



A I R C R A F T

SERVICE LETTER

SL-AG-135

Initial Release: 06/07/2024

Baggage Compartment Door Inspection

Affected Aircraft Models	Serial Number Range
S2R-H80 S2R-510	ALL

DAVID E. YARBROUGH

David Yarbrough

Director of Engineering

TABLE OF CONTENTS

1. PURPOSE/REASON FOR PUBLICATION	4
2. SCOPE/COMPLIANCE	4
3. REFERENCE DOCUMENTS.....	4
4. INSPECTION INSTRUCTIONS	4
5. INSTRUCTIONS TO CLOSE & SECURE DOOR	6
6. LATCH MODIFICATION INSTRUCTIONS.....	8
7. COMPLIANCE.....	10

LOG OF REVISIONS

NOTE: Reformatting and correction of typographical errors is not considered revision.

Rev.	Page	Description of Revision	By:
IR	All	New Document Initial Release.	T. Surratt 06/07/2024

1. PURPOSE/REASON FOR PUBLICATION

Thrush has been notified by one or more operator(s) of a baggage compartment door coming open during flight. This Service Letter acts as a notification and reminder to all S2R-H80 and S2R-510 model aircraft operators to inspect each baggage compartment door before each flight.

2. SCOPE/COMPLIANCE

This Service Letter contains the instructions for the inspection of the baggage compartment door to ensure that it is properly closed and that the latches are secured during the Pre-Flight Inspection.

3. REFERENCE DOCUMENTS

- S2R-H80 AFM, Page 17, Position 4.k & Page 18 Position 6.f
- S2R-510 -34 SC AFM, Page 25, Position 4.9 & Position 6.5
- S2R-510 -34 DC AFM, Page 28, Position 4.9 & Page 29, Position 6.5
- S2R-510 -140 SC AFM, Page 15, Position 4.9 & Position 6.5
- S2R-510 -140 DC AFM, Page 18, Position 4.9 & Page 19, Position 6.5

4. INSPECTION INSTRUCTIONS

During Pre-Flight Inspection, ensure all baggage compartment doors are properly closed and the latches are secured as listed in the S2R-H80 and S2R-510 Flight Manuals. (Reference Figures 4.1-4.3)

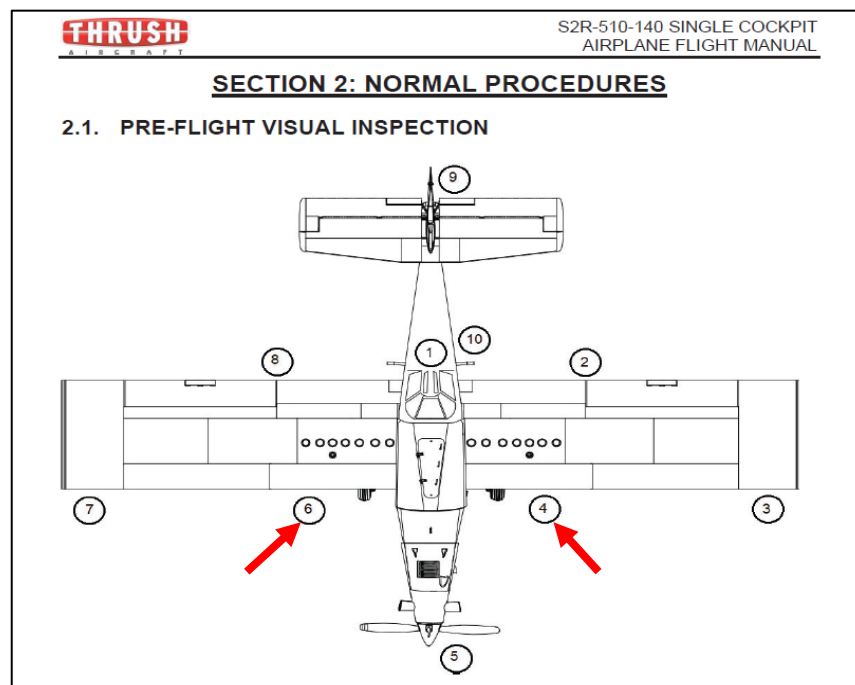


Figure 4.1


	S2R-510-140 SINGLE COCKPIT AIRPLANE FLIGHT MANUAL
Position 4 :	
1. Wing Tie Down	REMOVE
2. Left Wing Fuel Vent Sump	DRAIN
3. Left Wing Fuel Vent	CHECK for obstruction.
4. Header Tank Sump	DRAIN
5. Firewall Fuel Filter	DRAIN
6. Firewall Fuel Filter By-Pass Indicator	CHECK
7. Residual Fuel Reservoir (EPA Tank)	DRAIN
8. Main Wheel Tire and Brake	CHECK for inflation, damage, and wear
9. Baggage Compartment Door	CHECK security of baggage and secure
10. Accessory Section	CHECK for debris, oil leaks, or any other irregularities.
11. Oil Cooler	CHECK for leaks and stoppage.
12. Air Filter	CHECK for cleanliness and condition.

Figure 4.2

Position 6 :	
1. Right Wing Main Sump	DRAIN
2. Right Wing Fuel Vent Sump	DRAIN
3. Wheel Chocks	REMOVE
4. Main Wheel Tire and Brake	CHECK for inflation, damage, and wear.
5. Forward Baggage Compartment	CHECK security of baggage and secure Door.
6. Wing Tie Down	REMOVE

S2R-510 SINGLE COCKPIT
FAA APPROVED: 6/02/22

Page 15
INITIAL RELEASE

Figure 4.3

5. INSTRUCTIONS TO CLOSE & SECURE DOOR

1. It is best practice to close the baggage compartment door using both hands to apply pressure at each latch simultaneously.



Figure 5.1

2. Reference Figures 5.2 & 5.3 for examples of baggage compartment doors that aren't properly closed, and the latches not properly secured.

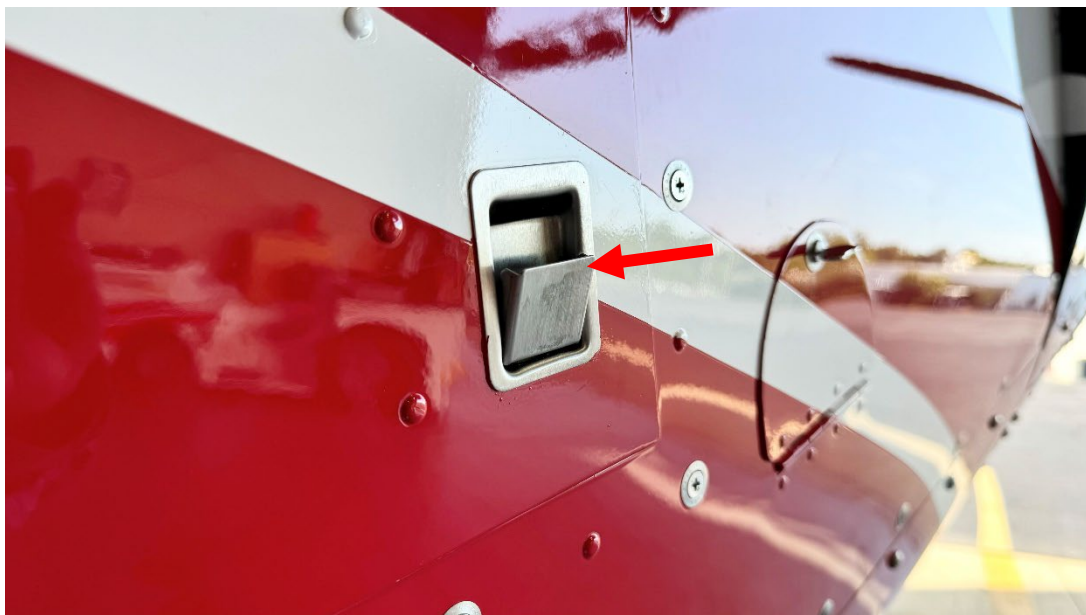


Figure 5.2 – Loose Latch- Not Seated- Door Almost Flush



Figure 5.3 – Latch Flush - Door Not Fully Closed

3. To ensure that the baggage compartment doors are properly closed, and the latches secured, carefully bump any unsecured latch with the side of the fist as needed. Examples of a seated and secured door below. (Reference Figures 5.4 & 5.5)

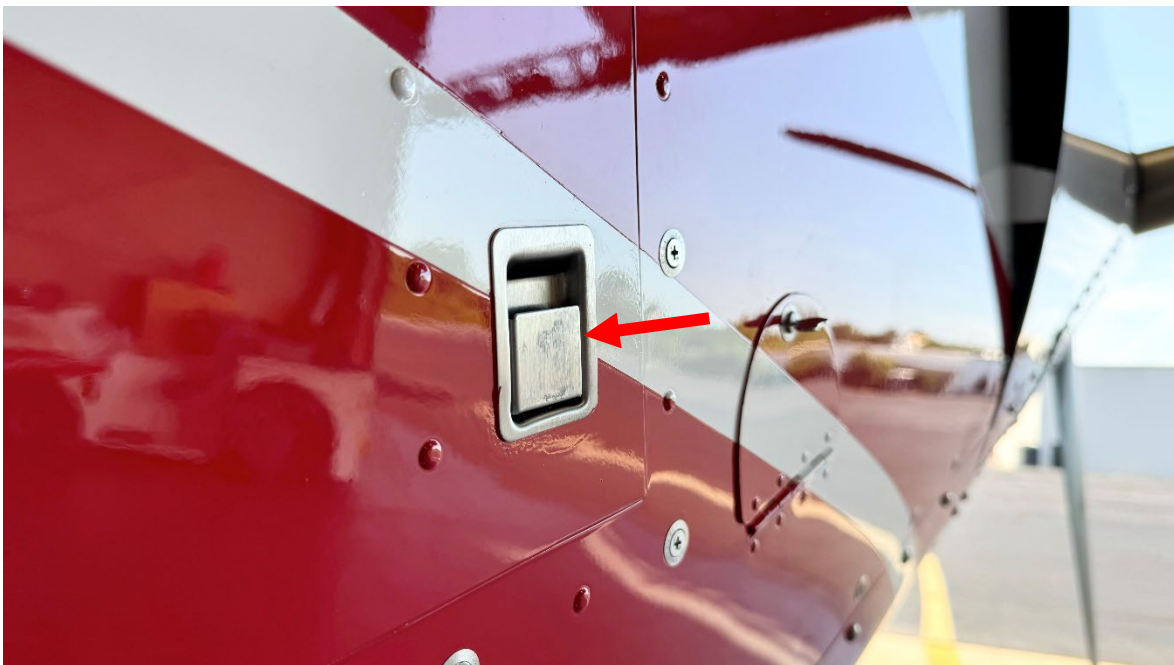


Figure 5.4 – Latch Seated Flush



Figure 5.5 – Latch Seated Flush - Door Fully Closed

4. If the baggage compartment door does not properly close and the latch will not properly secure, the latch may need to be modified per following instructions.

6. LATCH MODIFICATION INSTRUCTIONS

1. Remove the nut from the back of the latch bracket and inspect condition to potentially reinstall after modification. (Reference Figure 6.1)

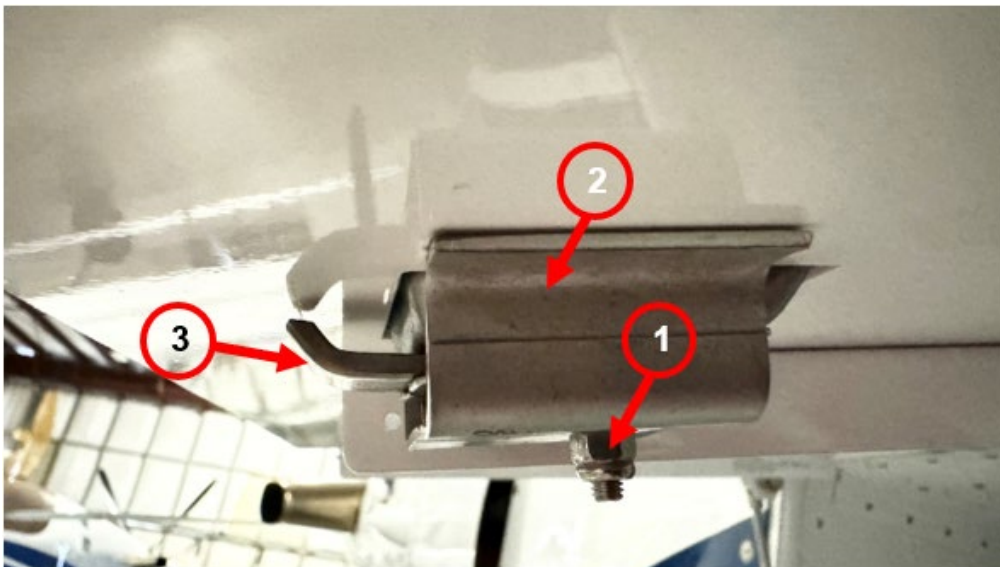


Figure 6.1

2. Remove the latch bracket and set aside.
3. Remove the latch tongue and shorten the length by no more than 1/16 of an inch without confirming function as over-trimming may result in latch replacement.
4. Be sure to smooth all edges.
5. Reinstall parts in original position and check to see if the baggage compartment door now properly closes and latches securely.
6. If not, repeat steps 1-5 until the baggage compartment door closes properly and the latches are secured.

7. COMPLIANCE

Service Letter SL-AG-135 Rev. IR Compliance Report

Aircraft S/N:	Aircraft Owner:
Aircraft Registration #:	Address of Owner:
Airframe Total Time:	City & State:
Engine Total Time:	Physical Location:
Complied With By:	Date of Compliance:
Signature:	Certificate #:

PLEASE RETURN THIS REPORT ONLY AFTER INSPECTION IS MADE

This response card may be mailed, faxed to (229) 317-8225, or emailed to:
support@thrushaircraft.com

Fold, Tape & Mail (Do Not Staple)

Return Address:

**Thrush Aircraft LLC.
Attn: Customer Support Team
300 Old Pretoria Road
Albany, Ga 31721**