



**Wipaire Worldwide
Anywhere, Anytime**

1700 Henry Avenue, South St. Paul, MN 55075

SERVICE LETTER NO: 2

SUBJECT: Main Gear Up-Stop Adjustment

MODEL: W6000 Amphibious Floats

SERIAL NO AFFECTED/EFFECTIVITY: 60001 thru 60006, 60011 thru 60014

COMPLIANCE REQUIRED: Within next ten hours of flight

BACKGROUND INFORMATION: Improper main gear adjustment may cause leakage around gear bay tunnel. This is caused by flexing of the bulkhead during gear retraction. Corrective action consists of adding shims between bulkhead aft of wheel-well and main gear cylinder assembly. Installation per Drawing 5C1-537 will reduce the flexing of bulkhead and tunnel and eliminate leakage in these areas.

INSPECTION: Heavy leakage in the compartment forward of wheel-well may result from improper gear stop adjustment. Perform gear retractions in water or with airplane suspended with wheels clear of ground. Observe bulkhead and tunnel during retraction. Excessive flexing as gear approached the up-lock position is an indication of this problem. A properly rigged gear cylinder will not cause flexing of bulkhead during gear retraction.

METHOD OF COMPLIANCE: Install Service Kit No 2 per Drawing 5C1-537.

PARTS REQUIRED: As provided in Service Kit No 2.

MAN HOURS REQUIRED: Approximately two man hours.

DATE: 04-26-1983