

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

**Cleaning Trial Type:** Aqueous

**Industry:** Manufacturing of aviation parts

**Segment:** 11 – Airports & Aviation Services

**Soil:** Burnt oil

**Substrate:** Steel, stainless steel and aluminum

**Description of Part(s):** A housing plane component and three rods

**Customer objective:** The customer was looking to recover scrap parts

**Cleaner used:** 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner

**Machine used:** Spray Under Immersion Washer (Graymills T12, Graymills T24, SK Model 81.8 w/SUI)

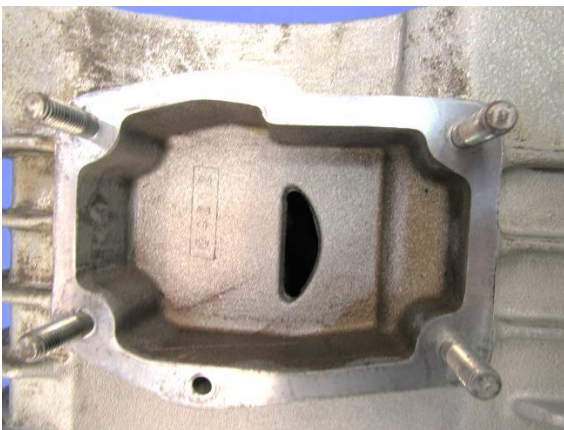
**Temperature used:** 150°F

**Time required:** 8 hours

**Post Cleaning:** Several areas which were heavily soiled, especially corners and interior were lightly brushed with a nylon bristle brush during the fresh water rinse process as well as several of the exterior areas as soil stuck to the textures surface of the part. The process was then followed by air pressure drying .

**Recommendation to Customer:** The ArmaKleen Technical Center recommends using a 5% by volume solution of ArmaKleen™ 4 in 1 Cleaner at 150°F in a Spray-Under Immersion Washer for a minimum of 8+ hours

**Before Picture**



**After Picture**



**Source:** TSR #16-A-069