



## AIR-CREW

### LECTURE NOTES

Read these notes carefully, and keep them handy for reference. They contain the substance of your training lectures, and will save you much laborious note-writing. Make good use of the time and energy thus gained, so that you may add to your own and R.A.F. efficiency.

Number 3941799

Rank A 2

Name MOSS H

Status (not air)

These notes are FOR OFFICIAL USE ONLY; they are not to be disseminated to the press outside the service, nor to be taken into the air.

# PREFACE

## TO THE AIR-CREW CADET'S PRINTED LECTURE-NOTE FOLDER

*This folder contains the lecture notes you will use during pre-flying training; it may also contain some notes you will not require to use until a later training stage.*

*The notes are your own property while you are engaged in air-crew duties. Keep the folder handy, because later on more notes will be given to you to add to it.*

*If you go by ship from one training school to another, pack the notes with your kit 'to be used on the voyage'. During sea training time, lectures, discussions and practices will take place that will call for use of the notes.*

### PRE-FLYING TRAINING SYLLABUS

SUBJECTS TAUGHT	OBJECTS OF TEACHING
1. Anti-Gas ... ..	(i) To provide an outline of gas-warfare (ii) to show how to achieve full protection against war gases (iii) to stress the importance of looking after anti-gas equipment.
2. Aircraft Recognition ... ..	To make cadets familiar with the principal types of allied and enemy aircraft. <i>No notes are issued for this subject.</i>
3. Armament ... ..	(i) To teach cadets handling precautions, routine maintenance and efficient use of firearms (ii) to train them so that they may if necessary use firearms in ground defence.
4. Drill and Physical Training ... ..	(i) To improve smartness and quicken reactions (ii) to train potential officers and N.C.Os to handle men (iii) to teach standard drill movements (iv) to promote physical fitness. <i>No lecture notes are issued for this subject.</i>
5. Engines ... ..	To outline what happens inside aero-engines when controls are manipulated, and to show that there are right and wrong ways of using these controls.
6. Hygiene and Sanitation ... ..	(i) To increase air-crew efficiency by showing how to keep fit (ii) to show that special precautions must be taken when campaigning abroad.
7. Law and Discipline, Administration and Organization ... ..	To outline service procedure, and to give cadets sufficient knowledge of service matters and routine to help them understand the many problems they will meet when under training and during their service as officers and N.C.Os.

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SUBJECTS TAUGHT	OBJECTS OF TEACHING
8. Mathematics ... ..	(i) To provide a sound knowledge of the mathematics needed to carry out duties in the air (ii) to improve speed, accuracy and neatness in working examples (iii) to practise rapid mental approximations and checks, which are of such importance in air-crew work.
9. Meteorology ... ..	(i) To introduce cadets to the medium in which they will operate (ii) to enable them to discuss weather information with meteorological staffs, and to bring back flight-reports that will be of value to others.
10. Navigation ... ..	(i) To outline the methods used in navigating an aircraft (ii) to practise star recognition, map-reading and elementary D.R. problems (iii) to instil a habit of making quick mental checks.
11. Principles of Flight ... ..	To describe the manner in which aircraft fly and are controlled.
12. Signals ... ..	(i) To make cadets competent to send and receive Morse-code messages accurately by day and by night, in adverse as well as in good conditions (ii) to describe how the R.A.F. signals service is organized and the facilities it offers (iii) to give practice in wireless procedure.

*No notes are issued for this subject before flying training begins.*

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