



LEVEL I & II, EDDY CURRENT NDT TRAINING COURSE FOR AIRCRAFT INSPECTION

Reinhart & Associates, Inc. (R&A), an Austin based FAA authorized repair station in NDT, currently provides NDT training in the NDT methods of eddy current testing tailored to the latest and unique requirements of the aviation industry.

This special two week 80 hour combined level I and II course in eddy current testing (ECT, ET) of aircraft has been developed and taught in English or Spanish. This course covers the latest methods, techniques, and equipment used in the aircraft industry to inspect new and aging aircraft. Separate level I or II courses can also be arranged; one week, 40 hours each.

Eddy current is one of the most sensitive and versatile NDT methods and can be used for:

- 1) thickness measurement of nonconductive and conductive coatings and plating
- 2) detection of corrosion and cracks under multiple layers of aircraft skins and structures
- 3) detection of cracks in fasteners and fastener holes
- 4) conductivity measurements to verify heat treatment



Measurement of paint thickness on Boeing 737 aircraft at repair station using digital eddy current thickness meter.

The course includes use of hand held and automated ET probes and single and multifrequency instruments.

Actual aircraft components containing real defects are used in the hands-on training to provide the examiner with a realistic feel for actual working conditions.



ET Level II practical examination using an actual cracked sample, hand held probe, dual frequency ET instrument with phase analysis and procedures; cracks under paint must be detected and analyzed.

Training aids include written textbooks, procedures, videotapes, and the latest in computer based instrumentation.

The R&A program satisfies the requirements of MIL STD 410E, 1991, ASNT SNT-TC-1A, 1996 and ANSI/ASNT CP-189, 1995.

The course is taught by ASNT nationally certified level III examiners/instructors in Austin or San Antonio, Texas or at a client's facility.

Contact Reinhart & Associates, Inc. for rates and schedules:

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