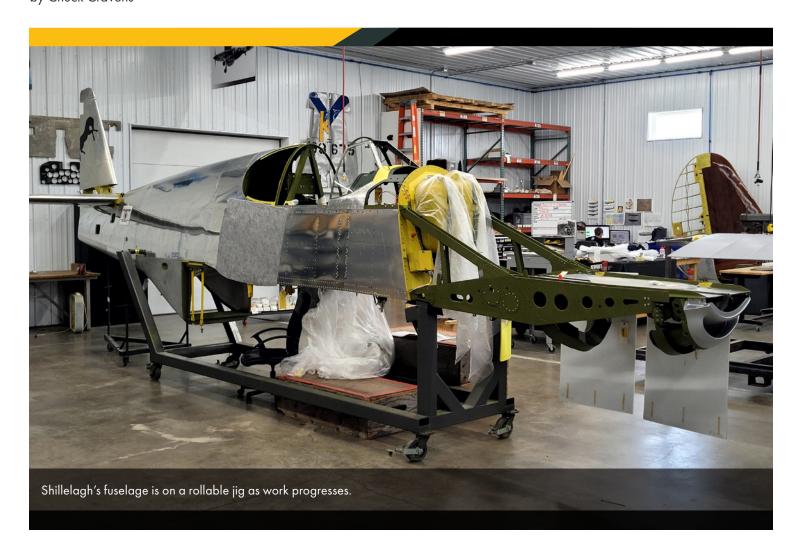


# P-51B SHILLELAGH SUMMER UPDATE



Dakota Territory Air Museum's P-51 B Mustang by Chuck Cravens



Work on the fuselage systems was a focus this month. Cooling and induction, cockpit, and firewall forward systems all received attention as the restoration progressed. The wing construction also proceeded. Finally, a research mystery was solved when the family of Fred Osborne, Shillelagh's crew chief, was located.



www.dakotaterritoryairmuseum.com



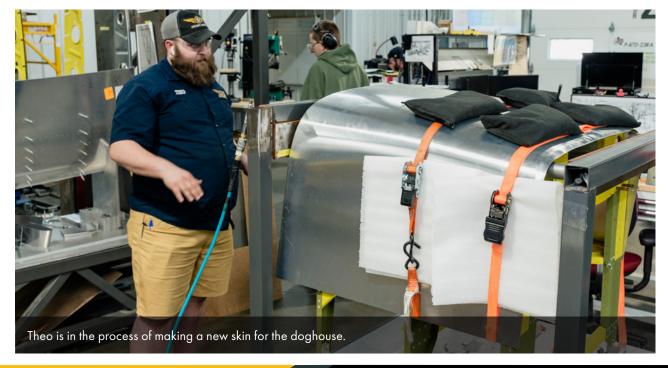
#### **Fuselage**

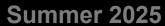
Most of the recent fuselage work isn't visible externally because Aaron and the rest of the guys spent their time on systems, cockpit electrical, and hydraulic installations.

#### **Cooling and Induction Systems**

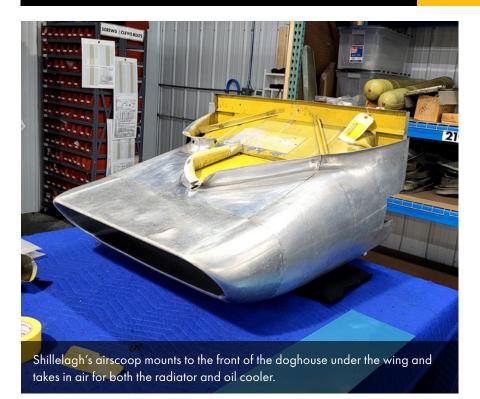


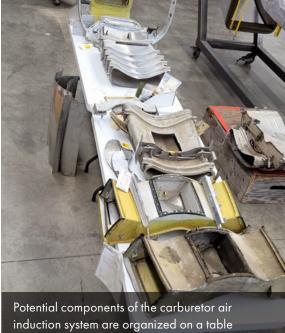
Despite being new old stock, the doghouse still had to be disassembled, inspected, and painted. Here it is shown in the fixture as it is reassembled.











for inspection as the time for their fitting and

installation nears.





# **Cockpit Systems**



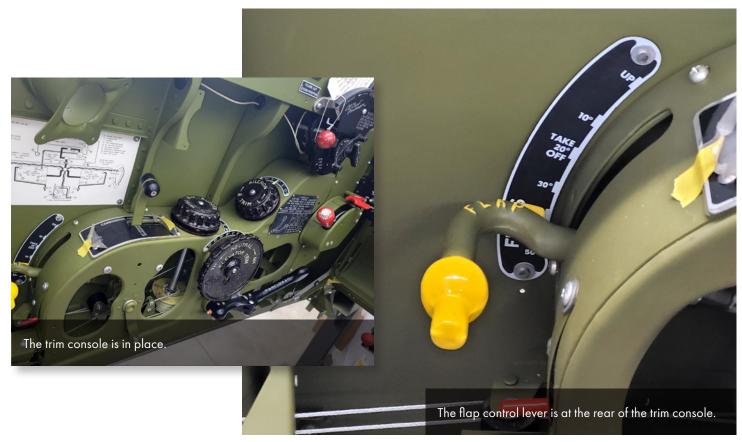








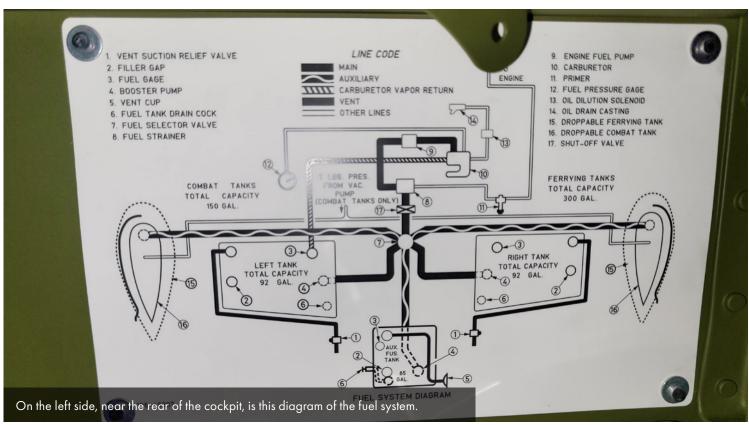








right of the instrument panel.

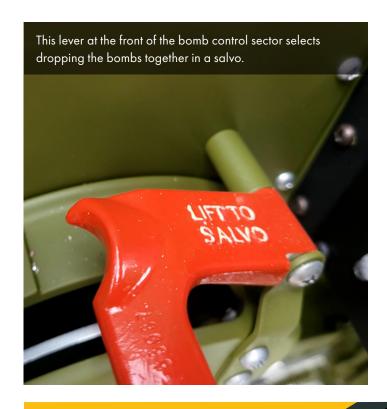


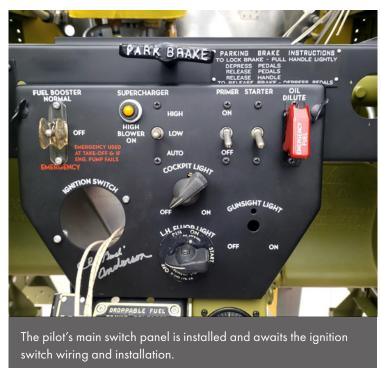






Cabin heat is a system that keeps the pilot functional at altitude, and is controlled by a handle mounted on the floor. Gun heat is provided electrically, while cabin heat uses warm air ducted from the radiator.















### **Firewall Forward**



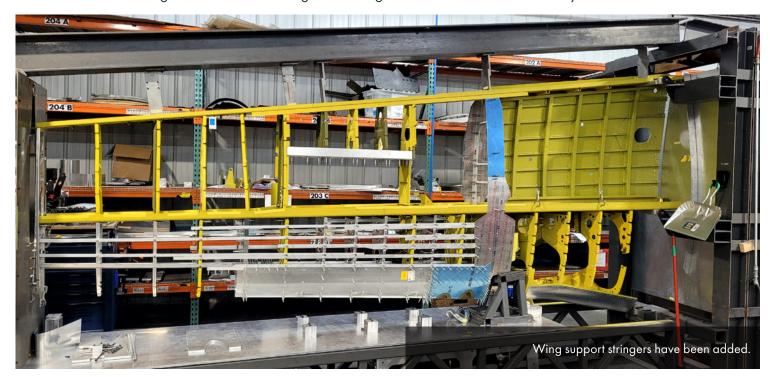






# Wings

Construction of the wings is progressing nicely. The ribs, stringers, and spars have all been painted as necessary and assembled into the wing framework. The fitting of the wing skins to the frame is underway.

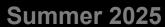




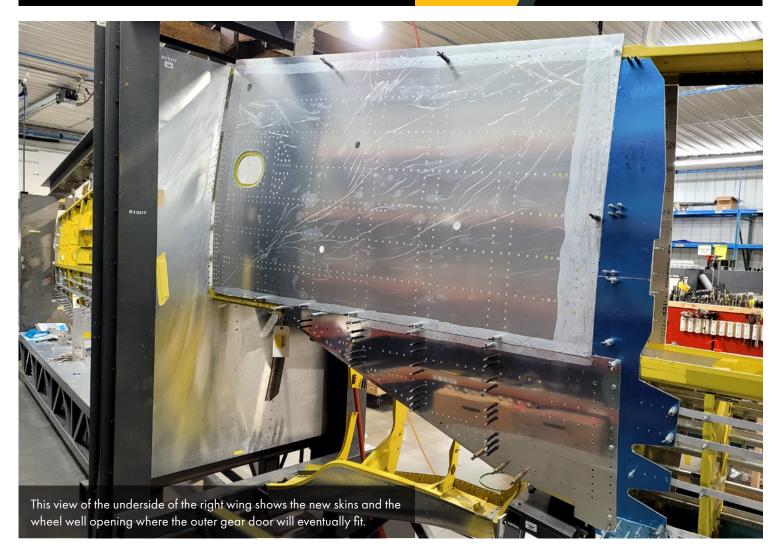




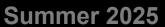




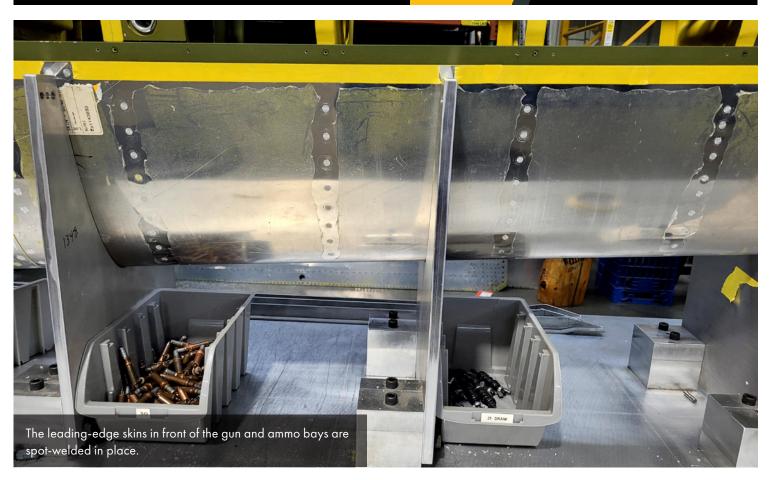




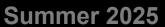




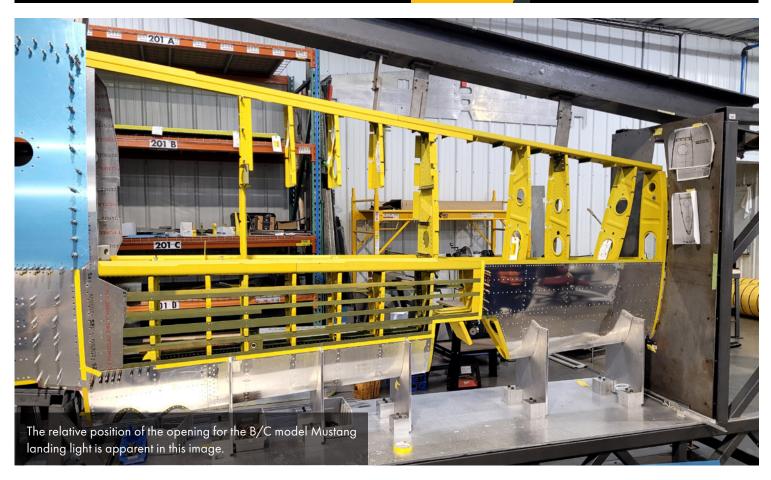


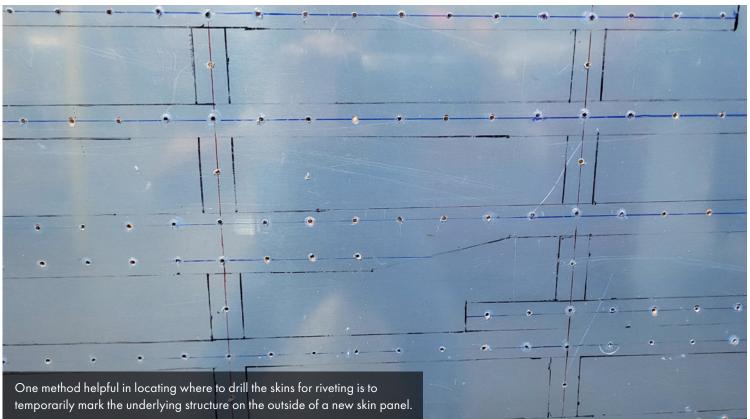






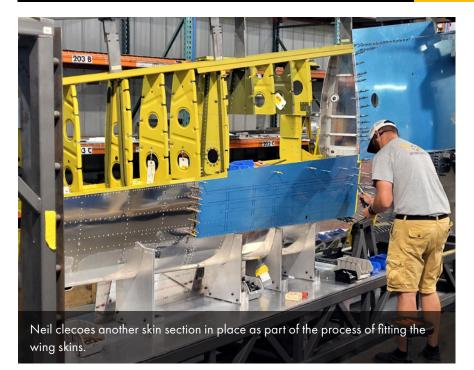


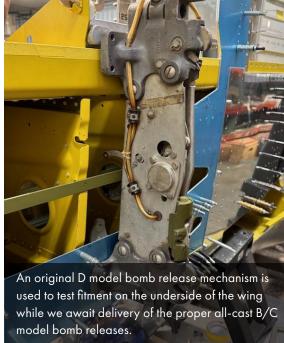


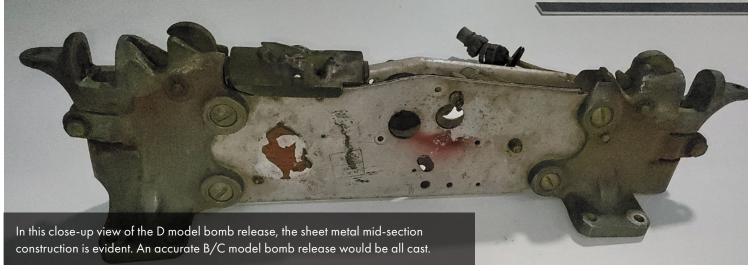














A historically accurate all-cast B/C model bomb release on Lope's Hope 3rd. Photo by Scott Slocum from Lope's Hope 3rd judging book.





# What are a cow and a locomotive doing on the side of Shillelagh?

In photos of the original Shillelagh III, there are two rather strange markings in the area where victory markings are customarily painted on a P-51 - a cow and a locomotive. The reason for the cow and locomotive remained a mystery until the author was able to locate the family of Shillelagh's crew chief: Fred Osborne. Fred's daughter, Kathy (Osborne) Brookside, and her husband Steve were kind enough to explain the meaning during a phone interview.



<sup>&</sup>lt;sup>1</sup> Cow story as related by Fred Osborne, Shillelaugh/Shillelagh crew chief to Steve Brookside, (Fred Osborne's son-in-law) as retold to author in a phone conversation on 4/18/2025



Steve recalled his father-in-law telling the story about the odd markings. It seems a relatively new pilot in the 353rd Fighter Squadron had a habit of letting the squadron get ahead after takeoff and then aborting, claiming something was wrong with the airplane he was flying (not necessarily 42-106602). (The pilot in question was not David O'Hara or Ken Dahlberg).

However, after the pilot returned to base, the squadron mechanics would find nothing wrong with whichever Mustang the new pilot had claimed had mechanical trouble before aborting.

Naturally, this tendency to abort missions came to the attention of the Commanding Officer of the 353rd Fighter Squadron, Major Jack T. Bradley. So Bradley first sent Bruce Carr, a recent transfer pilot, but a veteran of many combat missions in other squadrons, up in 42-106602 to verify that the airplane was fine. Carr had been transferred to the 353rd on May 27, 1944, having made his immediate superiors unhappy at the 363rd or 380th FS. After flying 42-106602, Carr confirmed that Shillelagh III was in top shape.

Then Bradley assigned the pilot with the mission abort history to an upcoming mission in 42-106602 and told him, "Don't return without exposed film in the gun camera."

The new pilot did as Bradley commanded and returned to base with exposed gun camera film. The film showed a locomotive getting shot up and a cow being killed. It is unlikely that the cow was shot purposely; it was probably just in the line of fire at the end of the locomotive or some other pass. Allegedly, Shillelaugh had half a head of cabbage stuck in the air scoop when it returned to base.



Squadron records indicate that Bradley's strategy to eliminate unnecessary mission aborts worked, and the offending pilot went on to participate fully in subsequent missions without early returns.

Fred Osborne painted the cow and locomotive on Shillelagh III to commemorate the event. Most likely, they also enjoyed needling the poor guy who hit the cow and had it recorded for posterity on the gun camera film.

