

GESSE SCIACCA

Montreal, Quebec

514-942-6398 Mobile

gesse.sciacca@gmail.com

Highly motivated, confident and passionate aviation professional with extensive experience in avionics engineering, design and certification. Able to analyze, negotiate and propose viable solutions.

Skills:

Avionics Engineering.

Systems Integration.

System Certification.

Troubleshooting.

SUMMARY OF PROFESSIONAL EXPERIENCE:

Supplemental Type Certificate (STC) development:

Flight manual supplements (FMS).

Maintenance Manual supplements (MMS).

Damage tolerance analysis (DTA).

Electrical Load Analysis (ELA).

Customer Service.

Product Support.

Fleet maintenance.

PROFESSIONAL EXPERIENCE:

**1995 – 2017 Innotech Aviation
Dorval, Quebec, Canada**

Director of Avionics & New Product Development

Responsibilities:

Manage the Avionics Design department.

Maximize efficiency of the department while keeping everyone motivated, challenged and moving toward their professional development goals. Evaluate deadlines, allocate resources manage budgets and schedules.

Responsible for the design of Electrical and Avionics systems and Supplemental Type Certification (STC) documents such as:

Electrical system schematic drawings (ESSD).

Functional test engineering requirements(FTER),

Ground test procedures (GTP),

Flight test procedures (FTP),

Flight manual supplements (FMS),

Instructions for continued airworthiness (ICA)....

Provide post-delivery assistance and ensure the resolution of issues in a timely manner.

Provide support to sales , assist with presentations and special requests.

Provide support to the Avionics Test Department and Estimating Department.

Participate in Critical Design Reviews (CDRs).

Contributions:

Development of several programs such as:

Navigation Systems: GPS, FANS, ADSB, EFB.

Cabin Management Systems: IFE, WI-FI media distribution, LAN,

Satcom: Iridium, SBB, Ku / Ka Band.

2005 Developed the "Skyberry" Stc for Challengers, which enabled texting via the Iridium Satcom.

2006 Developed a cabin air purification system Stc named the "ICAIR" system for the Global Express.

2009 Accomplished the design and certification of the first Ku band Internet system Stc for the Global Express named the "I-Ku".

2012 Accomplished the first combined I-Ku band Internet and Tailwind 500 Sat T.V. design and certification for the Global Express.

2014 Conducted research & development of a virtual sunroof for the Global Express.

2015 Participated in the development of an electrical cabin table for the Global Express.

2016-2017 Worked on the development for the Honeywell Jetwave Ka band Internet Stc for the Global Express and collaborated on future Ka band Stc's and Ka band Radome requirements.

**1989 – 1995 Exequire Inc.
Dorval, Quebec, Canada**

Avionics Manager:

Responsibilities

Supervise the Avionics & Electrical departments.

Responsible for all Avionics activities including Estimating.

Avionics System Upgrades,

Manage certification requirements and scheduled maintenance.

Tasks:

Installation and maintenance of systems such as :

RVSM, TCAS ,GPS,EGPWS.FMS,VHF,HF,AP/FD ,Air Data,

CMS.

ACADEMICS:

Teccart Institut de Technologie

Montreal, Quebec

Diploma in Electronics.

Transport Canada

Montreal, Quebec

AME (Aircraft Maintenance Engineer) license all categories.

Transport Canada

Ottawa, Ontario

Aircraft certification.

Various vendor courses:

Honeywell
Rockwell Collins
Universal Avionics
Satcom Direct

Trilingual: English, French and Italian.

Canadian and European Passports.
