



**DEPARTMENT OF THE AIR FORCE
748TH SUPPLY CHAIN MANAGEMENT GROUP (AFMC)
HILL AIR FORCE BASE UTAH**

21 October 2016

MEMORANDUM FOR: DCI Aerotech (Cage 4V981)
7515 Lyndon Avenue
Detroit, MI 48238

FROM: ORG/SYMBOL: 417 SCMS/GUEA
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SUBJECT: Qualification Approval to DCI Aerotech for HVOF application on USAF Landing Gear Components.

1. INTRODUCTION: This document is to serve as the official qualification acceptance and approval for DCI Aerotech to be an approved USAF landing gear HVOF application vendor. HVOF testing and evaluation was performed in accordance with 200925098. The Engineering Review Board (ERB) committee convened on 5 October 2016 and reviewed qualification data for the following equipment/materials listed below:
 - a. Booth #1
 - i. Gun: JP5000 Model 5220
 - ii. Gun Manipulation: Fanuc R-30 A Robot and Controller S/N F88541
 - iii. Control Unit: Praxair-Tafa JP-8000 DCI System #1
 - iv. Powder Feeder: Tafa Model 1264
 - v. Coating Material: Praxair 1350VM (AMS 7882)
2. CONCLUSION: This letter is to inform DCI Aerotech of their approval and acceptance for the application of HVOF coatings on USAF landing gear components with the use of equipment/materials listed in section 1. Any deviations to this equipment and/or coating material will require re-qualification. DCI Aerotech will be added to the Qualified Processor List (QPL) within 200925098.

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