



**Wipaire Worldwide
Anywhere, Anytime**

SERVICE LETTER: #33

DATE: September 15, 1994

SUBJECT: Conversion of Model 6000 to Model 6100 Float

EFFECTIVITY: All Model 6000 floats installed on DeHavilland DHC-2 Mk III with 6000 lb. gross weight increase

REASON: During the certification of a similar aircraft at a similar weight, it was found that it would NOT pass the FAR 23.751/ CAR 3.371 flooded compartment test. Since the certification of the 6000 pound gross Mk III Beaver on the Wipline 6000 float was done in Canada by other than Wipaire, it is assumed that this particular test was not accomplished at the high weight. We also seriously doubt that the aircraft will pass the same test on float models other than Wipline. For the same similar aircraft, the oleo strut was also modified to lessen landing reaction load factors, thereby lowering stresses in the landing gear and adjacent structure. Incorporation of this oleo will eliminate the landing weight restrictions for land landings on the Viking modified aircraft, provided Viking changes their flight manual appropriately. After modification, the mechanic must sign this form below and return it with the old serial number plates. New plates will be issued upon receipt.

COMPLIANCE REQUIRED: Before further flight for operations at 6000 lbs.
At owner's discretion for operations at 5370 lbs.

METHOD OF COMPLIANCE: Modifications to left and right float per Service Kit No. 19.

WARRANTY: Parts and Labor for 18 months past the issuance of this service letter.