

Erik Schoep

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PERSONAL DATA

Address: Thom Postumahof 21
1384 AE Weesp, the Netherlands
Date of birth: October 19, 1976
Nationality: Dutch

PROFESSIONAL EXPERIENCE

- 2015-today **Service Engineer Structures & Interiors**
Fokker Services, Hoofddorp, the Netherlands
Responsible for technical support to Fokker 50/60 and 70/100 operators and elaboration of modifications to non-Fokker commercial aircraft.
- Response to technical requests from operators on structures and interiors;
 - Design and certification of structural repairs and modifications;
 - Incident investigation;
 - Technical approver for Weight & Balance changes;
 - Design for VIP conversion Comac ARJ21 (Catia V5).
- 2013-2015 **Structures Engineer**
Arkefly, Schiphol-Rijk, the Netherlands
Responsible for structures reliability and safety of B737NG, B767 and B787 fleet within the Arkefly Part M organisation.
- AOG support for structural damages, in collaboration with Part 145 organisation and OEM;
 - Evaluation and accomplishment of Service Bulletins, Airworthiness Directives;
 - Fleet modification projects, such as Split Scimitar Winglets STC;
 - Preparation for structures related issues for entry-into-service B787;
 - Responsible for Modification Review Process and modification status (all ATA's).
- 2012-2013 **Certification Engineer**
B/E Aerospace Holland, Nieuwegein
Outsourced by Silver Aerospace, Haarlem, the Netherlands
Responsible for obtaining and maintaining airworthiness certification of galley inserts (ovens, coffee makers, water boilers).
- Technical substantiation of design modifications and notification to (S)TC-holders;
 - Interpretation and compliance check of regulatory and OEM requirements;
 - Elaboration of test plans and reports for environmental, structural and fire tests;
 - Witnessing of qualification tests and analysis of test results.
- 2011-2012 **Service Bulletin Engineer**
Grupo TAM, Airbus Service Engineering subcontractor, Madrid, Spain
Authoring of Service Bulletins for all Airbus aircraft types, both for systems and structures.
- Investigation of modification documentation, drawings and manuals;
 - Collaboration with Airbus Design Office and proposal for improvement and changes;
 - Elaboration of work instructions in Simplified Technical English;
 - Definition of technical illustrations;
 - In-service validation and proofreading of Service Bulletins.
- 2006-2011 **Team Leader Structures Engineering**
Aeroman, El Salvador, Central America
Engineering support for MRO base maintenance for Southwest Airlines, US Airways, Jetblue Airways, TACA Airlines and others.
- Design, technical substantiation, documentation and certification of repairs and mods to metal and composite structures. Reverse engineering;
 - Experience with B737CL, B757 and A320 family aircraft;
 - Collaboration with FAA DER's and Boeing AR's for certification of repairs;
 - Elaboration of damage reports and repair proposals OEM;

- Liaison between OEM, operator and base maintenance staff;
- Authoring of Engineering Orders for documentation and accomplishment of tasks;
- Support to maintenance staff and other departments within the company for technical problems;
- Aging aircraft monitoring: SSID inspections and repair assessment;
- Team lead to a staff of five engineers.

2004-2006 **Structures Engineer**

TACA International Airlines, El Salvador, Central America

Line and base maintenance support for Airbus A320 family aircraft.

- Design and documentation of repairs and modifications;
- Technical AOG support, on-site and remote;
- Evaluation of AD's and SB's and supporting the accomplishment;
- Proposals and feasibility studies for fleet modifications;
- Accomplishment of component reliability projects.

2004-2011 **Freelance Translator**

- Aeronautical glossary English-Dutch, Goursau, France;
- Legal documents and diplomas, Spanish-Dutch, El Salvador.

2003-2004 **English Teacher**

Academia Europea, El Salvador, Central America

EDUCATION

2003-2006 **Bachelor in Communication - Translation Spanish-Dutch**

Instituut voor Tolken en Vertalen, Utrecht, the Netherlands

1995-2002 **Master of Science Aerospace Engineering**

Delft University of Technology, the Netherlands

Major: Design and Operation of Aircraft.

Thesis: *ICAD code for the preliminary sizing and loads analysis of a blended wing body.*

Development of software code for the parametric design for a new concept passenger transport aircraft.

1999-2000 **Conceptual Design Flying Wing for Passenger Transport**

ETSI Aeronáuticos, Universidad Politécnica de Madrid, Spain

European Union ERASMUS scholarship exchange

Project published as: R. Martínez-Val and E. Schoep. *Flying wing versus conventional transport airplane: the 300-seat case.* ICAS Conference 2000, Harrogate, England.

1989-1995 **Secondary School**

Stedelijk Gymnasium, Den Bosch, the Netherlands

TRAININGS

- Aircraft Structures and Loads (NAV-03 Part 2), ISAE-Súpaero, Toulouse
- 787 Composite Repair for Engineers, The Boeing Company, Miami
- 7X7 Aircraft Structural Repair for Engineers Part I, Alteon, a Boeing Company, Seattle
- Structure Repair for Engineers – Metallic Structure, XSC1 training, Airbus, Toulouse
- Advanced Composite Structure Inspection and Repair, Aveos Technical Training, Vancouver
- Boeing 787 General Familiarization training, Monarch, UK
- Design in CATIA V5, Foindesa, Madrid
- Finite elements analysis using MSC Patran/Nastran 2010, Fundación UNED, Madrid
- Structures and NDT seminar, Boeing Service Engineering
- Structures and Aging Aircraft seminar, Boeing Service Engineering
- Basic Mechanic Course, TACA/Aeroman, El Salvador
- Part 21 training, AeroDAC Ltd.
- Recurrent regulatory trainings: EASA Part M, Part 145, Human Factors, EWIS, SFAR88, ETOPS, MSG3

LANGUAGES

Dutch native
 English fluent, both oral and written; Simplified Technical English (ASD-STE100)
 Spanish fluent, both oral and written; certified translator level