

View Online at <https://aerobasegroup.com/nsn/4920-01-434-1768>

**End Application:**

F100-pw-229 aircraft engine

**Nominallength:**

28.000 inches

**Nominalwidth:**

28.000 inches

**Nominalheight:**

16.000 inches

**Special Features:**

Mfg noun: fixture, almen test-diffuser case; c/o hub; sst screws; aluminum, anodized; attachment hdw; working surfaces coated with a polymer (prebax) coating

**Functional Description:**

Provides for the partial replacement of a section of the diffuser case aft skirt including the rear outer flange. Repair procedures c/o partial removal of aft outer skirt by machining, sizing of the repair detail, welding the detail to the parent case, a heat treat cycle, and shot peen of the repaired area, test specimens (almen strips) are required to set up and check the shot peen equipment and schedule prior to peening the repaired case

**Reference Data And Literature:**

Serd no. 7986

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A505c0