

VALUE METHODOLOGY

SELECTION CRITERIA FOR WORKSHOP PROJECTS

- ◆ VM study capable of being completed during the workshop. One way to insure this, is to gather all data available prior to the start of the workshop.
- ◆ Development and implementation cost can be amortized over a small quantity (1 lot) of the remaining units.
- ◆ Payback ration of at least 10 to 1.
- ◆ Hardware Characteristics:
 - Complex designs
 - Outmoded “state of the art” designs
 - Availability of new process or materials
 - Substitution of standard for non-standard parts
- ◆ Testing Requirements:
 - Redundant testing
 - Test sequence improvements
 - High failure rates
- ◆ Problem Fabrication Areas:
 - High rework rate
 - Low yield (scrap)
 - Excessive fabrication/assembly time
 - Combining several parts to simplify assembly
- ◆ Field Maintenance or Operational Problems:
 - High maintenance rates driving large life cycle costs
 - High number of spares required
 - Long repair turn-around time