

## CASE STUDY

# Aerospace and defense company increases throughput and productivity with **Kanban's manufacturing support services**

**KANBAN**  
LOGISTICS

**AEROSPACE  
& DEFENSE**



## SITUATION

A large manufacturer of safety products for commercial and military vehicles and aircraft approached Kanban Logistics in 2004 with a need to free up some floor space in its North Carolina manufacturing plant. After several discussions about Kanban's overall capabilities, that simple request for warehousing space expanded into a request for a comprehensive inbound logistics solution, including inventory management, kitting, sub-assembly, packaging and transportation.

## STRATEGY

**Manage component parts inventory.** Kanban stores all parts used in the final product. Each day, Kanban provides the exact number of parts required for that day's production run. Parts are organized, and sub-assembly is done, to minimize time and effort for assembly workers, greatly increasing productivity.

**Create and ship finished kits.** Kanban creates some kits for end customers on behalf of its client and ships them directly, avoiding the time and cost of doing it at the factory. Quality assurance is done by members of the client's quality team, who maintain an office within Kanban's facility.

**Create final packaging.** Flat boxes are assembled and specialized foam inserts are placed in the boxes at the Kanban warehouse, then shipped to the factory. As units are completed, workers simply insert them into the ready boxes and seal them up, freeing up significant space and labor.

**Distribute finished goods.** Finished units are sent back to Kanban for storage and order fulfillment. Kanban maintains the required hazmat certifications to handle the product and arranges outbound transportation using the client's pre-approved carriers.

## SUCCESS

"I have worked in logistics throughout the world for more than 30 years and I've come across very few teams as dependable as Kanban."

**JUST IN TIME SOLUTIONS**

**KANBAN LOGISTICS**

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