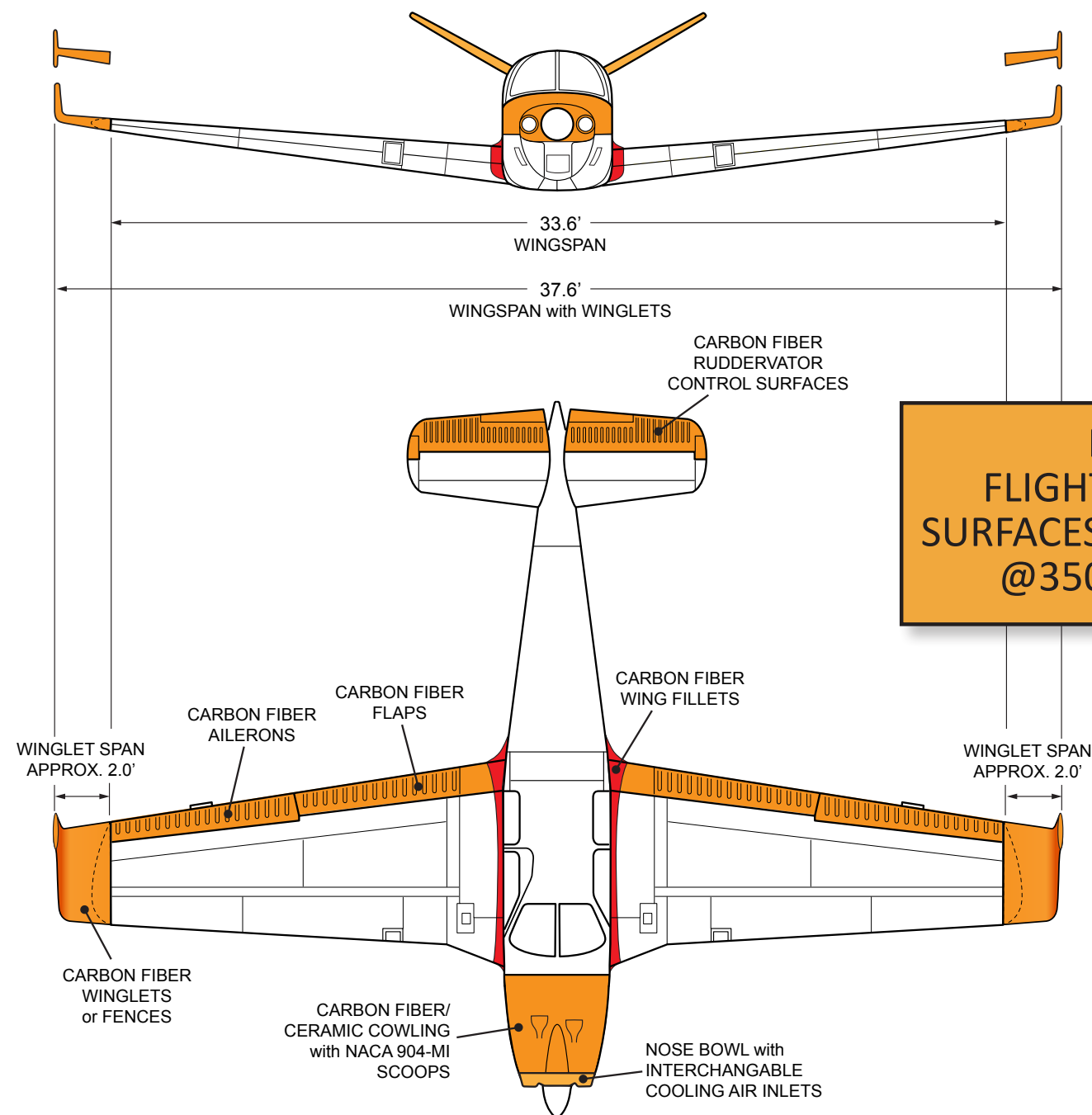


EXPERIMENTAL

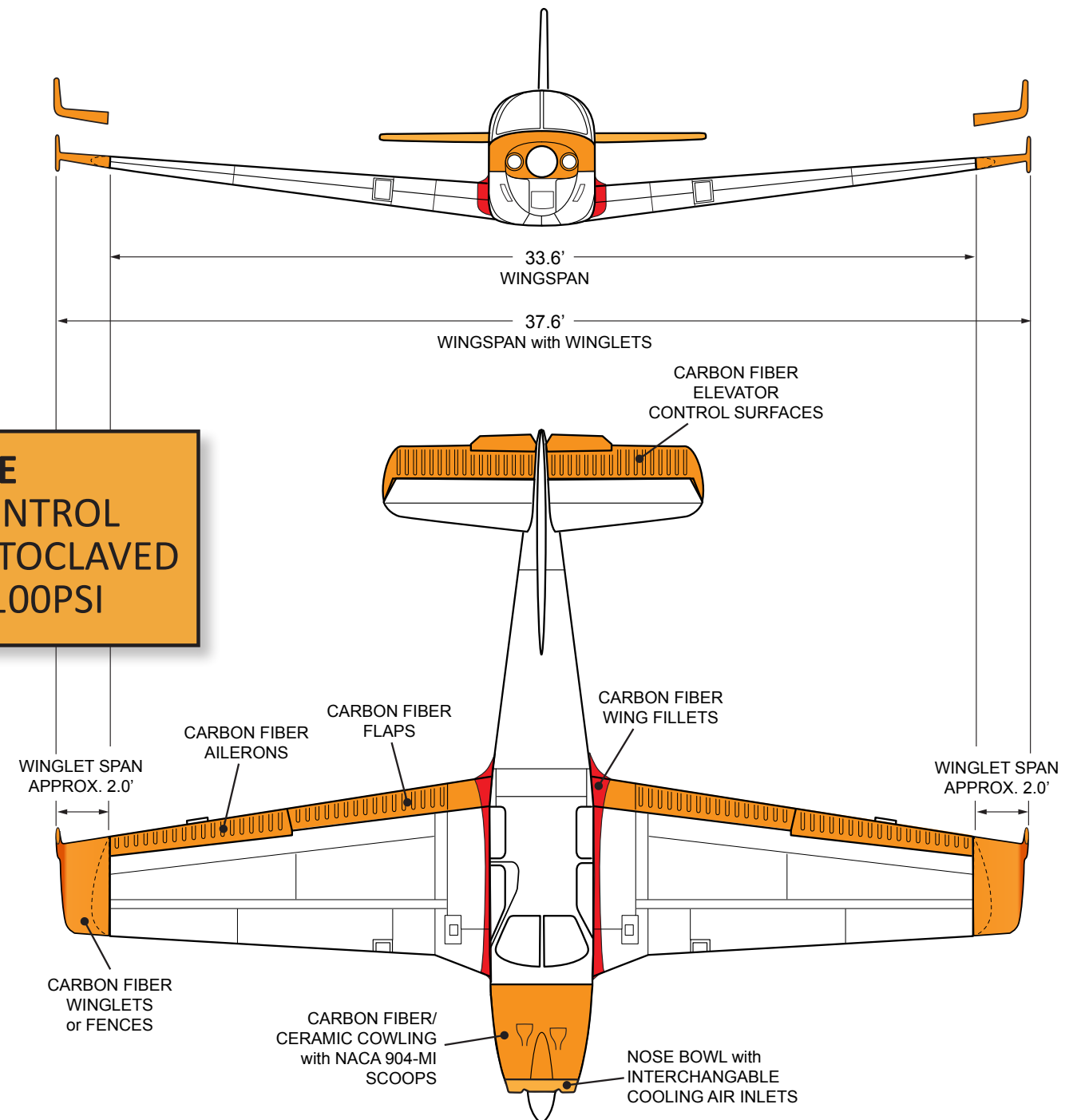
# Carbon Fiber Components for Beechcraft Bonanza Aircraft

## V Tail



**NOTE**  
FLIGHT CONTROL  
SURFACES AUTOCLAVED  
@350°F/100PSI

## Conventional Tail



# Carbon Fiber Components for Beechcraft Bonanza Aircraft

## CONTROL SURFACES

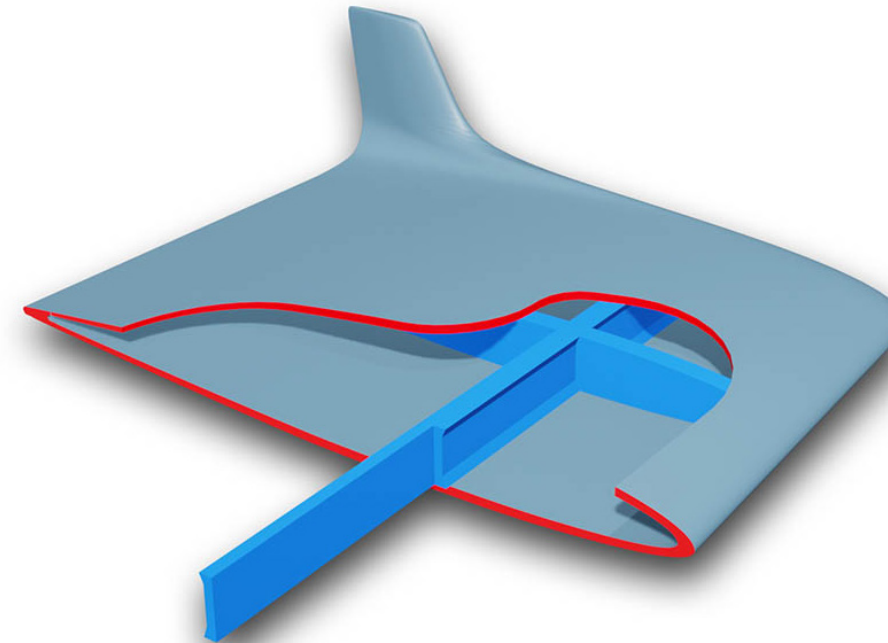
*LIGHTER • STRONGER • LESS DRAG*



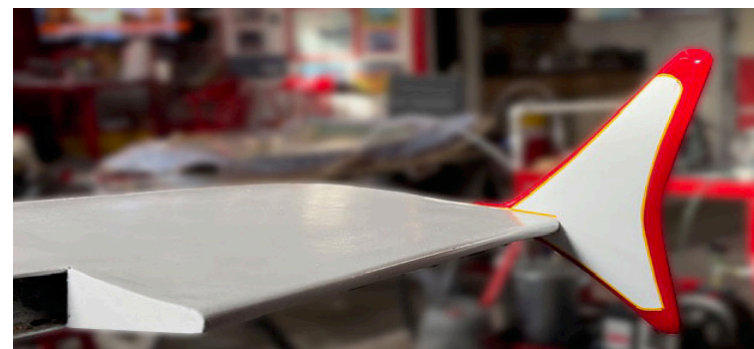
CARBON FIBER FLIGHT CONTROL SURFACES  
AUTOCLAVED @350°F/100PSI



## WING EXTENSIONS



*2 FT. EXTENSION  
with FENCE*



*2 FT. EXTENSION  
with WINGLET*





———— EXPERIMENTAL ————

# Carbon Fiber Components for Beechcraft Bonanza Aircraft

## Stock 1947 Bonanza Cowling Components



UPPER COWL  
WEIGHT: 15 LBS.

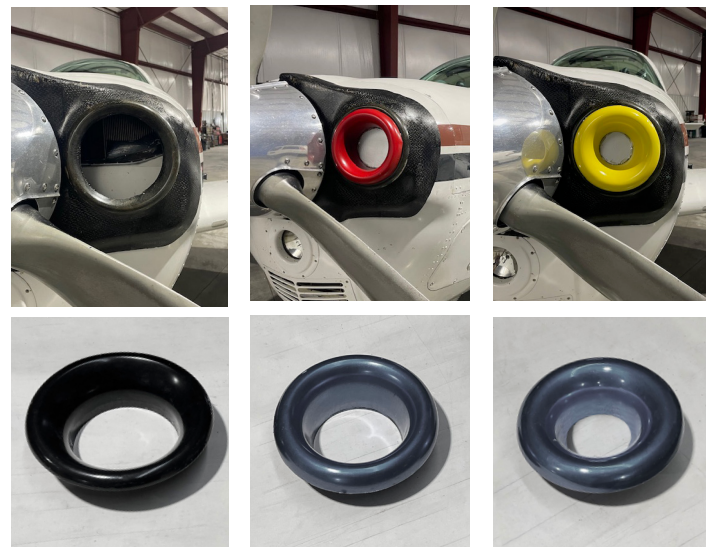
*CONSTRUCTED USING MATERIALS & TECHNIQUES DEVELOPED IN THE 1930s-1940s  
(B-17, P-51, C-130, B-52, DC-8, etc.)*



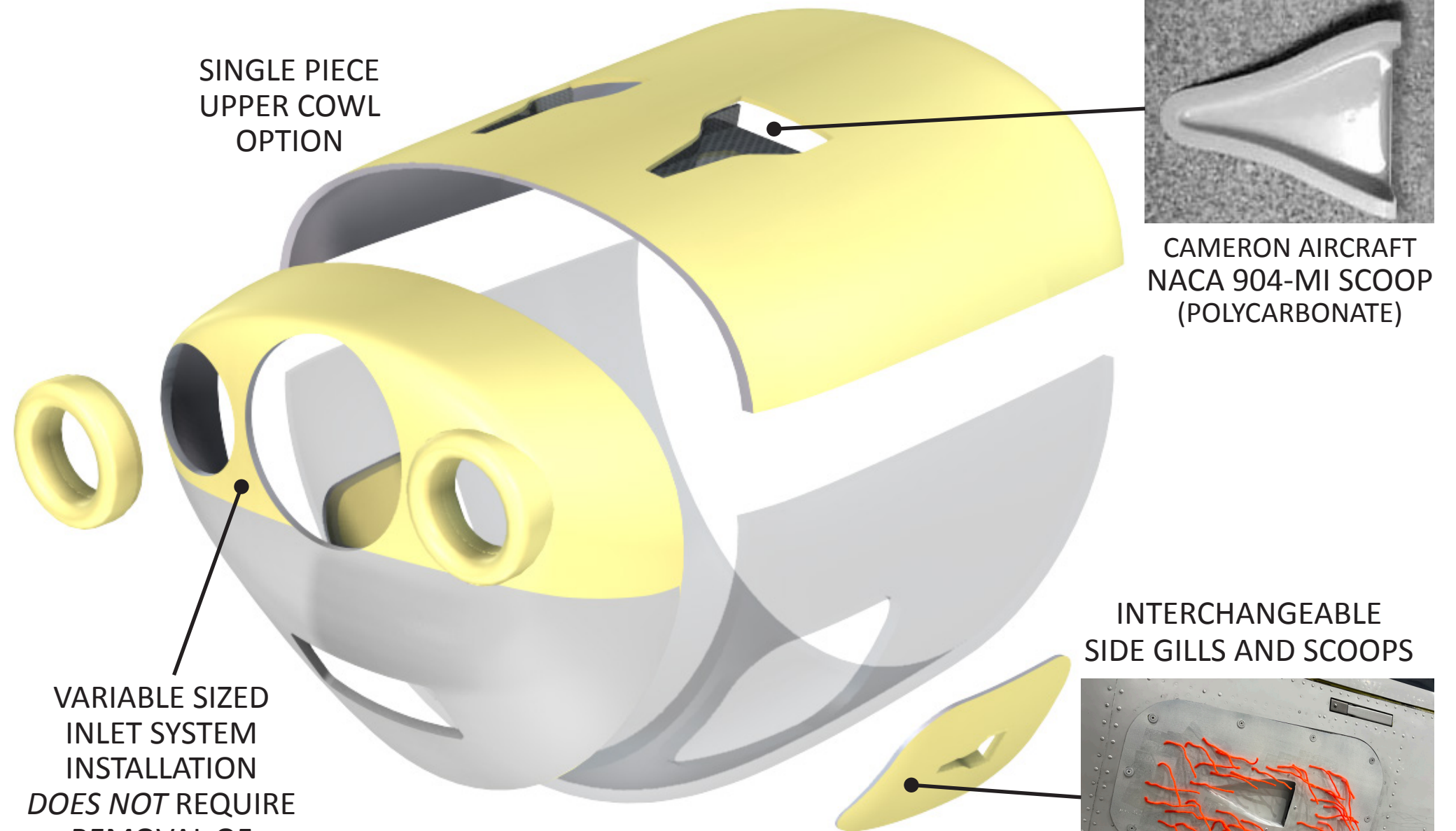
EXPERIMENTAL

# Carbon Fiber Components for Beechcraft Bonanza Aircraft

## Updated Bonanza Cowling Components for the 21st Century



VARIABLE SIZED,  
INTERCHANGEABLE COOLING INLETS  
(WINTER, SUMMER)



SINGLE PIECE  
UPPER COWL  
OPTION

VARIABLE SIZED  
INLET SYSTEM  
INSTALLATION  
DOES NOT REQUIRE  
REMOVAL OF  
SPINNER or PROP

MODERN COWLING  
COMPONENTS  
PRODUCED IN CARBON  
FIBER/CERAMIC



CAMERON AIRCRAFT  
NACA 904-MI SCOOP  
(POLYCARBONATE)

INTERCHANGEABLE  
SIDE GILLS AND SCOOPS



CAMERON AIRCRAFT  
NACA 009-MU-A SCOOP  
(POLYCARBONATE)

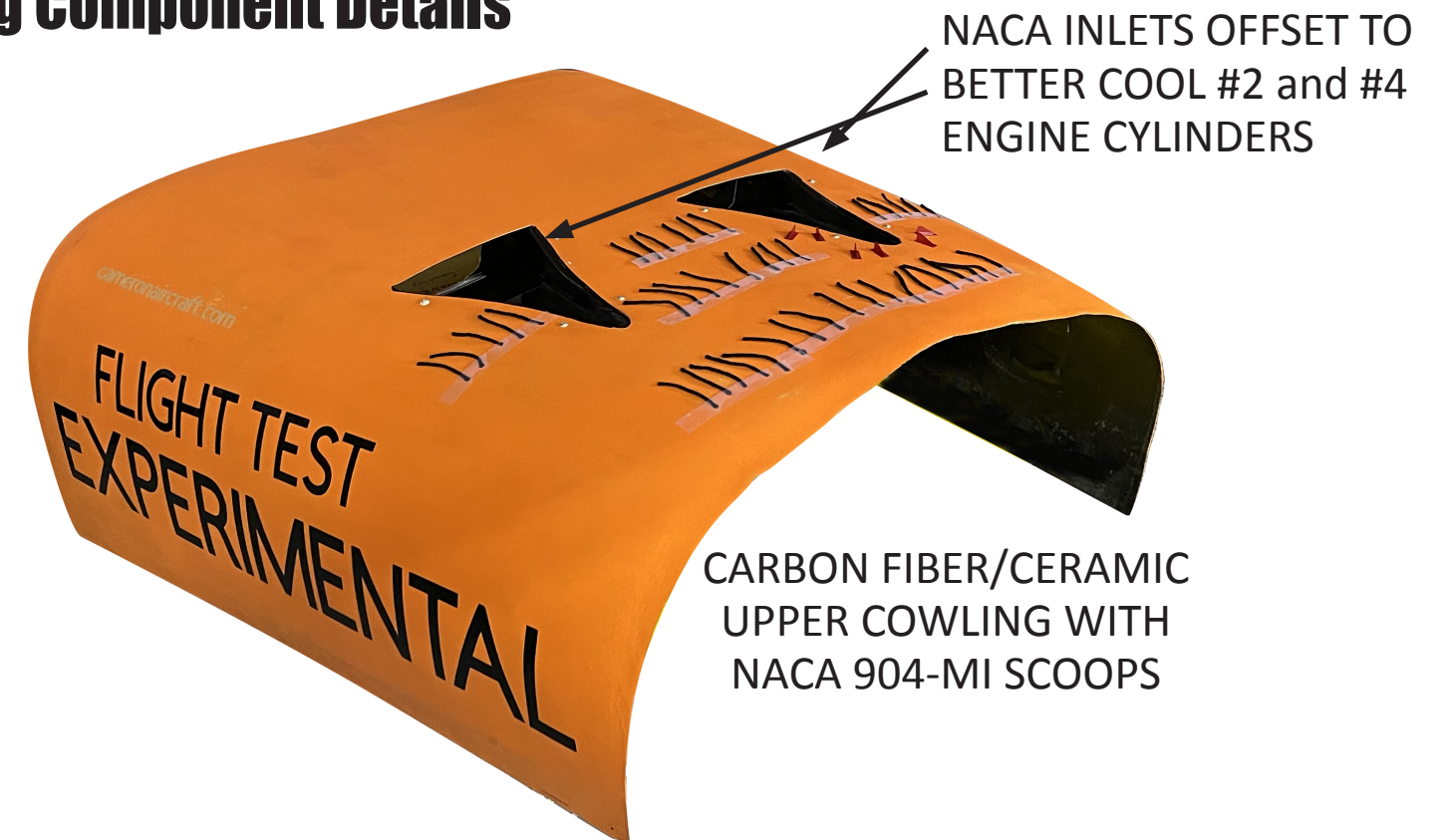


# Carbon Fiber Components for Beechcraft Bonanza Aircraft

## Bonanza Cowling Component Details



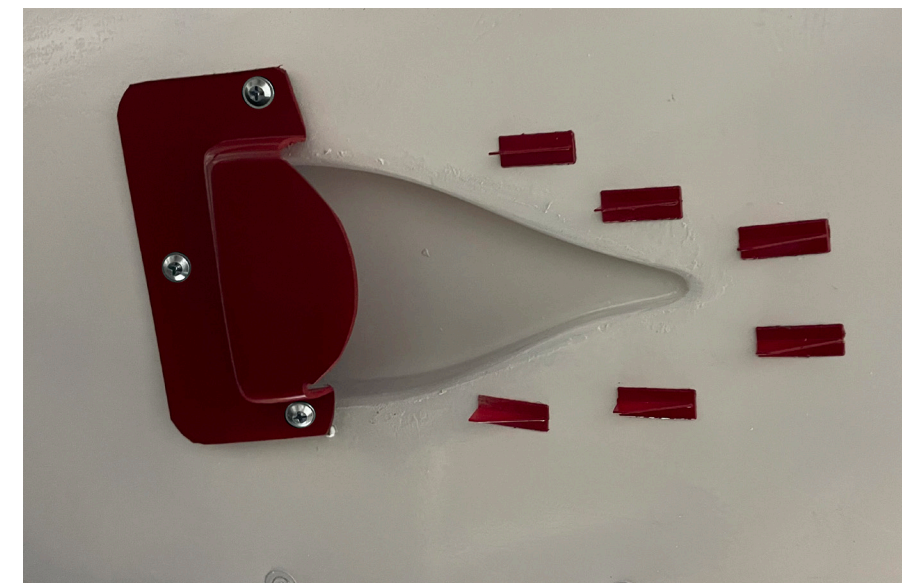
CARBON FIBER MOLD TOOLING



CARBON FIBER/CERAMIC  
UPPER COWLING WITH  
NACA 904-MI SCOOPS



CARBON FIBER/CERAMIC UPPER COWLING  
VACUUM BAGGED, OVEN CURED at 210° F



NACA SCOOP with REMOVABLE OPTIMIZER  
& VORTEX GENERATORS FOR ADDITIONAL COOLING  
DURING HIGH OUTSIDE AIR TEMPERATURES



# Carbon Fiber Components for Beechcraft Bonanza Aircraft

## Wing Fillets, Instrument Panels, Door Panels

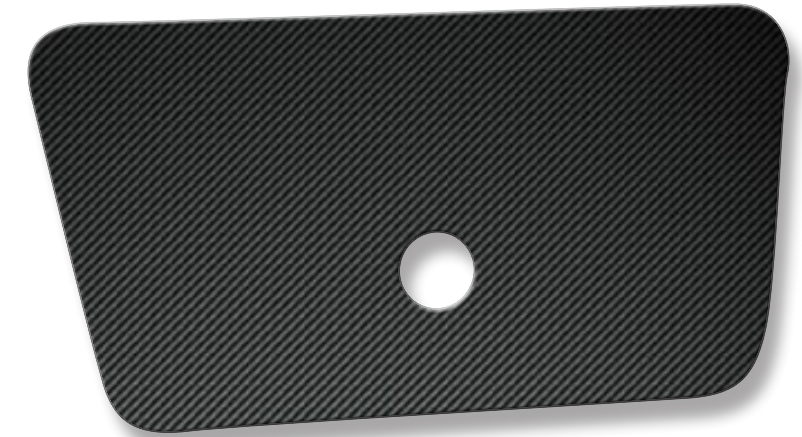
### CARBON FIBER WING FILLETS



*MORE AERODYNAMIC, REDUCED DRAG*



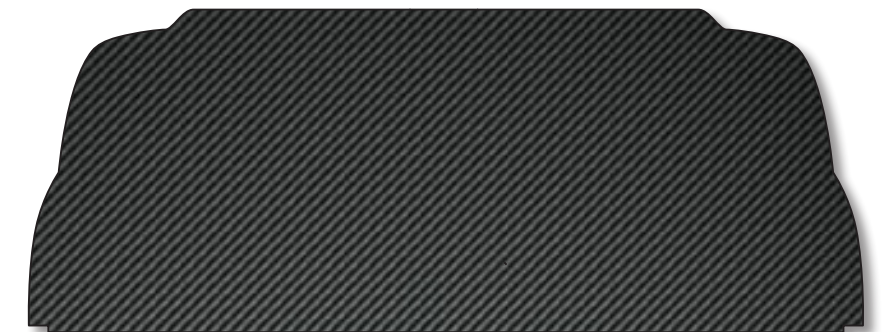
### MODERN DOOR PANEL



CARBON FIBER: \$12.50 SQ./FT.

FSU/CERAMIC/KEVLAR: \$11.50 SQ./FT.

### MODERN CARBON FIBER PANEL



\$275.00

*INSTALL GARMIN, DYNON, ETC.  
or ANALOG AS DESIRED*