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## IRT Daily Operating Procedure

### I. Purpose:

This document describes the daily care and maintenance of the Pyrometrics IRT conducted at the Tropical Western Pacific Site. The complete IRT system is the size of a hand-held video camera.

### II. Cautions and Hazards:

- Exercise caution when connecting or disconnecting the electrical power to prevent electric shock.

### III. Requirements:

1. Lint-free, nonabrasive cloth or Kimwipes
2. Distilled water in spray bottle

### IV. Procedure:

#### A. Steps:

1. Remove dust or water spots from lens with a lint-free, non-abrasive cloth.
2. If the lens is very dirty, spray distilled water to loosen any debris.
3. Ensure that the lens is completely dry and free of debris.
4. Listen for chopper motor inside of IRT box.
5. Check display to confirm that IRT is turned on. If the IRT is ON, the display indicates temperature and a few other things (see IRT manual). If the IRT is OFF, the display is blank.
6. Record the date, start-time, end-time, and any comments in the site operations log.

### V. References:

1. "KY19 Quick-Start Technote," Pyrometrics Corporation Manual.

### VI. Attachments:

None.