



29.		Weather Detection System inspection. Check self test functions. Check system for RF interference (if required).
30.		EFIS/MFD inspection. At each unit, check self-test functions. Check display & annunciator functions where applicable.
31.		TCAS inspection. Check self test functions. Verify proper display at MFD, or other.
32.		TAWS inspection. Check self test functions. Verify proper display at MFD, or other.
33.		Trim inspection. Check operation of electric & manual trim systems.
34.		Static system inspection. At each Pitot/Static system, check system for leaks, security, and operation (when practical).
35.		Circuit breakers inspection. Check breakers for security of mounting, placards, & condition of panel.
36.		Inspect forward & aft avionics bays for available mounting space & accessibility of wiring harnesses as applicable.
37.		Note physical layout of existing avionics, familiarize yourself with how the systems are interconnected. Make sketch or take digital photos (if required).
38.		Inspect aircraft for available antenna mounting space. Perform Skin-Mapping procedure (if required).
39.		List (in detail) all discrepancies noted up to this point.
40.		Enter initials in Preliminary Inspection block, on Work Traveler (k-03.2).

**Installation / In-progress Inspection:** (Mark N/A in block if item is not applicable)

1.		Install protective covers on seats, floors, & carpet. Install plastic, protective film around all exterior-working areas that may be subject to damage. Clear aircraft of clutter, trash, etc. Gather owner/operators personal belongings and secure them, in an orderly fashion, in an appropriate holding area.
2.		Open up working areas in aircraft (panels, floor boards, etc.), & check for conflicts in mounting parts/equipment. Check harness routes. Make notes.
3.		Review labor figures on Installation Proposal, decide if more labor needs to be approved at this point. Make notes.
4.		Review all notes & Pre-Installation Inspection discrepancies with Installation Dept. Supervisor. Assist with generating Change Orders, additional Work Order tasks, etc.
5.		Gather necessary data & initiate FAA Form 337 paperwork (if required).
6.		Tag any removed equipment using form KA-17 (Removed As Serviceable), and secure in equipment holding cabinet.
7.		Pre-fabricate, mark, and test wiring harnesses on bench as much as possible for new equipment. Use a Parts Charge Out sheet & begin listing all misc. parts, wire, & supplies used during the installation.
8.		Install & interface new equipment wiring harnesses, cables, terminals & connectors in aircraft.
9.		Install proper circuit protection for new equipment and placard appropriately.