Awarded a Phase II SBIR to:

- Utilize adiabatic forming technology to obtain near net shape of disks
- Design and build a full size press
- Make actual prototype parts

Progress is not obvious

Seem to be looking for other sources of funding
DAYTON RELIABLE TOOL COMPANY

Awarded a Phase I SBIR to:
- Develop dies for forging disks
- Develop process for forging

Disqualified as a result of being acquired by a large off-shore firm.

Still interested if funding can be found.
RED CONE RESEARCH

Awarded a Phase II SBIR to:

- Design and build a high speed interferometer
- Incorporate interferometer into:
  1. diamond turning mach
  2. CMM for general purpose use

Should be close to finishing

Status unknown
Awarded a Phase II SBIR to:

- Develop a high volume manufacturing process to machine using conventional machinery
- Purchase a twin spindle/twin turret machining center
- Develop full automation of precision machining
- Machinery has been received
- Deadline to finish has been extended by DOE
ZMATION

Awarded a Phase I SBIR to:
- Build a robot that would interact with Robertson’s Mori Seki
- Complete, but robot still at Zmation (due to money issues)

Awarded a Phase II SBIR to:
- Design a cart for “sets: of disks"
- Cart would be “smart"
  1. know where is where
  2. know where it is at
  3. know what is next
ZMATION

CONTINUATION:

- Cart would go to:
  - Robertson
  - DAC
    * heated bath
    * turning machine
  - Assembler
- Cart would pick out of pallet

Interested in a new Phase I SBIR to:
- Perform automated stacking
- Stack without tooling using only vision
Awarded a Phase II SBIR to:

- Build, test, and demonstrate the machine designed in Phase I
- Progressing and forthcoming