

 <p><b>NCAA</b> NAMIBIA CIVIL AVIATION AUTHORITY</p>	<p><b>REPUBLIC OF NAMIBIA</b></p> <p>NAMIBIA CIVIL AVIATION AUTHORITY</p> <p><b>AERONAUTICAL INFORMATION CIRCULAR</b></p>	<p>Executive Director Namibia Civil Aviation Authority Private Bag 12003 Ausspannplatz WINDHOEK</p>
<p>Tel: +264 61 702082/2203 Fax +264 61 702088</p> <p>e-mail: <a href="mailto:aij@ncaa.na">aij@ncaa.na</a></p>		<p><b>AIC</b></p> <p>Series A</p> <p>64/24</p> <p>06 March 2024</p>

### AIRWORTHINESS

#### MAINTENANCE - AIRCRAFT MAINTENANCE ENGINEERS

#### TRAINING OF SPECIALIST OPERATORS

1. Training of personnel in the various fields of special testing and specialist operations is a matter which needs serious attention but has frequently been overlooked in the past by chief inspectors and senior management of organisations. It may be said that the quality of maintenance is in the majority of cases directly related to special tests and processes called for by the various manufacturers in their maintenance manuals and in other guidance which they may issue from time to time in this regard.
2. It has been found that in many cases, organisations purchase equipment specified by manufacturers as such is considered necessary for normal workshop practice, but without giving thought to the upkeep of such equipment and the training of their personnel in the maintenance and efficient and skilful operation thereof.
3. Therefore, when a person has attended a training course on non-destructive examinations, he/she shall obtain a certificate from the training organisation concerned, stating:
  - 3.1. The NDE method and the total course duration in hours and
  - 3.2. the results of the examinations in the NDE method(s).
4. Furthermore, proficiency also shall be maintained in the use of the various types of inspection aids and processes called for by the manufacturers of aircraft and aircraft products. The Executive Director has ruled that recurrent training shall be carried out every 3 years by an approved facility.
5. "Processes" shall be deemed to include the following:
  - 5.1. Heat treatment of materials.
  - 5.2. Non-Destructive Testing as per Mil-Spec-410 E or ATA specifications as applicable.
    - 5.2.1. Magnetic particle inspections as per the various Mil specifications.
    - 5.2.2. Penetrant inspections as per Mil specifications.
    - 5.2.3. Eddy current inspections as per Mil specifications.

- 5.2.4. X-Ray Inspections.
  - 5.3. Chronic acid anodising as per Mil specifications.
  - 5.4. Cadmium plating (electrodeposited) as per Mil specifications.
  - 5.5. Shotpeening as per Mil specifications.
  - 5.6. Cold rolling as per manufacturer's specifications.
  - 5.7. Chrome plating.
6. The employer must keep record of qualified personnel and when recurrent training is due.