

Diamond (HOAC) Series Aeroplanes

AD/DIAMOND/2

Fuel Pump Hose Replacement

5/98 DM

Applicability: Diamond aircraft model DA20-A1 "Katana" aircraft serial numbers 10002 to 10318 equipped with Rotax 912 F3 engines and DA20-A1 aircraft equipped with Rotax 912 A3 engines, which have Diamond aircraft service bulletin DA20-73-03 Rev 0 incorporated (conversion to low lead fuels).

Requirement: Replace existing fuel pump supply hose part number (P/N) 160B01BXXC0360 with fuel pump supply hose P/N 20-7310-20-01 in accordance with Diamond Alert Service Bulletins DA20-73-04, Rev 1 dated February 5, 1998 and DA20-73-03, Rev 1, dated February 5, 1998.

Note: Transport Canada Emergency Airworthiness Directive CF-98-02 dated 25 February 1998 refers.

Compliance: Within 30 flight hours of the effective date of this directive or before 4 April 1998, whichever comes first.

This directive becomes effective on 4 March 1998.

Background: Several incidences of blockage of the fuel pump supply hose have occurred and been attributed to swelling of the inner wall of the hose. Investigation has shown that a defect may have occurred in manufacture of the hose which gives rise to this failure. This directive removes the suspect part and replaces it with a known serviceable item of different origin.