



**Wipaire Worldwide
Anywhere, Anytime**

1700 Henry Avenue, South St. Paul, MN 55075

SERVICE LETTER: 2

SUBJECT: Main Gear Up-Stop Adjustment

MODEL: W6000 Amphibious Floats

SERIAL # AFFECTED/EFFECTIVITY: 60001 thru 60006, 60011 thru 60014

COMPLIANCE REQUIRED: Within next ten hours

BACKGROUND INFORMATION: Improper main gear adjustment may cause leaking around the gear bay tunnel. Flexing of the bulkhead during gear retraction causes this. Corrective action consists of adding shims between the 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 leaking in the compartment forward of wheel-well may result from improper gear stop adjustment. Perform gear retractions in the water or with the airplane suspended or jacked up with the wheels clear of ground. Observe the bulkhead and the tunnel during retraction. Excessive flexing as the gear approach 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 shop hours.

DATE: 04-26-1983