High-Reliability CCA Manufacturing for Mission-Critical Defense Applications in DALLAS, TEXAS

Libra's PCBA Center of Excellence in Dallas supports complex defense programs with the technical depth, disciplined execution, and responsive manufacturing capabilities that mission-critical systems demand.

As demand grows for mission-critical defense systems, primes need manufacturing partners that can support complex programs without compromising quality, documentation or reliability. Libra brings together technical depth, disciplined execution and responsive manufacturing capabilities to help defense companies reduce supplier complexity and build confidence across high-reliability programs.

Libra supports the manufacturing behind mission-system applications across programs such as unmanned aircraft, guided munitions, avionics and navigation systems, and electronic warfare platforms.

From high-reliability CCA manufacturing to RF Test Engineering up to 26.5 GHz, precision metals, chassis fabrication, precision machining, Wire EDM cross-sell and integration-ready manufacturing support...

Libra helps defense primes reduce supplier complexity and improve delivery confidence across mission-critical programs.

UAS

Unmanned Aviation Systems

DRONES
CONTROL STATIONS
COMMAND LINKS

EOIR

Electro-Optical/Infrared Tech

TARGETING
NAVIGATION
SURVEILLANCE

LIBRA INDUSTRIES

BUILT TO DELIVER

WHERE LIBRA FITS

- Documentation discipline, quality rigor and program accountability
- Low-volume, high-mix, high-reliability manufacturing
- CCA manufacturing for mission-critical electronics
- Responsiveness to ECOs, design changes, ramps and urgent timelines
- RF Test Engineering up to 26.5 GHz
- Consolidated metals + electronics supply chain support
- Precision metals, chassis, frames and fabricated assemblies
- Precision machining and Wire EDM for complex, tight-tolerance components

CAPABILITY HIGHLIGHTS

- IPC Class 3 experience
- CCA manufacturing
- RF Test Engineering up to 26.5 GHz
- Operate from L band to Ka band
- Integration testing
- Micro BGA placement & Reball
- Precision machining
- Wire EDM
- Sheet metal and chassis fabrication
- Consolidated metals + electronics support
- VAVE
- SBA Registration
- Automated underfill capability
- HALT/HASS

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Let's talk about how Libra Dallas can support your next defense electronics program.