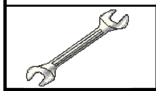
No. 3899-S-67

SAFETY INFORMATION NOTICE

<u>SUBJECT</u>: ROTOR FLIGHT CONTROLS - PRODUCT SAFETY ENHANCEMENT

Sensitivity of Pilot Induced Oscillation (PIO) / Pilot Assisted Oscillation (POA) phenomenon during Helicopter External Load Operation (HESLO):
- New banjo screw (MOD 073178)
- New servo-controls (MOD 073221)

For the attention of	
	

AIRCRAFT CONCERNED	Version(s)	
	Civil	Military
AS350	B, BA, BB, B1, B2, B3, D	L1
AS550		A2, C2, C3, U2
EC130	B4, T2	

Airbus Helicopters is working to minimize by design (low frequency damping) as much as possible the sensitvity of his fleet to the Pilot Induced Oscillation (PIO) / Pilot Assisted Oscillation (PAO) phenomenon during Helicopter External Load Operation (HESLO. See Safety Information Notice 3890-S-00).
As the safety of our customers is always our highest priority, Airbus Helicopters has developed a design modification (MOD 073221) to the SAMM/Goodrich/UTAS/Collins servo-controls for the AS350/AS550 versions equipped with single hydraulic assistance.
Airbus Helicopters strongly recommends that customers take advantage of this important safety enhancement by applying the Service Bulletin (SB) No. AS350-67.00.41 / No. AS550-67.00.23 replacing the SAMM/Goodrich/UTAS/Collins former servo-controls by the Goodrich new generation ones (MOD 073221) on AS350/AS550 versions equipped with single hydraulic assistance.
An alternative for the customers with aircrafts equipped with the SAMM/Goodrich/UTAS/Collins former servo-controls (single hydraulic assistance) is to:

- Install the Banjo screw P/N 350A08-2321-20 corresponding to the modification MOD 073178 (SB No. AS350-67.30.0001 / No. AS550-67.30.0001),
- Request during the next overhaul, the application of last configuration corresponding to the modification MOD 073221.

The different configurations of servo-controls & banjo screws are presented in the SB No. AS350-67.00.41 / AS550-67.00.42.
The Dunlop servo-controls or the SAMM/Goodrich/UTAS/Collins & Novintec dual hydraulic servo-controls have already demonstrated a good behaviour to the PIO/PAO phenomenon.