

Airglas, Inc.
3500 O'Malley Road
Anchorage, Alaska 99507
Document No. AFMS-170EB Revision: (-)

FAA APPROVED
AIRPLANE FLIGHT MANUAL SUPPLEMENT
for
CESSNA MODEL 170B SERIES AIRPLANES

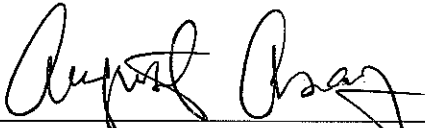
Reg. No. _____

Ser. No. _____

This document serves as a Airplane Flight Manual Supplement for Cessna Model 170B airplanes. This document must be carried in the airplane at all times when the Airglas, Inc. 170EB Extended Baggage Compartment is installed in accordance with Supplemental Type Certificate (STC) Number SA02432AK.

The information contained in this document supplements or supersedes the information in the FAA approved Airplane Flight Manual only in those areas listed. For limitations, procedures, and performance information not contained in this document, consult the basic placards, markings, or manuals or the basic FAA approved airplane flight manual.

FAA Approved:


August Asay
Manager, Aircraft Certification Office
Federal Aviation Administration
Anchorage, Alaska

Date: JUL 13 2015

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Airplane Flight Manual Supplement
For Cessna Model 170B Series Airplanes
with Extended Baggage Compartment Installed

LOG OF REVISIONS

REVISION		PAGES REVISED AND DESCRIPTION OF REVISIONS	APPROVAL SIGNATURE
NO.	DATE		

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SECTION I. GENERAL: The Airglas, Inc. P/N 170EB Extended Baggage Compartment consists of a 2-piece fiber composite structural assembly that attaches internally to the aircraft fuselage bulkhead assemblies @ FS 108 and FS 140. It allows for storage of primarily large, light, bulky items in the previously unused fuselage volume between FS 108 and FS 140.

SECTION II. LIMITATIONS:

Airglas, Inc., Extended Baggage Compartment, P/N 170EB

1. Maximum Weight for Extended Baggage Area is **50 Pounds**.
2. Maximum loading is 50 pounds per square foot.
3. Cessna cargo net (P/N 2015009-3 or equivalent) is a required part of the extended baggage compartment installation.
4. Items placed in the extended baggage compartment shall be of sufficient size to be restrained by the cargo net.
5. The following placards must be installed:

The following placards are required to be located on the face of the bulkhead assembly at fuselage station 108, or on the inside of the baggage door.

**50 POUND MAXIMUM LOAD
REFER TO WEIGHT & BALANCE DATA
FOR BAGGAGE/CARGO LOADING**

**CAUTION
It is possible to exceed the aft CG limitation with the allowable weight
in the extended baggage area. Operations outside the CG limitations
are prohibited.**

SECTION III. Weight and Balance

1. It is the responsibility of the pilot and operator to see that the airplane weight and balance are maintained within FAA approved limits.

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SECTION III. Weight and Balance-Continued

2. Use caution to prevent exceeding the aft C.G. limit. It is possible to load outside the aft C.G. limit without exceeding the 50 lb. maximum weight of the extended baggage area. No operations outside the aft C.G. limit are approved by this extended baggage installation.

3. When calculating the airplane gross weight and center of gravity (C.G.) location, the following should be used to determine baggage moment:

Baggage Area	Weight – lbs.	Arm * - in.	Moment – in.-lbs.
Standard Baggage (Area 1.)		(+95)	
Extended Baggage (Area 2.)		(+124)	

*Arms are measured from the datum to the center of baggage areas under consideration.

Note:

1. Moment = Weight X Arm.
2. Extended baggage area is between fuselage station 108 and fuselage station 140.
3. Maximum weight for the extended baggage area is 50 pounds.

SECTION IV. EMERGENCY PROCEDURES: Unchanged

SECTION V. NORMAL PROCEDURES: Unchanged

SECTION VI. PERFORMANCE: Unchanged

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