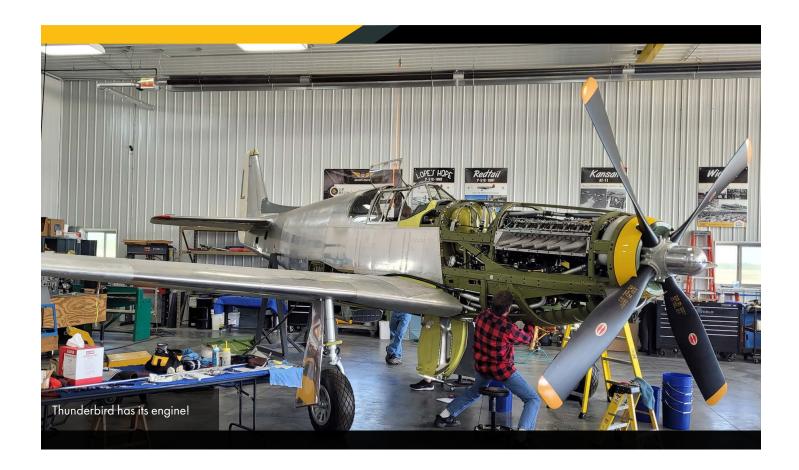


P-51C THUNDERBIRD PART 6

Dakota Territory Air Museum's P-51 C Thunderbird by Chuck Cravens









This month the dash to completion was the theme for Warren Pietsch and the AirCorps Aviation restoration crew. The overhauled Merlin came in not too long after the airframe was moved to the AirCorps hangar at Bemidji Regional Airport. Before the move, work on the airframe, scoop, radiator, various fillets, cowling panels, and cockpit had to be completed.



Airframe Work

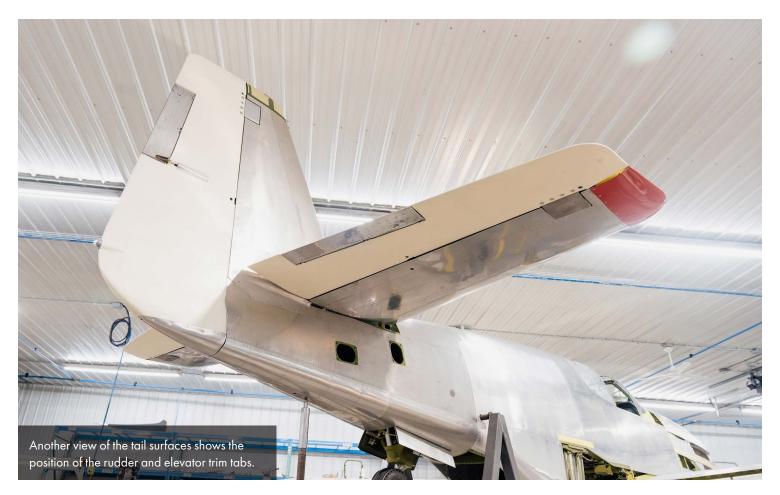
Many details were taken care of as the yet-to-do checklist was shortened before the move to the airport.

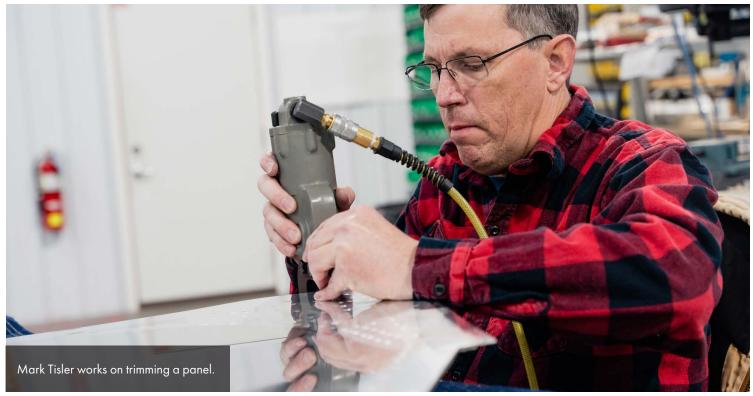










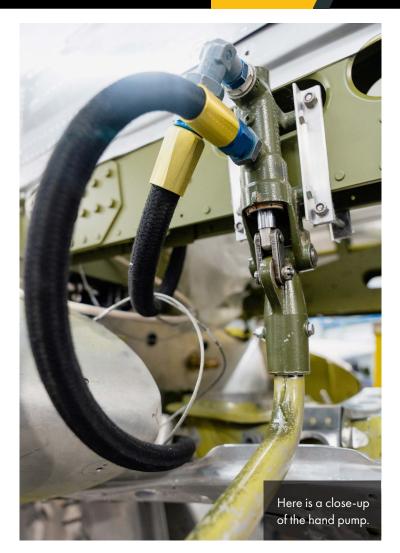


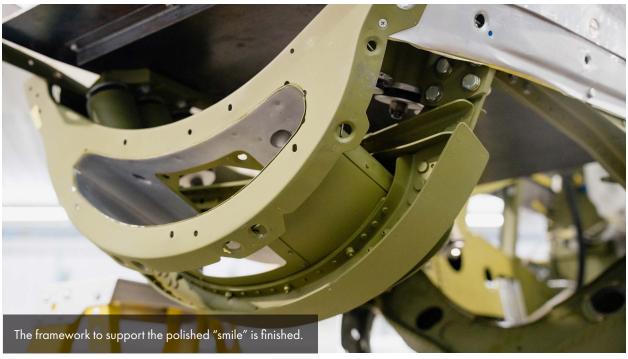




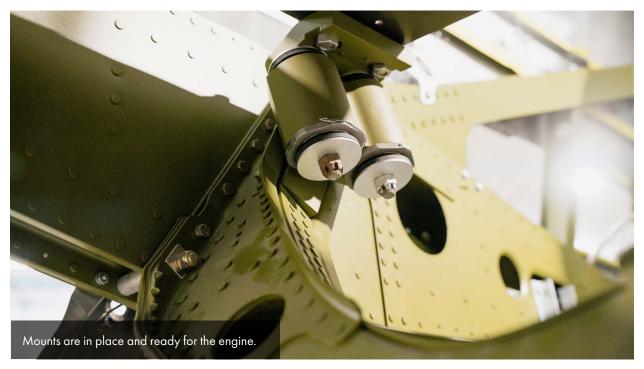












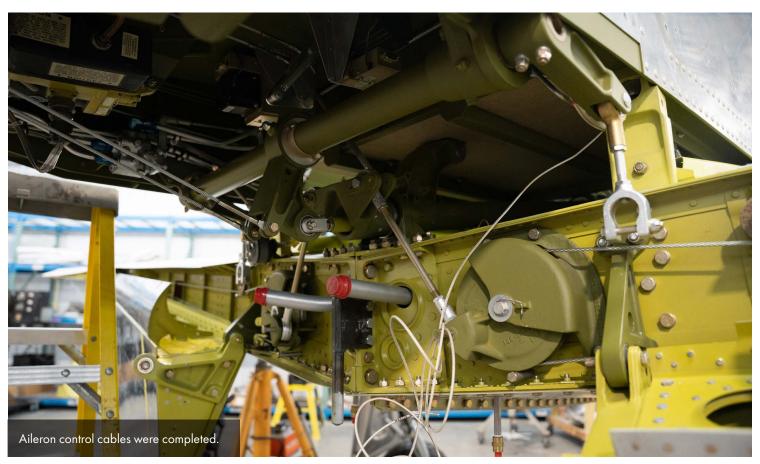


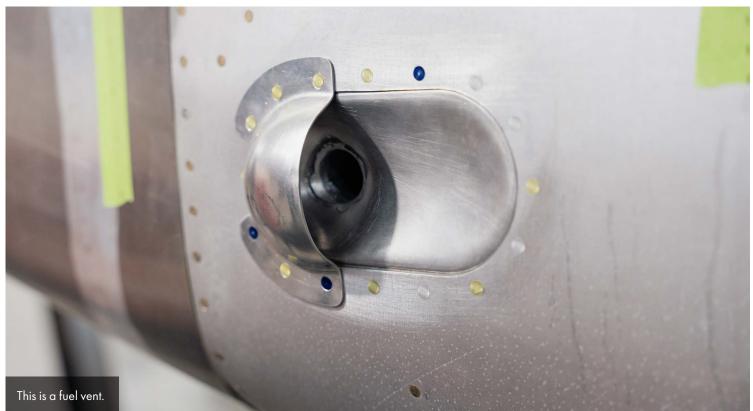














Scoop and Radiator

The radiator and the scoop that houses it are critical components for reliability in Mustangs.











Fillets

The wing and tail fillets on a Mustang are true metal forming artistry and require intricate forming of complex curves in the aluminum skin. Randy Carlson came over from his shop, Carlson Metal Shaping in Fargo, to take care of this specialized work.





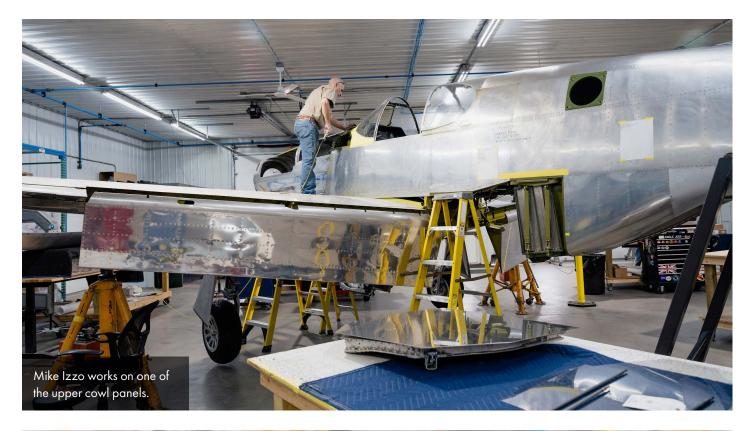


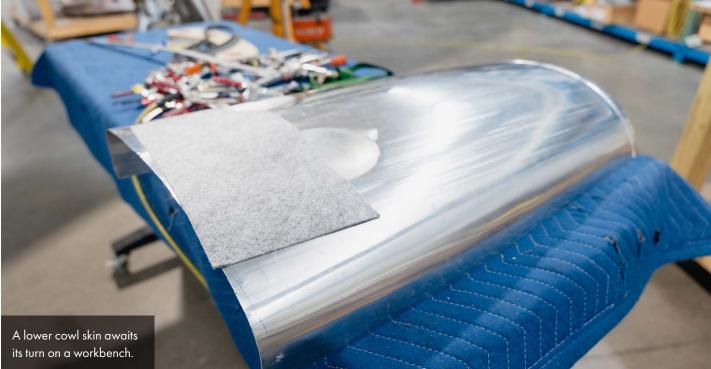




Cowling Panels

Another area that requires skilled metal-forming artistry is the fitting of the cowl panels.







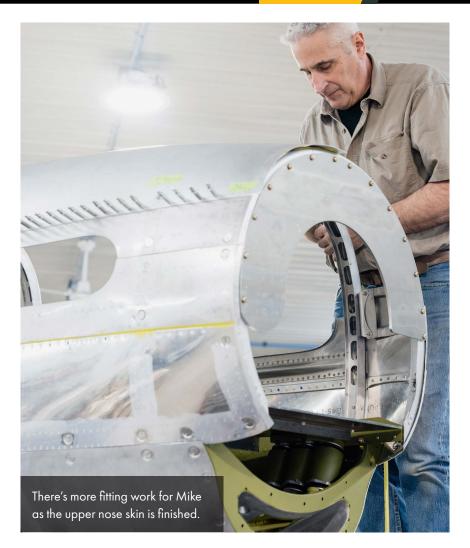
















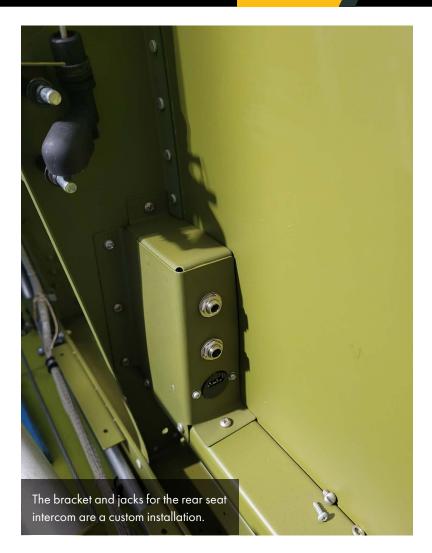
Cockpit

A great deal of wiring, hydraulic work, and detailed installation of instruments and controls has to be completed to ready the Thunderbird for flight testing.









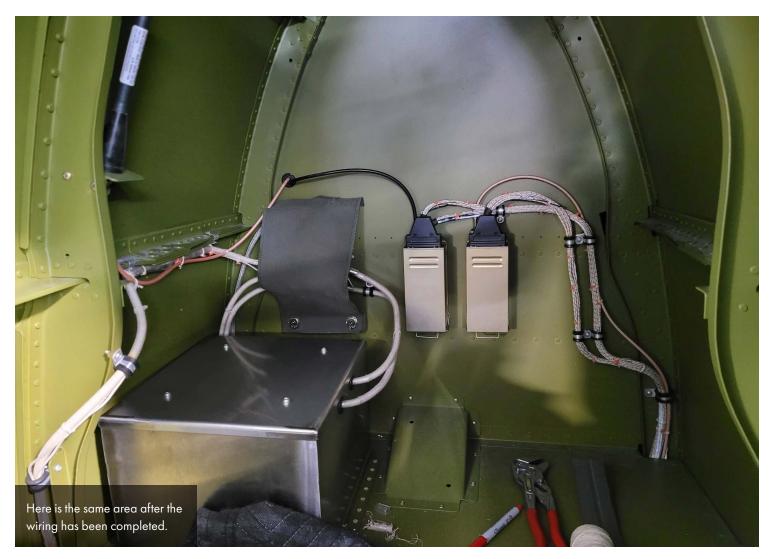




tight fit in the new box.











Engine Test Run

The first run of the engine in a new restoration is always exciting. It is like the airplane coming alive.



