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## PROJECT MANAGER / HEAD OF DESIGN OFFICE

### CURRICULUM AND SKILL

#### ➤ SKILLS

- Mechanical Engineer / Technical Focal Point
- Static and Fatigue & Damage Tolerance calculations
- Structural Repair Manual justification
- Pre-sales: quotation, writing of technical and commercial proposals / support to the commercial teams during customer visits

#### ➤ TRAINING

- DOA scope, organization, airworthiness rules and focus on the CS 25.

#### ➤ OPERATIONAL LEVEL

- Head of design office
- Project manager
- Technical manager/ Team leader

#### ➤ LANGUAGE

- French: mother tongue
- English: fluent (daily use)

### PROFESSIONAL EXPERIENCE

#### SAFRAN Engineering Services – Toulouse

##### From January 2016 – Head of the Aerostructure Design office:

- Manager of the Aerostructure Design service, constituted by more of 50 designers (technicians and engineers). Service activities are shared between Technical support and Fixed Price Project on different topics: support for product in service or/and product that manufacturing is on going, structural modifications, armoring aspect, design of manufacturing tools... Current customers are: Airbus, ATR, STELIA Aerospace, SAFRAN (SNECMA, LABINAL POWER SERVICE). Budget for one year 4 000 000 euros.

Manager aspect: resources management, follow up of the workload / capacity, follow up of the budget, of the billing, of the orders, of suppliers, quotation and writing of proposal in the framework of call of tender, support to the commercial teams and prospecting of contract to come by customers visits.

##### From July 2013 to December 2015 – Project Manager A350 S11 (cockpit) – customer STELIA:

- Technical leader of a local team of **40 stress Engineers** in the framework of the A350 Section 11 certification. Technical support of the team and technical focal point for exchanges with the customer.

Project manager aspect: resources management, follow up of the workload / capacity, follow up of the deliveries planning, follow up of the budget. Total budget: **5 800 000 euros** (20 000 work days)

Management of the suppliers involved on the project (up to **60 stress engineers** shared between India, Spain, Morocco and local sub contractor)

Software: PATRAN/NASTRAN, PDM Link, ProductView, Catia V5, SAP

## ELAN-AUSY Group – Toulouse – from 2001 to July 2013

### **From 2009 to June 2013 – AERONAUTICAL Project manager / Team Leader:**

- **For STELIA and for Airbus Hamburg:** Technical leader of a team of **11 stress Engineers** in the framework of the ESG program applied to the fatigue SRM for sections 11/12, 13/14 (for AEROLIA) and sections 15 to 19 (for Airbus Hamburg) of A320 : all SRM topics are included in the scope.

Project manager aspect: follow up of the workload / capacity, follow up of the budget. Total budget: 2 700 work days

- **For LATECOERE:** Technical leader of a team of 2 stress Engineers for fatigue analyses of the A350 Nose fairing during MATC step and justification step.
- **For SAFRAN Engineering Services:** Technical leader of a team of 4 stress Engineers in the framework of the ESG program applied to the fatigue SRM for sections 11/12 of all LR aircraft family : Rework 0 - 50%, Dent, Lightning Strike repair, Bush repair and External skin repair.
- **For SAFRAN Engineering Services: Technical leader** of a team of 4 stress Engineers in the framework of the ESG program applied to the fatigue SRM for sections 11/12 of all LR aircraft family : Rework 0 - 50%, Dent, Lightning Strike repair, Bush repair and External skin repair.

Project manager aspect: follow up of the budget. Total budget: 450 work days

- **For LATECOERE: Technical leader** of a team of 7 stress Engineers for the justification (static and fatigue) of the WP11116 of A380e.
- **For Airbus – Bremen:** expertise and technical leader of a team of stress Engineers for the fatigue justification of A400M ramp floor :
- **For SAFRAN Engineering Services: Technical management** of engineers team : static, fatigue and damage tolerance justification of nose fuselage junctions for A330-200 GMF SRM - Rework 0 to 50% - Dent - Lightning Strike repair and 50FC, Bush repair.

Software: SAFE, ASSIST, PATRAN/NASTRAN, DYNFEST

### **From 2007 to 2009 - AERONAUTICAL Project manager – customer LATECOERE:**

- **Technical management of 6 engineers:** static, fatigue and damage tolerance justification of Fwd Upper Shell for A330-200 GMF SRM - Rework 0 to 50% and 100% - Dent - Lightning Strike repair and 50FC - Bush repair - Plug repair – Doubler – Track rework and Track repair.
- **Technical management of 8 engineers:** post sizing (mat B to mat C), justification and certification in static, fatigue and damage tolerance of A330-200 GMF Fwd Upper Shell: floor, frames, and stiffener panels.

Project manager aspect: resources management, follow up of the workload / capacity, follow up of the budget. Total budget: 800 000 euros (2 600 work days).

Software: ACSA, PSN tools, SAFE, ASSIST, Patran/Nastran, Cadds 5

### **September 2001 – March 2007 - Study for Airbus**

- Technical management of engineer team: sizing of the fuel system in A400M.
- Technical management of engineer team: certification of A340 HGW wing box.
- Static certification / SRM justification of A330/A340-300 WV052 section 15-21.
- Static certification of A318 nose fuselage.

Software: ACSA, PSN tools, ASSIST, GILDA, Patran/Nastran, Catia V5

**EMI – Meudon – 2001 – September 2001**

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**Study for Airbus on behalf of HUREL-HISPANO and LATECOERE.**

- Fatigue and damage tolerance certification of A340-600 nose landing gear box.

Software: PSN tools, ASSIST, SAFE

**HELIOT INTERNATIONAL - Troyes – September 2000 – December 2000**

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**Design engineer: design of machine for the textile industry.**

Software: Pro Engineer

## **SCHOOL**

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**E.N.I.M. – METZ – from 1995 to 2000**

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E.N.I.M.: Ecole Nationale d'Ingénieur de Metz