



# SERVICE BULLETIN

**Service Bulletin No:** SB-WA500AG-002  
**Revision:** Original  
**Date of Issue:** 15/Mar/2023

## **AFFECTED AIRCRAFTS:**

**Model** WA500-AG  
**Serie No.** All

## **PURPOSE:**

Provide general guidance to operators on the new scheduled maintenance inspection required for the agrochemical “Tank-Chair” installed in aircraft WA500-AG.

## **DESCRIPTION:**

At the request of the Colombian Civil Aviation Authority (UAEAC) in its communication *Radicado No. 2023240040004349. Id. 969617 dated 03/03/2023*. A modification in the Scheduled Maintenance Checks (Section 5.5 of Doc.-No.WA500AG-MtceManual) must be implemented by changing the time interval of internal visual inspection of the “Tank-Chair” from 500hrs to 100hrs.

## **COMPLIANCE TIME:**

During schedule maintenance labors.

## **METHOD OF COMPLIANCE:**

- 1) Once the last aerial spraying of the day has been completed; the tank-chair must be washed (interior) and exterior with abundant water and appropriate liquid soap (Neutral) to drag from the inside and outside of the discharge chambers all solids and contaminating substances.
- 2) According to the last Revision of the Aircraft Maintenance Manual (Doc.-No. WA500AG-MtceManual, Revision 3, 20/02/2023). A scheduled visual inspection of the Tank-Chair every **100 hours** is required in order to determine the integrity of the element by using a simple borescope/endoscope or with the help of mirrors, by inserting it through the two emergency discharges and the filler cap.

This visual inspection must be focused in detect:

- \* Serious Wear or abrasion.
- \* Any internal cracks.
- \* Chemically attacked structure which is identified by the delamination of the walls evidenced with the exposure of thin glass filaments, slight surface gloss and/or structure flaking.

- 3) If one of the above cases occurs, a WACSA S.A.S notification must be sent in order to proceed with the “Tank-Chair” removal and the restoration process, which consists in applying a thin protective surface coating of *GelCoat* or *Vinyl-Ester*. **This process can only be executed by a WACSA S.A.S authorized specialist.**

**REMARKS:**

- Compliance with this Service Bulletin must be recorded in the proper Aircraft Log Book(s).
- Where applicable, the requirements of this SB must be integrated into the aircraft’s Maintenance Schedule.
- Address inquiries concerning this Service Bulletin to: [info@wacsa-aero.com](mailto:info@wacsa-aero.com) or [andrepalcar@hotmail.com](mailto:andrepalcar@hotmail.com)

