

## PROFILE

- 20 years of Aviation Industry experience, including two years in Canada
- BSc in Mechanical Engineering; Licensed Philippine Mechanical Engineer
- Application for APEGBC licensing is in process (Registered)
- Worked as an Aircraft Component Reliability Engineer for Philippine Airlines
- Experienced in 5S and KAIZEN Process Improvement Programs
- Experienced with Solid Works AutoCAD, Deck Builder, WORMS, TRAX, VM (Visual Manufacturing), DND Project Management and various aviation industry software
- Liaised with mechanics, avionics technicians, manufacturers and inspectors
- Known for decisive and accurate technical decisions

## ACHIEVEMENTS

- Received citation for quickly resolving AOG for B747 engine change
- Saved \$2 million in tools and equipment for A320/330/340 aircraft D checks
- Reduced MTBUR and related man-hours by revising maintenance program
- Streamlined the Canadian DND C-130 routine maintenance card package by 50 percent

## WORK EXPERIENCE

**Liaison Engineer / Technical Writer / Planning Support** 2005 - 2012  
*Cascade Aerospace Inc., Abbotsford, BC*

- Researched, created and developed Task Cards for the HAWSR and ACDC structural and electrical upgrade programs of Canadian Air Force (DND) C-130 aircraft
- Issued engineering repair orders (ERO) on B737's and B757's for aircraft customized structural repair designs categorized by BOEING as "major repairs" and "beyond SRM limits"
- Issued ERO's for the design and local manufacture of repair structures for aircraft interiors, including Alaska Airlines B737 aircraft galley equipment

**Section Manager / Senior Engineer** 2000 - 2005  
*Lufthansa Technik Philippines Inc., Manila, Philippines*

- Managed, supervised and trained 20 tool keepers and tool engineers
- Responsible for the acquisition, maintenance and development of aircraft overhaul tools and equipment for B737, B747, A320, A330 and A340 aircraft
- Designed, developed and certified locally manufactured aircraft tools and equipment

**Component Reliability Engineer / Aircraft Power Plant Shop Mechanic** 1989 - 2000  
*Philippine Airlines Inc., Manila, Philippines*

- Provided extended engineering and other technical services during maintenance, repairs, overhauls and modifications of aircraft, components and systems
- Interpreted aircraft IPC, CMM, TNSM and SRM, in the hangar, line and shop environment

**WORK EXPERIENCE** (CONTINUED)

**Component Reliability Engineer / Aircraft Power Plant Shop Mechanic** (continued)

- Reviewed engineering documents, drawing, plan layouts; service, maintenance and shop bulletins
- Requested tool loans, foreign repair and acquisition of new tools and equipment particularly for aircraft heavy maintenance requirements
- Negotiated with BOEING, AIRBUS, tools and component manufacturers and suppliers
- Resolved problems by devising and providing repair schemes in accordance with the airline, aircraft manufacturer and airworthiness regulatory standards, based on aircraft component removal, defect analysis, reliability study, and production monitoring trends
- Hands-on experience in the assembly and disassembly, module and de-module of General Electric CF6-50 E2, C2 & C2R Turbofan Aircraft Power Plants

**Cadet Engineer** 1987 - 1988

*Sanoh Fulton International, Manila, Philippines*

- Performed extended engineering and other technical services in the manufacture and supply of special application copper, brass and steel tubes
- Worked on the assembly line, fabricating and processing high / low temperature refrigerant evaporator, condenser tubes and refrigerant line accessories

**PROFESSIONAL QUALIFICATIONS**

- Application for APEGBC licensing is in process
- Licensed Mechanical Engineer - Philippines 1986
- Bachelor of Science in Mechanical Engineering, Philippines 1985

**SEMINARS / TRAINING**

- Solid Works 1, *BCIT* 2008
- AutoCAD Technology, *BCIT* 2006
- Human Performance in Aircraft Maintenance, *Cascade Aerospace* 2006
- WHMIS Training, *Cascade Aerospace* 2008
- Safety Training, *FSD-JIBC, Cascade Aerospace* 2008
- Joint Aviation Requirements 145 Overview, *Philippine Airlines* 2002
- TC Willis, LLC - US Federal Aviation Reg. Part 145 Seminar, *Lufthansa, Manila* 2002
- Aircraft Tools Equipment Familiarization Course, *Lufthansa, Hamburg* 2001
- B737 A&P Ground Engineer's Initial course, *Philippine Airlines* 1994
- F50 A&P Ground Engineer's Initial course, *Philippine Airlines* 1993
- 5S Orientation, *Philippine Airlines* 1993
- Analytic Troubleshooting Course, *Philippine Airlines* 1992