

Program of Instruction

Course Syllabus

Course Title: S-270 Basic Air Operations

Course Duration: 16 hours

Program: Wildland Firefighting

Course Prerequisites

None

Course Description

This course covers aircraft types and capabilities, aviation management and safety for flying in and working with agency aircraft, tactical and logistical uses of aircraft, and requirements for helicopter take-off and landing areas. Note: The regulations, procedures and policies addressed in this course are primarily those governing federal agency and ICS operations. State, county, or other political subdivisions using this course will need to consult their agency having jurisdiction with respect to regulations, procedures and policies.

Course Requirements and/or Recommendations

Summary of Directions

Pre-Course Work:

Read the Basic Aviation Safety publication (NFES 2097)

training.nwcg.gov/pre-courses.html

Course Work: None

Post-Course Work:

Students must obtain 70% or higher on the final exam to receive a certificate of completion for this course.

Reference List:

S-270 Basic Air Operations Student Workbook

Basic Aviation Safety (NFES 2097)

Interagency Helicopter Operations Guide (IHOG) (NFES 1885)

Incident Response Pocket Guide (IRPG) (NFES 1077)

Course Policies:

Attendance Policy: IFSI requires students to attend (100%) or make up all course content that leads to certification. Students are expected to attend on time and to remain in class for the duration of the course. Students **MUST COMPLETE** all portions of a certification course, both classroom and practical, to be eligible to receive their certification.

If a student misses any portion of class with an accumulated absence of 20% or less of scheduled class time, it will be the student's responsibility to arrange the make-up of the missed course content with the instructor(s) or program manager. The student must make up the specific course content that s/he missed, not just the hours. Make-ups are limited to 20% of scheduled class time. Make-ups must be documented on the class roster. If a student's absence is greater than 20% refer to "True Emergences" section of the IFSI Examination Policy.

Safety Policy: Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

Grading Policy: Decisions regarding certificates of course completion shall be made solely by the lead instructor of the course. All grading of exams shall be conducted by the Curriculum/Testing Office. All grading of practical exercises shall be based upon the standards set by the regulatory agency referenced in the course material and IFSI.

American Disabilities Act: As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

Evaluation Strategy: *Example:* Students will be evaluated with an end of course exam, and performance evaluation checklist.

Course Content:

Unit 0: Introduction

Unit 1: Aircraft Types and Capabilities

Unit 2: Aviation Management and Safety

Unit 3: Aircraft Missions

Unit 4: Helicopter Operations

Final Exam

Course Schedule

DAY ONE

<u>Event</u>	<u>Duration</u>
Unit 0 – Introduction	1/2 hour
Unit 1 – Aircraft Types and Capabilities	3 hours
Lunch	
Unit 2 – Aviation Management and Safety	4 ½ hours

DAY TWO

<u>Event</u>	<u>Duration</u>
Unit 3 – Aircraft Missions	4 hours
Lunch	
Unit 4 – Helicopter Operations	3 hours
Final Exam	1 hour
