

A person wearing a dark vest and light-colored pants is walking away from the camera down the center aisle of an airplane cabin. The cabin seats are visible on both sides, and the overhead luggage bins are closed. The image is dimmed and has a blueish tint.

CRJ700/CRJ900 WITH GAL AEROSPACE MODIFIED BINS

INTRODUCING: NEW GAL CLASSIC MODIFIED OVERHEAD BINS



The current CRJ 700/900 Classic overhead bins cannot accommodate a standard carry-on bag. Instead, this baggage is gate checked and placed in the baggage bay. Passengers must wait in the jetway after the flight to retrieve their bag. The crew can't head to their next assignment until all passengers are clear.

Airlines are struggling with:

- Increased embarking/disembarking times
- Unhappy customers who just want to grab their bags and go
- More labor to move bags to and from the aircraft

Passengers WANT to carry their bags onto the plane. This provides a rare opportunity where you can have customers **do more work and be happy about it.**

We help you make that happen.

The average American weighs more today than a few decades ago. The FAA is increasing the assumed standard passenger weight from a seasonal range of 170-175lbs to 190-195lbs.

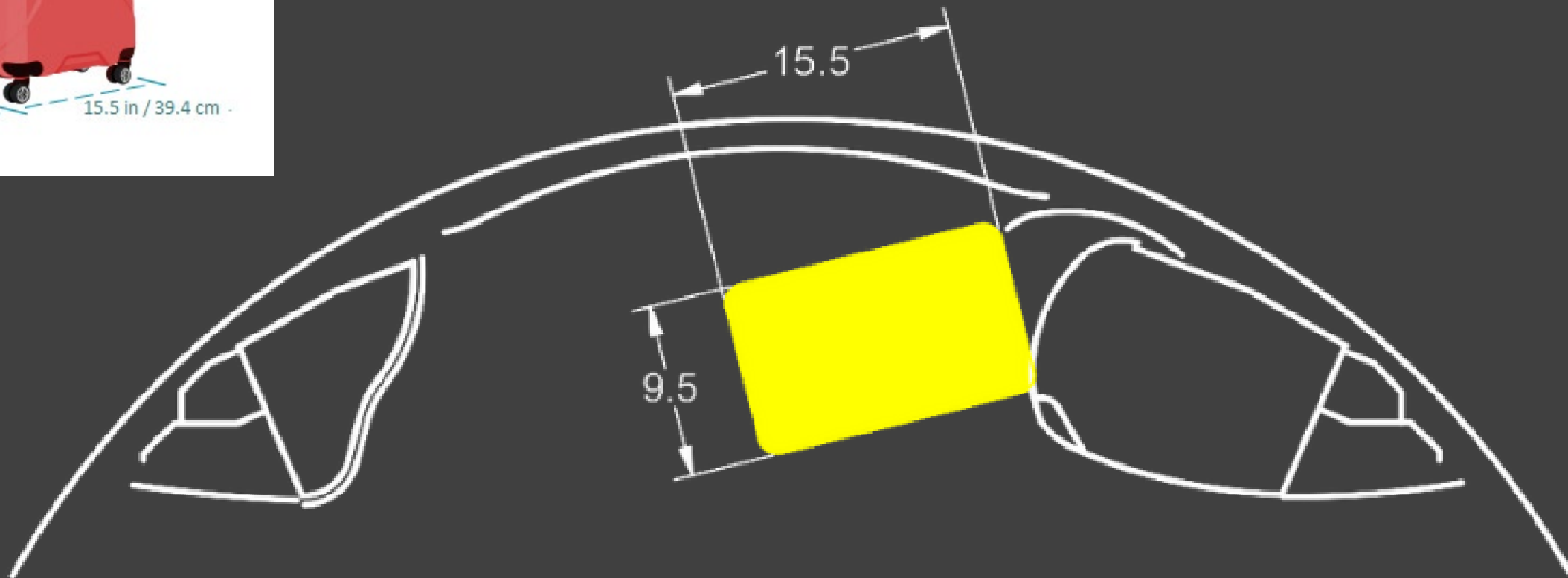
- Each passenger + carry on is assumed to be an average of 195lbs total.
- If a 180lb man walks on with a 35lb carry-on bag, this is counted as 195lbs.
- If he can't fit his bag in the bins on the plane, he is **still** calculated at 195lbs.
- His carry-on goes to the baggage bay and is calculated as 35lbs of cargo.
- Now the man has a total weight impact on the plane calculated at 215lbs.

Imagine all 70 passengers are calculated this way. The aircraft is now assumed to be carrying an additional 1,400lbs. The craft may not be able to take on enough fuel. It might even have to remove passengers from the plane, reducing revenue and creating dissatisfaction.

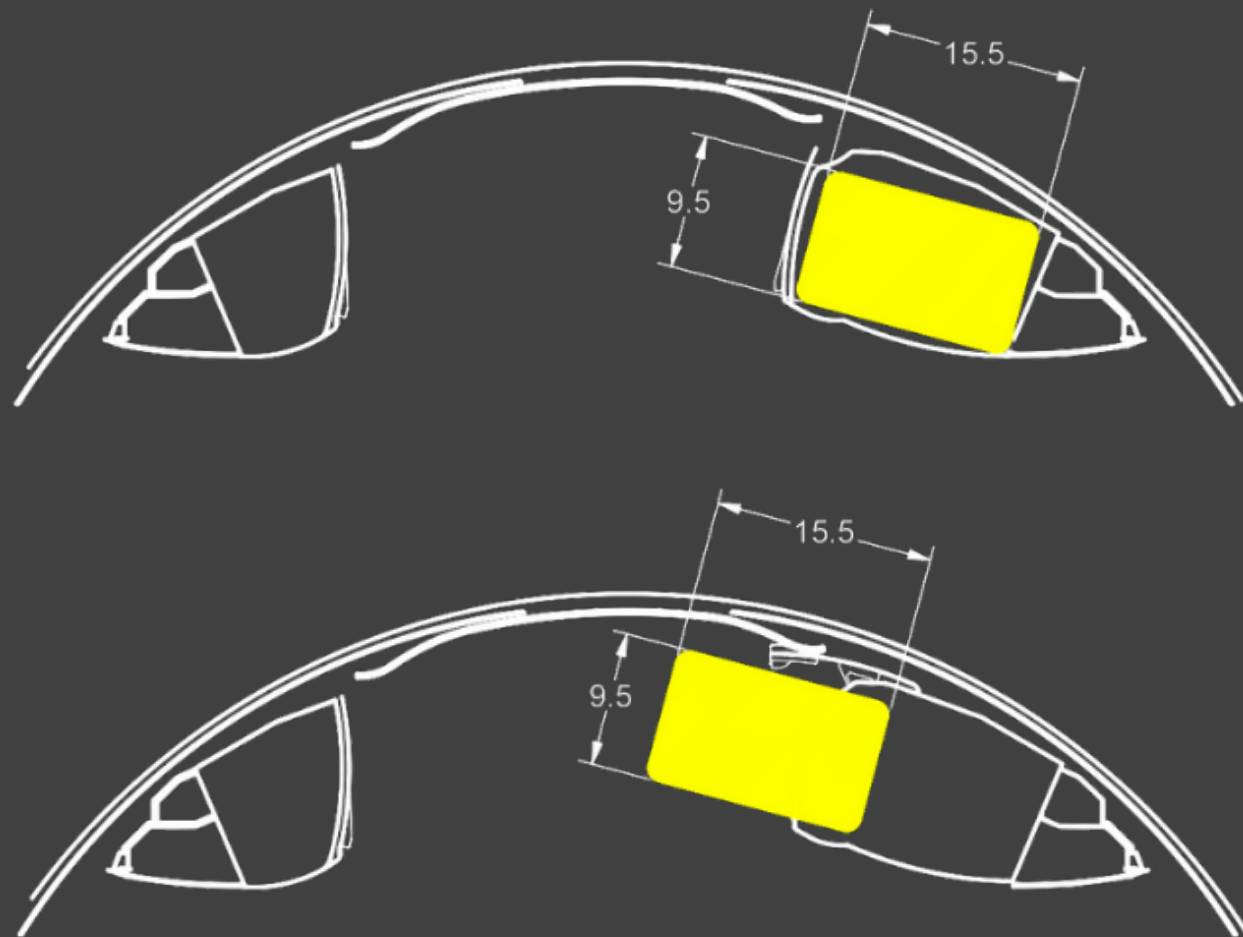
What can be done to improve carry on capabilities? Bin modification.

CLASSIC BINS

Classic CRJ700 & 900 bins cannot hold a standard carry-on bag



Create MORE space with our GAL Aerospace Bin Modification



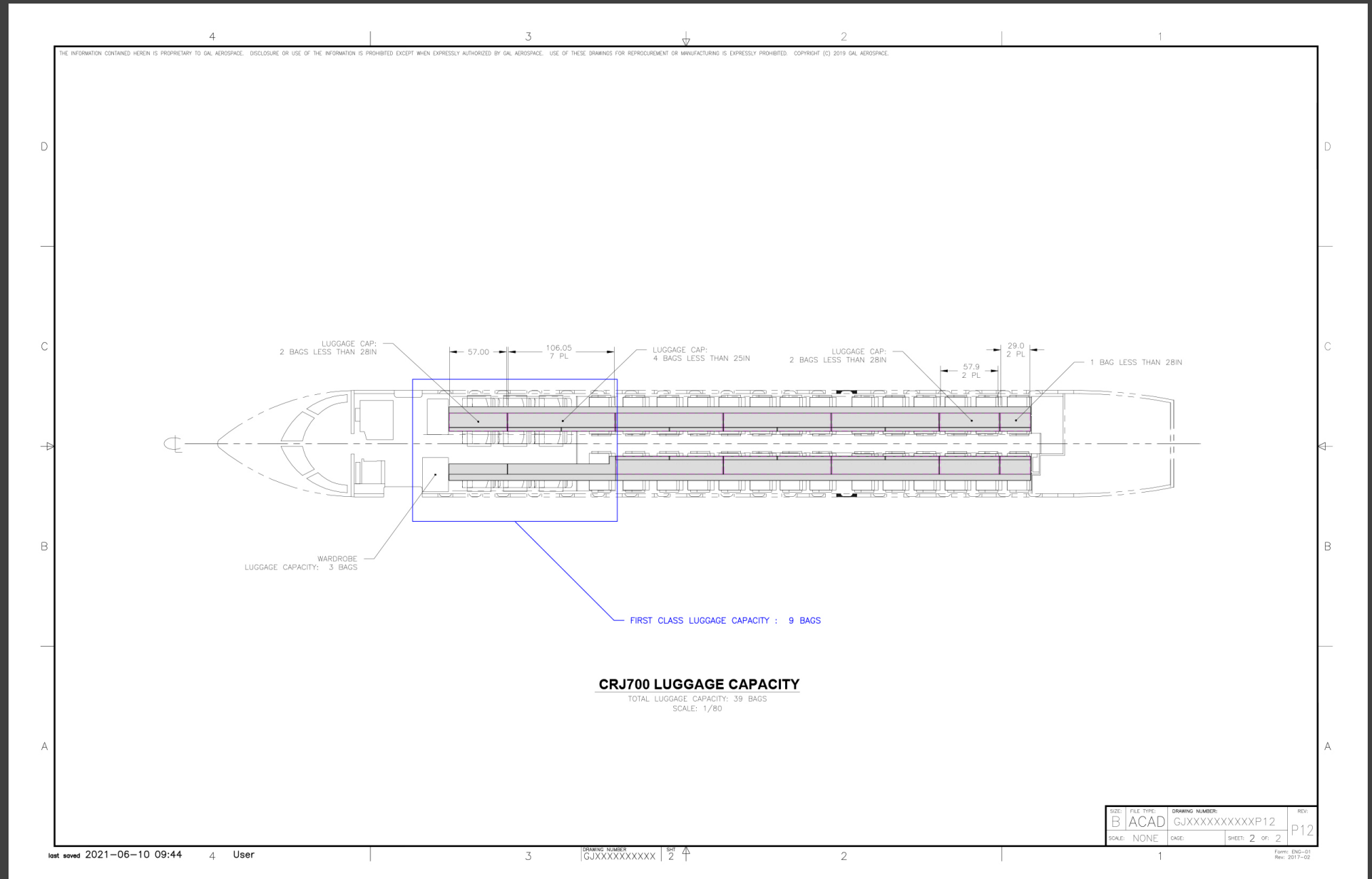
By modifying the bins to provide more storage space, we can keep 34-40 bags in the aircraft cabin. This can save as much as 900lbs for the CRJ700 or 1400lbs for the CRJ900.

Additional Benefits:

- Improve customer satisfaction by not separating passengers from luggage.
- Reduce loading and unloading time along with labor costs.
- Keep crews on-time for their next flight assignments.
- Earn bonuses for on time departures (for regional airlines).

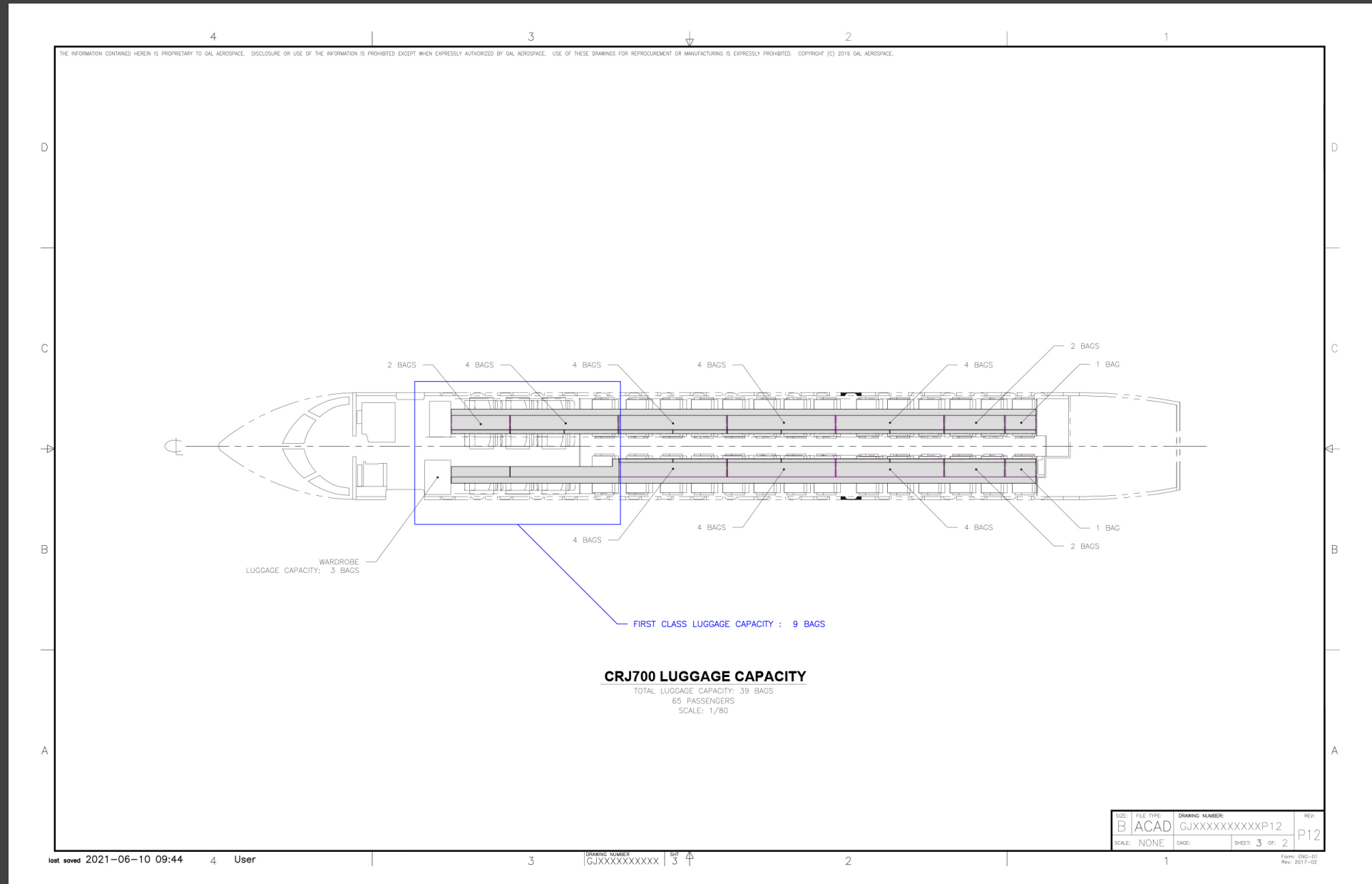
FLOOR PLAN

Floor plan with bag layout 700 & weight savings



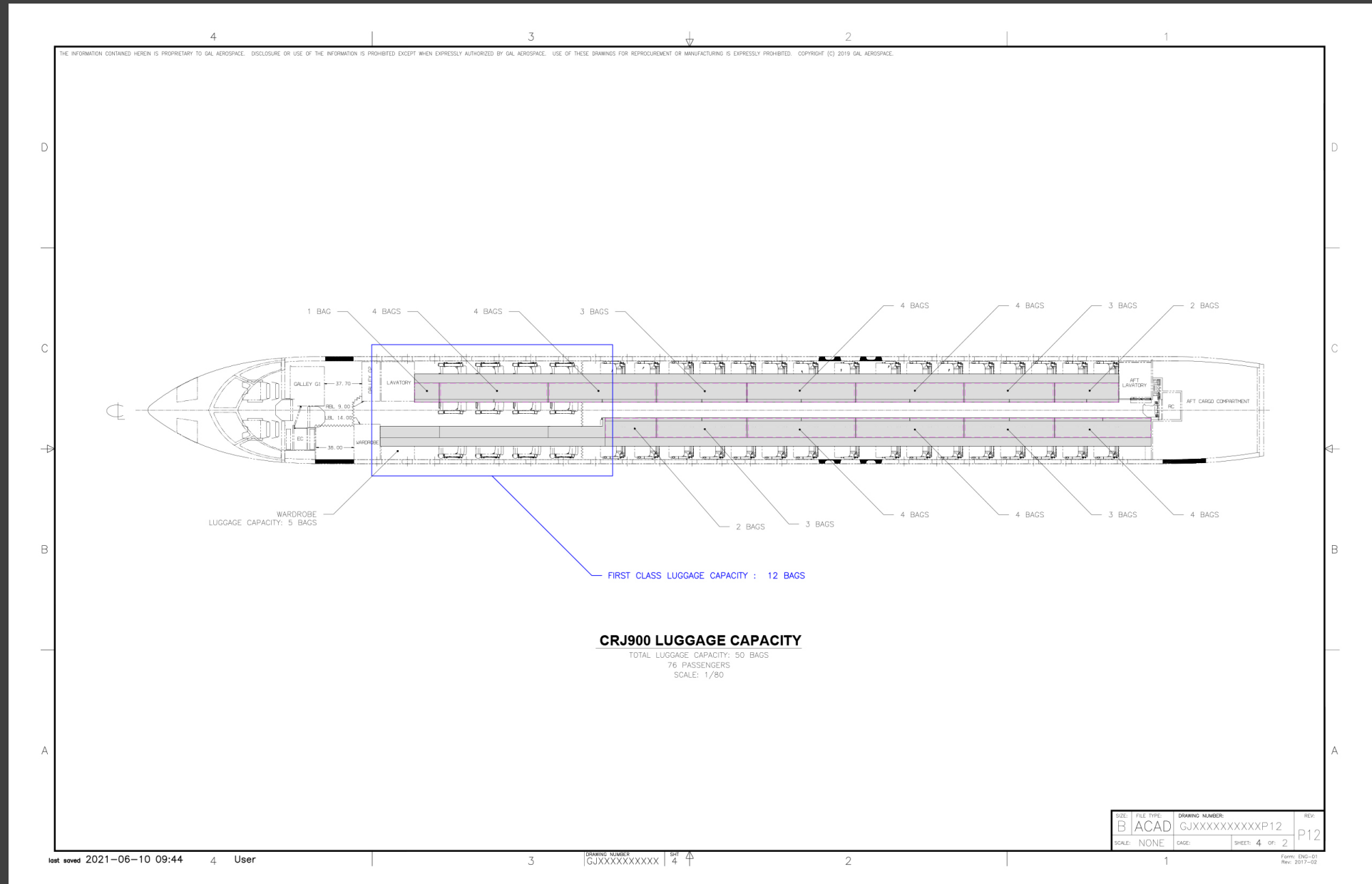
FLOOR PLAN

Floor plan with bag layout 700 & weight savings



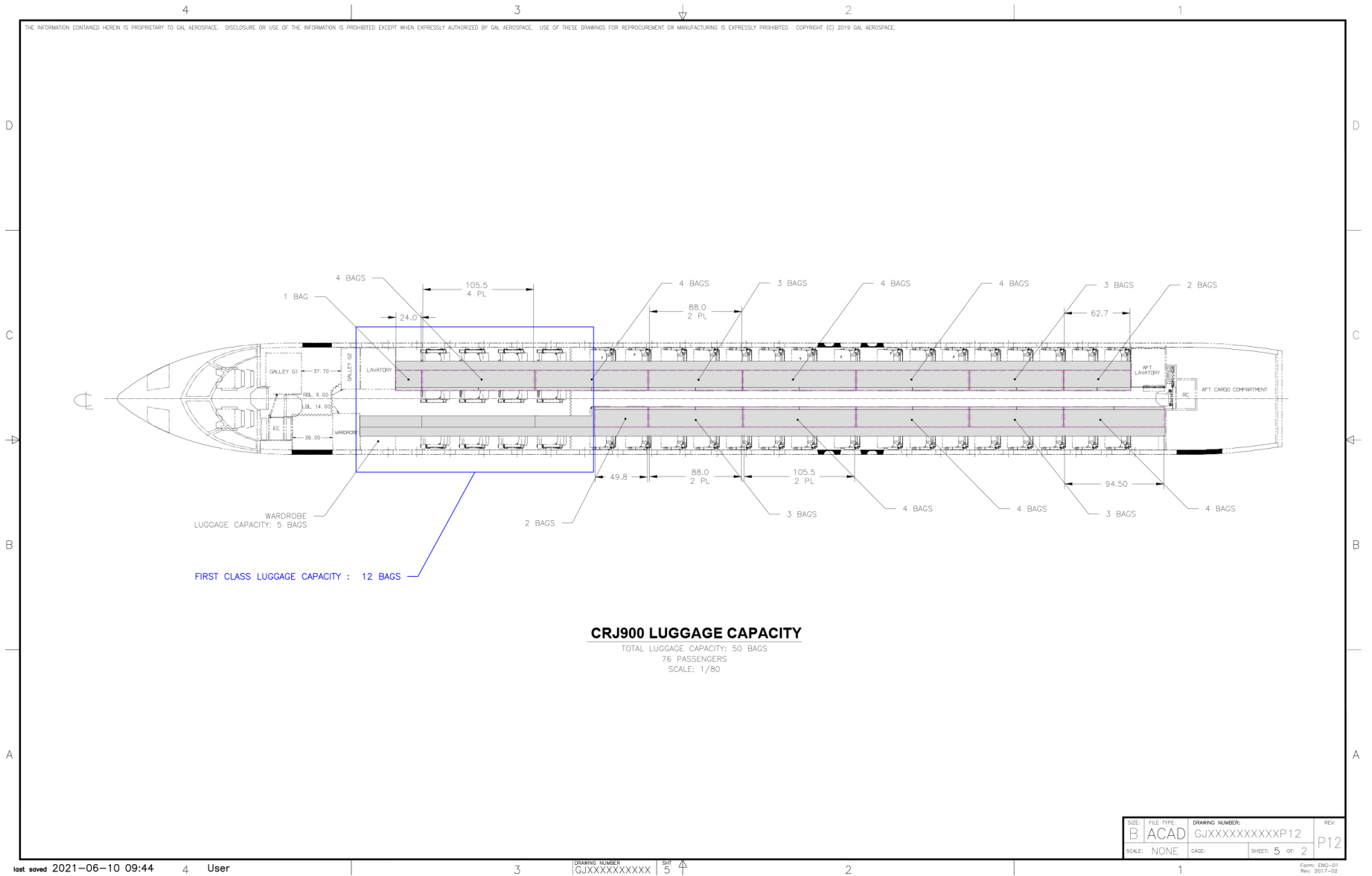
FLOOR PLAN

Floor plan with bag layout 900 & weight savings



FLOOR PLAN

Floor plan with bag layout 900 & weight savings



- This modification utilizes the existing CRJ900.
- The existing lower metal bullnose is removed.
- The new lower extension panel is installed.
- The door, hinges, hinge closeouts, striker, and latch are all replaced with new components.
- New BFE Tedlar is applied to the exterior of the panels.
- The interior is painted.

- Our new latch design solves current NextGen latch reliability problems.
- The new latch and striker design have built-in adjustability for reliable operation.
- Our latch tested to over 100,000 cycles.
- The hinges are machined aluminum.
- A rub strip is added to the outboard wall to prevent damage from carry-on bag wheels.

TWO MINI BIN DOOR OPTIONS



Open Latch

Slide Door

NEW MINI BIN DESIGN



NEW MINI BIN DESIGN



NEW MINI BIN TRANSITION



NEW MINI BIN DESIGN



RENDERINGS





RENDERINGS







Improve passenger experience and bin functionality

- Increase internal bin capacity without encroaching into aisle space.
- Allow passengers to carry on larger luggage rather than checking bags.
- Make it easier to maneuver bags in and out of overhead bins.
- Provide a more streamlined, modern, appearance for cabin interior.
- Limit the risk of breakage and malfunction for high-touch components.

Fast | Affordable | High-Performance | Full Support

- Access a high-quality alternative to costly OEM redesign/refurbishment offerings.
- Update fleet quickly & effectively, focusing on modifications that directly improve value and performance.
- Rapidly complete validation, testing, and certification processes to accelerate project completion.
- Increase durability for frequently abused components, reducing the need for repairs and maintenance.
- Have turnkey support with full installation teams or instructions + technical advisory to self-install kits.

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for more information.