

## TYRONE METTLER

### EDUCATION

Embry-Riddle Aeronautical University  
**Master of Aeronautical Science** 2007  
Graduate Research Project: Attitudes of Airframe and Powerplant Mechanics, Students and Instructors Regarding Mechanic's Education Requirements  
Honors: With Distinction

Embry-Riddle Aeronautical University  
**B.S. Professional Aeronautics** 1993  
Honors: Cum Laude

Community College of the Air Force  
**A.A.S Aircraft Maintenance Technology** 1993

### TEACHING EXPERIENCE

Antelope Valley College, Lancaster, CA  
**Professor-Aviation/Aeronautical Technology** 2001  
Develop syllabus and overall course structure including daily laboratory projects, lectures and administered all grades. Wrote several successful VTEA Proposals, Participated in numerous shared governance committees including Academic Senate Executive Vice President, Faculty Professional Development Committee, Strategic Planning and Budget Council.

Lancaster High School, Lancaster, CA  
**Teacher** 1999  
Developed the Aircraft Maintenance Program, wrote and taught Aerospace Technology Course, started First Robotics Program, Department Chair for Industrial Technology Program.

### RELATED EXPERIENCE

Horizon Airlines, Portland International Airport, OR  
**Line Mechanic** 1999 – 1999  
Performed Part 121 preventative and corrective maintenance on Fokker F-28 and DeHavilland - 8/100/200 mid-size commercial airliners on ramp and at gate. Accomplished pre/post/through-flight inspections, repairs, daily/hourly inspections, "A" checks, line checks, service bulletins, airworthiness directives, launch/recovery and jacking.

Ensured airworthiness and conformance to FAA flight safety directives, specifications and technical manuals. Worked under pressure to accomplish quick-turns safely and meet critical gate times and flight schedules.

U.S. AIR FORCE, Technical Sergeant  
**Training Manager, Element Leader, Aircraft Maintenance Craftman, Edwards AFB, CA** 1993 – 1999  
Developed and managed training programs to maximize proficiency and teamwork. Designed and implemented training schedule procedures to increase efficiency. Train technicians in aircraft servicing, safety and inspection.

Provided job training, technical direction and motivation of 38 civilian and military maintenance technicians. Used hands-on leadership by example to ensure air/ground safety, quality and readiness.

Planned, performed, supervised, coordinated, tracked and reported on scheduled/unscheduled maintenance, technical orders, major modification, system integration, repair and checkout to support flight testing of B-2/B-1 Bombers.

Coordinated with support groups, Northrop Grumman and Boeing. Provide briefings and recommendations to SPO to facilitate program-level decisions. Evaluated/reported on unit and aircraft performance.

U. S. AIRFORCE, Staff Sergeant

**Training Instructor, Maintenance Specialist, Quality Inspector, Crew Chief, Griffiss AFB, NY**

**1987-1993**

Formulated and conducted training instruction programs, career development courses and of course review programs to maximize technical proficiency of 120 technicians.

Responsible for many phases of maintenance to support round-the-clock operations in all weather for SAC nuclear capable B-52's. Maintained, repaired, rigged, modified and tested systems/airframe structures.

Served with distinction as key player in supporting 24-hour combat quick-turns during Operation Desert Storm.

#### AWARDS AND HONORS

Recognition for outstanding contributions to safety, quality and accomplishment of mission objectives include:

Distinctive Service Award 2001, Non-commissioned Officer of the Quarter 1998, United States Air Force Commendation Medal 1993 and 1997, Squadron Volunteer Service Award 1996, United States Air Force Achievement Medal 1996, Maintenance Technician of the Month 1994, Crew Chief of the Month 1990, Honor Graduate NCO Preparatory Course 1989, Technician of the Month 1988, Honor Graduate Maintenance Technical School 1987.

#### MEMBERSHIPS

SpaceTec Aerospace Core Oral and Practical Test Examiner