



Federal Aviation Administration

AUG 10 2009

Memorandum

Date: August 5, 2009

From: Manager, Propulsion Branch, ACE-118C

To: Michael Bloom, Principal Maintenance Inspector

Thru: Deborah Joiner, Manager, Cincinnati Flight Standards District Office, CVG-FSDO

Reply To Attn Of: Tim Smyth, Senior Engineer, Propulsion, ACE-118C

Subject: Request for Engineering Assistance to review Lambda's Low Plasticity Burnishing (LPB) Generic In-House Process Specification (ENG-S005), Revision B dated June 8, 2009.

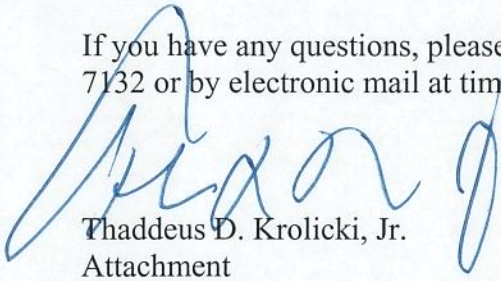
This memorandum is in response to your office's initial request dated January 15, 2009, to support your evaluation and review of Lambda's proposed Low Plasticity Burnishing (LPB) Generic In-House Process Specification (ENG-S005), Revision B, dated June 8, 2009. We reviewed their proposal and witnessed a demonstration of this process earlier this year. In addition, this process specification was coordinated with the Engine and Propeller Directorate and our Chief Scientist and Technical Advisor (CSTA) for Metallurgy.

We have reviewed the submitted process specification and find it acceptable subject to a conformity inspection in accordance with 14 Code of Federal Regulations (CFR) Part 43.7.

Please note that Lambda's Generic In-House Process Specification ENG-S005 does not provide the specific requirements to apply this process to any part or application. This Process Specification allows for the development of Lambda's Quality Systems in pursuit of a FAA Approved Repair Station authorization. Once that repair station approval is established, an additional process specification must be developed for the specific part or assembly. Please note that depending on the specific part that the process is applied to, the LPB process may in fact be considered an alteration, not a repair. In that case a Supplemental Type Certificate (STC) for that part application would be necessary. This point should be made clear to Lambda in any correspondence to them. Future process specification(s) for part/assembly application must be coordinated with our office and receive an additional acceptance prior to implementation.

We look forward to working with you to finalize specific process specification applications once they are presented to your office.

If you have any questions, please contact Mr. Tim Smyth, of my Propulsion Branch at (847) 294-7132 or by electronic mail at timothy.smyth@faa.gov.

A handwritten signature in blue ink, appearing to read "Thaddeus D. Krolicki, Jr.", written in a cursive style.

Thaddeus D. Krolicki, Jr.
Attachment