

## **Eddy Current defectoscope for production aviation technology .**

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In the bachelor graduation project description given on the design of eddy current flaw detectors and eddy current transformer converts plated with differential inclusion measuring coils.. Reproduced introductory overview of eddy current NDT techniques, its use in the diagnosis of aircraft and the urgency of a developed device. The work was designed and manufactured eddy current converter. A successful research enterprise on standard samples on finding surface and subsurface defects. An output voltage defects known thickness. Documented results. Designed and tested in layout generator sinusoidal signal to operational amplifier circuit and amplifying the signal converter. Written data acquisition program output voltages to a PC-based platform Arduino Uno and Arduino Due