



## SERVICE BULLETIN

MODIFICATION OF THE UPPER TOP OF THE AUTO-SHOCK TYPE NOSE GEAR.

*August 01, 2008*

**SB-Ibis-004**

**INFORMATIVE**

**AIRCRAFT AFFECTED:**

All the aircraft type IBIS (Magic, Urraco, Millennium), using the auto-shock type nose gear.

**REASON:**

1. It has been observed that in some systems of the auto-shock type nose gear, the Teflon on the upper top of the gear, it tends to leave its position due to a lack of routine inspection of the blind pin that secures the screw and adjusts it.

**SUBJECT:**

Modify the upper part of the gear to change the safety and pin system. In this way avoiding the derailment of the gear.

**COMPLIANCE:**

A the user's consideration.

**WARNING:** Failure to comply with these instructions requires greater routine inspection at the upper part of the auto-shock type nose gear, to verify that the pin is in place and the screw is secured. The lack of inspection can lead to derailment of the gear and grater damage to the aircraft.



**EXECUTION / INSTRUCTIONS:**

**EXECUTION.** Owners of aircraft, service centers and distribution centers.

**INSTRUCTION.** The upper part of the original nose gear must be modified to prevent the derailment of the gear. Originally the upper part of the gear is secured by a screw and a blind pin, the modification consists in changing this system by removing the upper part of the gear and welding a 3 / 8 bolt, so you can secure it with a nut and its respective washers not impede the movement of the gear when pinning it.



AUTO-SHOCK  
TYPE NOSE  
GEAR



SYSTEM TO BE  
CHANGED

First remove the nose gear, once the pin and the screw safety are removed, remove the Teflon, then remove the upper part of the gear and proceed to weld a 3 / 8 bolt to the upper part, this part is re-welded to the nose gear. And the gear is introduced into the system.



Once the nose gear is introduced in the system, the Teflon top part of the train is introduced.



Subsequently the respective 3 / 8 washers and a 3 / 8 castle Nut are introduced to ensure the system. Once the system is secured put on a 3 / 32 pin.

