



MLB SERVICE GROUP

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KEY PERSONNEL PROFILE: TECHNICAL DIRECTOR

Brent Barnard

Technical Director & Master Operations Lead

Credentials: FAA Licensed Airframe & Powerplant (A&P) Mechanic

Executive Summary

A versatile, highly disciplined technical professional with 5 decades of continuous hands-on mechanical, electro-mechanical, and operational leadership experience. Technical foundation began in high school vocational mechanical programs and automotive shop work, evolving through marine industrial preservation, commercial fleet management, heavy mechanical overhaul, specialized surface preparation, trade construction, and FAA-regulated aviation maintenance. A proven troubleshooter with a zero-defect mindset, adept at translating complex specifications into flawless physical execution.

Core Operational & Technical Capabilities

1. Aviation, Precision & Electro-Mechanical Discipline

- **FAA Licensed A&P Mechanic:** Formal training at Spartan School of Aeronautics; completed comprehensive FAA Oral & Practical examinations (1992).
- **FBO Operations & Aircraft Line Maintenance:** Handled line service, commercial aircraft fueling at Tulsa International Airport, and managed FBO maintenance operations in Nacogdoches and Livingston.
- **Precision Benchwork & Integration:** Decades of specialized, self-taught electro-mechanical work, custom guitar fabrication, audio engineering/music production, and fine instrument assembly.

2. Operational Leadership, Fleet & Logistics Management

- **Terminal Operations Manager (50-Truck Fleet):** Directed cross-country flatbed trucking operations. Managed hiring/firing of drivers and office personnel, oversaw DOT safety compliance, logbook auditing, and nationwide logistics routing.
- **Commercial Logistics:** Heavy transport experience including cross-country oversized permit loads, bulk chemical transport, and heavy oilfield equipment logistics.

3. Heavy Mechanical, Power Systems & Fleet Maintenance

- **Foundational Mechanical & Auto Apprenticeship:** High school vocational training in general mechanical repair (small engine overhaul, basic systems) combined with hands-on auto shop experience (fleet maintenance, lubrication systems, shop operations, learning directly under master techs).
- **Marine Industrial Maintenance:** Early technical foundation preserving industrial ship engines, rods, pistons, chemical tank cleaning, and industrial sandblasting.
- **Heavy Equipment & Fleet Mechanic:** Shop and field mechanic for oilfield construction, big rigs, tractors, and heavy machinery; handled advanced troubleshooting, brake maintenance, engine swaps, transmission builds, and total drive-train overhauls.
- **Logging & Pipeline Infrastructure:** Owner/operator of a logging enterprise (skidder, loader, sheer, transport) and pipeline trackhoe operator—performing 100% of internal mechanical repairs and preventative maintenance.

4. Specialized Coatings, Surface Prep & Custom Fabrication

- **Award-Winning Custom Paint & Airbrushing:** Master painter for major national golf cart distributors; national award-winner including 4th Place at Sturgis (2009) and 2nd Place at Houston Autorama.
- **Commercial Surface Preparation:** Expert in surface prep, bodywork, metal finishing, and specialized chemical/paint application.

5. Infrastructure & Trade Construction

- **Trade Construction & Remodeling:** Extensive background in structural carpentry, framing, sheetrock, plumbing, and general facility build-outs.
- **Electrical Systems:** Commercial/residential electrical, main power distribution panel wiring, and custom automotive/trailer wire harness routing.

Technical Director Closing Statement

"Throughout my career—from my early days in high school vocational mechanics and auto shop work to earning my FAA A&P license, managing a 50-truck fleet, running heavy logging machinery, and winning national awards for precision custom paint—I have operated on a single standard: absolute mechanical integrity and exact adherence to process. Surviving major brain surgery at MD Anderson in 2011 only sharpened my focus, patience, and resolve. At 63, my mind is sharp, highly technical, and driven by a lifetime of practical problem-solving. Whether interpreting step-by-step schematics, managing quality control, or building precision assemblies, I deliver zero-defect execution on every project I undertake."



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