

# Andy Marsden

## Director of Maintenance

QUALITY ASSURANCE

PEOPLE MANAGEMENT

TECHNICAL EXPERTISE

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### MANAGEMENT PROFILE

Conscientious and profit-minded leader with extensive hands-on experience in **aircraft maintenance** and **team management**. Produced cooperative teams of quality-conscious employees and achieved **injury-free workplace**. Slashed equipment breakdowns by developing and implementing innovative operational guidelines.

- ⚙ Led 14 A&Ps in Part 145 Engine Shop.
- ⚙ Achieved 13 months of injury-free workplace.

### AREAS OF EXPERTISE

Cost Reduction	Quality Control	System Management
Operating Leadership	Productivity Improvement	Policy Development
Repair & Maintenance	Engine Overhauls	Inspections
Sheet Metal	Corrosion Control	Assembly & Rigging

### CAREER EXPERIENCE

#### **POPLAR GROVE AIRMOTIVE**, Poplar Grove, IL, 1995 to Present

A leading aircraft maintenance, repair, and overhaul (MRO) facility for rare, vintage, and corporate aircraft in the mid-west

#### **ENGINE SHOP MANAGER | A&P MECHANIC (IA)**, 2008 to Present

Promoted to lead 14 A&P craftsmen in Part 145 Engine Shop. Supervised engine overhauls, inspections, repairs, and troubleshooting. Oversaw Engine Shop scheduling and production, quality control (QC), and airworthiness directive (AD) compliance. Developed and implemented equipment maintenance policies. Reduced breakdowns 20%. Brought in \$389K of revenue in 9 months. Excelled in organizing and coaching personnel to work effectively in teams.

**ENGINE SHOP MANAGER | A&P MECHANIC (IA)** (continued)

- ⊗ Brought in **\$389K** of revenue in 9 months
- ⊗ Reduced equipment breakdowns **20%**
- ⊗ Excelled in developing **effective** teams
- ⊗ Managed 10-months' continuous shop operation with no downtime:
  - ⊗ Developed and implemented a scheduled preventive maintenance program that reduced breakdowns 20% and improved equipment longevity.
- ⊗ **Maintained an injury-free workplace** for 13 consecutive months:
  - ⊗ Strengthened safety procedures and training.
  - ⊗ Held shop personnel accountable for wearing personal protective equipment.
- ⊗ **Conducted process audits:**
  - ⊗ Created flowcharts to illustrate complex processes.
  - ⊗ Identified deficiencies between observed processes with the process described in the Repair Station Manual (RSM).

**INSPECTOR (IA) | A&P MECHANIC**, 2004 to 2008

Handpicked to inspect Continental and Lycoming engines and approve them for return to service. Devised and implemented well-defined SOPs and processes. Wrote procedural manuals for A&P education and reference. Improved recording process of test data from newly overhauled engines.

- ⊗ Inspected completed work to certify that work was performed in accordance with AC 43.13-1B.
- ⊗ Maintained repair logs, documenting all preventive and corrective maintenance.
- ⊗ Ensured that all inspecting, measuring, and testing equipment was calibrated and traceable.
- ⊗ Qualified and observed non-certificated persons performing maintenance and alterations.

- ⊗ Performed 100-hour inspections with inventory totaling **\$1.7M**
- ⊗ Extended average engine life **140%** beyond TBO
- ⊗ Improved recording process of **test data**

**LINE A&P MECHANIC**, 1995 to 2004

Hired to perform 100-hour, annual, and progressive inspections on various types of aircraft with inventory totaling \$1.7M. Excelled in discovering hidden problems through careful attention to detail and process. Challenged to improve efficiency and performance by optimization of existing procedures.

- ⊗ Reduced costs and improved productivity by overhauling maintenance-inspection schedules:
  - ⊗ Created database to plan and track flight school's aircraft inspections.
  - ⊗ Developed bar-coded shop tool inventory controls.

**TRAINING & EDUCATION**

- ⊗ Bachelor of Science, Engineering, 1994, Bradley University, Peoria, Illinois
- ⊗ Aviation Maintenance Technology, 1995, National Aviation Academy, Bedford, Massachusetts
- ⊗ Private Pilot Training, 1997, Poplar Grove Airmotive, Poplar Grove, Illinois
- ⊗ Inspection Authorization Course, 2005, American Airman Ground School, Ronkonkoma, New York