



EAST AFRICAN SCHOOL OF AVIATION
EXAMINATIONS

FINAL EXAM

SAFETY SECTION

SUBJECT: FLIGHT MONITORING

Stream: Flight Dispatch 25

Duration: 2Hrs

DATE: 11/05/17

TIME: 2.00 – 4.00PM

Instructions to Candidate:

- 1. This paper consists of **TWO (2)** pages*
- 2. Answer **ALL** questions*
- 3. Examination rules and regulations should be adhered to.*

STUDENT'S NAME:

STUDENT'S NUMBER:

- 1) Define the following terms as used in FOM **(4Marks)**
 - a) Safety Management System
 - b) Safety
 - c) Risk
 - d) Hazard
- 2) State five objectives of FOM **(5Marks)**
- 3) List five key elements of FOM system **(5Marks)**
- 4) State four areas which airline safety policy will cover **(5Marks)**
- 5) Name five key areas that might call for active change management. **(5Marks)**
- 6) Briefly explain the relationship between flight planning and flight monitoring. **(4Marks)**
- 7) Which ICAO annex is responsible for regulatory requirements concerning accident prevention and flight safety programs? **(2Marks)**
- 8) State at least four roles of FOM manager? **(4Marks)**
- 9) State the meaning of the following emergency transponder codes **(3Marks)**
 - a) 7700
 - b) 7600
 - c) 7500
- 10) List at least ten examples of serious incidents either on ground or in-flight. **(10Marks)**
- 11) Name five Critical weather phenomena which need constant monitoring for safe flight operations **(5Marks)**
- 12) List six communication and tracking systems used to check position of aircraft. **(6Marks)**
- 13) Name six factors that affect fuel consumption in-flight **(6Marks)**
- 14) Alerting services are normally provided to which traffic **(3Marks)**
- 15) Name three roles of senior management in safety policy formulation? **(3Marks)**