

Estimated Costs: \$10,000 – 40 hours of flight instruction+12 hours of ground instruction

- Dependent on the flight time needed to reach 250 hours*

14 CFR § 61.125 (b) – Aeronautical Knowledge

Requirement	Tasks Completed
§ 61.65 (b)(1) – Federal Aviation Regulations of this chapter that apply to commercial pilot privileges, limitations, and flight operations	
§ 61.65 (b)(2) – accident reporting requirements of the national transportation safety board	
§ 61.65 (b)(3) – Basic aerodynamic and the principles of flight	
§ 61.65 (b)(4) – meteorology to include recognition of critical weather situations, windshear recognition and avoidance, and the use of aeronautical weather reports and forecasts	
§ 61.65 (b)(5) – safe and efficient operations of aircraft	
§ 61.65 (b)(6) – weight and balance computations	
§ 61.65 (b)(7) – use of performance charts	
§ 61.65 (b)(8) – significance and effects of exceeding aircraft performance limitations	
§ 61.65 (b)(9) – use of aeronautical charts and a magnetic compass for pilotage and dead reckoning	
§ 61.65 (b)(10) – use of air navigation facilities	
§ 61.65 (b)(11) – aeronautical decision making and judgements	
§ 61.65 (b)(12) – principles and functions of aircraft systems	
§ 61.65 (b)(13) – maneuver, procedures, and emergency operations appropriate to the aircraft	
§ 61.65 (b)(14) – nights and high-altitude operations	
§ 61.65 (b)(15) – procedures for operating within national airspace system	

§ 61.65 (b)(16) – procedures for flight and ground training for lighter than air ratings

14 CFR § 61.129 - Aeronautical Experience

Requirement	Logbook Items
§ 61.129 (a) - At least 250 hours of flight time	Total time:
§ 61.129 (a)(1) - At least 100 hours in powered aircraft , of which 50 hours must be in airplanes	Powered airplanes:
§ 61.129 (a)(2) - At least 100 hours of pilot-in-command flight time , which includes at least - (i) 50 hours in airplanes	PIC:
§ 61.129 (a)(2) - At least 100 hours of pilot-in-command flight time , which includes at least - (ii) 50 hours in cross-country flight of which at least 10 hours must be in airplanes .	PIC XC Airplane:
§ 61.129 (a)(3) - 20 hours of training on the areas of operation listed in § 61.127(b)(1) of this part that includes at least -	Sum (Items i-v):
<p>§ 61.129 (a)(3)</p> <p>(i) 10 hours of instrument training using a view-limiting device including attitude instrument flying, partial panel skills, recovery from unusual flight attitudes, and intercepting and tracking navigational systems. Five hours of the 10 hours required on instrument training must be in a single engine airplane;</p> <p>Must be CFII instructor in order to complete this portion</p>	Total Dual Sim. Inst. (ASEL):
<p>§ 61.129 (a)(3)</p> <p>(ii) 10 hours of training in a complex airplane, a turbine-powered airplane, or a technically advanced airplane (TAA) that meets the requirements of paragraph (j) of this section, or any combination thereof. The airplane must be appropriate to land or sea for the rating sought;</p>	Total Complex Dual:
<p>§ 61.129 (a)(3)</p> <p>(ii) One 2-hour cross country flight in a single engine airplane in daytime conditions that consists of a total straight-line distance of more than 100 nautical miles from the original point of departure;</p>	Flight:

<p>§ 61.129 (a)(3) (iv) One 2-hour cross country flight in a single engine airplane in nighttime conditions that consists of a total straight-line distance of more than 100 nautical miles from the original point of departure;</p>	Flight:
<p>§ 61.129 (a)(3) (v) Three hours in a single-engine airplane with an authorized instructor in preparation for the practical test within the preceding 2 calendar months from the month of the test.</p>	Total Dual (60 days):
<p>§ 61.129 (a)(4) - Ten hours of solo flight time in a single engine airplane or 10 hours of flight time performing the duties of pilot in command in a single engine airplane with an authorized instructor on board (either of which may be credited towards the flight time requirement under paragraph (a)(2) of this section), on the areas of operation listed under § 61.127(b)(1) that include -</p>	Sum (Items i-ii):
<p>§ 61.129 (a)(4) (i) One cross-country flight of not less than 300 nautical miles total distance, with landings at a minimum of three points, one of which is a straight-line distance of at least 250 nautical miles from the original departure point. However, if this requirement is being met in Hawaii, the longest segment need only have a straight-line distance of at least 150 nautical miles;</p>	Flight:
<p>§ 61.129 (a)(4) (ii) 5 hours in night VFR conditions with 10 takeoffs and 10 landings (with each landing involving a flight in the traffic pattern) at an airport with an operating control tower.</p>	Total Solo Night VFR Hours: Tower Takeoff/Landings: