



## SUPPLEMENTAL TYPE CERTIFICATE

**EASA.IM.A.S.01586**

This certificate, established in accordance with Regulations (EC) No 1592/2002 and (EC) No 1702/2003 and issued to:

**Airglas, Inc.**  
3500 O'Malley Road  
P.O. Box 190107  
Anchorage  
Alaska 99519-0107  
**USA**

certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable type certification basis and environmental protection requirements when operated within the conditions and limitations specified below:

**Original Product Type Certificate number:** 1) *FAA TCDS ref 5A6*  
2) *FAA TCDS ref 3A24*

**Manufacturer:** *Cessna Aircraft*

**Model:** 1) *180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J and 180K*

2) *185, 185A, 185B, 185C, 185D, 185E, A185E, A185F*

**Original STC Number:** *FAA STC No. SA02244AK*

### **Description of Design Change:**

Fabrication and Installation of Airglas Inc Model LH4000 hydraulically retractable wheel skis.



**Associated Technical Documentation:**

Installation in accordance with Airglas Inc Drawing No LH3600-1 original issue dated January 25, 2005 and Airglas Inc Installation, Maintenance, Service instructions and Illustrated Parts List, Airglas Inc Manual No LH4000-105, dated January 25, 2005 or later approved revisions. Instructions for continued airworthiness in accordance with Airglas Inc Manual No LH4000-106, initial release, dated January 25, 2005 or later approved revisions. Operation in accordance with FAA Approved Airplane Flight Manual Supplement for Cessna 180-185 Series Airplanes, dated June 8, 2005 or later approved revisions

**Limitations and Conditions:**

1. This STC is only applicable to aircraft fitted with a Tyre size of 8.50-6, Type III.
2. This STC is approved only for the product configuration as defined in the approved design data referred to in the paragraph "Description". Compatibility with other aircraft/engine configurations shall be determined by the installer.

This certificate shall remain valid unless otherwise surrendered or revoked.

For the European Aviation Safety Agency,  
Date of Issue: 28<sup>th</sup> July 2006

**Roger Hardy**  
Certification Manager  
General Aviation