



EAST AFRICAN SCHOOL OF AVIATION

ATC COURSE No. 73

FINAL

SUBJECT: AIRCRAFT RECOGNITION AND FLIGHT THEORY

STREAM: ATC COURSE No. 73

Duration: 2 Hrs

DATE: 12/05/2017

TIME 10.15 – 12.15 PM

INSTRUCTION TO CANDIDATES

1. This paper consists of **TWO (2)** Pages
2. Attempt all questions
3. Read and understand all questions before attempting

1. Describe six methods of aircraft identification? **(12 marks)**
2. DEFINE
 - a. Glider
 - b. Aircraft category
 - c. aircraft type
 - d. balloon
 - e. anhedral
 - f. chord line of the wing **(12 marks)**
3. Where may the wings be placed on aircraft? **(6 marks)**
4. State three types of wings **(6 marks)**
5. List places where any engine may be placed on an Aircraft? **(7 marks)**
6. List five types of engines **(10 marks)**
 - a. Explain what Drag on aircraft is?
 - b. List all the types of drag **(12 marks)**
7. List the weight categories of aircraft? **(8 marks)**
8. Explain what you understand by
 - a. The Angle of attack
 - b. Angle of incidence
 - c. Aircraft stalling **(2 marks)**
9. List the factors that affect the attitude of an aircraft. **(6 marks)**