



INSPECTOR GENERAL
DEPARTMENT OF DEFENSE
4800 MARK CENTER DRIVE
ALEXANDRIA, VIRGINIA 22350-1500

September 28, 2018

MEMORANDUM FOR NAVAL INSPECTOR GENERAL

SUBJECT: Evaluation of the V-22 Osprey Engine Air Particle Separator (Project No. D2018-D000PT-0202.000)

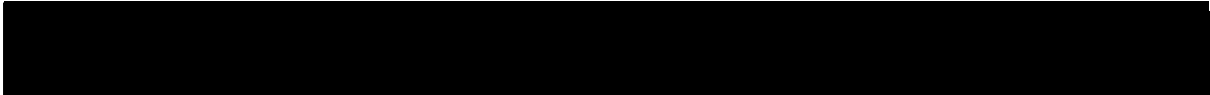
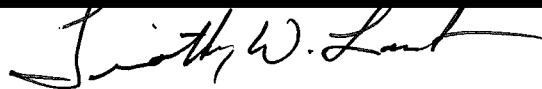
The Department of Defense Office of Inspector General (DoD OIG) will begin the subject technical evaluation in September 2018. The objective of this evaluation is to determine whether the V-22 Program Office developed the Engine Air Particle Separator (EAPS) to protect the engines in desert environments. This project will entail a technical evaluation of the EAPS and will include, but will not be limited to, documentation review, site visits, and interviews with personnel.

Please provide a point of contact for the evaluation within **5 days** of this memorandum. The point of contact should be a Federal Government Employee – a GS-15, pay band equivalent, or military equivalent. Please send the contact's name, title, grade/pay band, phone number and e-mail address to po-tad@dodig.mil.

The attached request for information lists the initial material we require to perform our evaluation and prepare for site visits. Please provide this information in electronic format no later than **October 12, 2018**.

The announcement of this project officially closes the previously announced research project, Research on the V-22 Osprey Engine Air Particle Separator (EAPS) (Research Project No. D2018-D000PT-0165.000), dated June 11, 2018.

You can obtain information about the DoD OIG from DoD Directive 5106.01, "Inspector General of the Department of Defense (IG DoD)," April 20, 2012, Incorporating Change 1, August 19, 2014 and DoD Instruction 7050.03, "Office of the Inspector General of the Department of Defense Access to Records and Information," March 22, 2013. Our website is www.dodig.mil.

Timothy W. Lamb
Director
Technical Assessment Directorate

Attachment:
Request for Information

ATTACHMENT – REQUEST FOR INFORMATION

Subject: Request for Information to support the Department of Defense Office of Inspector General (DoD OIG) Evaluation of the V-22 Engine Air Particle Separator (Project No. D2018-D000PT-0202.000)

The DoD OIG requests the following information for the V-22:

- System Engineering Master Plan (SEMP)
- Test and Evaluation Master Plan (TEMP)
- Detailed design specification for the V-22, SD-572-1-3
- Detailed design specifications for the EAPS, including those generated by contractors
- Engineering drawings for the EAPS
- Test plans and reports for all design validation testing of the EAPS
- Specification for AE1107C engine
- Manufacturer requirements/specification for AE1107C engine
- Average time on wing for the AE1107C engine overall
- Average time on wing for the AE1107C engine for each service
- Average time on wing for the engine at each of the operating locations for the V-22, both CONUS and OCONUS
- Service Operating Instructions and/or Technical Publications for the Air Force, Marines, and Navy
- Scheduled maintenance intervals for the V-22 and AE1107C engine, including depot
- Compliance summary of how all EAPS requirements were verified as well as supporting documentation