

January 16, 2001

TO ALL EXEC 162F OWNERS

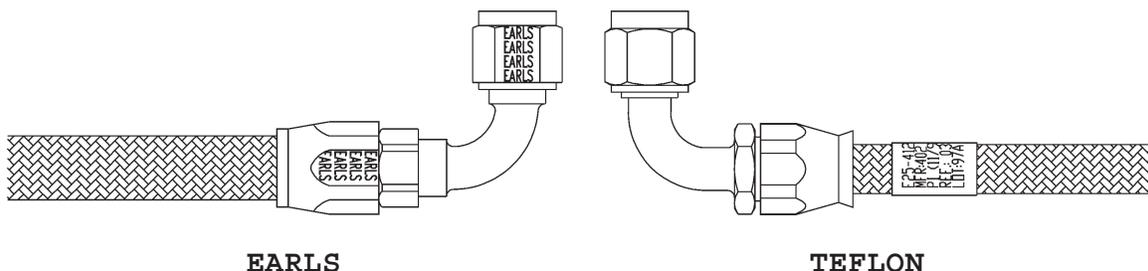
MANDATORY COMPLIANCE BULLETIN M-19**THIS BULLETIN IS MANDATORY AND MUST BE COMPLIED WITH**

History: The Exec 162F helicopter utilizes a fuel management system in which the fuel must be maintained at a fairly constant pressure. This is accomplished by having a fuel pressure regulator installed after all the injectors. The quantity of fuel delivered from the fuel pumps is constant, and in order to avoid excessive pressure buildup, fuel not required for engine operation is returned to the fuel tanks. The fuel system was originally designed to have the bypassed fuel return to the passenger side tank and the fuel level in each tank was expected to stabilize. After customer feedback and further testing it was found that fuel level between tanks could vary, depending on power requirements, throttle positions, and the quantity of fuel that the pumps are capable of delivering.

Action: To avoid the possibility of fuel spillage, equalization problems and possible fuel starvation that could cause the engine to quit, the following modifications to the fuel system are required:

1. The -6 hose from the fuel pressure regulator to the passenger side fuel tank should be re-routed so that it connects into the crossover hose (which runs between the upper front end of both tanks).
2. The -6 hose from the pilot side fuel tank to the drain "T" should be replaced with a -8 hose.

The required hoses and connectors to accomplish this modification are now available as a kit, but before ordering it is important to determine which type of hoses your helicopter has. Earlier Exec 162F helicopters had hoses made by Earls, identified by the word "EARLS" stamped on the hose ends. For Earls hoses, use Fuel Pressure Equalization Kit A (part number E25-6360). Later models have Teflon lined hoses, identified by a stainless steel band (marked with part number) wrapped around the hose. For Teflon hoses, use Fuel Pressure Equalization Kit B (part number E25-6370). Both kits are now available from RotorWay International's parts department at (480)961-1001.



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