NAMIBIA CIVIL AVIATION AUTHORITY

Tel: +264 61 702082/2203
Fax +264 61 702088

e-mail: aip@ncaa.na

REPUBLIC OF NAMIBIA

NAMIBIA CIVIL AVIATION AUTHORITY

AERONAUTICAL INFORMATION CIRCULAR

Executive Director
Namibia Civil Aviation Authority
Private Bag 12003
Ausspannplatz
WINDHOEK

AIC
Series A
60/24
06 March 2024

AIRWORTHINESS

MAINTENANCE - AIRCRAFT MAINTENANCE ENGINEERS

STUDY MATERIAL FOR CANDIDATES FOR AIRCRAFT MAINTENANCE ENGINEER LICENCES

1. Candidates for Aircraft Maintenance Engineer Licences frequently have difficulty in selecting text-books and study material appropriate to the examinations for which they intend to sit.

2. Airframes and engines.
   2.1. Of the relatively large range of suitable text-books available, the following publications of the Federal Aviation Administration (FAA) of the US Civil Aviation Authority appear to be of particular significance, as these are the documents from which the FAA tests are drawn for their A and P ratings.
      2.1.1. Airframe and Powerplant Mechanics: General Handbook: AC 65-9A.
      2.1.2. Airframe and Powerplant Mechanics: Powerplant Handbook: AC65-12A.
      2.1.3. Airframe and Powerplant Mechanics: Airframe Handbook: AC65-15A.
      2.1.4. Basic theory of the Helicopter by Roger Ratetz. (Aerospatiale) Publisher's no 217.
      2.1.5. Acceptable Methods, Techniques and Practices: Aircraft inspection, repair and alternations: AC43-13-1A, and AC43-13-2.
      2.1.6. EA-TEP-2 Aircraft Turbine Powerplants.
   2.2. Other similar publications of like significance are:
      2.2.1. British Civil Airworthiness Inspections and Procedures CAP 562.
      2.2.2. Aircraft Maintenance and Repair (Northrop Institute of Technology).
      2.2.3. Powerplants for Aerospace Vehicles (Northrop Institute of Technology).
      2.2.4. Aircraft Powerplants (Northrop Institute of Technology).
      2.2.5. Rolls Royce Jet Engines.
      2.2.6. Pratt and Whitney Gas Turbine Engines and their operation.

3. Avionics-aircraft electricity and electronics-aircraft instrument systems - electronics and radio installations.
   3.1. The following publications are available and contain excellent technical material:
      3.1.1. Avionics Fundamentals EA-AV.

3.1.2. Aircraft Electricity and Electronics by Thomas K. Eismin, Ralph D. Bent and James L. McKinley.

3.1.3. Aircraft Instrument Systems EA-AIS.

3.1.4. Basic Electronics and Radio Installation EA-BEM.

3.1.5. Electricity and Electronics for Aerospace Vehicles (Northrop Institute of Technology).

3.1.6. Automotive and Aircraft Electricity by R. Greenwood (Sir Isaac Pitman)

3.1.7. Aircraft Instruments Principles and Applications. Second Addition by E.H.J. Pallett 1 Eng, AMRAeS.