

#22

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: AIR FLIGHT TRAINING III

CODE NO.: AFT 205-9

SEMESTER: FIVE (5)

PROGRAM: AVIATION TECHNOLOGY (FLIGHT)

AUTHOR: B. GOVETT

DATE: JULY 1991

PREVIOUS OUTLINE DATED: JUNE 1986

APPROVED:

DEAN

*J.P. Crozette*

DATE

*9/09/06*

- I. Have a valid CPL with a night endorsement.
- II. Have successfully passed all the college Flight Theory Tests.
- III. TOPICS TO BE COVERED: are toward study and completion of:
  - 1) Navigation, Meteorology, Theory of Flight, Aircraft Design, Airframes and Engines, and Instruments.
  - 2) Preparatory Lessons 1 to 11 as indicated in the AFT Flight Training Manual.

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TOTAL CREDIT HOURS \_\_\_\_\_

PREREQUISITE(S): Valid CAT 1 Medical as required, Satisfactorily completed Air Flight Training II and holding a Valid PPL.

**I. PHILOSOPHY/GOALS:**

Upon completion of this course the student shall exhibit competencies in the following area:

- Aircraft Operation - The student shall be able to operate a light single engine aircraft and a heavier single engine aircraft proficiently and safely throughout the entire flight envelope.
- The student shall be able to operate a single engine aircraft proficiently and safely at night.
  - The student shall be able to operate a single engine aircraft proficiently and safely by reference to instruments only.

**II. STUDENT PERFORMANCE OBJECTIVES:**

Upon successful completion of this course the student will:

- 1) Have a valid PPL with a Night Endorsement.
- 2) Have successfully passed all the college Flight Progress Tests.

**III. TOPICS TO BE COVERED:** are toward study and completion of CPL.

- 1) Navigation, Meteorology, Theory of Flight, Air Regulations, Airframes and Engines, and Instruments.
- 2) Preparatory Lessons 1 to 25 as indicated in the MOT Flying Training Manual.

IV. LEARNING ACTIVITIES

Navigation  
Meteorology  
Theory of Flight  
Air Regulations  
Air Frames and Engines  
Instruments

Preparatory Lessons  
1 through 25

REQUIRED RESOURCES

A continuation and review of  
previous lessons and "From  
The Ground Up"

MOT Flying Training Manual

b) Unscheduled power checks at the request of an  
instructor.  
c) Scheduled at 1000 ft and 1500 ft.  
Distances will be indicated by "S" - Series 1 only, "U" -  
Unscheduled, and "X" - Incomplete (not to be used for  
scheduled flights).

REQUIRED STUDENT RESOURCES

Flying Training Manual - Transport Canada  
Aircraft Handling Manual - Manufacturer  
Canada Flight Equipment - Transport Canada  
Aeronautical Information Publication - Transport Canada

VII. ADDITIONAL REFERENCE MATERIAL AVAILABLE IN THE  
CONCORD LIBRARY:

Book Section (AUTHOR, PUBLISHER, EDITION, DATE, SPAN)  
(CALL NUMBER IS APPLICABLE - SEE ATTACHED  
EXAMPLE)

Periodical Section (MAGAZINE, ARTICLES)

Audiovisual Section (FILM, MICROFILM, TRANSPARENTS)

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V. **EVALUATION METHODS:** (INCLUDES ASSIGNMENTS, ATTENDANCE REQUIREMENTS, ETC.)

The student shall be assessed by:

- a) Progress write-ups by the instructor following each dual flight.
- b) Unscheduled progress flight checks at the request of an instructor.
- c) Scheduled progress flight and flight simulator checks.

Grades will be indicated by "S" - Satisfactory, "U" - Unsatisfactory or, "S" - Incomplete (not to be used for semester final.)

VI. **REQUIRED STUDENT RESOURCES**

Flying Training Manual - Transport Canada

Aircraft Handling Manual - Manufacturer

Canada Flight Supplement - Transport Canada

Aeronautical Information Publication - Transport Canada

VII. **ADDITIONAL RESOURCE MATERIALS AVAILABLE IN THE COLLEGE LIBRARY:**

Book Section (TITLE, PUBLISHER, EDITION, DATE, LIBRARY CALL NUMBER IF APPLICABLE - SEE ATTACHED EXAMPLE)

Periodical Section (MAGAZINES, ARTICLES)

Audiovisual Section (FILMS, FILMSTRIPS, TRANSPARENCIES)

VIII. SPECIAL NOTES

Students with special needs (eg. physical limitations, visual impairments, hearing impairments, learning disabilities) are encouraged to discuss required accommodations confidentially with the instructor.

Your instructor reserves the right to modify the course as he/she deems necessary to meet the needs of students.

COURSE OUTLINE

COURSE TITLE: AIR FLIGHT TRAINING I

COURSE NO.: 10101 SEMESTER: FSP (1)

PROGRAM: AVIATION TECHNICIAN (FLIGHT)

AUTHOR: P. ROY

DATE: JULY 1977 PREVIOUS OUTLINE DATED: JUNE 1965

APPROVED: *[Signature]* DATE: *[Signature]*