Helicopter Dynamics Components Project

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# Helicopter Dynamics Components Project

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25th Replacement of Hard Chrome and Cadmium Plating Program Review Meeting, March 15-17, 2005, Greensboro, NC. Sponsored by SERDP/ESTCP.

**14. ABSTRACT**

**15. SUBJECT TERMS**

**16. SECURITY CLASSIFICATION OF:**

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**18. NUMBER OF PAGES**
7

**19a. NAME OF RESPONSIBLE PERSON**

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Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
Current Status

CH-46

- CH-46 Generator Drive Gears Flight Clearance
- Waiting to be installed
- 900 hour test
- Evaluated every 100 hours
Current Status CH-53

- CH-53 DCC-88 approved
- Implementation being discussed
- Piston coated with WC-Co (83/17)
- Housings coated with Tribaloy 400
- One land on cylinder housing to receive plasma WC-Co
Cylinder Assembly

(SEE NOTE 3)

UR-168S RETAINING RING (REF)

REMOVE:
65126-11206-101
BUSHING (1)
INSTALL:
S34550-3006
BEARING - 1 REQD

MACHINE TO
1.449
1.448

SECTION A-A
Potential Candidates for Component Testing

- Fwd Carrier shaft and Aft Vertical shaft testing cancelled
- Discussions underway concerning testing at NAVAIR Pax River
- Considering sun gear, pinion gear, planetary carrier