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ADVISORY WIRE 700T-0040

DATE: 23 February, 2001	TIME/HEURE:	PAGE: 1 OF 3
ADDRESS TO: DESTINATAIRE:		A/C:
FAX NUMBER: NUMÉRO DE FAX:		
FROM/DE: Bombardier Aerospace, Business Aircraft		
ADVISORY WIRE REFERENCE NO: 700T-0040 SUBJECT: Un-approved Hydraulic Fluid EFFECTIVITY: BD700-1A10 (9002 & subs)		
Si vous ne recevez pas toutes les pages, veuillez rappeler (514)-855-7469 If you do not receive all the pages, call (514) 855-7469 If you require technical information concerning this wire, please call your Field Service Representative.		

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<p>1.0 INTRODUCTION</p> <p>This Advisory Wire is published to make operators aware that some Global Express aircraft may have been serviced with High-Density Phosphate Ester hydraulic fluid (Skydrol 500B-4) while the aircraft was in the Tucson Completion/Service Center. Skydrol 500B-4 is not detrimental to the hydraulic system, however, it is not qualified for use on the Global Express.</p> <p>2.0 DESCRIPTION</p> <p>2.1. The only hydraulic fluids approved for use are Skydrol LD-4 & Hyjet IV-A Plus. These fluids are low-density, low viscosity fluids and were chosen for their weight savings and low viscosity at low temperature characteristics.</p> <p>2.2. High-density fluids such as Skydrol 500B-4 were not test flown on the Global Express. Although these fluids do meet the Canadair Material Specification requirements (CMS 564-03) and will not adversely affect the hydraulic system or operation of the aircraft, they have not been approved for use on Global Express aircraft.</p>		

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<p>2.3 The effects are limited to:</p> <ul style="list-style-type: none">• Flight Control minor increase in full travel response time at temperature below minus 55 degree C.• Weight increase by approximately 10-15 lbs. for the entire Hydraulic Systems serviced with Skydrol 500B-4. <p>2.4. Operators and Service Facilities are reminded to use only the fluids listed in Chapter 51-31-00, ref. 02-001 of the AMM. Section 12-12-00 and 51-31-00 of the Maintenance Manuals will be changed to clarify the specific fluids.</p> <p>3.0 ACTION:</p> <p>3.1. If your aircraft was serviced with either of the approved low-density fluids (Skydrol LD-4 or Hyjet IV-A Plus) or any combination of the two, no further action is required.</p> <p>3.2. If you suspect your aircraft was serviced with hydraulic fluids other than the approved fluids, it will be necessary to flush the affected system at the next convenient down time. Contact the Facilities where the A/C has been serviced to verify that the correct fluid was used.</p> <p>3.3. If your aircraft was serviced with Skydrol 500B-4 by the Tucson Facility, a representative will contact you and details of a corrective action plan to flush the affected hydraulic system(s) on your aircraft will be provided.</p>		