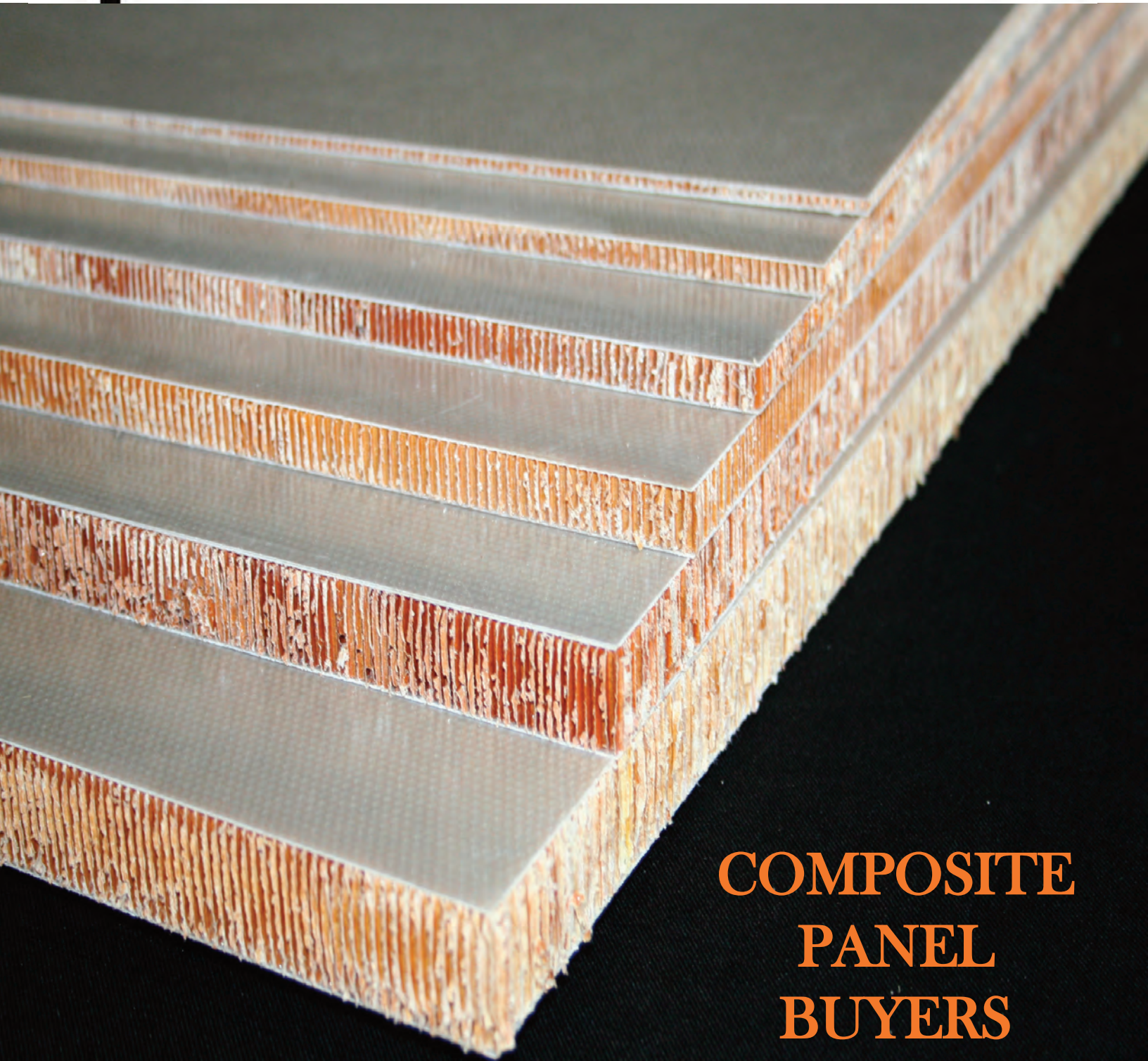




TECHNICAL COMPOSITE CORPORATION

A LOU MARTIN COMPANY



COMPOSITE PANEL BUYERS GUIDE



TECHNICAL
COMPOSITE
CORPORATION



2107 Danbury Dr., San Antonio, TX 78217 Phone 210-832-0200 Fax 210-930-8192

**Epoxy Glass/Nomex Honeycomb
Flat Sandwich Panel**

Available in:

.125", .250", .375", .500", .750", 1.00"

**Epoxy Glass/Divinycell Core
Flat Sandwich Panel**

Available in:

.125", .250", .375", .500", .750", 1.00"



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Epoxy Glass/Nomex Honeycomb Core Flat Sandwich Panel

Core Material: Aramid Fiber Honeycomb
Spec: AMS 3711E
Type: 1/8" Cell – 3.0 Lb/Ft

Outer Skin Material: Fiberglass Prepreg
Type: L-501HT-7781

Standard Sheet Size: 48" x 96"

Available width up to 60"

Available length up to 144"

Core Thickness	Part Number	Ply Config.
.125"	00-113M041-1	2/2
.250"	00-113M041-3	2/2
.375"	00-113M041-5	2/2
.500"	00-113M041-7	2/2
.750"	00-113M041-9	2/2
1.00"	00-113M041-11	2/2
.125"	00-113M041-25	1/1
.250"	00-113M041-27	1/1
.375"	00-113M041-29	1/1
.500"	00-113M041-31	1/1
.750"	00-113M041-33	1/1
1.00"	00-113M041-35	1/1

All materials used in the construction of this panel meet FAR 25.853(a)



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Aluminum Honeycomb Flat Sandwich Panel

Core Material: Aluminum Honeycomb

Spec: AMS-C-7438

Type: 5.7 lb, 3/16 cell, 5052 Alloy, .002 Foil

Outer Skin: .02" 2024-T3 Al Clad Aluminum Sheet

Spec: QQ-A-250/5

Standard Sheet Size: 48" x 96"

Available width up to 48"

Available length up to 144"

Core Thickness	Part Number
.250"	00-113M042-1
.375"	00-113M042-3
.500"	00-113M042-5
.750"	00-113M042-7
1.00"	00-113M042-9

All materials used in the construction of this panel meet FAR 25.853(a)



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Epoxy Glass/Divinycell Core Flat Sandwich Panel

Core Material: Divinycell
Spec: ASTM D 1621, ASTM D 1623, ASTM C 273
Type: HT Series

Outer Skin Material: Fiberglass Prepreg
Type: L-501HT-7781

Standard Sheet Size: 48" x 96"

Available width up to 60"

Available length up to 144"

Core Thickness	Part Number	Ply Config.
.125"	00-113M040-1	2/2
.250"	00-113M040-3	2/2
.375"	00-113M040-5	2/2
.500"	00-113M040-7	2/2
.750"	00-113M040-9	2/2
1.00"	00-113M040-11	2/2

All materials used in the construction of this panel meet FAR 25.853(a)



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Our Facility



Technical Composite Corporation is located in San Antonio, TX just off of San Antonio International Airport. Our facility is 25,000 sq. ft. with segregated clean rooms for composite lay-up, two 14' deep ovens, a 600-ton flat panel press, and fabrication shop. All customer and TCC tooling is kept in a dedicated separate building.

We encourage all current and prospective customers to pay us a visit.

Flat Panel Press





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Additional Products Available



Interior Shell Kits – We currently have tooling for 30+ aircraft in stock



Air Ducts



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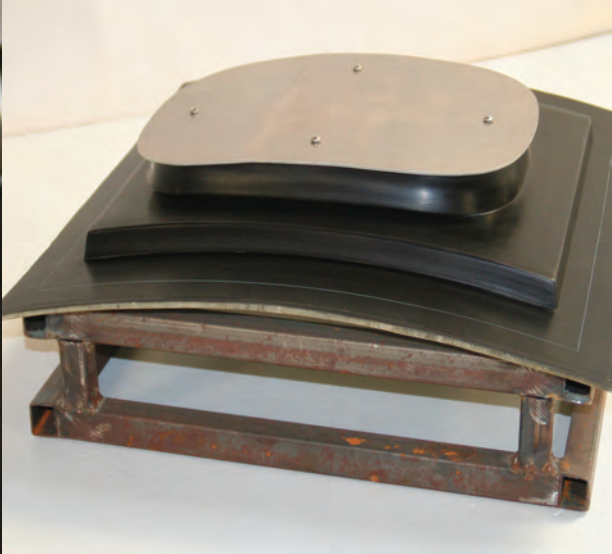
Additional Products Available



Custom Composite Lay-up



Window Reveals



Custom Tooling





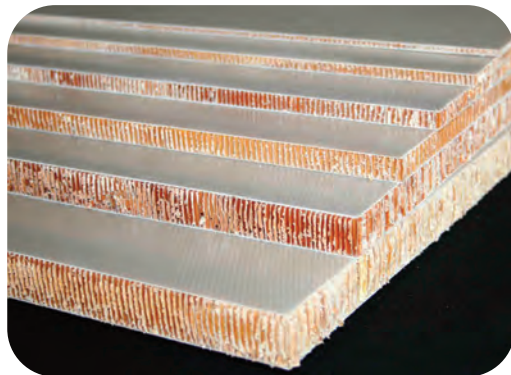
WE HAVE EXPANDED OUR FLAT SANDWICH PANEL CAPABILITIES

Our new SDM Technologies Flat Panel Press gives us the capability of high volume production of top quality aviation flat sandwich panels to support all of your fabrication



needs with fast response to your standard orders and extremely short lead time for custom orders. We offer a wide variety of facing materials with corresponding cores in standard and custom panel sizes and thicknesses from .125" through 1.00".

A full range of specifications and engineering allowables are available for certification support.



Contact: Robert Redland
Phone: (210) 832-0200
email: sales@techcomposites.com



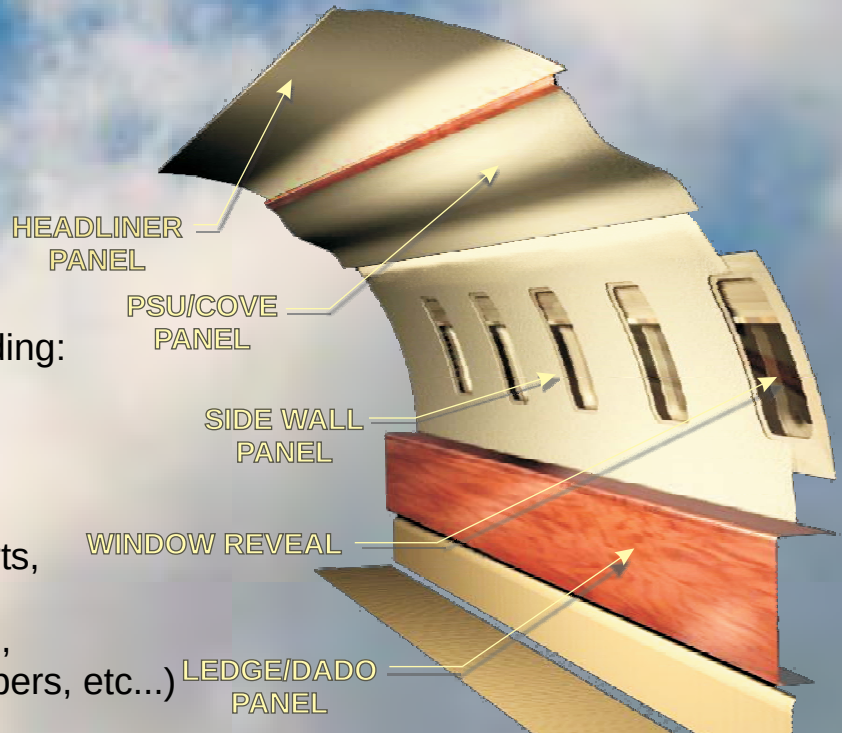
TECHNICAL COMPOSITE CORPORATION

Contact Robert Redland
U.S. & Canada Ph. +1 210 832-0200 - Europe Ph. +32 (0) 11 42 40 66
WWW.TECHCOMPOSITES.COM WWW.AEROTECS.COM

PROVIDING COMPOSITE PANELS & COMPOSITE ACCESSORIES FOR THE AIRCRAFT OF TOMORROW

Composite Panels

- All light weight composite panels
- Shell kit panels formed to your design specifications
- Complete engineering installation drawing package
- We offer an array of materials including:
 - Divinycell
 - Nomex Honeycomb
 - FR Epoxy E-Glass
 - Phenolic
- Other services include: Material Certs, Splicing for full length panels, Final trimming to customers specification, cutouts for accessories (lights, gaspers, etc...)



Fiberglass Window Reveals and Accessories

- Light weight yet ridged construction
- Material and burn certification available
- An exclusive surface coat that provides a pinhole free and "ready for paint" part
- Our in-house engineering staff & CNC shop can design job specific tooling

