U.S. Government Revises Shot Peening Specification

U.S. Government Specification MIL-S-13165 "Shot Peening - Metal Parts" has been revised to Version C. This culminates a three-year project by the U.S. Army Laboratory Command, Materials Testing Laboratory, the custodian of this document. Revision B had been in effect since December, 1966.

The revised specification clarifies several areas that were ambiguous and updates the requirement to reflect current shot peening technology. The most notable area includes an option for computer controlled shot peening with extensive process control capability available for:

a) man flight vehicle components
b) components where shot peening is used as part of the design strength of the component

c) components which are considered critical to system success

Other enhancements include definitions of terms, requirement for correlation of tracer removal rate and coverage, more definitive test records for all Almen strip specimens showing machine setting (cycle time, air pressure, flow rate) and additional tables for media sizes.

The outline of the specification is shown below. For a complete copy of MIL-S-13165C: circle Bingo No. 3

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L-S-13165C
MILITARY SPECIFICATION
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