

#16

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ON

COURSE OUTLINE

COURSE TITLE: AIR FLIGHT TRAINING IV

CODE NO.: AFT 225-9

SEMESTER: SIX (6)

PROGRAM: AVIATION TECHNOLOGY (FLIGHT)

AUTHOR: B. GOVETT

DATE: JULY 1991

PREVIOUS OUTLINE DATED: JUNE 1986

APPROVED:

DEAN

B. Govett

DATE

9/10/91

AIR FLIGHT TRAINING IV

AFT 225-9

COURSE NAME

CODE NO.

TOTAL CREDIT HOURS _____

PREREQUISITE(S): Valid CAT I Medical
Satisfactorily completed Air Flight Training III
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 single engine aircraft VERY proficiently and safely throughout the entire flight envelope.
- The student shall be able to operate and navigate 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 successfully passed all the college Flight Progress Tests
- 2) Have successfully passed the Transport Canada Commercial Flight Test.

III. TOPICS TO BE COVERED: are towards 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

REQUIRED RESOURCES

Navigation
Meteorology
Theory of Flight
Air Regulations
Airframes and Engines
Instruments

A consolidation and review
of all previous lessons and
"From The Ground Up" in
preparation for the Commercial
Pilot Flight Test

Preparatory Lessons
1 through 25

MOT Flying Training Manual

REQUIRED STUDENT RESOURCES:

Flying Training Manual - Transport Canada

Airport Building Manual - Transport Canada

Canada Flight Supplement - Transport Canada

Low Altitude Charts - Transport Canada

Canada Air Pilot - Transport Canada

Essential Information - Transport Canada

VII. ADDITIONAL ASSIGNED MATERIALS AVAILABLE IN THE
COLLEGE LIBRARY:

Book Section (Title, Publisher, Edition, Date, Company)
CITE NUMBER IF AVAILABLE - SEE ATTACHED

Periodical (Title, Magazine, Articles)

Audiovisual (Section, Films, Videotapes, Transparencies)

AIR FLIGHT TRAINING IV

AFT 225-9

COURSE NAME

CODE NO.

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) Transport Canada Commercial Flight test.

Grades will be indicated by "S" - Satisfactory, "U" - Unsatisfactory or "X" - Incomplete (not to be used for semester final except as a temporary measure if flight testing not completed due to weather, etc.)

VI. REQUIRED STUDENT RESOURCES

Flying Training Manual - Transport Canada

Aircraft Handling Manual - Manufacturer

Canada Flight Supplement - Transport Canada

Low Altitude Enroute Charts - Transport Canada

Canada Air Pilot - 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: AVIATION TECHNOLOGY (FLIGHT)
COURSE NO.: 272
PROGRAM: AVIATION TECHNOLOGY (FLIGHT)
AUTHOR: C. R. HARRIS
DATE: 1991
PREVIOUS EDITION DATED: 1986
APPROVED: [Signature] DATE: 9/15/91