

AIR CAPABLE SHIPS (RAST) AVIATION INSPECTION

GUIDE JUL 2003

This document is provided as a GENERAL GUIDE for the aviation INSURV inspection and not an all-inclusive document. Coordination with aviation INSURV inspectors prior to the inspection is essential in order to work out the unique schedule of events for your ship.

Desire the ship to AGGRESSIVELY EXECUTE THE SOE, but remain flexible. Many items can be FRONT LOADED INTO DAY ONE as time permits. Drive the schedule; do not leave the inspector idle.

Flight operations are not required for any facet of the aviation inspection.

PAPERWORK REQUIRED:

-AVIATION FACILITY COORDINATOR NOTEBOOK, ALL DOCUMENTATION REFLECTING AVIATION CERTIFICATION (EXAMPLES: TACAN CERT, NET WEIGHT TEST DATA, FUEL SYSTEM CERT, ETC)
-CSMP FROM ALL WORKCENTERS THAT SUPPORT EQUIPMENT THAT COMES UNDER INSURV AVIATION COGNIZANCE.

INSPECTION AREAS:

JP5

-INSPECT ALL ASPECTS OF SYSTEM INCLUDING SERVICE, TRANSFER, AUXILIARY, STRIPPING SYSTEMS, AND ALL REFUELING STATIONS. TAKE SAMPLES AND RUN THEM IN LAB.
-OPEN AND INSPECT INCLUDES OPENING 1 SERVICE OR 1 STORAGE TANK, SELECTED PURIFIERS, FILTER SEPARATORS, SERVICE/TRANSFER TANKS AIR ESCAPES AND OVERFLOWS.
-INSPECT FUELING AT SEA STATIONS

VISUAL LANDING AIDS (VLA)

-INSPECT ALL FLIGHT DECK LIGHTS AND CONDUCT FLIGHT DECK LIGHTING DEMO IN THE DARK.
-INSPECT SGSI.

CRASH/SALVAGE

-INSPECT ALL CRASH AND SALVAGE EQUIPMENT AS REQUIRED BY APPROPRIATE AEL/NAVAIR-00-80R-14
-INSPECT FLIGHT DECK NETS, CATWALKS, NONSKID, FLIGHT DECK CONTROL
-INSPECT HANGAR, HANGAR DECK CONTROL.

AESS

-INSPECT THE ELECTRICAL AND MATERIAL CONDITION OF ALL 400HZ AND 28VDC AESS STATIONS AND THEIR ASSOCIATED UTILITY RECEPTACLES.

RAST

-INSPECT ALL FACETS OF THE RAST SYSTEM TO INCLUDE RAST MACHINERY ROOM, LSO STATION, RSD'S, AND ASSOCIATED REQUIRED TOOLS AND EQUIPMENT.
-CHECK OPERATION OF RSD BEAMS, LATCHES, PRESSURES.
-CHECK OPERATION OF TRAVERSE SYSTEM, TGW CABLES, AND HAUL DOWN CABLE.
-CHECK OPERATION OF FDSSS AND COMMS FOR ALL STATIONS.