

ANDEC - TIE BOLT TESTER

Automatic Ultrasonic Crack Detector for Tie Bolts on Aircraft Wheels and Brake Housings

Test results are recorded for archiving and traceability of tested tie bolts

Transducers are automatically positioned for each different tie bolt

Tests all ferrous and non-ferrous tie bolts

"Direct Readout"* of test results

Key Advantages of Andec TIE BOLT TESTER:

- Fully automatic computer controlled testing, after operator places bolt in test fixture
- Testing sequence completed in less than 12 seconds
- System calibration needed only once for each bolt type, by a certified level II or III NDT specialist
- Calibration set-up stored in computer memory
- Operator recalls calibration set-up from computer memory before testing of each different bolt type
- Custom made transducers are automatically positioned from recalled set-up to optimum locations for each different bolt, assuring detection of all cracks (not one fixed transducer as in present manual testers)
- "PASS" or "FAIL" display of test results is "Direct Readout"* in accordance with NAS 410 specifications
- With "Direct Readout"*, operator can be trained in 15 minutes and does not need other special skills or knowledge
- Tie bolt data and test results are recorded for archiving and keeping track of each tie bolt, and may be printed on the included colour printer
- Tests ferrous / non-ferrous wheel and brake housing tie bolts
- Bolt cleaning not required

* The owner/user is to decide if the system will be operated as a "Direct Readout" tester

Patent pending



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ADVANCED NDE COMPONENTS

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