

Composite Aircraft Cowlings for LS3 Corvette Engines

Bull Moose



CESSNA 180



CESSNA 185



CESSNA 182

Composite Cowlings for LS3 Corvette Engines

“BULL MOOSE” LS3 COWLING



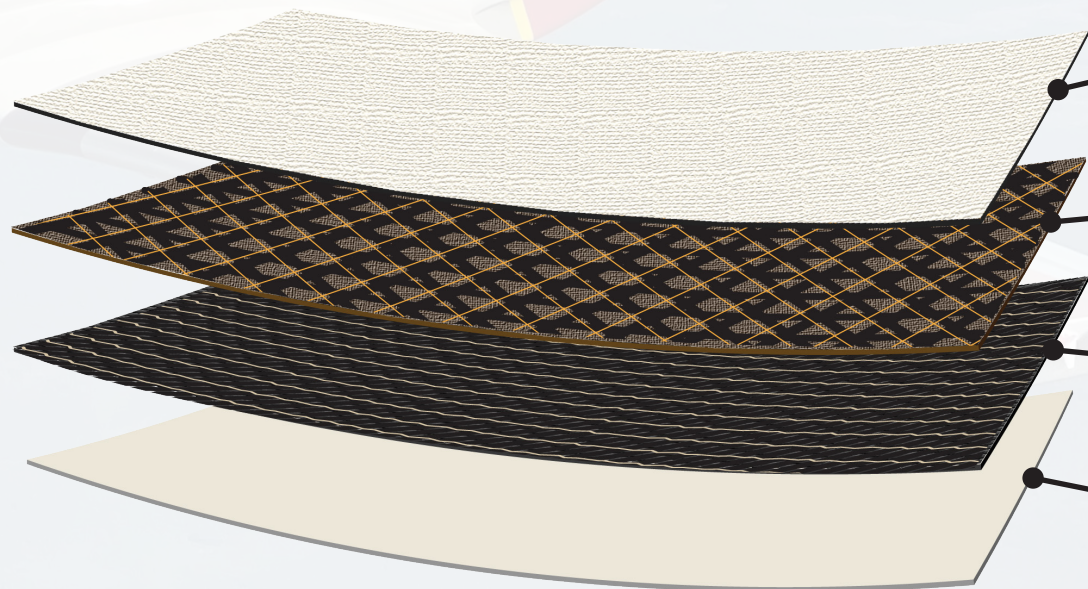
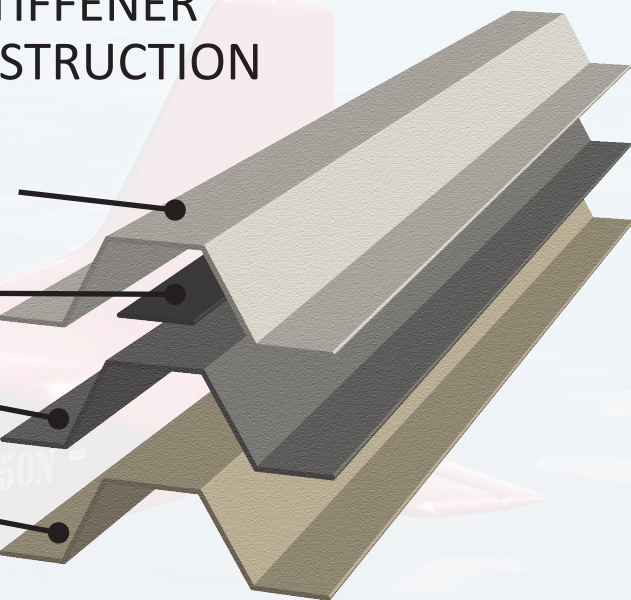
STIFFENER



ray.moosemods@gmail.com

STIFFENER CONSTRUCTION

- CERAMIC FIBER (FIRE/HEAT BARRIER)
- 3-PLY AUTOCLAVED CARBON FIBER CAP
- FSU (FIBER SCRIM-BACK UNIT)
- 7500 FIBERGLASS



- CERAMIC FIBER (FIRE/HEAT BARRIER)
- CARBON FIBER TOW 90° ZOLON ± 45° (FSU)
- CARBON FIBER STITCHED ± 45°
- SURFACE COAT

COWLINGS for CESSNA LS3 CONVERSIONS	
MODEL	YEARS
CESSNA 182	1956-1961
CESSNA 180	1953-1981
CESSNA 185	1961-1985

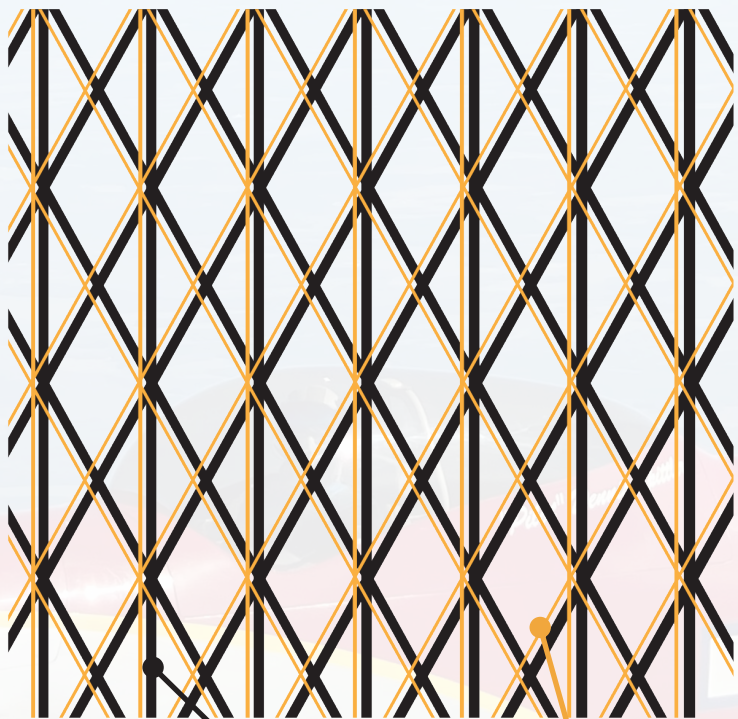


LS3 CARBON FIBER
SPINNERS and BACK PLATES

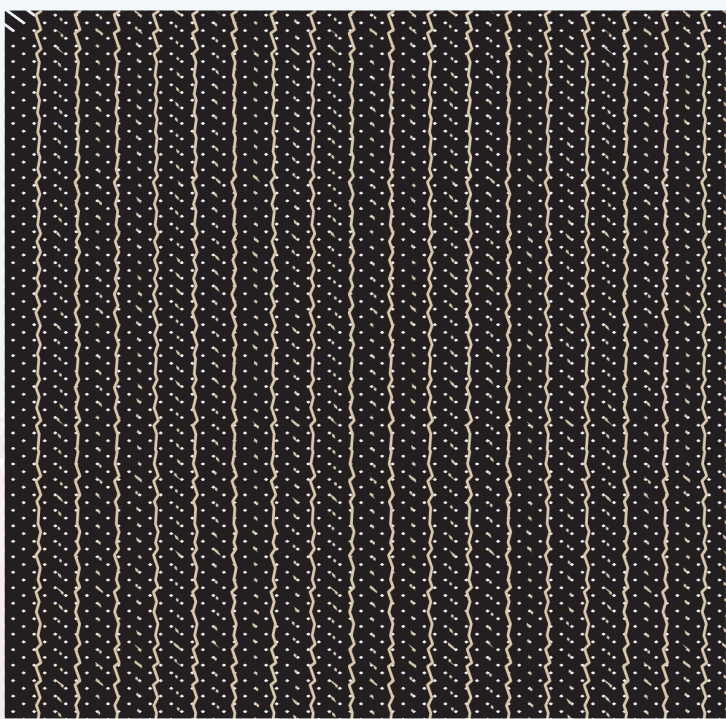
Composite Construction Overview



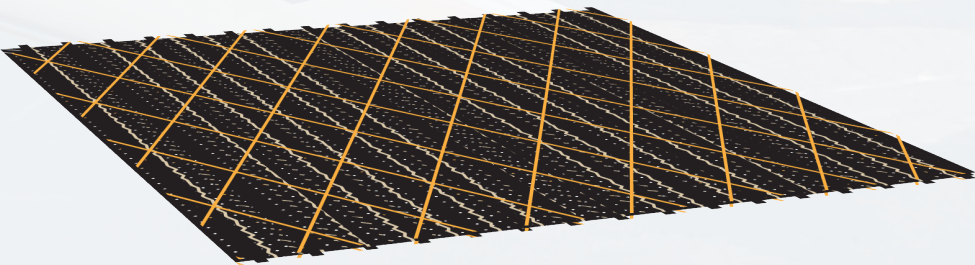
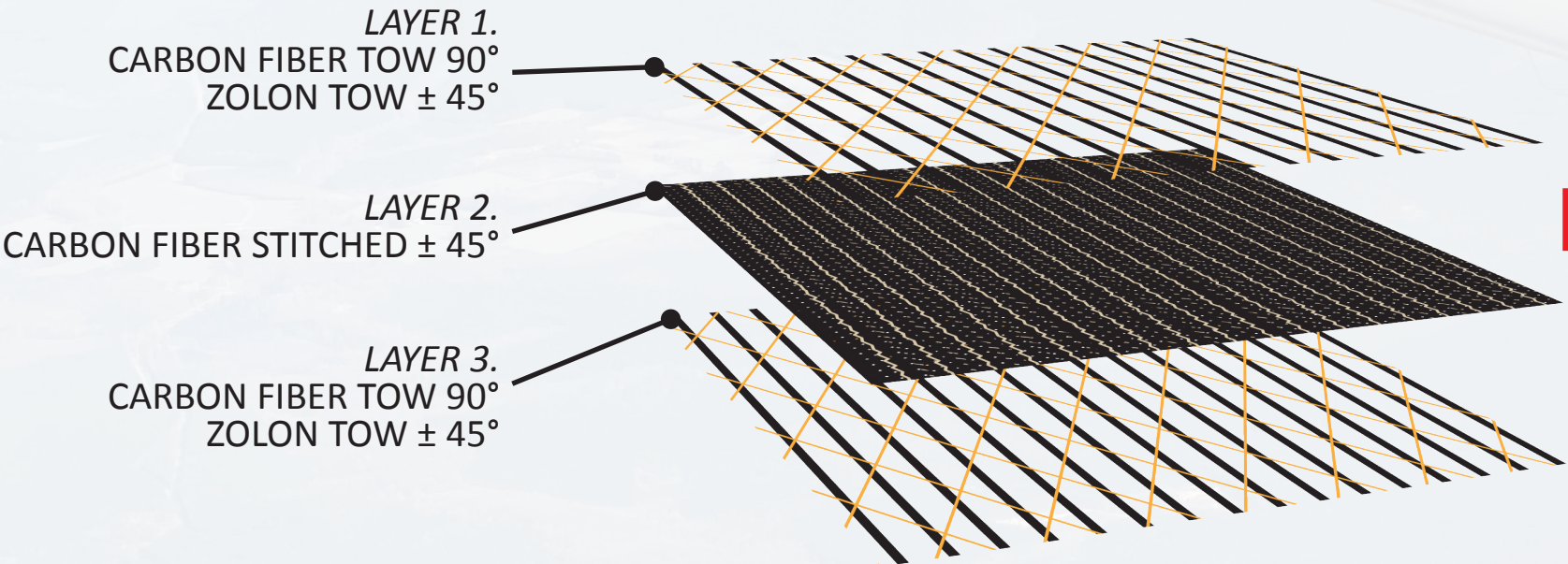
CARBON FIBER
TOW 90°
ZOLON
TOW ± 45°
FSU
(FIBER SCRIM-BACK UNIT)



CARBON FIBER
TOW ± 45°/90°
ZOLON
TOW ± 45°/90°
FSU
(FIBER SCRIM-BACK UNIT)



CARBON FIBER
STITCHED ± 45°



LAYERS PRE-STITCHED TOGETHER TO
FORM A SINGLE 4-PLY MAT

NOTE:
NO CORE MATERIALS OF ANY KIND ARE UTILIZED

Composite Cowlings for LS3 Corvette Engines

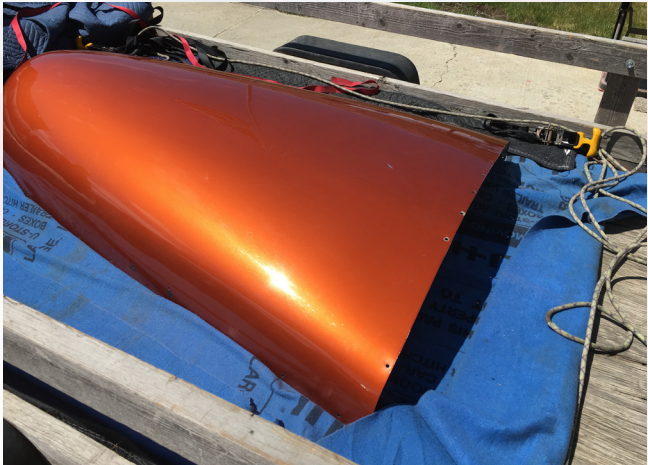
CESSNA 180



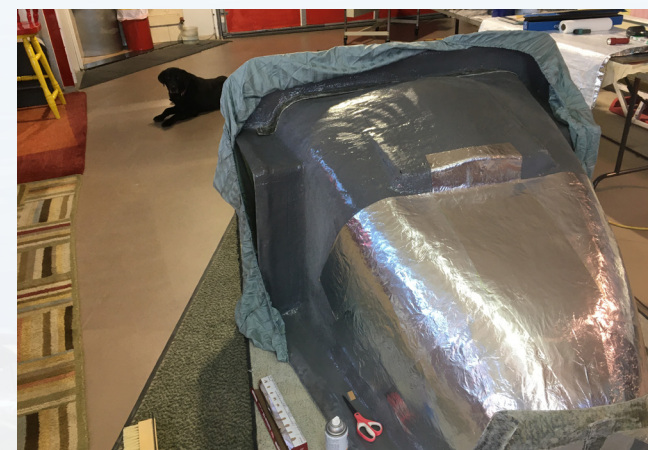
CESSNA 185



CESSNA 182



Composite Cowlings for LS3 Corvette Engines



Composite Cowlings for LS3 Corvette Engines

LS3 ENGINE INSTALLATION DETAILS

