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**INSTRUCTIONS FOR CONTINUED AIRWORTHINESS  
FOR  
EXTENDED BAGGAGE INSTALLATION  
IN  
TEXTRON AVIATION, INC. 208 SERIES AIRCRAFT**

**WIPAIRE PART NUMBER: 1008957**

**INCLUDING  
MAINTENANCE MANUAL  
AIRWORTHINESS LIMITATIONS  
ILLUSTRATED PARTS REFERENCE**

Current Revision: A

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**LOG OF REVISIONS**

<b>REV. NO.</b>	<b>PAGES</b>	<b>DESCRIPTION</b>	<b>DATE</b>
N/C	ALL	INITIAL RELEASE	4/2/2019
A	ALL	ELT ACCESS IS OPTIONAL, ADDED FACE FINISH PANEL DETAILS	3/24/2020

\*Airworthiness Limitations section only Approved by Manager, Chicago Aircraft Certification Office.

Current copies of this manual and related installation drawing(s) are available from Wipaire, Inc. 1700 Henry Ave. So. St. Paul MN. Installation drawing 1008423 must be employed with this ICAW. Service letters and additional information are maintained continuously at the website [www.wipaire.com](http://www.wipaire.com)

## SECTION 1 - MAINTENANCE MANUAL

### Description

This aircraft has been equipped with an extended baggage system per Wipaire, Inc. drawing number 1008423. This cargo system allows for additional baggage area aft of the main cabin at aircraft fuselage station 308 for C208 aircraft, and station 356 for C208B aircraft. This Wipaire, Inc. extended baggage installation is generally compatible with additional original equipment or aftermarket systems, which may be installed aft of the standard cabin.<sup>1</sup>

The Wipaire, Inc. Cessna 208/208B extended baggage system approves installation of four assembly configurations, -01 through -04.

See drawing 1008423, latest FAA approved revision for detailed information and full depictions of each approved extended baggage configuration.

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<sup>1</sup> Ensuring this compatibility is ultimately the responsibility of the STC installer, due to the wide range of components available that use that section on the aircraft. The installer *must* adhere to the installation configurations shown in the approved installation drawing(s).

## 1. Configuration -01

Extended baggage Configuration -01 consists of installation parts and hardware, along with a one piece cargo insert assembly. Assembly includes a floor access cover, a plastic face cover, and a partition net. Optional Emergency locator transmitter (ELT) access cover is included if applicable to the aircraft.

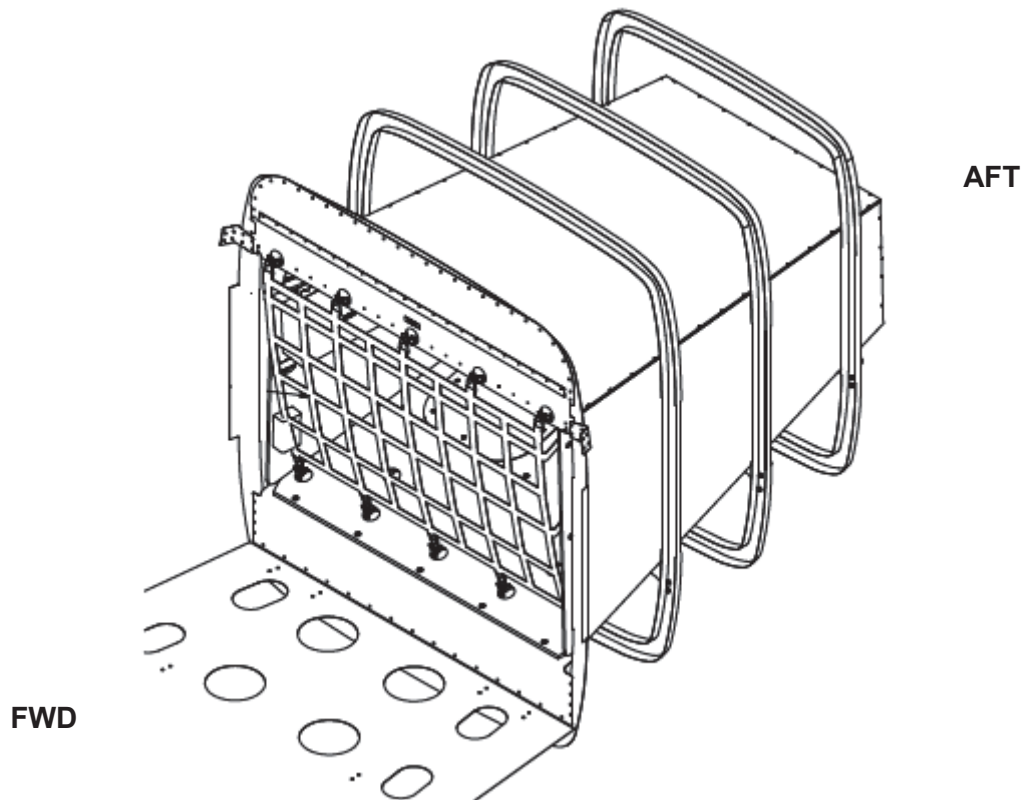


Figure 1 – Extended Baggage Configuration -01 (see drawing 1008423)

## 2. Configuration -02

Extended baggage Configuration -02 consists of installation parts and hardware, along with a one piece cargo insert assembly. This assembly accommodates a hydraulic pump assembly used with Wipline 8000 or 8750 amphibian floats. Assembly includes a floor access cover, a hydraulic fluid reservoir level check cover, a plastic face cover, and a partition net. Optional Emergency locator transmitter (ELT) access cover is included if applicable to the aircraft.

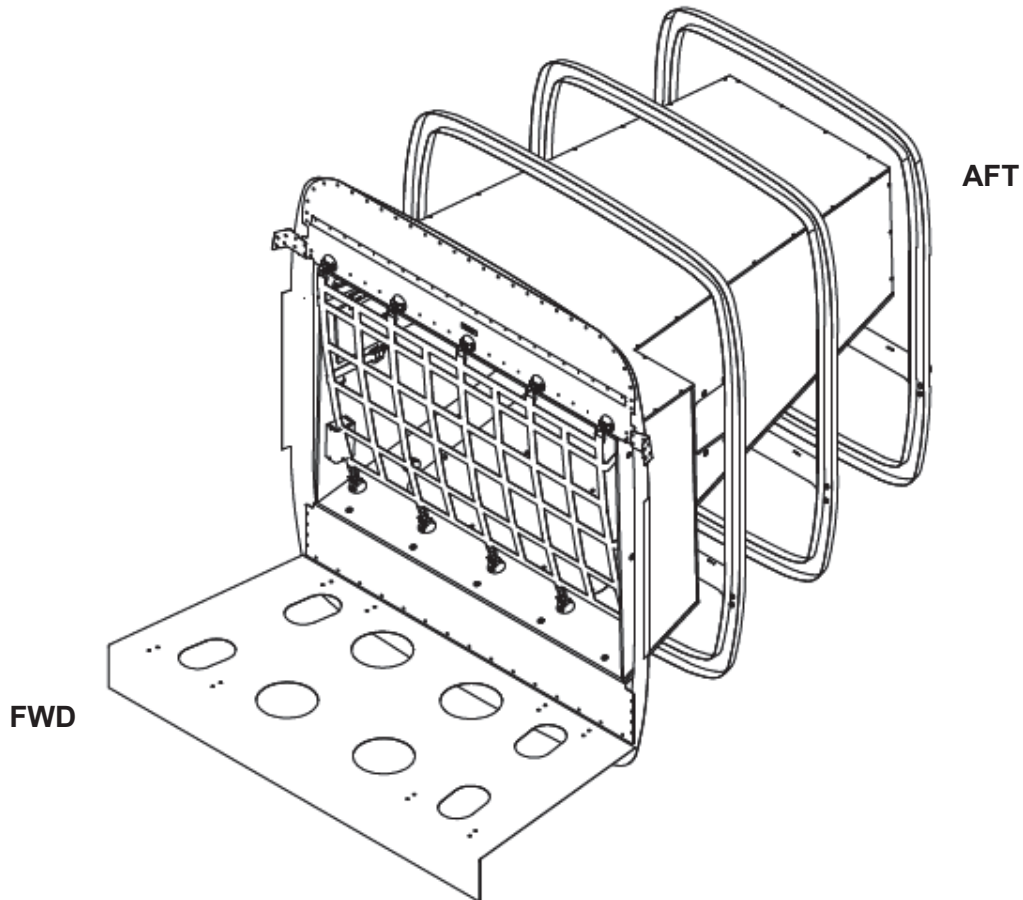


Figure 2 – Extended Baggage Configuration -02 (see drawing 1008423)

### 3. Configuration -03

Extended baggage Configuration -03 consists of installation parts and hardware, along with a one piece cargo insert assembly. Assembly includes a floor access cover, a plastic face cover, and cargo doors to close the assembly at the aft cabin bulkhead. Optional Emergency locator transmitter (ELT) access cover is included if applicable to the aircraft.

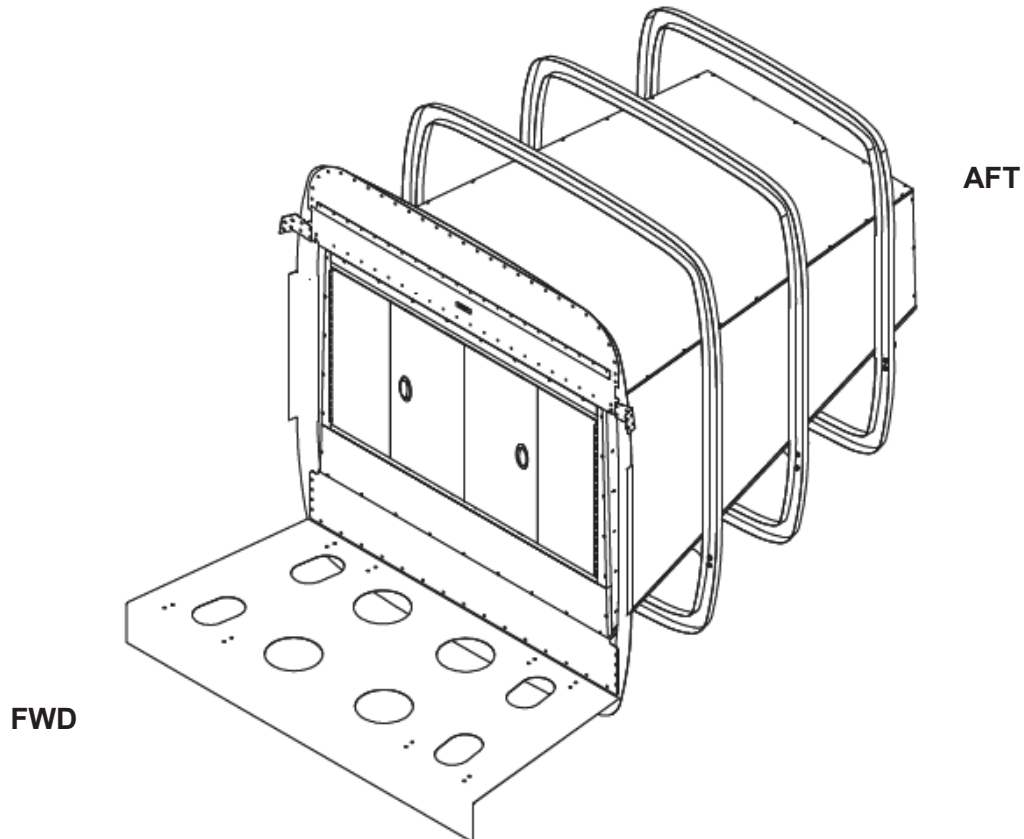


Figure 3 – Extended Baggage Configuration -03 (see drawing 1008423)

#### 4. Configuration -04

Extended baggage Configuration -04 consists of installation parts and hardware, along with a one piece cargo insert assembly. This assembly accommodates a hydraulic pump assembly used with Wipline 8000 or 8750 amphibian floats. Assembly includes a floor access cover, a hydraulic fluid reservoir level check cover, a plastic face cover, and cargo doors to close the assembly at the aft cabin bulkhead. Optional Emergency locator transmitter (ELT) access cover is included if applicable to the aircraft.

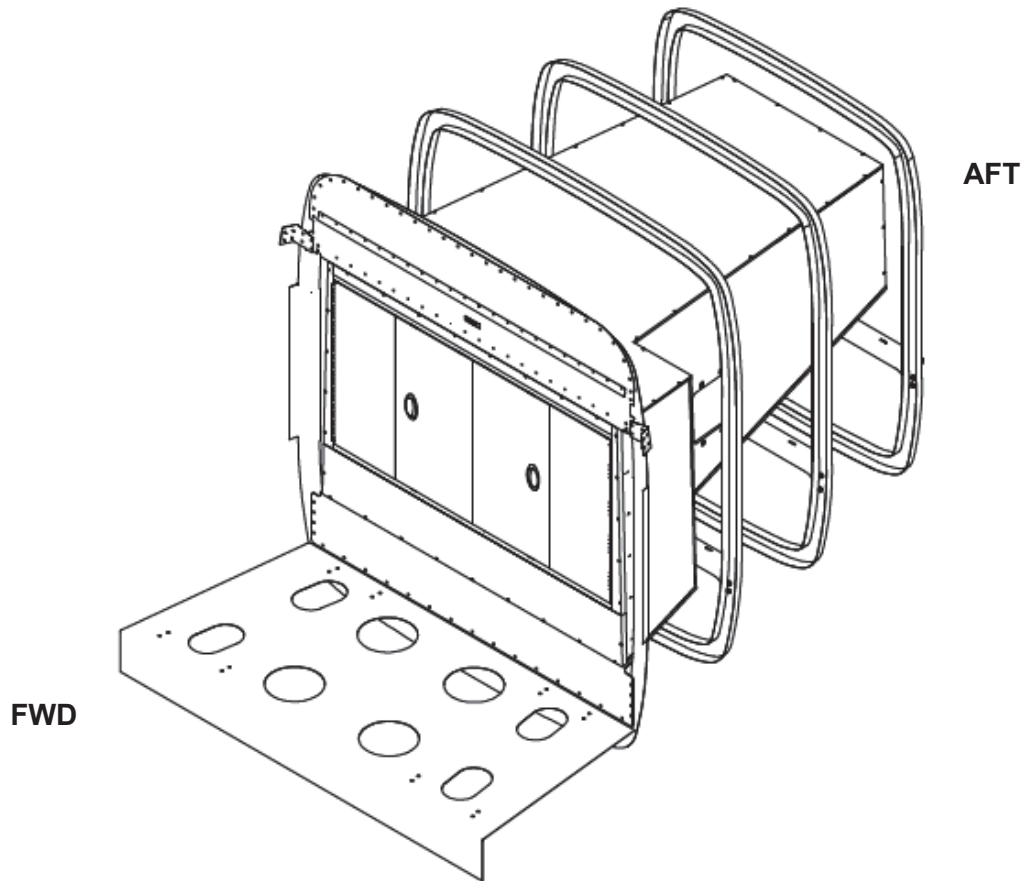


Figure 4 – Extended Baggage Configuration -04 (see drawing 1008423)



## Installation/Removal

For detailed location, installation and removal specifications for each installation configuration, see Wipaire, Inc. drawing number 1008423, latest approved revision, as supplied with your STC kit. Refer to drawing for installation parts and hardware that support extended baggage installation.

Generally, installation and removal instructions for each extended baggage configuration is as follows:

1. With all installation rails installed, move extended baggage into position such that the insert holes in the floor of the assembly match the nutplate holes in the installation rails.
2. Fasten the baggage assembly with MS24694S52 and MS24694S54 screws to upper and lower installation structure.
3. Position plastic finish face on the aft cabin bulkhead and the extended baggage face by lining up the Velcro and secure with AN526 screws.

When removing assembly, simply remove the screws and remove the assembly.

Proper storage and packaging of removed parts and assemblies is critical to ensure damage does not occur during storage or shipping. Honeycomb assemblies such as the extended baggage assembly should be wrapped in a protective plastic coating, and then placed in boxes or crates with protective foam or other packaging to help prevent impact damage. Honeycomb assemblies should be stored in a dry environment

## Weight and Balance

When the extended baggage assembly is installed or removed, the aircraft empty weight and balance must be updated to reflect the configuration change.

Once installation parts and hardware are installed in the aircraft, they are not considered part of the removable assembly. Removable assembly consists of the finish face panel, the extended baggage assembly, and the cargo net if the assembly includes one.

Drawing 1008423 includes empty weight and balance adjustment calculation for a complete extended baggage installation. Refer to the actual weight and balance update provided with your particular extended baggage assembly, reflecting the actual change to the empty aircraft weight and balance. Component weights as listed on drawing 1008423 are approximate, and must be exactly weighed during installation due to variations in product manufacturing and finishing. Arm locations in this drawing are accurate relative to the approved center of gravity position for each component.

## Maintenance Instructions

Maintenance for the extended baggage system approved under this STC is to be performed “on condition.”

There are no specific timed interval maintenance tasks for specific components that must be accomplished related to the extended baggage system installation.

Inspection of the extended baggage system components, their security, attachment, and overall condition should be assessed as part of a standard hundred hour interior inspection of the aircraft.

Inspection of the extended baggage assembly and included components can be done as a visual inspection. Refer to FAA Advisory Circular AC 43.13-1B for acceptable inspection criteria and repair methods.

<b>Assembly Material</b>	<b>Parts Description</b>	<b>AC 43.13-1B Chapter</b>
Honeycomb Panel	The body of the extended baggage assembly (fiberglass skins and honeycomb panels)	Chapter 3
Sheet Metal	Sheet metal extended baggage installation parts and assembly covers	Chapter 4
Corrosion	Corrosion related to metal parts and hardware	Chapter 6
Hardware	Bolts, screws, and rivets in the assembly	Chapter 7

For Ancra Cargo Net assembly, refer to the general information section of Ancra Cargo Catalog 220B for acceptable inspection and repair/replacement criteria.

If structural damage is found for which a repair in AC 43.13-1B or Ancra Catalog 220B does not apply, contact Wipaire for verification, approved repair, or replacement information.

**SECTION 2 - AIRWORTHINESS LIMITATIONS**

This Airworthiness Limitations section is FAA approved and specifies maintenance required under paragraphs 43.16 and 91.403(c) of the Federal Aviation Regulations unless an alternative program has been FAA approved.

The aircraft Airworthiness Limitations are unchanged as a result of installation of the extended baggage system addressed by this STC.

**SECTION 3 - ILLUSTRATED PARTS REFERENCE**

For a detailed parts breakdown, addressing each component installed for each extended baggage configuration, see Wipaire, Inc. drawing number 1008423, the latest approved revision. This installation drawing includes a detailed Bill of materials for each configuration. A current copy of this drawing was supplied with your extended baggage installation paperwork package. Additional copies of this drawing can be obtained by contacting Wipaire, Inc.