

# Ed Wischmeyer, writer...

edwisch@alum.mit.edu  
928 533-9351 (cell)  
928 445-5741 (home)

**Engineering Ph.D.**  
*High quality, fast turn-around  
technical writing and review services on  
user & safety manuals, training, videos, articles.  
Working with customers on problems that  
are new, complex, or poorly defined.  
30 years engineering experience.*

## Degrees & Licenses

Ph.D., M.S. MIT  
Sc.B. Brown University  
PE. Professional Engineer, California, Electrical  
CSP. Certified Safety Professional (in process)  
ATP. Airline Transport Pilot, multi-engine land  
CFII/ME. Certificated Flight Instructor, single, multi, instrument

## Communicating

### *In person*

- 25 year public speaking background -- Toastmasters, International, "Able Toastmaster"
- Dale Carnegie graduate, three times graduate assistant
- Adult communications skills instructor/assistant for two organizations

### *On the air*

- Hosted three episodes of aviation video series for local access, usually on one take without a script
- Appeared on multiple San Francisco bay area news broadcasts and one feature about airports

### *In photographs*

- Published in 1993 Aviation Week photo contest
- Published on calendar cover, and inside another
- Three national glossy magazine covers
- Shoot photos to accompany articles

### *On the web*

- Webmaster for NuVenture Aircraft

## Past Employers

Apple Computer, SRI International, Boeing,  
Honeywell, ESL, Inc., Embry-Riddle  
Aeronautical University

## Professional Writing

- Eclipse Aviation (consultant) -- wrote Customer Flight Operations Manual (safety of flight); consulted on training program for new jet pilots
- Chelton Flight Systems (consultant) -- review training video, and rewrite user manual as part of new software release
- Kitplanes Magazine – Technical Editor and feature writer
- InFlight USA – columnist and feature writer since 1990

## Highlight Career Accomplishments

### *Research*

- Reversed company policy on airline unstable approaches and runway incursions with IR&D projects
- Originated concept of pilot mindset as an accident factor
- Invented a heuristic to identify atypical flights from flight data recordings (Patent 6,480,770)
- Generated new model of airliner cockpit alerting philosophy

### *Teaching at Graduate Level*

- “Challenged me to think critically and to express myself effectively” reported by virtually all students
- Created/updated and taught four safety courses, only one on more than 4 weeks notice

### *Community service*

- Originated safety recognition program for a 170,000 member aviation organization

<http://myweb.cableone.net/edwisch/writer.html>

<http://myweb.cableone.net/edwisch/engineeringresume.html>