



Leigh Manyk



Quality Dynamics Inc.

I have, literally, been in aviation all my life. When I was a year old, my father, owned and operated an aircraft maintenance, flight training and an air operator in Medicine Hat, Alberta. I can recall playing in the Tiger Moth in the hangar.

Through high school I worked evenings and weekends for Transport Canada (TC) at Calgary Airport, then, after graduation, as a surveyor and later a position in their Soils Testing Lab at the airport.

As an Aviation Maintenance Engineer (AME), I returned to Medicine Hat and later in Calgary, Billings, Palm Springs and Vancouver. I obtained a Federal Aviation Administration (FAA) Airframe and Powerplant (A&P) licence, then later an FAA Inspection Authorization (IA) and Transport Canada Aircraft Maintenance Engineer (M1, M2, S).

I worked in areas as engine overhaul, with training Pratt and Whitney JT-15D and Allied Research/Garrett TFE731 turbofan engines and aircraft structural repair and an 'S' Licence.

I attended night school and achieved a Business Management Diploma through the Richmond School Board.

I competed and succeeded in achieving a position as a Civil Aviation Safety Inspector (CASI) at the Richmond B.C. Transport Canada Center (TCC). I became the first second-generation Transport Canada Airworthiness Inspector. I transferred to the Kelowna TCC in 2005.

With my Ministerial Delegation, I was appointed Principle Maintenance Inspector (PMI) for certificate holders with Flight Operations, Maintenance and/or Manufacturing Organizations. PMI's are responsible for follow up on Canadian Aviation Daily Occurrence Reports (CADORs). These activities sometimes lead to investigations of a variety of failures on aircraft, aircraft systems and aeronautical products. Often the reviews and solicitation of information lead to Service Difficulty Reports (SDRs), recommendations or interpretations on Airworthiness Directives (ADs) and Alternate Means of Compliance (AMOCs).

I found a niche as a Manufacturing specialist working closely with the Aircraft Certification group, Approved Manufacturers, and Design Organizations.

I have performed Regulatory and Quality audits on large and small scales as an Audit Manager, Team Leader and as a Team Member, included are Program Validation Inspections (PVI's), Process Inspections (PI's), Assessments, surveillance and routine inspections on a multitude of large and small aviation maintenance and manufacturing organizations.

As a regulator and as a consultant, the many courses I completed in Conflict Resolution at Justice Institute of BC and the Business Management diploma have served me well and have greatly benefited my skill set.

Accumulating over 17 years of experience at Transport Canada and now retired from the federal public service, I have continued to build on this experience and knowledge. In 2013 I started Quality Dynamics Inc., and I am providing services as an Aviation Consultant. I continue to work with organizations throughout Canada and the United States and most recently Australia in aviation maintenance, aerospace manufacturing, quality assurance.