

MANDATORY**SEL-57-05****TITLE**

WINGS - BONANZA STALL STRIP RELOCATION

EFFECTIVITY**MODEL**

Bonanza G36

SERIAL NUMBERS

E-4110 thru E-4112

REASON

This service document is being issued because the left hand stall strip might be located too far outboard. An incorrectly located stall strip may affect stall characteristics.

DESCRIPTION

This service document provides parts and instructions to relocate the left hand stall strip if it is found to be too far outboard.

COMPLIANCE

MANDATORY. This service document must be accomplished at the next 100-hour or 12-month (annual-type) inspection.

A service document published by Textron Aviation may be recorded as *completed* in an aircraft log only when the following requirements are satisfied:

- 1) The mechanic must complete all of the instructions in the service document, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service document kit. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The mechanic or airplane owner must use the technical data in the service document only as approved and published.
- 4) The mechanic or airplane owner must apply the information in the service document only to aircraft serial numbers identified in the *Effectivity* section of the document.
- 5) The mechanic or airplane owner must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service document or flight manual supplement without prior written consent from Textron Aviation.

Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-owned Service Center.

February 1, 2019

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Textron Aviation Customer Service, P.O. Box 7706, Wichita, KS 67277, U.S.A. 1-316-517-5800

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MANDATORY**SEL-57-05****CONSUMABLE MATERIAL**

You must use the consumable materials that follow, or their equivalent, to complete this service document.

NAME	NUMBER	MANUFACTURER	USE
Alodine	U074093	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	To apply to bare metal
Corrosion Resistant Primer	K000912	Textron Aviation Parts Distribution	To apply to bare metal
Matterhorn White Paint	CA8800/F17865	Commercially Available	To touch-up rivets and applicable areas on wing leading edge

TOOLING

No specialized tooling is required to complete this service document.

REFERENCES

None.

PUBLICATIONS AFFECTED

None.

ACCOMPLISHMENT INSTRUCTIONS

1. (Refer to Figure 1, Sheet 1 and Sheet 2.) Inspect to determine if the left hand stall strip is installed outboard of the fuel cap.
 - A. If the stall strip is outboard of the fuel cap, it must be relocated. Go to Step 2.
 - B. If the stall strip is correctly installed inboard of the fuel cap, no further action is required. Go to Step 6.
2. Prepare the airplane for maintenance.
 - A. Make sure that the airplane is electrically grounded.
 - B. Make sure that all switches are in the OFF/NORM position.
 - C. Disconnect electrical power from the airplane.
 - (1) Disconnect the airplane battery.
 - (2) Disconnect external electrical power.
 - D. Attach maintenance warning tags to the battery and external power receptacle that have **"DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS"** written on them.
3. (Refer to Figure 1, Sheet 3.) Relocate the stall strip:
 - A. Remove rivets from existing stall strip.
 - B. Remove the stall strip.
 - C. Remove rivet butts/FOD from the leading edge.
 - D. Discard rivets.
 - E. Plug open rivet holes at the location from which the stall strip was removed:
 - (1) Drill the existing four rivet holes in the wing skin to 9/64-inch diameter.
 - (2) Countersink 100° x 0.165-inch diameter.

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- (3) Protect all exposed bare material with Alodine and Epoxy primer.
- (4) Install four new CR3245-4-1 Rivets in the open, countersunk holes.
- F. (Refer to Figure 1, Sheet 3.) Position one end of the removed stall strip 26.38 inches outboard of wing station 47.00, with the opposite end of the stall strip extending outboard.
- G. (Refer to Figure 1, Sheets 4 and 5.) Position the apex of the outboard edge of the stall strip 17.47-Inches from the forward edge of the wing spar measured along the upper contour. Position the apex of the inboard edge of the stall strip 18.25-Inches from the forward edge of the wing spar measured along the upper contour.
- H. (Refer to Figure 1, Sheet 3.) Hold the stall strip at the defined position and match/drill four 0.128-inch diameter rivet holes from the stall strip to the wing skin.
- I. Protect all exposed bare material with Alodine and Epoxy primer.
- J. Use four new MS20600AD4W5 Rivets to install the stall strip at the defined location.
4. Touch-up paint as necessary.
5. Remove the maintenance warning tags and connect the airplane battery.
6. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

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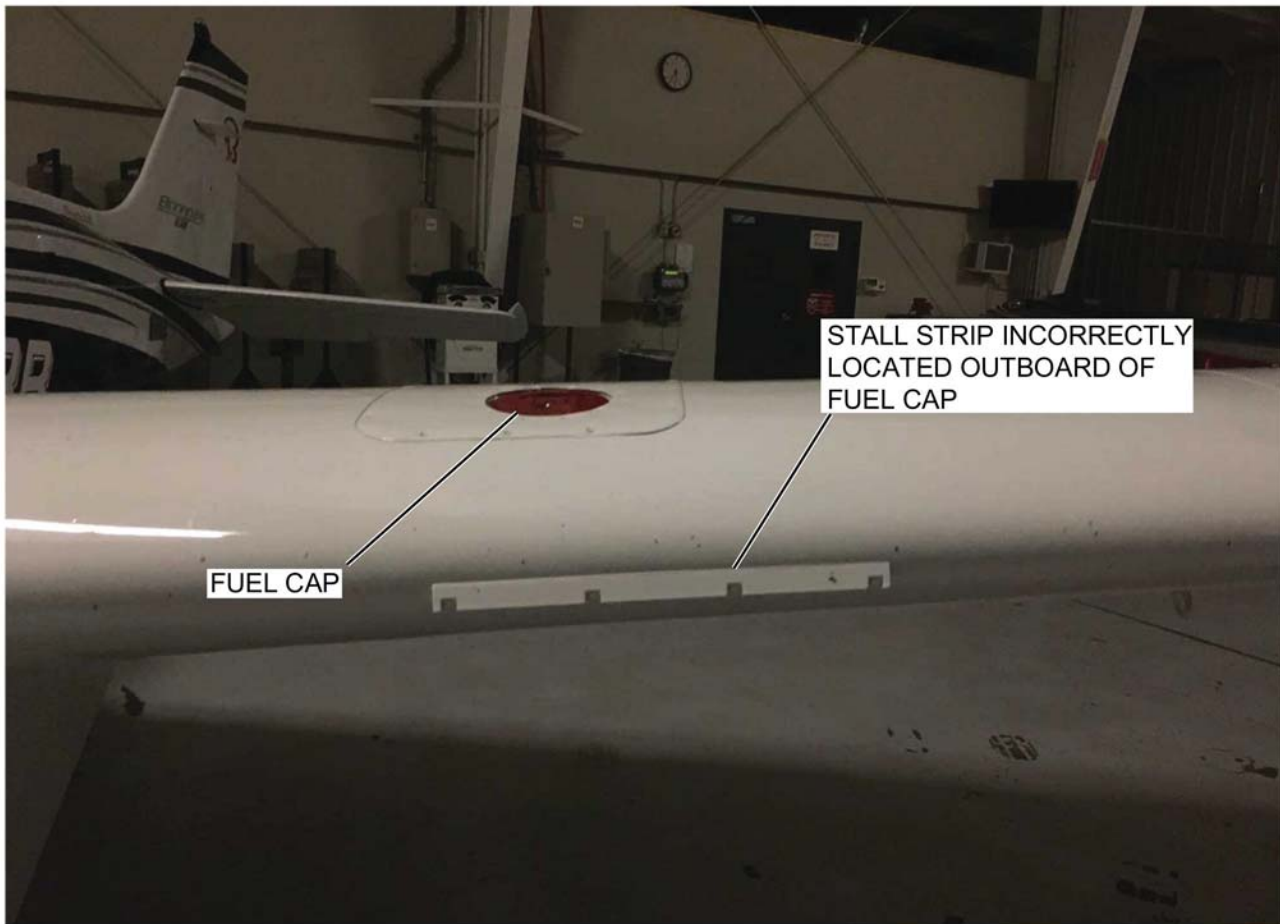


Figure 1. Bonanza Stall Strip Relocation (Sheet 1)

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Figure 1. Bonanza Stall Strip Relocation (Sheet 2)

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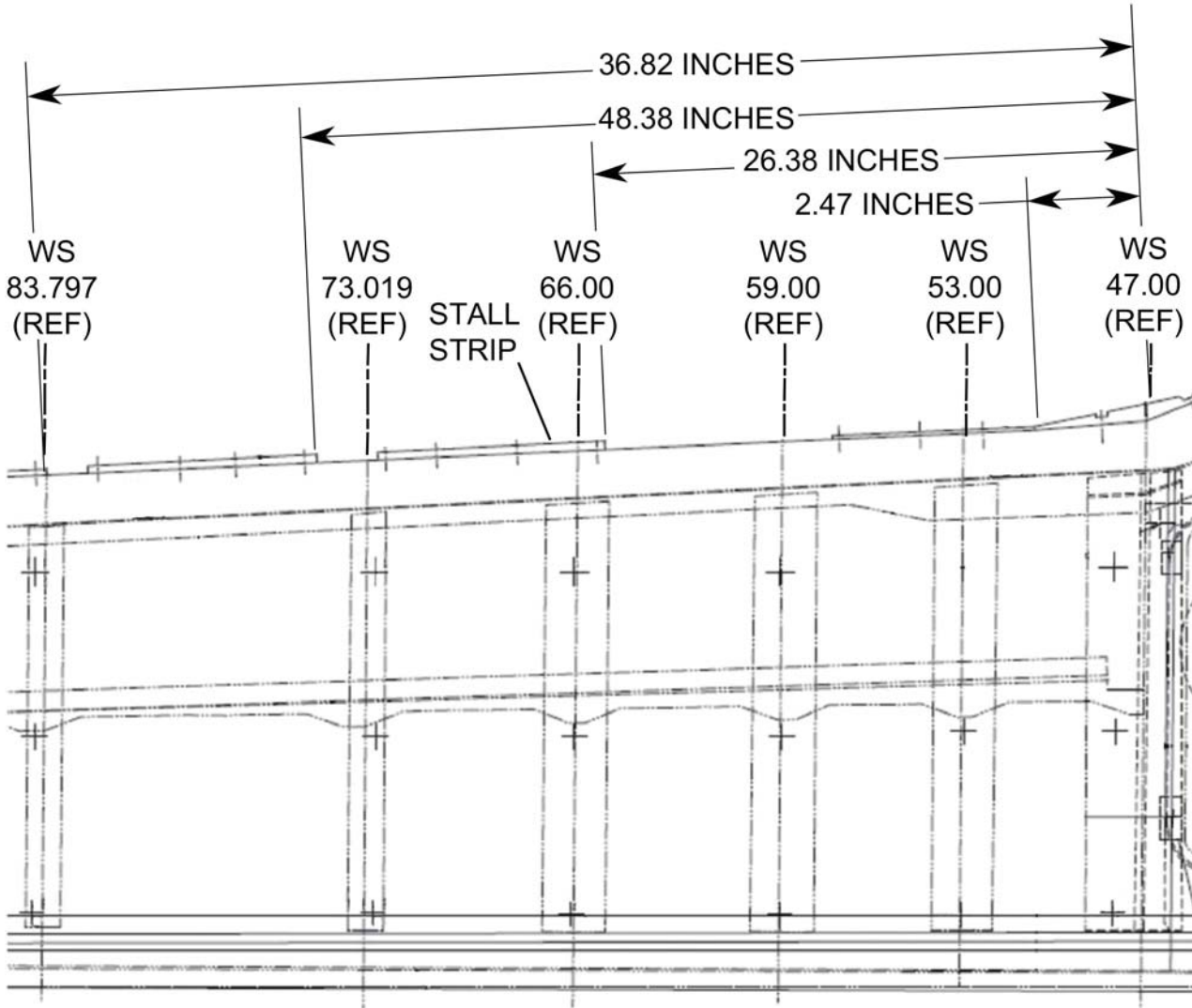


Figure 1. Bonanza Stall Strip Relocation (Sheet 3)

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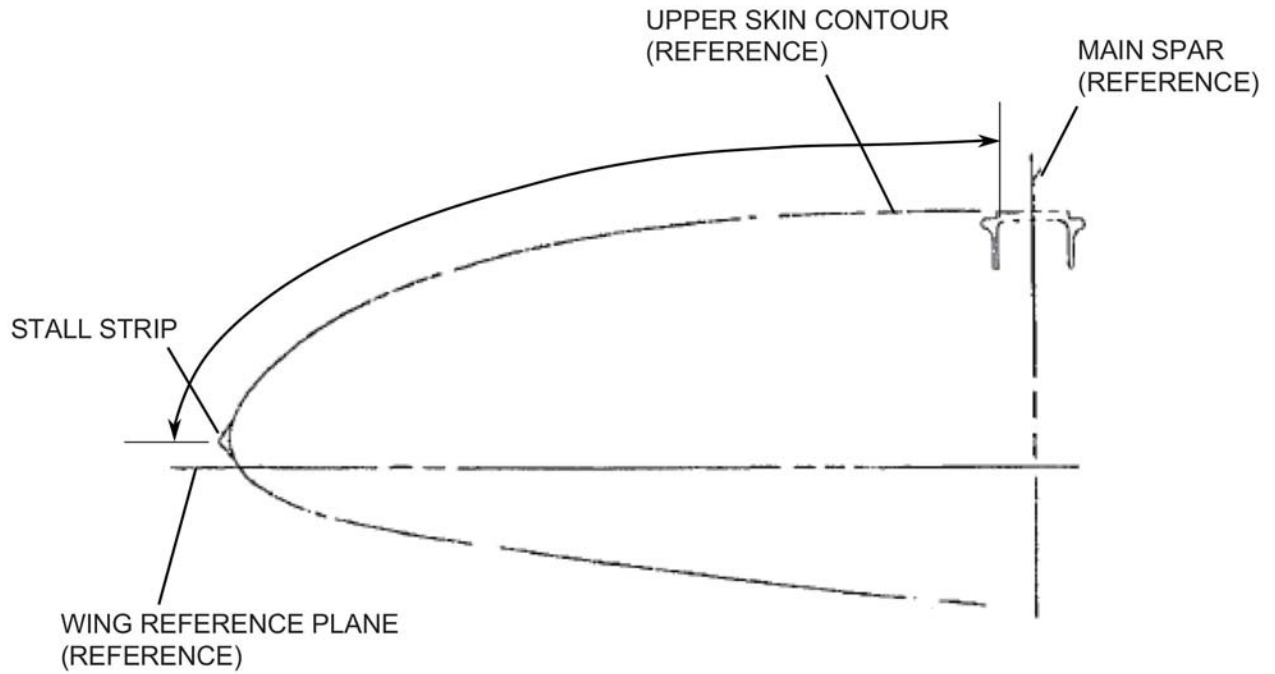


Figure 1. Bonanza Stall Strip Relocation (Sheet 4)

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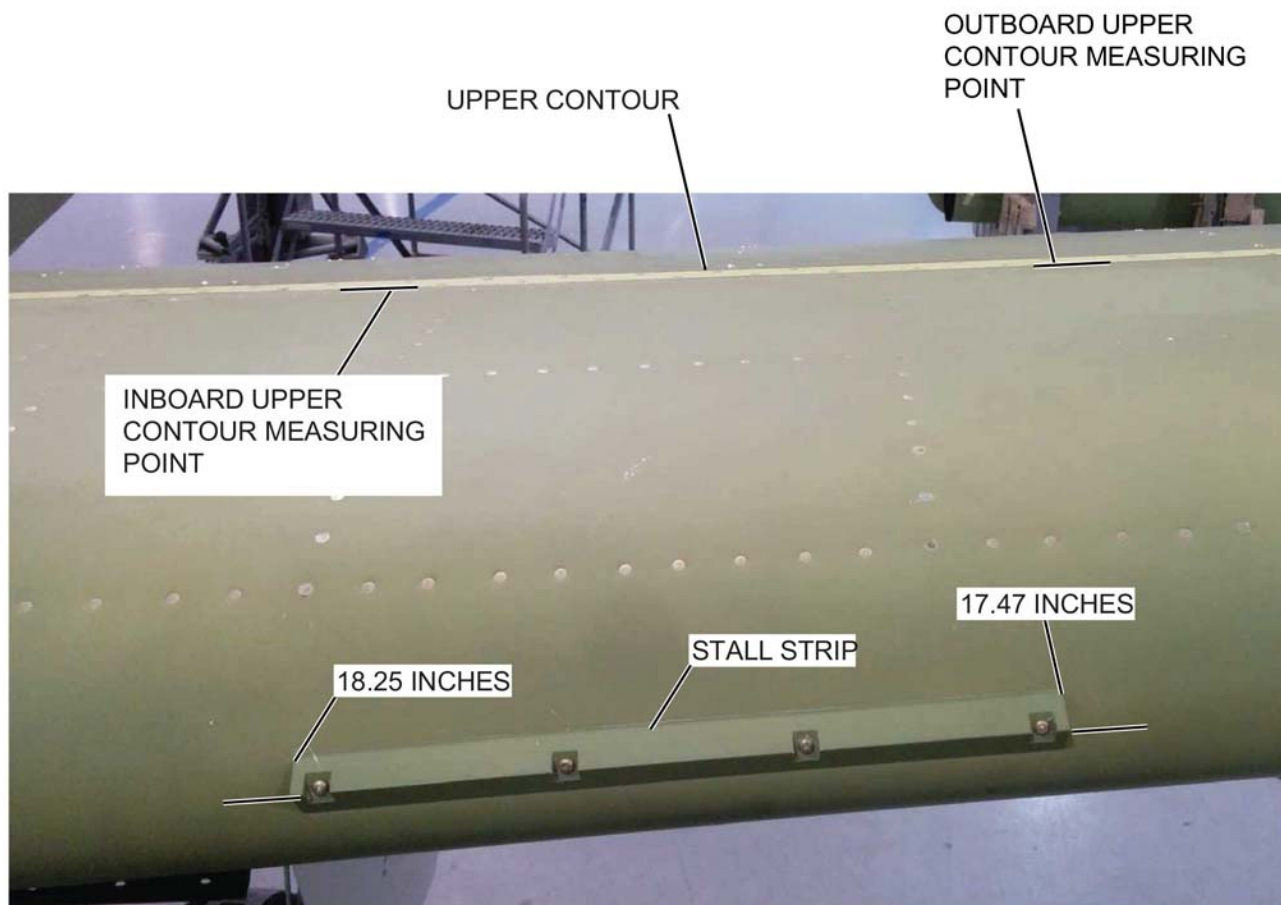


Figure 1. Bonanza Stall Strip Relocation (Sheet 5)

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MATERIAL INFORMATION

Order the parts below to install this modification.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
MS20600AD4W5	4	Rivets		
CR3245-4-1	4	Rivets		

* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

TITLE

WINGS - BONANZA STALL STRIP RELOCATION

TO:

Bonanza Aircraft Owner

REASON

This service document is being issued because the left hand stall strip might be located too far outboard. An incorrectly located stall strip may affect stall characteristics.

COMPLIANCE

MANDATORY. This service document must be accomplished at the next 100-hour or 12-month (annual-type) inspection.

LABOR HOURS

For planning purposes only:

WORK PHASE	LABOR-HOURS
Modification and Paint	10.0

MATERIAL AVAILABILITY

No part are required to complete this service document.

PART NUMBER	AVAILABILITY	COST
MS20600AD4-W5	*	*
CR3245-4-1	*	*

* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

WARRANTY

This service document is mandatory. Eligible airplanes may qualify for parts and labor coverage to the extent noted in the *Labor Hours* and *Material Availability* sections of this document.

Eligibility: All airplanes identified within the serial number effectivity of this service document.

Parts Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities, operators, or other maintenance facilities may submit a claim for the parts required to accomplish this service document as defined in the *Material Availability* section of this document.

Labor Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities rated to perform maintenance on the specific model of Beechcraft Aircraft may submit a claim for the labor necessary to accomplish this service document as defined in the *Labor Hours* section of this document.

Credit Application: After this service document has been accomplished, a claim must be submitted to Textron Aviation within 30 days of the service document completion. Claims for compliance of this service document are to be filed as a W4 type claim.

Please submit your claim form online at ww2.txtav.com/Parts or email the completed Textron Aviation Claim Form to warranty@txtav.com. If submitted on-line a Return Authorization will be provided. If a paper claim is submitted your claim will be entered into the system and a Return Authorization will be sent to you.

The Return Authorization must accompany any required return parts (see *Material Availability*), to the point of purchase.

Parts to be returned to Textron Aviation Parts Distribution should be forwarded to:

Textron Aviation Parts Distribution
Warranty Administration
285 South Greenwich Road
Bldg B89, Docks 1-4
Wichita, KS 67206
USA

Expiration: August 1, 2020 (after this date the owner/operator assumes the responsibility for compliance costs)

Textron Aviation reserves the right to void continued airplane warranty coverage for the parts affected by this service document until the service document is accomplished.

NOTE: 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 Customer Access link at www.txtavsupport.com to register.