

Donald C. Wilson, Owner  
Pacific Technical Writing Services

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## WORK EXPERIENCE

### Technical Writing (Commercial)

Thirteen years in business as the owner and principle of Pacific Technical Writing Services developing and illustrating maintenance documentation for the commercial aviation and manufacturing sectors

Commercial aviation experience includes planning, researching, writing, illustrating, editing, revising, developing test and maintenance procedures, and producing several types ATA iSpec-2200 compliant maintenance documentation

Extensive experience writing to the ATA-100 / iSpec-2200 standards and the ASD-STE100 (AECMA) Simplified English Standard

Manuals in print support Boeing 727, 737, 747, 757, 767, 777 aircraft; Airbus 320 and 340 aircraft; Dassault Aviation Falcon 2000 / 900 / 50 business jets; McDonnell-Douglas MD-80 / 82 / 83, and DC10-30; and Convair 340 / 440 aircraft

Instructions for Continued Airworthiness (ICAW) Part 125 and 121 aircraft documentation accepted for STC programs by the FAA AEGs in the Seattle, Denver, and Los Angeles, by European based EASA regulated MROs, and by Canadian and Russian certification agents

Aircraft Maintenance Manual (AMM) supplements for several variants of Matsushita (Panasonic) in-Flight Entertainment Systems, Bruce Aerospace Advanced LED Lighting Systems, Dassault Falcon 2000 / 900 / 50 structural wing performance modifications, and secure flight station door installations for the Boeing 727 and 737 aircraft

Aircraft Illustrated Parts Catalog (AIPC) supplements for aircraft interior reconfigurations, advanced LED lighting systems, structural wing modifications, and secure flight station door installations

Structural Repair Manual (SRM) supplements for Dassault Falcon 2000 / 900 / 50 blended winglet modifications

Complete Component Maintenance Manuals (CMM) for two variants of the Jamco FS9 modular lavatory installed on Boeing B767 aircraft (Simplified English compliant manual), and for modified C&D and AIM overhead bin systems for the MD-80

Wiring Diagram Manual (WDM) supplements for flight station avionics modifications, LED lighting systems, and aircraft interior modifications

## Technical Writing (Commercial, Cont.)

Installation Manual for the Matsushita (Panasonic) In-flight Entertainment System for the El-Al 747-200 aircraft Configuration

Configuration Procedures Manual for Royal New Zealand Air Force multi-role 757-200 airplanes (original document design)

Technical Specification Manual for the Aviation Partners Dassault Falcon 2000 blended winglet structural modification (original document design)

### *Miscellaneous documents include:*

Documents to support FAA and EASA STC certifications, team writing on an EASA required Quality Manual, material specification documents for the Aviation Partners Dassault F2000 blended wing program, etc.

## Technical Writing (Military)

Previously certified as a Curriculum Developer (TMDS) and Instructor working in a team setting teaching system level maintenance, systems operation, and flight safety for the Naval Airborne Electronic Reconnaissance Community (VQ-1 and VQ-2)

Writing, editing, reviewing, and teaching NAVEDTRA 130 style military training courses for the following subjects:

- Basic Flight Safety / Crew Coordination (Aft Observer)
- Communications / Navigation Systems (Com/Nav) operations and maintenance
- Electronic Support Measures (ELINT) Systems operations and maintenance
- Qualification Standards for Com/Nav and ESM Operator (Flight and Ground maintenance), and In-Flight Technician (IFT)

Experienced Adobe FrameMaker user and template designer with projects from versions 7.0 to the current standard, FrameMaker 11.

Experienced user on most commercially available desktop publishing / authoring software

## Illustration / Artwork

### *Technical Artwork:*

Production of Installation, Assembly, and Detailed engineering drawings, specification data, system schematics and wiring diagrams, photographs, and modified bitmap images to support iSpec-2200 compliant documents to include:

- Component, Assembly, and Installation Illustrations
- Simplified Schematics, Signal Flow Diagrams, System Block Diagrams
- Isometric views, break-down drawings, and photo-trace illustrations

## Illustration / Artwork (Cont.)

Extensive experience creating and modifying illustrations to support technical manuals using Adobe Illustrator, Photoshop, CorelDraw, Solidworks, AutoCAD, etc.

Extensive experience extracting, converting, and reusing graphics provided in PDF, CGM, DWG / DXF, Solidworks , and CATIA formats for use in AIPs, Wiring Diagrams, Operations Manuals, etc.

Experience working with foreign language documents to produce text in several languages for use in aircraft placard illustrations

### *Commercial Artwork:*

Permit drawings for commercial signage and awnings, and concept design drawings for illuminated and non-illuminated commercial signage for advertising, point-of-sales displays and casino interiors

Graphic arts projects include corporate logo designs, business cards, stationary sets, post-cards, minor web site design, web graphics, etc.

## MAINTENANCE EXPERIENCE

Twenty years of hands-on experience in the U.S. Navy maintaining, repairing, and supervising work on avionics systems

Systems level repair technician and supervisor on communications, navigation and IFF systems, GPS receivers, weather and search radar systems, digital and analog internal communications (ICS) systems, wide-band receiver systems, static and rotating antenna systems, recording systems, and airborne computer systems

Extensive experience testing and repairing aircraft control and interface wiring, and high-band RF coaxial cable and waveguide installations

Component level repair experience on UHF radios, airborne TACAN systems, ICS systems, HF / UHF emergency beacons and hand-held radios

Organizational level (line) avionics technician and supervisor working on the EP-3E reconnaissance aircraft (VQ-1 Guam / Whidbey Island, WA and VQ-2 Rota, Spain) and as an R&D test technician and supervisor (Pacific Missile Test Center, Point Mugu, CA)

Collateral Duty Inspector (CDI) certifying on-aircraft avionics repair work; Quality Assurance Representative (QAR) providing trend analysis and reporting for the VQ-2 Avionics Division

Sixteen years as a Naval Aircrewman aboard EP-3E/B aircraft working as a Reconnaissance Operator (ELINT), In-flight Communicator (Radio Operator), and In-flight Technician (IFT) with over 5000 hours of flight time

NATOPS Instructor (In-flight Qualifier) for In-flight Communicator and Aft Observer

## MAINTENANCE EXPERIENCE (CONT.)

### *Maintenance and Repair, Miscellaneous:*

Design, build, repair, and restore stringed musical instruments including electric and acoustic guitars, basses, mandolins, banjos, and ethnic instruments.

Commercial painting experience using HVLP systems. Projects include: musical instrument refinishing, antique furniture restoration, motorcycles refinishing, auto repairs

## EDUCATION

Associates Degree (AA Transfer Degree) – Skagit Valley College, Mount Vernon, WA (2002). Accepted at WWU to complete BA, opted not to attend

Associates Degree (AS) – Electronics Technology, City Colleges of Chicago, Harold Washington College, European Division (1995)

Associates Degree (AA) – University of Maryland, European Division (1995)

### *Selection of Military Schools and Qualifications:*

Curriculum Developer (TMDS), Navy Instructor, Quality Assurance Inspector (Avionics), Electronic Warfare Operator (EWOP), Avionics Technician Basic, Total Quality Leadership (TQL), Ergonomics, Corrosion Control, etc.

## PERSONAL INFORMATION

Gulf War I veteran (Desert Storm, Desert Shield, etc. 1990–1992)

Former Security Clearance holder (Basis of Clearance data available on valid request)

LinkedIn Profile: Don Wilson: Independent Airlines / Aviation Professional

Skype Contact Keyword: ptwservices

CAGE Code: 3R4B2 / DUNS: 10-234-1075

FCC Technician Class License Holder (KD7BDY)

Fluent Spanish speaker (Resided 10 years in Spain)