

**INSPECTION OF PROTECTIVE COATINGS OF R/O SURFACE
(K-10, A1 TI)**

Authorized Personnel

B. Muhlfelder

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INSPECTION PROCEDURE

- The top and bottom surfaces of the protective coating are to be visually inspected.
- The location and size of any film failure and the resulting damage to the quartz should be noted in the traveler.
- Film failures in a Al-Ti bilayer are located by looking for light transmission through the bilayer.
- A microphotograph of the housing around the area of the film failure should be taken for film failures greater than five mils (5) (in its largest dimension). The microphotograph should be placed in the hardware folder.
- The readout and gyro managers should be contacted.