



# NIGERIAN CIVIL AVIATION AUTHORITY

P.M.B. 21029, 21038, IKEJA-LAGOS.

## ALL OPERATORS LETTER (AOL 058)

**Circular Ref:** NCAA/DAWS/AD.1104/AOL 058/Vol.I  
**Date:** 12<sup>th</sup> February, 2016  
**To:** All Sikorsky S76C Operators  
**From:** Directorate of Airworthiness Standards  
**Attn:** Accountable Manager / Quality Assurance Manager

### **SUBJECT: SAFETY INSPECTIONS ON ALL SIKORSKY S76C HELICOPTERS**

#### **PREAMBLE**

One of the Nigerian registered S76C++ helicopter was involved in a controlled ditching incident and prior to the occurrence the flight crews reported that a passenger reported an unusual burning smell emanating from the cabin during the previous flight. During the flight that led to the incident, the flight crew reported the 'TRIM-FAIL' and 'DAFCS caution lights illuminated repeatedly for some time, the collective became heavy and a power drop anytime it is pulled. There was a slight turn to the right with a high rate of descent and fast spinning of the EHSI and compass with instruments readings inaccurate. The Authority discovered that the incident as reported by the flight crew is similar to the Humberside Airport incident involving a UK registered Sikorsky S76C in September 2012.

As an interim safety measure, the Authority has determined that the underlisted safety inspections be carried out on all Sikorsky S76C series helicopter operating in Nigeria.

#### **ACTION REQUIRED**

All operators of Sikorsky S76C helicopters in Nigeria are hereby required to carry out the underlisted inspections:

1. Visual Inspection of left hand overhead and cockpit area wiring loom for signs of chaffing/arcng/burning in accordance with relevant S76C AMM 20-32-00
2. Detailed inspection of the flight control system which includes control rods, bellcranks, cables, pulleys AFCS flight controls including pitch, roll and yaw AFCS actuators, trim servos (Coll/Pitch/Roll) and pedals damper. Inspect all hydraulic servos for condition, wear and leakage in accordance with relevant S76C AMM 67-00-00.
3. Detailed inspection of the drivetrain to include engines, all gearboxes and drive shafts in accordance with the relevant S76C AMM 66-10-00, 66-20-00, 66-30-00, 66-40-00.

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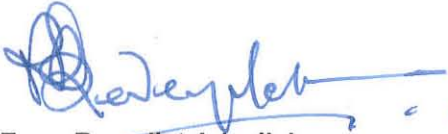
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Action is required to be complied within 72 hours with effect from today, 12<sup>th</sup> February, 2016 and repeated every 300 flight hours until further notice. Evidence of the initial accomplishment of this AOL should be forwarded to the Authority immediately.



**Engr. Benedict Adeyileka** LAE, MNSE, COREN  
**Director, Airworthiness Standards**  
**For: Director General**