

The DoorwayTM

M.C. Gill Corporation Group of Companies

High Performance Composite Products Since 1945 • www.mcgillcorp.com

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Transformation
Complete!

Transformation

Ours is a world in flux. We conduct business in a global economy. We interact with a multi-cultural, multi-racial society whose demands seem to change as quickly as our burgeoning technologies. Operating a successful business in the 21st century is a challenge fraught with uncertainty. No challenge is greater than effectively blending the old with the new. M.C. Gill Corporation's strategic plan exemplifies that skill.

Throughout its 63-year history, M.C. Gill Corporation has grown from a small local entrepreneurial company to being a leading supplier with a global presence. We are founded in the past, but constantly investing in the future.

M.C. Gill Corporation was established in 1945, evolving from a fledgling family operation to a business that was regularly outgrowing its facilities. The aerospace industry was growing, prompting demand for new materials. "By the end of World

War II, air travel was quite literally taking off, borne aloft by important advances in technology. War encouraged the rapid growth of air transportation. Indeed, it was only after World War II that air transportation became the dominant mode of long-haul passenger travel in developed-country markets. In 1956, more people traveled on intercity routes by air than by Pullman car (sleeper) and coach class trains combined in the U.S. In 1958, airlines carried more passengers than ocean liners across the Atlantic for the first time."



Complete



† <http://people.hofstra.edu/geotrans>, Air Transport,
Dr. John Bowden and Dr. Jean-Paul Rodrigue

M.C. Gill Corporation is headquartered in El Monte, California, in a seven-building complex that includes over fourteen acres (250,000 square feet under roof) of research and development, manufacturing, distribution and office space. The complex traces its roots to 1960 when M.C. Gill Corporation purchased manufacturing space and began a series of acquisitions aimed at meeting the demands of the growing aerospace industry. At the time of that first purchase, annual

revenues were approximately \$525,000. By 1967, two more buildings had been acquired. Between 1967 and 2001, M.C. Gill Corporation purchased four more buildings, added more manufacturing equipment and increased personnel. During this period, the corporation also acquired Insoleq (M.C. Gill Corporation Europe) in Northern Ireland, Castle Industries in California, Alcore Brigantine in France, and Alcore, Inc. in Maryland.



M.C. Gill Corporation Headquarters
El Monte, California

M.C. Gill Europe/Insoleq
Northern Ireland



Castle Industries
Ontario, California

Alcore Brigantine
Anglet, France



Alcore, Inc.
Edgewood, Maryland





In 2005, when annual revenues reached \$115,000,000, Stephen Gill and the shareholders agreed that to guarantee the corporation's growth they needed to commit to a sizeable capital investment plan. In 2006, state-of-the-art equipment was ordered, new positions were created and upgrades to the existing facilities began. In the fall 2007 *Doorway*, we reported on the first phase of this \$20,000,000 plan. Phase I included:

New sheeter/stackers that use an advanced Vision system for stacking blocks faster and more accurately.



Large-capacity bake ovens that increase capacity by 25-30%.



New Dielectric Press for curing the honeycomb blocks.



Saws dedicated to cut Gillcore HK Kevlar® Honeycomb and a new panel saw for sandwich panels.



Upgraded heat-set oven to increase capacity.



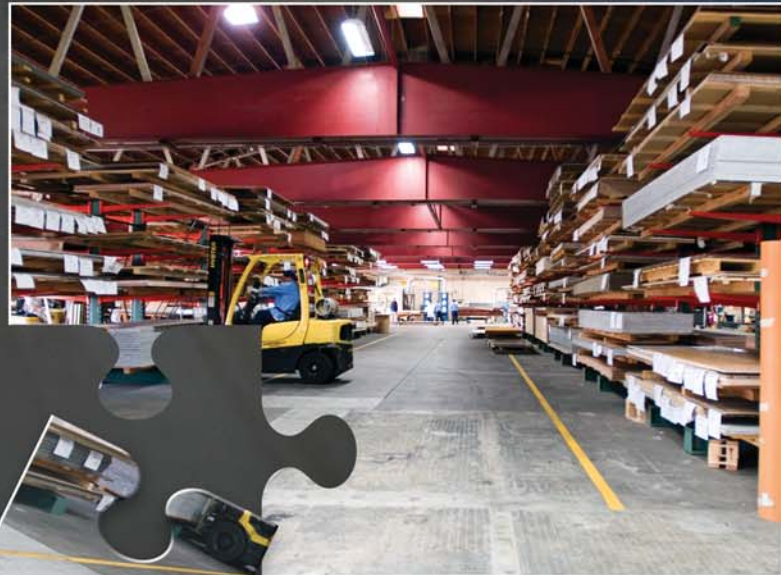
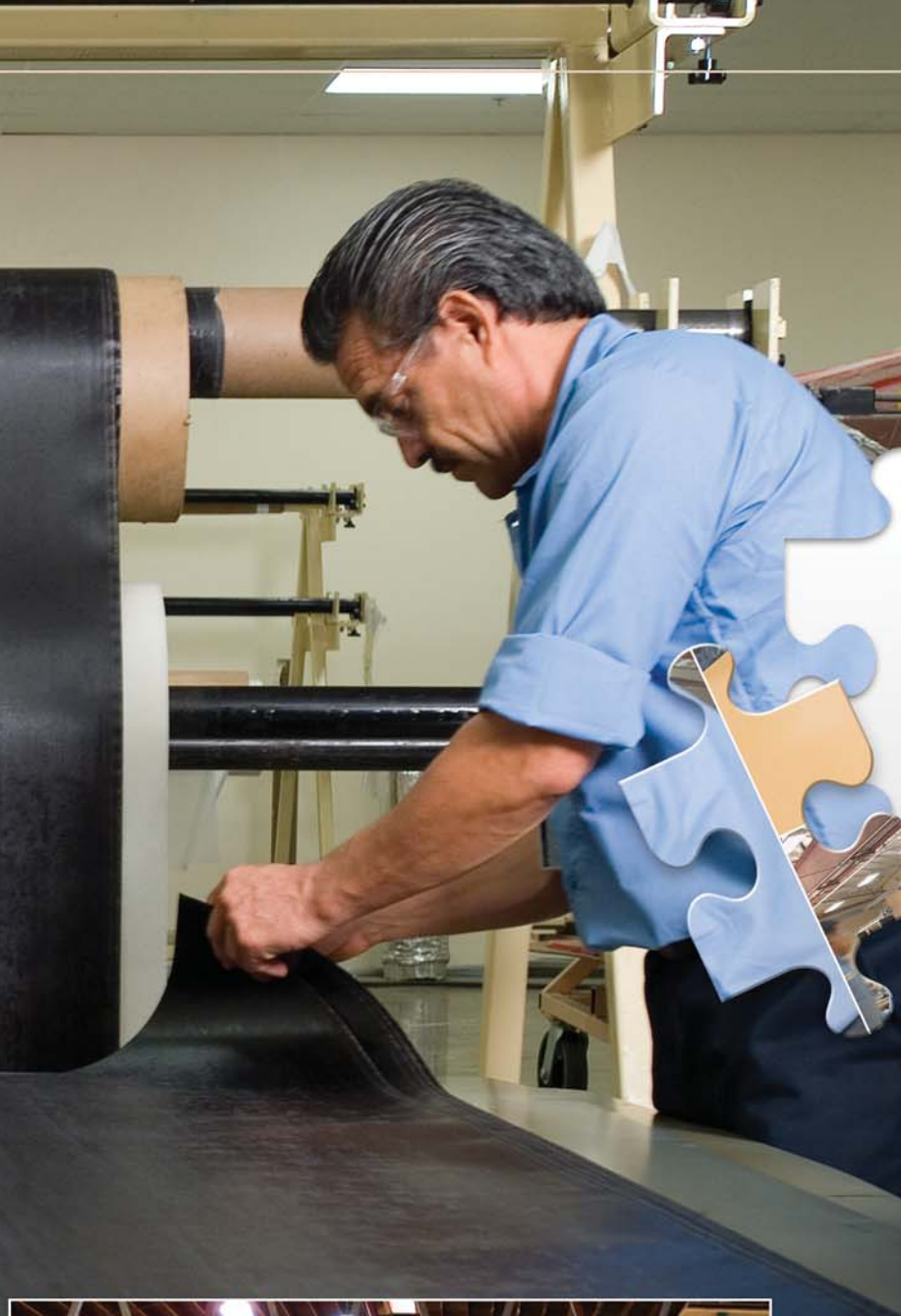


Many exciting changes have taken place since then. The investment plan called for changes that would bolster efficiency and maximize use of space. While additional equipment was enroute, we began an extensive remodel of the building most recently added to our complex. This building is the largest in the complex boasting 77,000 square feet under roof.

Our entire maintenance department has now relocated to the northwest corner of the building. This helps our maintenance crews to more efficiently maintain our tools and equipment and frees up space required for additional honeycomb slicing saws.

The south central area of the building has been retrofitted with modern steel-frame racks and lighting to accommodate our inventory of standard (R stock) products. Advanced software systems are now in place for more efficient warehouse and inventory control.

A new automated panel saw has been installed in the western end of the building for cutting and trimming of sandwich panel products. The addition of two production positions provides continuous oversight of the process to ensure we consistently produce high-quality finished products.



Increasing capacity was another critical element of the plan. To support that need, we purchased two new eight-opening 5' x 12' platen presses. The multi-opening presses will accommodate a nominal panel size of 5' x 12' with either side- or end-loading. Ten skilled production workers are assigned to the press/layup area per shift. Purchased in November 2007, installation began in April 2008 and the first press was operational in late July 2008. The second press will address any unexpected spikes in demand and can be put into operation within eight to ten weeks. Simultaneously, construction of a 7,000-square-foot controlled environment room was completed adjacent to the eight-opening press for layup of new panel materials. Director of Engineering, Greg Zeronian, oversaw the installation and he reports complete satisfaction with the equipment's performance.





Powering the new press required a significant upgrade to our utility infrastructure, so we have installed a new low NOx boiler system along with high-efficiency cooling towers. The state-of-the-art design results in little waste water from the manufacturing process and will accommodate future growth.

Following the success of our 2007 efficiency grant from the Southern California Gas Company, M.C. Gill Corporation has been awarded an additional Gas Company \$15,000 rebate on the new boiler system.

With installation of equipment complete, the next step is the build-out of 9,000 square feet of office space that will house Human Resources, Manufacturing and Facilities Engineering, Production Control, Procurement and the Quality Departments. The new office space is scheduled for occupancy by December 31, 2008. Relocation of these offices from other areas of the complex will provide room for proposed expansion of our honeycomb core manufacturing areas.

The final step in the transformation is moving the existing shipping department to our newest building with the addition of a four-bay loading and shipping dock. This move lets us accommodate our increased shipping and distribution traffic. This final modification will allow for much-needed expansion in the resin mixing and prepreg areas.



As the capital investment plan nears completion, Stephen Gill takes great satisfaction in seeing how the small business his family started has grown into the world-class operation that he oversees today. The substantial investment in equipment, personnel and renovation is proof of Stephen's commitment to meet the challenges that lay ahead. The machinery, buildings and people have changed over the years, but M.C. Gill Corporation remains a unique, customer-centered organization that is eager to serve its customers now and well into the future.

Alcore Brigantine Announces Opening of Precision Process N°3 Workshop



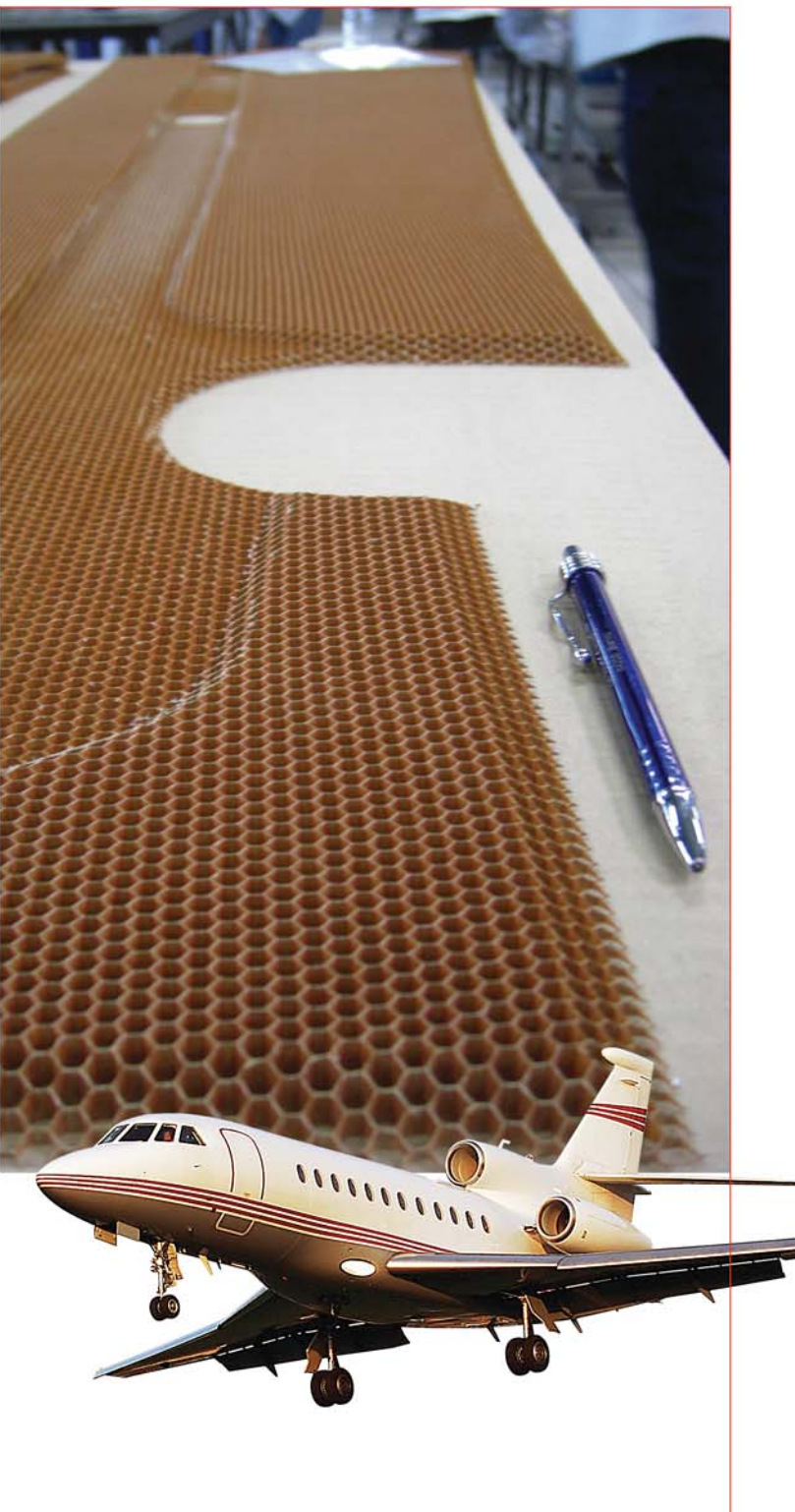
Alcore Brigantine, a subsidiary of M.C. Gill Corporation, is located in Anglet, France, and offers broad manufacturing capabilities in structural core materials technology in Europe. This includes aluminum honeycomb in aerospace and commercial grades, with in-house design and special processing expertise.

Their new Precision Process N°3 (PP3) workshop is dedicated to non-metallic honeycomb machining. A new 5-axis milling center was installed in August 2008 and is now operational, bringing Alcore Brigantine's capabilities to four milling centers. The additional milling center will allow Alcore Brigantine to develop new business opportunities and supply core details in non-metallic honeycomb (Nomex® and Kevlar®). At present, Alcore Brigantine is providing core details for the Dassault Falcon 900 Fairings and core details for the Airbus A330 Flap Track Fairings.

In addition to the PP3 workshop, a new Contamination Control Area (CCA) workshop has been implemented. The CCA workshop will process other composite products in development including thermal stabilization, forming, slicing and potting. These activities were integrated in the 2008 NADCAP audit. Alcore Brigantine received NADCAP accreditation in July 2008.

For more information about Alcore Brigantine's capabilities, please contact Laurent Demaret at ldemaret@alcorebrigantine.fr.





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your thoughts, questions and
comments with co-workers
and people within our industry?**

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*Alcore does not sell sandwich
panels. Contact M.C. Gill for
these products.*



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THE DOORWAY IS PRINTED ON 10% POST-CONSUMER RECYCLED
PAPER AND SHOULD BE RECYCLED

Trivia



THE FUNNY SIDE

Unusual Facts

The skin is the largest organ of your body making up approximately 16% of your body weight. If you are an adult, you have about 21 square feet of skin (2 sq m) weighing approximately 7 lbs (3.2 kg). On average, the skin weighs twice as much as the brain. This fascinating organ serves a variety of functions: it is a barrier to protect internal organs, a temperature regulator, a detector of touch, vibration, pain, temperature, an immune organ to detect infections, etc.

Australia is the only country spreading over an entire continent. This continent is the flattest of all and the second driest on Earth (after Antarctica). As a country, Australia is the sixth largest (smaller only than Russia, Canada, China, the USA and Brazil). Its capital is Canberra and its largest city is Sydney.

Did you know that almonds are actually a member of the peach family? They both belong to the subfamily Prunus, as do the plum, cherry, and apricot. So botanically speaking, the almond is not a nut, but a fruit. Almonds grow on trees as apricots do and represent the seeds of these trees.

The *rafflesia arnoldi* is the largest flower on Earth. It weighs 7 kg (15 pounds). Its petals reach 1 meter (1.6 ft) in length and 2.5 cm (1 inch) in thickness. The *rafflesia arnoldi* is native to the Sumatra Island of Indonesia and can only be found there. It is nicknamed “the corpse flower” because of its terrible reek, used to attract flies for pollination.

Things to Ponder...

- Is there another word for synonym?
- If a parsley farmer is sued, can they garnish his wages?
- Would a fly without wings be called a walk?
- Why do they put Braille on the drive-through ATM bank machines?
- What was the best thing before sliced bread?
- The older you get, the better you realize you were.
- Age is a very high price to pay for maturity.
- Do pediatricians play miniature golf on their day off?
- If you try to fail and succeed, which have you done?

What Am I?

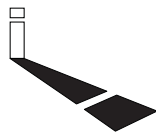
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FLASH N

K9£

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LOT ANSWER
LOT ANSWER
LOT ANSWER

First row: Desperate Measure, Jail Break, Weeping Willow, So Close Yet So Far, Second row: Cut the Mustard, Eye Shadow, Behind Bars, Much Ado about Nothing, Third row: Fill in the Gaps, Dot Your I's and Cross Your T's, Brute Force, Open Up Your Mind, Fourth row: Back to Back Events, Flash in the Pan, Dog Pound, A Lot to Answer for.