

NAVSHIPREPFAC YOKOSUKA
LOCAL STANDARD ITEM

FY-02

ITEM NO: 099-91YO
DATE: 01 JUL 2001
CATEGORY: II

1. SCOPE:

1.1 Title: Propeller In-place inspection; accomplish

2. REFERENCES:

- a. S9086-HP-STM-010/CH-245, Propellers
- b. T9074-AS-GIB-010/271, Requirements for Nondestructive Testing Methods

3. REQUIREMENTS:

(I)(G) "INSPECTION"

3.1 Clean and visually inspect each propeller and propeller cap in accordance with Section 3 of 2.a

3.1.1 Accomplish liquid penetrant test on each propeller as an aid to visual inspection in accordance with 2.b.

3.2 Record all inspection data accomplished in 3.1.

3.2.1 Submit four legible copies of a completed Propeller Visual Inspection Form, NAVSEA Form 9245/2, listing the results of the visual inspection and a sketch showing the size and location of any cracks or defects to NAVSHIPREPFAC.

3.2.2 Cover the entire periphery of each propeller blade with metal edge guards and secure them with steel straps in accordance with 2.a.

3.3 Stake each screw and plug on the exterior of each propeller cap to prevent backing out.

(V) "INSPECT BLADE ALIGNMENT"

3.4 Inspect for the existence and accuracy of the word "BLADE" in line with each propeller blade on the coupling flange at the main reduction gears.

3.4.1 Modify and inscribe the word "BLADE" in line with each propeller blade.

3.5 Just prior to undocking, remove blade edge protection installed in 3.2.2.

(V) "INSPECT BLADE EDGE PROTECTION REMOVAL"

3.5.1 Inspect to ensure that blade edge protection has been removed.

4. NOTES:

4.1 Additional inspections or requirements will be specified in the invoking Work Item.

4.2 *NAVSEA Form 9245/2 is available on the web at:*
<http://spt.dcmdw.dema.mil/technical.html>.