**Unique Capabilities of *Green-AeroSM***

* Tools can be assembled from blocks or units to produce complex tools or achieve large sizes
* Suitable for rate manufacturing
* Washout mandrels are usable for manufacturing up to 340°C (650°F) and 1400 kPa (200 psi)
* Master or mold sees room T only, and only rough vacuum

Since it is removed before tool hardening the master or mold may be made from almost any material, including a rapid prototyping model, original part, tooling foam, or even wood.

*1.2-meter (4-foot) hat stiffeners made in wooden molds*

* This is GREEN tooling; all steps are environmentally benign
	+ Materials used
	+ Production
	+ Use
	+ Washout

NCI Brochure 2018-11, Rev. 0, LLC

**Nevada Composites Inc.**

***Green-AeroSM*** *– the next generation in rapid tooling*

****

When a demanding mission requires both speed and affordability, look to *Green-AeroSM* tooling from Nevada Composites.

**When you want it, where you want it, and at a price you can afford.**

*Green-AeroSM*  tooling from **Nevada Composites Inc.**

**Nevada Composites'** innovative tooling represents the next generation in rapid tooling for composites prototyping, manufacture, and repair

*Green-AeroSM* tooling

* Is based on ceramic microspheres in a water-soluble refractory binder
* Uses a vacuum-casting technique and ceramic tooling material adapted from the metal foundry industry.
* Combines simplicity, reliability, and flexibility in a robust but rapid tool-making process.
* Is available as custom single-sided tooling or custom washout mandrels
* **Company History**

Nevada Composites was founded in 2008 to bring lower cost, more time-efficient advanced tooling to aerospace and commercial markets.

**Advantages of *Green-AeroSM* tooling from Nevada Composites Inc.:**

* Short lead time
* Low cost
* Green
* Accurate, reliable, and reproducible
* Dimensionally stable
* Lightweight
* Low, composite-compatible CTE
* Low thermal mass
* Stand alone
* Tailorable
* Warm-water washout even after exposure to high cure temperatures

We would be happy to discuss your tooling needs. Solving complex problems and enabling leading-edge solutions is our specialty.

Contact Us:

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