Revision Transmittal

March 30, 2012

TO: Cessna Distributors, Single Engine Authorized Service Facilities, CPC's, and ASR's
SUBJECT: Light Sport Service Bulletin SB11-52-01 Revision 1: Cabin Door Secondary Latch Installation.

REASON FOR REVISION

To revise the Compliance section.
Miscellaneous changes as necessary.

REQUIRED ACTION

Please replace any copy of SB11-52-01 with the attached copy of SB11-52-01 Revision 1 which is printed in its entirety.

NOTE: Compliance with SB11-52-01 Revision 1 is not required for airplanes in compliance with the Original Issue.

LOG OF EFFECTIVE PAGES

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<th>Page No.</th>
<th>Date</th>
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<td>9</td>
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</tr>
</tbody>
</table>

To obtain satisfactory results, procedures specified in this publication must be accomplished in accordance with accepted methods and prevailing government regulations. Cessna Aircraft Company cannot be responsible for the quality of work performed in accomplishing the requirements of this publication.

Cessna Aircraft Company, Customer Service, P.O. Box 7706, Wichita, Kansas 67277, U.S.A. (316) 517-5800, Facsimile (316) 517-7271
www.cessnasupport.com

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Light Sport

Service Bulletin

March 30, 2012

SB11-52-01
Revision 1

TITLE
CABIN DOOR SECONDARY LATCH INSTALLATION

EFFECTIVITY

<table>
<thead>
<tr>
<th>Model</th>
<th>Serial Numbers</th>
</tr>
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<tbody>
<tr>
<td>162</td>
<td>1620002 thru 16200240</td>
</tr>
</tbody>
</table>

REASON
When the doors are not closed correctly, the door latches may not be completely engaged, and they can come open during flight.

DESCRIPTION
A secondary latch on the inside of the door is installed to make sure that the door does not open during flight.

COMPLIANCE

Mandatory: Shall be accomplished within 90 days from the date of this service bulletin.

NOTE: Compliance with SB11-52-01 Revision 1 is not required for airplanes in compliance with the Original Issue.

APPROVAL
Cessna Aircraft Company approval has been obtained on technical data in this publication that affects airplane compliance to ASTM standards.

TYPE OF MAINTENANCE
Heavy

CERTIFICATION

• Airframe and Powerplant Mechanic
• Repair Station
MANPOWER

1.4 man-hours to accomplish this service bulletin

REFERENCE

Model 162 Maintenance Manual
Model 162 Illustrated Parts Catalog

NOTE: Make sure all publications used are complete and current. Refer to www.cessnasupport.com.

NOTE: This information shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual or Instructions for Continued Airworthiness and must be accomplished for ongoing airworthiness compliance as required per ASTM consensus standards and, if required, 14 CFR Part 43.13.

MATERIAL AVAILABILITY

The following part is available from Cessna Service Parts and Programs through an appropriate Cessna Single-Engine Authorized Service Facility.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty/Airplane</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB11-52-01</td>
<td>Cabin Door Secondary Latch</td>
<td>1</td>
</tr>
</tbody>
</table>

CREDIT INFORMATION

Applicable parts credit and a labor allowance credit of 1.4 man-hours per airplane will be provided to accomplish this service bulletin.

Freight will be credited at the most economical method unless pre-approved by Cessna. For pre-approval contact Cessna Service Parts and Programs Warranty Administration at Telephone: 316-517-4296, Fax: 316-206-2746 or E-mail: cpd2claims@cessna.textron.com.

To receive credit, the work must be completed by June 30, 2012. A Warranty Claim must be submitted by a Cessna Single-Engine Authorized Service Facility within 30 calendar days of service bulletin compliance before the credit expiration dates shown below.

<table>
<thead>
<tr>
<th></th>
<th>Domestic</th>
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<tbody>
<tr>
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<td></td>
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<tr>
<td></td>
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ACCOMPLISHMENT INSTRUCTIONS

WEIGHT AND BALANCE INFORMATION

<table>
<thead>
<tr>
<th>MODEL</th>
<th>162</th>
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<tr>
<td>WEIGHT CHANGE</td>
<td>+0.44 pound</td>
</tr>
<tr>
<td>ARM</td>
<td>121.68 inches</td>
</tr>
<tr>
<td>RESULTANT MOMENT</td>
<td>53.54 inch-pounds</td>
</tr>
<tr>
<td>MOMENT/1000</td>
<td>0.054 inch-pound</td>
</tr>
</tbody>
</table>
MATERIAL INFORMATION

Order the kit below to install this modification:

<table>
<thead>
<tr>
<th>NEW P/N</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>OLD P/N</th>
<th>DISPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SB11-52-01</td>
<td>1</td>
<td>Kit, consisting of the following parts:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NAS8603-2 8 Screw</td>
<td>NAS8603-2 or AN525-10R7</td>
<td>Discard</td>
</tr>
<tr>
<td>0905000-10</td>
<td>2</td>
<td>Placard, Door Open</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>0905000-11</td>
<td>2</td>
<td>Placard, Door Latched</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>0991905-55</td>
<td>1</td>
<td>Door Retainer Assembly, Left</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>0991905-56</td>
<td>1</td>
<td>Door Retainer Assembly, Right</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Instructions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The parts below will also be necessary:

<table>
<thead>
<tr>
<th>NEW P/N</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>OLD P/N</th>
<th>DISPOSITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>162CLUS-04 (or later revision)</td>
<td>1</td>
<td>Pilot's Checklist</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>162PHUS-04 (or later revision)</td>
<td>1</td>
<td>Pilot's Operating Handbook and Flight Training Supplement, Revision 4 (or later revision)</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

In addition to the above kit, the part that follows, or equivalent, will be necessary:

<table>
<thead>
<tr>
<th>NAME</th>
<th>NUMBER</th>
<th>MANUFACTURER</th>
<th>USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD Card</td>
<td>Toshiba or SanDisk</td>
<td>Commercially Available</td>
<td>To download the G300 Configuration File Software - Software is available from a Cessna Single-Engine Authorized Service Facility</td>
</tr>
</tbody>
</table>

Instructions

1. Prepare the airplane for maintenance.
   A. Make sure that all electrical switches are in the OFF position.
   B. Disconnect electrical power from the airplane.
      (1) Electrically ground the airplane.
      (2) If the optional ground service receptacle is installed, disconnect external electrical power.
      (3) Remove the engine cowl. (Refer to the Model 162 Maintenance Manual, Chapter 71, Engine Cowling - Maintenance Practices.)
      (4) Disconnect the airplane battery.
C. Attach the maintenance warning tags to the battery and the external power receptacle (if installed) that have "DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS" written on them.

D. Disengage the SEC PWR circuit breaker, found on the instrument panel.

2. (Refer to Figure 1, Detail A and Detail B.) Open the left door and install the 0991905-55 Left Door Retainer Assembly as follows:

   **CAUTION:** MAKE SURE THAT THE SECONDARY DOOR LATCH ENGAGES THE FULL OPEN AND THE FULL CLOSED DETENTS IN THE SECONDARY DOOR LATCH. IF THE LATCH DOES NOT ENGAGE THE DETENTS IN THE SECONDARY DOOR LATCH, THE DOOR LATCH CAN COME OUT OF THE CLOSED POSITION AND CAUSE DAMAGE TO THE DOOR.

   A. Remove and discard the four screws that attach the forward latch to the door. Do not remove the door latch.
   B. Put the 0991905-55 Left Door Retainer Assembly in position on the forward door latch.
   C. With the four NAS8603-2 Screws, install the 0991905-55 Left Door Retainer Assembly in position on the forward door latch.
   D. Make sure that the door opens and closes correctly and completely.

3. (Refer to Figure 1, Detail A and Detail B.) Open the right door and install the 0991905-56 Right Door Retainer Assembly as follows:

   **CAUTION:** MAKE SURE THAT THE SECONDARY DOOR LATCH ENGAGES THE FULL OPEN AND THE FULL CLOSED DETENTS IN THE SECONDARY DOOR LATCH. IF THE LATCH DOES NOT ENGAGE THE DETENTS IN THE SECONDARY DOOR LATCH, THE DOOR LATCH CAN COME OUT OF THE CLOSED POSITION AND CAUSE DAMAGE TO THE DOOR.

   A. Remove and discard the four screws that attach the forward latch to the door. Do not remove the door latch.
   B. Put the 0991905-56 Right Door Retainer Assembly in position on the forward door latch.
   C. With the four NAS8603-2 Screws, install the 0991905-56 Right Door Retainer Assembly in position on the forward door latch.
   D. Make sure that the door opens and closes correctly and completely.

4. (Refer to Figure 1, View A-A and Detail C.) On the left and on the right doors, install the 0905000-10 Door Open Placards and the 0905000-11 Door Latched Placards as follows:

   A. Clean the installation area for the four new placards with isopropyl alcohol or equivalent. (Refer to the Model 162 Maintenance Manual, Chapter 20, Interior Finish - Cleaning/Painting.)
   B. Remove the protective backings and install the two 0905000-10 Door Open Placards and the two 0905000-11 Door Latched Placards in the approximate positions specified in Figure 1 of this service bulletin.

5. Remove the maintenance warning tags from the battery and the external power receptacle (if installed) and connect the battery.

6. Install the engine cowl. (Refer to the Model 162 Maintenance Manual, Chapter 71, Engine Cowling - Maintenance Practices.)

7. If not already done, review and incorporate the 162PHUS-04 Pilot's Operating Handbook and Flight Training Supplement, Revision 4 (or later revision) and the 162CLUS-04 Pilot's Checklist, Revision 4 (or later revision).

8. Engage the SEC PWR circuit breaker.
9. Revise the Weights and Balance / Installed Equipment List to show the weight change and installed equipment.

10. Update the Garmin G300 Weight and Balance Calculator. (Refer to the Garmin G300 Installation Manual.)

11. Start the Garmin G300 again in normal mode and make sure that the weight and balance information has been updated correctly.

12. Make an entry in the airplane logbook that states compliance and method of compliance with this Service Bulletin.

**NOTE:** This information shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual or Instructions for Continued Airworthiness and must be accomplished for ongoing airworthiness compliance as necessary in accordance with 14 CFR Part 43.13.
Figure 1. Cabin Door Secondary Latch Installation (Sheet 1)

0991905–55
Left Door Retainer Assembly
0991905–56
Right Door Retainer Assembly
(1 Required)

Forward Door Latch (Reference)

NAS8603–2
Bolt
(4 Required)

DETAIL A

DETAIL B

Left Side Shown
Right Side Opposite

Page 6

SB11-52-01 Revision 1
March 30, 2012
A. On December 15, 2011 the following message was sent to applicable owners of record in SB11-52-01A.

Dear Skycatcher Owner:

This Owner Advisory is to inform you that SB11-52-01 has been issued.

When the door latches are not correctly engaged, the doors are not closed completely, and they can come open during flight.

A secondary latch on the inside of the door is installed to make sure that the door does not open during flight.

Compliance is Mandatory: Shall be accomplished within the next 12 months.

NOTE: The information contained in the referenced Cessna Service Bulletin shall be considered an amendment to the Cessna Manufacturer's Service/Maintenance Manual or Instructions for Continued Airworthiness and must be accomplished for ongoing airworthiness compliance as required per ASTM consensus standards and, if required, 14 CFR Part 43.13.

Applicable parts credit and a labor allowance credit of 1.4 man-hours per airplane will be provided to accomplish this service bulletin.

To receive credit, the work must be completed and a Warranty Claim submitted by a Cessna Single-Engine Authorized Service Facility within 30 calendar days of service bulletin compliance before the credit expiration dates shown below.

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<tbody>
<tr>
<td></td>
<td>December 29</td>
<td>December 29</td>
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</table>

Special Note to Authorized Service Facility:

When you complete the Warranty Claim, the labor allowance claimed shall be itemized for each above action completed.

Please contact a Cessna Single-Engine Authorized Service Facility for detailed information and arrange to have Cessna Service Bulletin SB11-52-01 accomplished on your airplane.

As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the www.cessnasupport.com Customer Access link to register.

B. On March 30, 2012 the following message will be sent to applicable owners of record in SB11-52-01AR1.

Dear Skycatcher Owner:

This Owner Advisory is to inform you that SB11-52-01 Revision 1 has been issued.

When the door latches are not correctly engaged, the doors are not closed completely, and they can come open during flight.

A secondary latch on the inside of the door is installed to make sure that the door does not open during flight.

Compliance is Mandatory: Shall be accomplished within 90 days from the date of this service bulletin.

NOTE: Compliance with SB11-52-01 Revision 1 is not required for airplanes in compliance with the Original Issue.

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To receive credit, the work must be completed by June 30, 2012. A Warranty Claim must be submitted by a Cessna Single-Engine Authorized Service Facility within 30 calendar days of service bulletin compliance before the credit expiration dates shown below.

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<tr>
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<td>July 30, 2012</td>
<td>July 30, 2012</td>
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Please contact a Cessna Single-Engine Authorized Service Facility for detailed information and arrange to have Cessna Service Bulletin SB11-52-01 Revision 1 accomplished on your airplane.

As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the www.cessnasupport.com Customer Access link to register.
Owner Advisory

March 30, 2012  SB11-52-01AR1

Dear Skycatcher Owner:

This Owner Advisory is to inform you that SB11-52-01 Revision 1 has been issued.

When the door latches are not correctly engaged, the doors are not closed completely, and they can come open during flight.

A secondary latch on the inside of the door is installed to make sure that the door does not open during flight.

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Domestic .......................... July 30, 2012
International ......................... July 30, 2012

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