

AMOC APPROVAL

10073769

This Alternative Method of Compliance (AMOC) Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation to:

TEXAS AIR SERVICES, Inc. d/b/a TEXAS AIR REPAIR

2610 45TH STREET
DICKINSON TX 77539
UNITED STATES OF AMERICA

and certifies that the Alternative Method of Compliance for the product listed below provides a level of safety equivalent to the level of safety to be restored by compliance with the original AD when operated within the conditions and limitations specified below:

Type Certificate Number: EASA.IM.A.575

Type Certificate Holder: Viking Air Limited

Type: DHC-6

Model: 100/110/200/210/300/310/400

Description of AMOC:

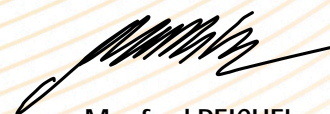
Alternative Method of Compliance to Airworthiness Directive AD-CF-2019-02

Repair of the MLG axle housing bore, axle bolt holes, brake flange attachment holes and pivot fitting lugs by weld build-up and machining to original manufacturing dimensions as per Texas Air Services (TAS) Repair Specification TAS-MLG-C6UM, Revision D, dated 26 March 2020 – Alternate Means of Compliance (AMOC) with TCCA Airworthiness Directive (AD) CF-2019-02 applicable to Viking Air LTD. (formerly de Havilland) model DHC-6 Aeroplane – Main Landing Gear P/N C6UM1110, EASA adopted 23 January 2019.

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 13 July 2020



Manfred REICHEL
Section Manager
Small Aeroplanes



Associated Technical Documentation:

TCCA AMOC No. AARDG 2020/A52 to TCCA Airworthiness Directive (AD) CF-2019-02 dated 26 June 2020.

Texas Air Services (TAS) Repair Specification TAS-MLG-C6UM, Revision D, dated 26 March 2020.

Inspection measurement record and repair of the MLG axle housing bore in accordance with TAS Form T-100 C, "DHC-6 MLG Axle Bore Housing Inspection and Repair Sheets" Revision A dated 8 June 2020.

Inspection measurement record and repair of the MLG axle bolt holes and brake flange holes in accordance with TAS Form T-100 C-1, "DHC-6 MLG Bolt and Flange Hole Inspection and Repair Sheets", Revision A dated 8 June 2020.

Inspection measurement record and repair of the MLG pivot fitting lugs in accordance with TAS Form T-100 C-2, "DHC-6 MLG Pivot Fittings Inspection and Repair Sheets", Revision A dated 8 June 2020.

Limitations and Conditions:

This AMOC does not cancel previously approved AMOCs 10072107 Rev 1 and 10073101 Rev 0; they remain in effect for previous repairs that met the conditions specified in those two AMOCs.

The MLG axle housing must be replaced if any measurement of the housing bore exceeds the repair limit mentioned in the TAS Form T-100 C, "DHC-6 MLG Axle Bore Housing Inspection and Repair Sheets" Revision A dated 8 June 2020.

The MLG axle housing must be replaced if any measurement of the MLG axle bolt holes or flange holes exceeds the repair limit mentioned in the TAS Form T-100 C-1 "DHC-6 MLG Bolt and Flange Hole Inspection and Repair Sheets", Revision A dated 8 June 2020.

The MLG pivot fitting must be replaced if any measurement of the lug thickness exceeds the repair limit mentioned in the TAS Form T-100 C-2, "DHC-6 MLG Pivot Fittings Inspection and Repair Sheets", Revision A dated 8 June 2020.

All other requirements of the MLG leg overhaul tasks that are not specifically referenced above remain applicable and must be complied with.

This Approval shall remain valid as long as the referenced AD is not cancelled or superseded.

- End -