AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) to ADs.

Number:

CF-2017-37

Effective Date:

2 January 2018

ATA:

67

Supplemental Type Certificates:

Multiple

Subject:

Flight Controls – Restriction of directional control pedal movement

Applicability:

Litter kits part numbers (P/Ns) 350-200034 or 350-200194 (left-hand litter kit) or P/N 350-200144 (right-hand litter kit). These kits are eligible for installation on the following Airbus Helicopters models:
AS 350 B, AS 350 BA, AS 350 B1, AS 350 B2, AS 350 B3, AS 350 D, AS 355 E, AS 355 F, AS 355 F1, AS 355 F2, AS 355 N, AS 355 NP as detailed in tables 1 and 2.

These kits have been certified under the Supplemental Type Certificate (STC) numbers as noted in tables 1 and 2.

Table 1

Part Numbers Affected	STC Number	Authority Issuing STC	Comment
350-200034 or 350-200194	SH94-29	Transport Canada	Eligible for installation on AS350 and AS355
	O-LSH93-0162	Transport Canada	Limited STC applicable to AS350 B2 helicopter serial numbers (S/Ns) 2738 and 2749
	SR00406NY	Federal Aviation Administration (USA)	Eligible for installation on AS 355
	SR00407NY	Federal Aviation Administration (USA)	Eligible for installation on AS350
	1999S08-14	Agência Nacional de Aviação Civil (Brazil)	Eligible for installation on AS350
	1999S08-15	Agência Nacional de Aviação Civil (Brazil)	Eligible for installation on AS350
	1999S08-16	Agência Nacional de Aviação Civil (Brazil)	Eligible for installation on AS355
	10038250	European Aviation Safety Agency	Eligible for installation on AS350 or AS355
	IA-299/2015	Dirección General de Aeronáutica Civil (Mexico)	Eligible for installation on AS350 or AS355

Table 2

Part Numbers Affected	STC Number	Authority Issuing STC	Comment
350-200144	SH96-62	Transport Canada	Eligible for installation on AS350
	O-LSH03-094/D	Transport Canada	Limited STC applicable to AS350 B3 helicopter S/N 3478
	O-LSH96-344/D	Transport Canada	Limited STC applicable to AS350 B2 helicopters S/Ns 2855 and 2931
	SR00458NY	Federal Aviation Administration (USA)	Eligible for installation on AS350
	RC 1024	Luftfahrt-Bundesamt (LBA), (Germany)	Eligible for installation on AS350

Compliance:

As indicated below, unless already accomplished.

Background:

It has been reported that the lanyards that hold the quick release pins to the forward bracket assembly have the potential to loop around the directional control pedal stubs, limiting the movement of the pedals. If this condition exists and is not corrected during installation, this limitation may not be apparent until the pedal input is required in flight. Limits to flight control movement may cause difficulty controlling the helicopter.

Corrective Actions:

Within 25 hours air time from the effective date of this AD, modify the litter kit in accordance with Airbus Helicopters Canada Limited service bulletin SB-AHCA-128, Revision 0, dated 24 March 2017, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

From the effective date of this AD, installation of an affected part number litter kit is prohibited unless the installation conforms to the requirements of Airbus Helicopters Canada Limited service bulletin SB-AHCA-128, Revision 0, dated 24 March 2017, or later revisions approved by the Chief, Continuing Airworthiness, Transport.

Transport Canada STC SH94-29 issue 10 or later satisfies the requirements of this AD.

Transport Canada STC SH96-62 issue 6 or later satisfies the requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 19 December 2017

Contact:

Ross McGowan, Continuing Airworthiness, Ottawa, telephone 888-663-3639, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.