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The leak check in following step may be performed by a pilot.

- b. Assure electric airframe fuel pump is on (If installed) and while engine is running and rotor system is engaged, closely examine fuel strainer inlet and outlet nipple fittings for any signs of fuel leakage. After inspection is complete, shut engine down. If no leaks are present proceed to step g.
- c. If fitting(s) in strainer are leaking, before further flight, remove fuel strainer from helicopter and remove fittings from strainer. Thoroughly clean threads in fuel strainer and nipple with Isopopanol or MEK. Examine threads in strainer and nipple fitting for missing sections of threads, cracks, voids or any other form of damage. If threads are damaged, replace strainer and /or fitting with serviceable parts.
- d. If threads are serviceable, mix PR1422 Class B-1/2 or B-2 sealing compound in accordance with manufactures instructions. Apply sealant to lead threads of nipple fitting leaving the first thread free, cover four threads 360° around fitting. Force sealant into threads to thoroughly fill voids to top of thread. Install nipple fittings in strainer assembly and torque fittings to 260 in-lbs.
- e. Check for bead of sealant 360° around entrance of nipple into filter. If gap exist, remove nipple and clean sealant from inside strainer. Reapply sealant to nipple and reinstall in accordance with paragraph d. When no gap sealant exist, level bead around nipple.
- f. Before sealant cures, inspect interior of fuel passage for sealant squeeze-out into passage; NO sealant is allowed in passage. If any sealant is visible, remove fitting and clean all sealant from strainer and fitting. Apply fresh sealant and reinstall fittings in accordance with step b. above. Allow sealant to cure for 24 hours for PR 1422 Class B-1/2 or 36 hours for PR 1422 B-2 before installing strainer in aircraft.
- g. Install strainer in helicopter in accordance with Basic HMI and perform ground run of helicopter for a minimum of 30 minutes. After 30 minutes, while aircraft is still running, check fuel strainer inlet and outlet nipple fittings for leaks in accordance with step b. above. Over next two hours of flight, check strainer assembly for leaks.
- h. Record compliance with this Service Bulletin in the aircraft records.

#### WEIGHT AND BALANCE

Weight and Balance are not affected.