

Course Competency

ATF 2210 Commercial Pilot Flight

Course Description

This course provides pilot training required to allow the student to safely conduct flight as a Commercial Pilot. The training will be conducted in accordance with FAR Part 141 and in concert with stages 5 and 6 of the Jeppesen Sanderson Instrument/ Commercial Syllabus. Upon satisfactory completion of this course, the FAA written exam, and FAA practical exam the student will receive an FAA Commercial Rating. A Class 1 Medical Certificate with Instrument Rating are required. Special fee. (3 hr. lecture)

Course Competency	Learning Outcomes
<p>Competency 1:The student will demonstrate the ability to act as a commercial pilot by effectively manipulating the controls of a complex and/or multi-engine aircraft, performing the following procedures and/or maneuvers within the FAA Commercial Pilot Practical Test Standards (PTS):</p>	<ol style="list-style-type: none"> 1. Critical thinking 2. Communication 3. Computer / Technology Usage
<ol style="list-style-type: none"> a. Identifying preflight preparation b. Identifying Preflight procedures c. Managing Airport operations d. Analyzing Takeoffs, landings, and go-arounds Performing Performance maneuvers e. Ground reference maneuvers: <ol style="list-style-type: none"> 1. Navigation 2. Emergency operations Multiengine operations 3. High-altitude operations 4. Post-flight procedures 	
<p>Competency 2:The student will demonstrate the required knowledge and understanding based on the ability to safely:</p>	<ol style="list-style-type: none"> 1. Critical thinking 2. Communication 3. Computer / Technology Usage
<ol style="list-style-type: none"> a. Performing the required areas of operation (listed above) within the published standards. b. Demonstrating mastery of the aircraft with the successful outcome of each task performed. 	

<ul style="list-style-type: none"> c. Exhibiting satisfactory proficiency and competency within the approved standards. d. Practicing sound judgment and aeronautical decision making (ADM) skills. e. Demonstrating single-pilot competence. 	
<p>Competency 3: The student will demonstrate the ability to produce reasoned, critical responses to common aeronautical situations in commercial flight operations by:</p>	<ul style="list-style-type: none"> 1. Communication 2. Critical thinking 3. Computer / Technology Usage
<ul style="list-style-type: none"> a. Making a competent “go-no-go” decision based on available weather, terrain, performance, regulations, and pertinent operational information for the flight. b. Planning and explaining a cross-country flight using real-time weather to the first fuel stop and computations based on maximum allowable passenger, baggage and/or cargo loads. c. Demonstrating reasoned, decisive procedures to be implemented in case of system and/or equipment malfunctions appropriate to the airplane used in training during commercial operations with emphasis on procedures required while carrying passengers and/or cargo. d. Making competent decisions, representative of a commercial pilot, related to daily commercial operations including, but not limited to, adding, removing, shifting weight (such as passengers or baggage), and determining if the weight and center of gravity of the aircraft will remain within limits during all phases of flight. 	

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