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Leonardo Mullins

Mid-Level Systems Integration Engineer

SEPTEMBER 06, 2026

Hiring Team
Northstar Defense Systems
Woburn
MA

Dear Hiring Team at Northstar Defense Systems,

I am applying for the Mid-Level Systems Integration Engineer position at Northstar Defense Systems. I am interested in supporting mission-critical defense programs where system safety, clear requirements, and reliable testing protect both people and mission performance. The chance to work on site with a major U.S. defense contractor is a strong fit for my background in defense and aerospace engineering.

In my current role as a Systems Integration Engineer II, I lead safety analysis for a tactical electronics modernization effort covering hardware, electrical interfaces, software controls, and maintenance procedures. I maintain **MIL-STD-882E** hazard logs, risk assessments, and verification crosswalks. I review schematics and equipment drawings to find single-point failures, latent hazards, fault-tolerance gaps, and open safety requirements.

My earlier system safety work included preliminary **hazard analyses**, subsystem hazard analyses, operating-and-support hazard reviews, and hazard tracking for defense communications equipment. I turn analysis findings into concise, **testable safety requirements** and work with systems, electrical, software, test, operations, and maintenance teams to verify safe system performance. I have supported design reviews, test readiness, and corrective-action tracking in controlled defense programs.

I hold an active **Secret security clearance** and a bachelor's degree in Systems Engineering from the University of Alabama in Huntsville. Northstar Defense Systems' work in engineering and technical services for national security programs is a strong reason for my interest. I am ready to bring practical system safety analysis and **hardware integration** experience to the Woburn team.

Thank you for your consideration. I look forward to discussing how my experience can support Northstar Defense Systems.

Sincerely,

Leonardo Mullins

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