

## **REFERENCE DOCUMENTS FOR AIRCRAFT MAINTENANCE ENGINEERS LICENCE**

### **Paper I**

1. Aircraft Manual
2. Civil Aviation Requirements (Section 2- Airworthiness)
3. Aeronautical Information Circulars (relating to Airworthiness)
4. Airworthiness Advisory Circulars
5. Aircraft Maintenance Engineers' Notices

### **Paper II**

1. Civil Aircraft Inspection Procedures (CAP 459-Part I, Basic)
2. Airframe & Powerplant Mechanics (General Handbook EA-AC 65-9A)
3. Shop Theory by James Anderson Earl E. Tatro
4. Training Manual General Section Book 1 thru 7 by Dale Crane.
5. Aircraft Materials & Processes by Titterton
6. Machine Drawing by AC Parkinsons
7. Advanced Composites (EA-358) by Cindy Foreman
8. Digital Fundamentals by Malvino and Leech
9. Standard Aviation Maintenance Handbook EA-282-0
10. Standard Aircraft Handbook (5th Edition) -Larry Reithmaier

### **PAPER III - AIRFRAME : (LIGHT AEROPLANES)**

1. Airframe and Powerplant Mechanics (AC 65-15A)-Airframe Hand Book
2. Aircraft Materials and Processes by George F.Titterton.
3. Mechanics of Flight By -A.C.Kermode
4. Civil Aircraft Inspection Procedure (CAP 459) Part II Aircraft
5. Aircraft Maintenance and Repair (6th Edi) By Kroes, Watkin and Delp
6. Acceptable Methods, Techniques and practices (FAA)-EA-AC 43.13-1 A&2A
7. Aircraft Construction Repair and Inspection by Joe Christy
8. Light Aircraft Maintenance-by J.E.Heywood
9. Light Aircraft Inspection-by J.E.Heywood
10. Aircraft Electrical Systems-by E.H.J.Pallet
11. Aircraft Instruments-by E.H.J.Pallet
12. Automatic Flight Controls-by E.H.J. Pallet
13. Advanced Composites (EA-358) -by Cindy Foreman
14. Airframe and Powerplant Mechanics (EA-AC 65-9A)-General Hand Book

**PAPER III - AIRFRAME : (HELICOPTERS)**

1. The helicopter and How to Fly-by John Fay
2. Basic helicopter maintenance-by Joseph Schafer (Order No.EA-HF-2) IAP inc.
3. Basic Helicopter Hand Book-by FAA EA AC 61-13B
4. Helicopter Aerodynamics-by R.W.Prouty
5. Aircraft Materials and Processes by George F. Titterton
6. Advanced Composites(EA-358)-by Cindy Foreman
7. Civil Aircraft Inspection Procedure (CAP 459) Part II Aircraft.
8. Rotary Wing Aerodynamics-by W.Z.Stepniewski (Dover Publication Inc)
9. Basic Helicopter Aerodynamics by J.Seddon (BSP Professional Books)
- 10.Aircraft Electrical System-by E.H.J.Pallett
- 11.Aircraft Instruments-by E.H.J.Pallett
12. Automatic Flight Control-by E.H.J.Pallett

**PAPER III - AIRFRAME : (HEAVY AEROPLANE)**

1. Airframe and Powerplant Mechanics(AC 65-15A) -Airframe Hand Book
2. Civil Aircraft Inspection Procedure (CAP 459) Part II Aircraft
3. Advanced Composites(EA-358)-By Cindy Foreman
4. Any Books of Manuals covering all basic systems of Modern Heavy Transport Airplane
5. Aircraft Repair Manual (FAA-AC-43.13)-By Larry Reithmaier
6. Aerodynamics-By Clancey
7. Aircraft Construction Repair and Inspection-By Joe Christy
8. Practical Aircraft Electronics System-by Albert Helfrick
9. Aircraft Materials and Processes-by George F.Titterton
- 10.Mechanics of Flight-by A.C.Kermode
- 11.M. GUILLON:Hydraulic Servo Systems', McGraw-Hill co., New York
12. Aircraft Instruments-by E.H.J.Pallett

**PAPER III - POWER PLANT : (PISTON ENGINES)**

1. Airframe and Powerplant Mechanics (EA-AC 65-12A) -Power Plant Hand Book
2. Power Plant-By Bent and Mckinley
3. Civil Aircraft Inspection Procedure (CAP 459) Part II Aircraft
4. Aircraft Propeller and Controls-by Frank Delp
5. A&P Tecnicians Powerplant Text book- (EA-ITP-P)
6. Aircraft Piston Engines-By Herschel Smith
7. Airframe and Power Plant mechanics-General Hand Book (EA-AC65-9A)

### **PAPER III - POWER PLANT : (TURBINE ENGINES)**

1. IRWINE TREAGER: 'Aircraft Gas Turbine Technology McGraw-Hill Book Company.
2. ROLLS ROYCE LIMITED: 'The Jet Engine' Product Support (Graphics) Limited Derby, England.
3. UNITED TECHNOLOGIES P&W OPER/INSR 200(Latest Edition): 'The Aircraft Gas Turbine Engine and Its Operation' United Aircraft Corporation.
4. Any Books or Manual covering all basic systems of Modern Jet Engine
5. JACK V. CASAMASSA and RALPH D.BENT: 'Jet Aircraft power Systems' - McGrawhill Co..
6. TRAINING NOTES: 'Gas Turbine Engines' Turbomeca, Bordes, France.
7. DALE CRANE and NEAR CARLSON : 'Encyclopaedia for Aviation Technologies' Distributor -The English Book Store, Connaught Circus New Delhi
8. M.GUILLON: 'Hydraulic Servo Systems', McGraw- Hill co., New York
9. JOHN ANDERSON: 'Introduction to Flight', McGraw-Hill Co., New York
10. Civil Aviation Authority: 'Civil Aircraft Inspection Procedure (CAP459) Part-II
11. M.J.KROES, T.W.Wild, R.D.Bent and J.L.McKINLEY; 'Aircraft Power Plants' McGraw-Hill co., New York.
12. FRANK DELP : 'Aircraft Propellers and Controls' Distributor-The English Book Store Cannought Circus, New Delhi
13. E.MANGHAM, A.PEACE : 'Jet Engine Manual', Distributor-The English Book Store, Cannought Circus, New Delhi

### **PAPER III - ELECTRICAL SYSTEM**

1. Electrical Technology-by B.L.Theraja
2. Aircraft Electrical System-by E.H.J.Pallett
3. Basic Electronics-Bemard Grob
4. Digital Computer Fundamentals-by Malvino
5. Micro Electronics Aircraft System- by E.H.J.Pallett
6. Basic Electricity-by Dale Crane
7. Aviation Electronics Vol.I(Every Pilot Guide to Aviation Electronics-by John M.Ferrara -Air and Space Company)
8. Principles of Servo mechanism-by A Typers & R.B.Miles
9. Aircraft Electricity and electronics-by Bent Mekinley and also by Eismen/Bent Mekinley (M.C.Graw Hill Publication)
10. Civil Aircraft Inspection Procedure-Part II
11. Integrated Electronics-Millman and Halkias

### **PAPER III INSTRUMENT SYSTEM**

1. Aircraft Instruments-by E.H.J.Pallett
2. Automatic Flight Control-by E.H.J.Pallett
3. Digital Principles and Applications- by Malvino and Leech

4. Basic Electronic -by Bernard Grob
5. Aircraft Instruments-by C.A.Williams
6. Integrated Electronic-Millman and Halkias
7. Aircraft Engineers hand Book No. 4 Instruments -by R.W.Sloley and W.H.Coulthard
8. Civil Aircraft Inspection Procedure-Part II
9. Electrical Technology-by B.L.Theraja
10. The Mechanism of Inertial Position and Heading Indication by Winston Merkey John Hovorka
11. Principles of Servomechanism-by A Typers and R.B.Miles
12. Aircraft Oxygen System (AMP Technical Publications)-by Robert Scheppler and Dale Crane

### **PAPER III - RADIO COMMUNICATION AND NAVIGATION SYSTEMS**

1. Aircraft Radio System-by J.Powell
2. Electronic Communication System by George Kennedy
3. Integrated Electronics-Millman and Halkias
4. Digital Fundamentals-By Malvino and Leech
5. Avionics System-by Donald & Middleton
6. Manual of Avionics -by Brian Kendal
7. Microelectronics in Aircraft Systems-by E.H.J.Pallett
8. Communication Engineering-by Anner
9. Basic Radio Vol.1 to 4-by M.Trepper
10. Aviation electronics- by Keith W.Bose
11. Aircraft-Electricity and Electronics (5th Edition)-by Thomas K.Eismin
12. Communication Principles Vol.I-Ashok Raj.