

## ***ArmaKleen Technical Service Report Summary***

**Cleaning Trial Type:** Aqueous

**Industry:** Aerospace Manufacturing

**Segment:** 26 – Fabricated Metal Products

**Soil:** Shop dirt, oil, grime and baked on carbon

**Substrate:** Aluminum

**Description of Part(s):** an assortment of aluminum plates and connectors

**Customer objective:** The customer was looking to improve their cleaning performance, automate their cleaning process and reduce their cleaning costs.

**Cleaner used:** 10% by volume solution of ArmaKleen™ M-100 BCR

**Machine used:** Spray Washer (JRI TL3, JRI FL250, JRI FL500, Better Engineering G-2000)

**Temperature used:** 160°F

**Time required:** 30 minutes to 1 hour

**Post Cleaning:** Fresh rinse followed by air pressure drying. *Several areas of the aluminum plate w/ connectors had the rim edges lightly brushed with a nylon bristle brush during the fresh water rinse.*

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 10% by volume solution of ArmaKleen™ M-100 BCR at 160°F in a Spray Washer for a minimum of 30 minutes to 1 hour.

**Before Picture**



**After Picture**



**Source:** TSR #17-A-089