

# Kevin Halpin

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## Project Engineer - Elite Electronic Engineering, Inc.

Subject Matter Expert on C-130 TOLD and Performance Flight Manual (1-1)

Lockheed Martin (Marietta, GA)	Education & Publications
<p><b>C-5M SuperGalaxy Program (2007-2009)</b> <b>C-130 Hercules Program (2009-2013)</b> <i>Senior Aeronautical Engineer</i></p> <ul style="list-style-type: none"><li>- Technical Publication Development <i>Performance Chart Development</i> <i>Form 847 Technical Review</i></li><li>- Aerodynamic &amp; Performance Analysis <i>Mission Performance &amp; Optimization</i> <i>Advanced Development &amp; Marketing Support</i></li><li>- Flight Test Planning &amp; Execution <i>C-130H (NP2000 Props &amp; T56 Series 3.5 Upgrade)</i> <i>C-130J (Block 7.0 Upgrade &amp; Carbon Brakes)</i></li><li>- Mission Planning Software Requirements <i>MC TOLD Updates &amp; Testing</i> <i>Block 7.0 FMS Design &amp; Testing</i></li></ul>	<p><b>University of Illinois at Urbana-Champaign</b> BS in Aerospace Engineering (2007)</p> <p><b>FAA Certified Private Pilot (2005)</b></p> <p><b>Co-author of 4 AIAA Technical Papers</b></p> <p><i>"Flight Test Evaluation and Aerodynamic Performance Modeling of a C-130H with an Advanced Propeller," AIAA-2011-7057</i></p> <p><i>"Airfield Performance Evaluation of an Advanced Propeller on the C-130H," AIAA-2012-2858</i></p> <p><i>"Usage-Based Analysis Method for Predicting Fleet Fuel Savings Due to Aircraft Improvements," AIAA-2013-4288</i></p> <p><i>"Improved Safety and Capability via Direct Computation of Takeoff and Landing Performance Data," AIAA-2014-2154</i></p>