

AEROSPACE VA/VE CASE STUDY

Application: Aerospace

Part Description: Rotor Clip for Carbon Brake

ORIGINAL PROCESS

- 1) Stamp Flat Blank
- 2) Form
- 3) Form Radius
- 4) Machine 6 holes
- 5) Machine ends of part
- 6) Remove burrs from inside form
- 7) Re-Size inside form
- 8) Apply surface coating

PROCESS AFTER VA/VE

- 1) Stamp Flat Blank (Net Size)
- 2) Form complete with radius
- 3) Apply surface coating

VA/VE Improvement:

- Reduced lead time from 18 weeks to 8 weeks (**10 week improvement**)
- Reduced unit price (**34% price reduction**)

