

General Information

- Automatically cleans parts by spraying them with a re-circulated hot water and non-hazardous, biodegradable cleaning solution.
- Nozzles located above, below, and around the system's turntable spray the parts clean. The force of the spray, combined with the heat and chemical action of the cleaning solution removes contaminants within minutes.
- Effects manhour reduction by reducing the time required to clean components by hand using PD-680 or other cleaning agents.
- Oil skimmer removes floating oils and greases allowing reuse of cleaning solution.
- TM Number NAVAIR 17-5-7
- APL: 419990368 & 509991881 (electrical panel)
- NSN: 4940-01-435-1595



Operational Information

- Only non-aircraft components are authorized to be cleaned. Consult applicable PMS or technical documentation.
- Grease turntable weekly.
- When being used daily, check cleaning solution concentration weekly.
- Run oil skimmer one hour before heat cycle starts.
- Check differential pressure gauge, if constant pressure drop is noted, replace sock filter.
- Monthly check sludge build-up. If greater than one inch, drain or pump out solution for reuse if possible, scoop out sludge and dispose of per OPNAVINST 5100.19C.
- Operator pre-heats the tank cleaning solution, approximately 2 hours to 160 °F. Correct operating temperature (185-200 °F) and concentration are critical to effective cleaning.
- Operator performs daily equipment check prior to operation.
- Operator puts dirty, oily, or greasy component into unit.
- Unit automatically cleans the component for approximately 15 minutes.
- Use defoamer if foaming is a problem and the detergent concentration is correct.
- Detergent has rust inhibitor in it, which will leave a film on the part.
- Has automatic water level control.

Services:

Electrical Power Supply: 440 volts; 12 amps;
3 phase; 60 Hz
Water Supply: 125 psi

Safety Information

- Wear gloves when removing parts, parts will be hot.
- Wear goggles when handling detergent/defoamer.
- Wear goggles and rubber/neoprene gloves when titrating cleaning solution. Titration kit contains sulfuric acid.
- Ensure water supply valves are open during operation. Check float in the back of the machine and verify that it moves freely.