

# Standards Correlations

## Aircraft Pilot Training I (8731)

Task	SOL Correlations
<b>Demonstrating Personal Qualities and Abilities</b>	
Demonstrate creativity and innovation.	English: 6.1, 6.3, 6.4, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 8.2, 8.4, 8.6, 8.7, 8.11, 8.12, 8.17, 8.18, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, AII.9, COM.1, COM.3, COM.4, COM.5, COM.8, DM.7, DM.1*, DM.10, DM.2*, DM.3*, PS.3*, PS.4*, PS.7*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1
Demonstrate critical thinking and problem solving.	English: 6.1, 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.5, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.5, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.10, 6.11, 7.2, 7.3, 7.8, 7.12, 7.13, 8.2, 8.4, 8.8, 8.9, 8.10, 8.11, A.8, A.9, G.1, G.13, G.14, AFDA.3, AFDA.5, AFDA.8, AII.9, AII.10, AII.11, COM.1, COM.3, COM.4, COM.5, COM.8, DM.4, DM.7, DM.1*, DM.2*, DM.3*, DM.9*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1

Demonstrate initiative and self-direction.	English: 6.1, 6.4, 6.6, 6.7, 6.9, 7.1, 7.4, 7.6, 7.7, 7.9, 8.1, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1
Demonstrate integrity.	English: 6.1, 7.1, 8.1, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1
Demonstrate work ethic.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1
<b>Demonstrating Interpersonal Skills</b>	
Demonstrate conflict-resolution skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.4, 8.6, 8.7, 8.9, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, VUS.1
Demonstrate listening and speaking skills.	English: 6.1, 6.2, 6.4, 6.6, 7.1, 7.2, 7.4, 7.6, 8.1, 8.2, 8.4, 8.6, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1
Demonstrate respect for diversity.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, USII.9, VUS.1, VUS.13, WG.1, WHI.1, WHII.1
Demonstrate customer service skills.	English: 6.1, 6.4, 6.7, 7.1, 7.4, 7.7, 8.1, 8.4, 8.7, 9.1, 9.5, 9.6, 10.1, 10.5, 10.6, 11.1, 11.5, 11.6, 12.1, 12.5, 12.6 History and Social Science: CE.1, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1
Collaborate with team members	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1

<b>Demonstrating Professional Competencies</b>	
Demonstrate big-picture thinking.	English: 6.1, 6.4, 7.1, 7.4, 8.1, 8.4, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.4, CE.12, GOVT.1, GOVT.15, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1
Demonstrate career- and life-management skills.	English: 6.1, 6.7, 7.1, 7.7, 8.1, 8.7, 9.1, 9.6, 10.1, 10.6, 11.1, 11.6, 12.1, 12.6 History and Social Science: CE.1, CE.4, CE.12, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 8.4
Demonstrate continuous learning and adaptability.	English: 6.1, 6.4, 6.7, 6.9, 7.1, 7.4, 7.7, 7.9, 8.1, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.3, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: BIO.1, CH.1, LS.1, PH.1, PH.4, PS.1
Manage time and resources.	English: 6.1, 6.2, 6.4, 6.7, 6.9, 7.1, 7.2, 7.4, 7.7, 7.9, 8.1, 8.2, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 8.4, 8.11, 8.12, 8.13, 8.14, 8.17, 8.18, A.4, A.5, A.8, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, COM.1, COM.3, COM.5, COM.8
Demonstrate information-literacy skills.	English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.9, 9.2, 9.5, 9.6, 9.8, 10.2, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.8, 7.9, 8.11, 8.12, A.8, A.9, AFDA.3, AFDA.4, AFDA.6, AFDA.7, AFDA.8, DM.8, PS.1*, PS.2*, PS.3*, PS.4*, PS.7*,

	PS.8*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1
Demonstrate an understanding of information security.	English: 6.1, 6.2, 6.3, 6.4, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.5, 9.6, 9.8, 10.1, 10.2, 10.5, 10.6, 10.8, 11.1, 11.2, 11.5, 11.6, 11.8, 12.1, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: COM.10
Maintain working knowledge of current information-technology (IT) systems.	English: 6.1, 6.3, 6.4, 6.6, 6.9, 7.1, 7.3, 7.4, 7.6, 7.9, 8.1, 8.3, 8.4, 8.6, 8.9 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 7.8, COM.1, COM.2, COM.7, COM.9, COM.10, COM.11, COM.16, COM.18, PS.17 Science: BIO.1, CH.1, ES.1, PH.1
Demonstrate proficiency with technologies, tools, and machines common to a specific occupation.	History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.9, 8.4, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AII.4, AII.7, AII.9, COM.1, COM.7, COM.10, COM.11, COM.12, COM.16 Science: CH.1, ES.1, LS.1, PH.1, PS.1
Apply mathematical skills to job-specific tasks.	English: 6.4, 6.6, 6.7, 7.4, 7.6, 7.7, 8.4, 8.6, 8.7, 9.5, 9.6, 10.5, 10.6, 11.5, 11.6, 12.5, 12.6 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.5, 6.6, 6.12, 6.13, 6.14, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.11, 7.12, 7.13, 8.4, 8.5, 8.6, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, A.1, A.3, A.4, A.5, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AFDA.8, AII.3, AII.7, AII.9, AII.10, COM.1, COM.7 Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1
Demonstrate professionalism.	English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1,

	VUS.1, WG.1, WHI.1, WHII.1
Demonstrate reading and writing skills.	English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: 6.1, PH.1, PS.1
Demonstrate workplace safety.	English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1
<b>Examining All Aspects of an Industry</b>	
Examine aspects of planning within an industry/organization.	History and Social Science: GOVT.16
Examine aspects of management within an industry/organization.	
Examine aspects of financial responsibility within an industry/organization.	
Examine technical and production skills required of workers within an industry/organization.	
Examine principles of technology that underlie an industry/organization.	
Examine labor issues related to an industry/organization.	History and Social Science: GOVT.16
Examine community issues related to an industry/organization.	History and Social Science: GOVT.16
Examine health, safety, and environmental issues related to an industry/organization.	History and Social Science: GOVT.16
<b>Addressing Elements of Student Life</b>	

Identify the purposes and goals of the student organization.	
Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult.	
Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects.	
Identify Internet safety issues and procedures for complying with acceptable use standards.	
<b>Exploring Work-Based Learning</b>	
Identify the types of work-based learning (WBL) opportunities.	
Reflect on lessons learned during the WBL experience.	
Explore career opportunities related to the WBL experience.	
Participate in a WBL experience, when appropriate.	
<b>Examining the Forces that Act on Aircraft</b>	
Describe the aerodynamic forces acting on an aircraft during flight.	English: 11.5, 12.5 Mathematics: MA.1, MA.3, MA.4, MA.5, MA.7
Explain Bernoulli's principle.	English: 11.5, 12.5 Mathematics: AII.3, AII.7, MA.1, MA.3, MA.4, MA.5, MA.7, MA.10
Explain center of gravity as it relates to aircraft.	English: 11.5, 12.5
Define <i>longitudinal stability</i> .	English: 11.3, 11.5, 12.3, 12.5

Describe airfoil, center of pressure, and mean camber line.	English: 11.5, 12.5 Mathematics: AII.3, AII.7, MA.7
Explain airspeed, air density, lift, and drag as related to the aircraft.	English: 11.5, 12.5
Explain the importance of planform design as related to the overall aerodynamic characteristic of a wing.	English: 11.5, 12.5
Describe aircraft flight controls.	English: 11.5, 12.5
Describe the relationship among lift, drag, thrust, weight, and stall.	English: 11.5, 12.5
Explain torque effect.	English: 11.5, 12.5 Mathematics: T.6, MA.7
Explain stability and controllability.	English: 11.5, 12.5
Describe stalls and spins.	English: 11.5, 12.5
Explain steady-state climb and flight.	English: 11.5, 12.5
Explain how an aircraft turns.	English: 11.5, 12.5 Mathematics: MA.7
Explain airfoil design, pressure distribution, and the effects of altitude.	English: 11.5, 12.5 Mathematics: AII.1, AII.3
Describe the three axes of an aircraft.	English: 11.5, 12.5
Describe limitation factors in various aircraft designs.	English: 11.5, 12.5 Mathematics: AII.7
Explain aircraft design.	English: 11.5, 12.5
Describe leading-edge devices.	English: 11.5, 12.5

Explain the operation of a stabilator.	English: 11.5, 12.5
Explain characteristics, forces, and principles related to the AOA.	English: 11.5, 12.5 Mathematics: AII.3, AII.6, AII.7, MA.1
Describe the purpose of the stabilizer.	English: 11.5, 12.5
Describe various types of static stability as related to aircraft.	English: 11.5, 12.5
Describe the purpose and operation of wing spoilers.	English: 11.5, 12.5
Explain lift-to-drag ratio.	English: 11.5, 12.5 Mathematics: T.6, MA.3, MA.7
Explain ice formation on an aircraft.	English: 11.5, 12.5
Describe wake turbulence characteristics and avoidance techniques.	English: 11.5, 12.5
Explain ground effect on aircraft performance.	English: 11.5, 12.5
Describe effects on airspeed during a turn.	English: 11.5, 12.5 Mathematics: MA.7
Explain load factor.	English: 11.5, 12.5
Explain the effect of airspeed.	English: 11.5, 12.5 Mathematics: AII.3
<b>Examining Aircraft Instruments, Components, Systems, and Performance</b>	
Identify gyroscopic aircraft instruments.	English: 11.5, 12.5
Describe various types of altitude as related to aircraft.	English: 11.5, 12.5
Interpret altimeter readings and settings.	English: 11.5, 12.5
Interpret information on a Horizontal Situation Indicator	English: 11.5, 12.5

(HSI).	
Interpret readings on a turn-and-slip indicator.	English: 11.5, 12.5
Define terms related to airspeed.	English: 11.5, 12.3
Describe indicating systems.	English: 11.5, 12.5
Interpret speed indicator readings.	English: 11.5, 12.5
Explain the effect of temperature changes on the altimeter.	English: 11.5, 12.5
Describe altimeter settings and setting procedures.	English: 11.5, 12.5
Explain the importance of accurate altimeters.	English: 11.5, 12.5
Explain airspeed as it relates to aircraft performance.	English: 11.5, 12.5
Describe the operation of a propeller.	English: 11.5, 12.5
Describe fixed-pitch propellers.	English: 11.5, 12.5
Describe V-speeds.	English: 11.5, 12.5
Explain the use of turn-and-slip indicators and turn coordinators in basic instrument flying.	English: 11.5, 12.5
Explain the operation of a magnetic compass.	English: 11.5, 12.5
Describe the pitot-static system.	English: 11.5, 12.5
Describe an aircraft's pneumatic system.	English: 11.5, 12.5
Explain the effects of carburetor heat.	English: 11.5, 12.5
Describe factors that cause carburetor ice.	English: 11.5, 12.5
Describe effects of carburetor ice.	English: 11.5, 12.5
Describe the reciprocating engine.	English: 11.5, 12.5
Explain the process of controlling engine temperature.	English: 11.5, 12.5
Explain powerplant operation.	English: 11.5, 12.5
Explain turbine engine operation.	English: 11.5, 12.5

Explain turboprop engine operation.	English: 11.5, 12.5
Describe the fuel system.	English: 11.5, 12.5
Describe aircraft fuel.	English: 11.5, 12.5
Describe detonation in aircraft engines.	English: 11.5, 12.5
Describe the fuel-air mixture.	English: 11.5, 12.5
Describe precautions related to aircraft fuel.	English: 11.5, 12.5
Describe fuel additives.	English: 11.5, 12.5
Explain the fuel-dump system.	English: 11.5, 12.5
Describe concerns related to fuel system malfunctions and leaks.	English: 11.5, 12.5
Describe fuel-load concerns.	English: 11.5, 12.5
Describe the fire-extinguishing system.	English: 11.5, 12.5
Describe aircraft landing gear.	English: 11.5, 12.5
Describe the aircraft brake system.	English: 11.5, 12.5
Describe aircraft circuitry.	English: 11.5, 12.5
Describe the aircraft electrical system.	English: 11.5, 12.5
Describe aircraft batteries.	English: 11.5, 12.5
Identify equipment that depends on the electrical system.	English: 11.5, 12.5
Explain the aircraft pressurization system.	English: 11.5, 12.5
Describe anti-icing and de-icing.	English: 11.5, 12.5
Explain environmental control in aircraft.	English: 11.5, 12.5
Explain the oil system.	English: 11.5, 12.5
Explain hydraulic systems.	English: 11.5, 12.5
Describe fuel tanks.	English: 11.5, 12.5
<b>Understanding Airport Operations</b>	

Describe airport landing indicators.	English: 11.5, 12.5
Describe information on an airport diagram.	English: 11.5, 12.5
Describe land and hold short operations (LAHSO).	English: 11.5, 12.5
Describe airport markings, signs, and lighting.	English: 11.5, 12.5
Explain noise-avoidance routes.	English: 11.5, 12.5
Identify rescue and firefighting vehicles and firefighting agents.	English: 11.5, 12.5
Describe runway conditions.	English: 11.5, 12.5
Describe runway lighting.	English: 11.5, 12.5
Describe traffic pattern procedures and communication procedures.	English: 11.5, 12.5
Describe visual glide path indicators.	English: 11.5, 12.5
Describe airport operations lighting.	English: 11.5, 12.5
Describe taxi operations and procedures.	English: 11.5, 12.5
Describe airport traffic entry patterns.	English: 11.5, 12.5
Describe aircraft lighting.	English: 11.5, 12.5
Describe automatic terminal information service (ATIS) broadcasts.	English: 11.5, 12.5
Describe visual flight rules (VFR).	English: 11.5, 12.5
Describe visual meteorological conditions (VMC).	English: 11.5, 12.5
Interpret airspace classes.	English: 11.5, 12.5
Describe operational airspace requirements.	English: 11.5, 12.5
Interpret ATC communications.	English: 11.5, 12.5
Describe satellite radio navigation systems (RNAV).	English: 11.5, 12.5
Describe the HSI.	English: 11.5, 12.5

Describe an instrument landing system (ILS).	English: 11.5, 12.5
Describe the very-high frequency (VHF) omnidirectional range navigation system (VOR).	English: 11.5, 12.5
Describe license requirements.	English: 11.5, 12.5
<b>Exploring Regulations</b>	
Describe pilot deviation reports.	English: 11.5, 12.5
Describe regulations and equipment and operating requirements related to large transport aircraft.	English: 11.5, 12.5
Identify regulations related to admission to flight deck.	English: 11.5, 12.5
Define <i>aerobatic flight</i> in accordance with the FAA.	English: 11.3, 11.5, 12.3, 12.5
Describe ATC clearances.	English: 11.5, 12.5
Describe the FAA aircraft classification category.	English: 11.5, 12.5
Describe aircraft inspection regulations.	English: 11.5, 12.5
Describe aircraft operating limitations.	English: 11.5, 12.5
Describe the responsibilities of aircraft owners and operators.	English: 11.5, 12.5
Describe aircraft return-to-service regulations.	English: 11.5, 12.5
Explain special-use airspace.	English: 11.5, 12.5
Explain airworthiness.	English: 11.5, 12.5
Describe airworthiness directives.	English: 11.5, 12.5
Describe regulations related to alternate airport requirements.	English: 11.5, 12.5
Describe alternate airport requirements related to weather.	English: 11.5, 12.5
Describe altimeter settings.	English: 11.5, 12.5
Describe approach minima.	English: 11.5, 12.5

Explain basic flight rules.	English: 11.5, 12.5
Describe briefing of passengers.	English: 11.5, 12.5
Describe regulations related to cargo in the passenger compartment.	English: 11.5, 12.5
Describe certificate issuance and renewal.	English: 11.5, 12.5
Describe change-of-address regulations.	English: 11.5, 12.5
Describe regulations related to cockpit voice and flight data recorders.	English: 11.5, 12.5
Describe commercial operation requirements and conditions (OpSpecs).	English: 11.5, 12.5
Explain regulations related to communications en route.	English: 11.5, 12.5
Describe procedures to remedy communications failure.	English: 11.5, 12.5
Explain compliance with local regulations.	English: 11.5, 12.5
Describe regulations and requirements related to controlled or restricted airspace.	English: 11.5, 12.5
Describe regulations related to declaration of an emergency.	English: 11.5, 12.5
Describe regulations related to destination airport visibility.	English: 11.5, 12.5
Describe regulations related to dispatch.	English: 11.5, 12.5
Describe regulations related to the display and inspection of licenses and certificates.	English: 11.5, 12.5
Identify documents to be carried on aircraft during flight.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to dropping objects.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to emergency locator transmitters (ELT).	English: 11.5, 11.8, 12.5, 12.8

Explain emergency deviation from regulations.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to safety equipment.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to instruments and equipment.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to equipment failure.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to operating experience and training.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to fire extinguishers.	English: 11.5, 11.8, 12.5, 12.8
Describe duty period limitations.	English: 11.5, 11.8, 12.5, 12.8
Describe flight engineer requirements.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to flight instructor requirements.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to flight release under VFR.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to fuel requirements.	English: 11.5, 12.5
Describe regulations related to general right-of-way rules.	English: 11.5, 12.5
Describe regulations related to notification.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to individual flotation devices.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to flight instructors.	English: 11.5, 12.5
Describe regulations related to the employment of flight instructors.	English: 11.5, 12.5
Describe regulations related to instrument approach procedures.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to IFR.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to intermediate airport	English: 11.5, 11.8, 12.5, 12.8

authorizations.	
Describe regulations related to knowledge and skill test checks.	English: 11.5, 11.8, 12.5, 12.8
Describe limits on autopilot usage.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to maintenance records.	English: 11.5, 11.8, 12.5, 12.8
Describe regulations related to maintenance and alteration programs.	English: 11.5, 12.5
Describe regulations related to medical certificates.	English: 11.5, 12.5
Describe regulations related to the minimum equipment list.	English: 11.5, 12.5
Describe regulations related to navigation instruments.	English: 11.5, 12.5
Describe regulations related to minimum safe flight altitude.	English: 11.5, 12.5
Describe regulations related to operation near other aircraft.	English: 11.5, 12.5
Describe regulations related to operational control functions.	English: 11.5, 12.5
Describe operational flight plan requirements.	English: 11.5, 12.5
Describe operational procedures for a controlled airport.	English: 11.5, 12.5
Describe operational procedures for an uncontrolled airport.	English: 11.5, 12.5
Describe regulations related to the operations manual.	English: 11.5, 12.5
Describe regulations related to overwater operations.	English: 11.5, 12.5
Describe oxygen requirements.	English: 11.5, 12.5
Describe regulations related to persons authorized to perform maintenance.	English: 11.5, 12.5

Describe crewmember duties and responsibilities.	English: 11.5, 12.5
Describe pilot currency requirements.	English: 11.5, 12.5
Describe pilot qualifications.	English: 11.5, 12.5
Describe pilot-in-command authority and responsibility.	English: 11.5, 12.5
Describe preflight requirements.	English: 11.5, 12.5
Describe regulations related to preventative maintenance.	English: 11.5, 12.5
Describe privileges and limitations of medical certificates.	English: 11.5, 12.5
Describe privileges and limitations of pilot certificates.	English: 11.5, 12.5
Describe proficiency-check requirements.	English: 11.5, 12.5
Describe regulations related to flight time limitations and rest requirements.	English: 11.5, 12.5
Describe runway requirements.	English: 11.5, 12.5
Describe regulations related to student pilot endorsements and other endorsements.	English: 11.5, 12.5
Describe regulations related to takeoff procedures and minimums.	English: 11.5, 12.5
Describe regulations related to the use of aircraft lights.	English: 11.5, 12.5
Describe regulations related to alcohol and drugs.	English: 11.5, 12.5
Describe regulations related to crewmembers' use of safety belts and harnesses.	English: 11.5, 12.5
Describe regulations related to passengers' use of seats, safety belts, and harnesses.	English: 11.5, 12.5
Describe the role of the National Transportation Safety Board (NTSB).	English: 11.5, 12.5