: knowledge of professional cultures worldwide (USA, India, Russia, etc.)
- Decision-making: Ability to work independently or as a member of a team
- Sense of relationship, inter-personal communication, adaptability, result orientated, continuous improvement, forward thinking

[More details here](#) (in French)

WORK RECORD

- **Since January 2023: Space and Aviation technologies expert (JSS Aerospace Consulting)**

I have created my own structure to offer a wide range of services with regard to my expertise:

- Project Manager, space technical advisor (long-term programmes or short-term consultancy)
- Satellite Operations (from LEOP to deorbiting)
- Launch and in-orbit anomalies analysis; report and «lesson learnt" preparation (manufacturers, operators, insurers)
- Space risks analysis / insurance placement (benchmarking, technical advice to underwriters)
- Press kits, article and interview for the space and aviation industries.

Customers:

- Cooper Gay, Allianz (space technical advisor),
- Piloter, Pilot, Aerokurier etc. (aviation and space articles)
- Vivre FM, Soaring the Sky (interview and podcast)
- Institut des Actuaire (space risks presentation) etc.
- ULM Paris (flight and ground Instructor)

- **December 2014 – December 2022: Senior Space Risks Expert and Underwriter, deputy manager (Allianz, Paris)**

- Space risks underwriting (launch, IOL, TPL etc.)
- Technical risk assessment for launchers and satellites (including analysis in case of loss)
- Participation to manufacturers' visits and conferences
- Trading with brokers; analysis of the wording of insurance contracts
- General aviation and MRO risk analysis support.

- **July 2010 - December 2014: EUTELSAT 25B satellite Operations Project Manager (EUTELSAT – Paris)**

In charge of EUTELSAT 25B procurement - first LS1300 Omega 3 satellite:

- In charge of the master schedule for operational activities, from EDC to in-orbit control, in coordination with the satellite manufacturer (MAXAR, Palo Alto) and the ground segment provider (GMV, Madrid)
 - Drafting, redlining and modifying the deliverables (including specification of the ground segment user interface), up to final acceptance, to comply with EUTELSAT standards
 - Involvement of a team of contributors and experts
 - Leading the Operational Reviews (from POR to IOAR) - in Palo Alto and Paris
 - Participating in the release payments and project orientation at the end of each milestone.
- **June 2003 - December 2014: Senior Spacecraft Operation Engineer and platforms lead (EUTELSAT – Paris)**
 - In Orbit Control of geostationary Satellites – Maxar and ISS platforms operations manager
 - Liaising with satellite manufacturers regarding all operational aspects of the satellites
 - Preparation of yearly reviews; representing EUTELSAT at international conferences
 - Monitoring of the performances of in-orbit satellites (from LEOP to deorbiting)
 - Anticipation of operational problems and on-call support (actions to ensure satellite safety).
 - **October 2000 - May 2003: Spacecraft Operation Engineer (Assystem / TAS - Cannes)**
 - Flight manuals and control procedures for the Spacebus satellites, drafting and validation
 - Training of operational engineers at customer premises
 - In Orbit Tests and Control before final delivery to the customer
 - Study of stress map and link sizing in a satellite, design of a workstation desk etc.
 - **Since July 2000: Aerospace and Defence Journalist (Piloter, Pilot, Air Forces Monthly etc.) – member of AJPAE**

General and Military Aviation and Space articles (pilot reports, lesson learnt, military missions etc.).
 - **March - July 2000: Trainee Engineer (Eurocopter (Airbus Helicopters) – Marignane)**

Within the Blade division, Static and Dynamic Analysis of blades under strong gust of wind (ageing, algorithm...)
 - **July - September 1998: Trainee Engineer (DG Flugzeugbau – Karlsruhe)**

Elaborating Taxiing Wheel Device for a motorglider. Static measurements on the fuselage.

ACADEMIC BACKGROUND

- **2018: Satellites design and environment (EUROSAE – ISAE Toulouse)** – classroom and industrial visits (Architecture and subsystems, Missions, mechanics and environment).
- **2014 : IAE Message score : 270** (national average : 182,82)
- **2012:** in-service training in **Project Management** and **Process Com**
- **1999 - 2000: Master in Space and Aeronautical Technologies (DESS, equivalent to a Master of Science)**, Technopole de Château-Gombert (University of the Mediterranean, Marseille)
- **1997 - 1999: Maîtrise de Mécanique (Bachelor of Mechanics) at University Paul Sabatier, Toulouse,** (specialization in aerodynamics)

HOBBIES, VOLUNTEERING and others competencies

- **Aviation and Space:**
 - active flying clubs member, journalist for aerospace magazines (10 different magazines)
 - Selected for the initial stages of 2022 ESA astronaut recruitment.
- **Member of the Streaming Council** of the Fondation Malakoff-Humanis Handicap: review and guidance for projects before final approval by the Board.
- **Modelling** within « Esthétique & Handicap » awareness-raising campaign
- **Numerous trips:** worldwide.