

SAULT COLLEGE  
of Applied Arts and Technology  
Sault Ste. Marie

COURSE OUTLINE

AIR REGULATIONS, AIR  
TRAFFIC RULES AND PROCEDURES  
AVT 100-6e

revised January, 1981

TEXTS: Aeronautical Information Publication (A.I.P.) - Canada -  
Transport Canada

Air Regulations and Aeronautics Act - Transport Canada

Air Navigation Orders - Transport Canada

Study and Reference Guides

Air Regulations and Aeronautics Act - Transport Canada

Air Navigation Orders - Transport Canada

Class II NOTAMS - Transport Canada

Flight Training Manual - 3rd Edition - Transport Canada

Study Questions for Private Pilots - Transport Canada -  
2nd Edition 1977

VFR Chart Supplement - Transport Canada

Sample Examination for Private Pilots Licence -  
Transport Canada - 5th Edition, May, 1974

Private Pilot Study Guide - Pultz

M.O.T. letter re: Aircraft Serviceability & Documentation

Examination Guide for Private Pilots - Revised 79-80 -  
Continental Aerographics Inc.

GENERAL OBJECTIVES:

The objectives of this course is to ensure the aviation student is fully familiar with the regulations, procedures and aeronautical information contained in the texts so that he may:

- (a) successfully complete the Ministry of Transport examinations
- (b) apply this knowledge intelligently to flight operations.

<u>Topic No.</u>	<u>Periods</u>	<u>Topic Description</u>	<u>Reference</u>
1	1	Air Regulations	Air Regulations and Aeronautics Act Part 1, through 8 A.I.P. Canada
2	1	Air Navigation Orders	Air Navigation Orders Series 1,2,3,4,5 A.I.P. Canada
3	1	General, Aerodromes	A.I.P. Canada - Gen VFR Chart Supplement
4	1	Communications	A.I.P. Canada - COM
5	3	Rules of the Air and Air Traffic Services	A.I.P. Canada - RAC
6	1	Search and Rescue	A.I.P. Canada - SAR
7	1	Licensing, Registration and Airworthiness	A.I.P. Canada - LRA -Transport Canada letter re: A/C serviceability and documentation -sample documents
8	1	Airmanship	A.I.P. Canada - AIR
9	1	Notams Aeronautical Information Circulars	A.I.P. Canada - Map - Notam - AIC
10	1	Examination (SPCR)	
11	1	Private Pilot Examination	

## SPECIFIC OBJECTIVES

### 1. Air Regulations

The student is required to be fully familiar with:

- (a) the definitions and terminology described in Part 1
- (b) aircraft registration, certification and markings
- (c) aerodrome regulations
- (d) personnel licencing regulations
- (e) rules of the air - general
  - VFR
  - IFR
  - lights and visual signals
- (f) air traffic control regulations
- (g) miscellaneous provisions including certificates, licences, manuals logs and records, aircraft accident investigation and transitional procedures
- (h) aeronautics act

### 2. Air Navigation Orders

The student is required to be fully familiar with:

- (a) ANO series 1 - Communications Standards & Procedures
- (b) ANO series 2 - Registration, Certification and Marking
- (c) ANO series 3 - Aerodromes
- (d) ANO series 4 - Personnel Licencing
- (e) ANO series 5 - Rules of the Air

### 3. General, Aerodromes

The student is required to be fully familiar with:

- (a) general - aeronautical terms
  - abbreviations
  - time zones
  - units of measurement
  - conversions
  - Nationality and registration marks
- (b) aerodromes - aerodrome administration
  - design criteria
  - Visual aids
  - lighting
  - military arrestor cables
  - maintenance
  - Emergency services
  - Bird hazard control
  - Regulatory information

4. Communications

The student is required to be fully familiar with:

- (a) Areas of responsibility
- (b) Radio Navigation Aids
- (c) Mobile Service - language
  - phonetic alphabet and morse code
  - numbers
  - call signs
  - Emergency communications

5. Rules of the Air and Air Traffic Services

The student is required to be fully familiar with:

- (a) General rules and services
- (b) Airspace - requirement and procedures
- (c) Flight planning
- (d) Airport operations
- (e) VFR enroute procedures

6. Search and Rescue

The student is required to be fully familiar with:

- (a) Responsible authority
- (b) Flight planning as it affects S & R
- (c) Emergency locator transmitter (ELT)
- (d) Emergency assistance
- (e) Safety promotion and investigation

7. Licensing, Registration and Airworthiness

The student is required to be fully familiar with:

- (a) Aircraft licensing and registration procedures and documentation
- (b) Aircraft airworthiness requirements and documentation
- (c) Pilot licensing procedures and privileges

8. Airmanship

The student is required to be fully familiar with:

- (a) flight operations
- (b) flight preparation and ground operations including medical factors

9. NOTAMS, Aeronautical Information Circulars

The student is required to be fully familiar with:

- (a) NOTAM - distribution
  - criteria for issue
  - summaries
  - format
  
- (b) Aeronautical Information Circulars - purpose
  - distribution