

Commercial Pilot Certification Requirements



AIR ECHO ALPHA 51, LLC.

Endorsements



Aeronautical knowledge test: 61.35(a)(1) and 61.123(c)
I certify that (First name, MI, Last name) has received the required training of 61.125. I have determined that he/she is prepared for the (name the knowledge test).

Flight proficiency/practical test: 61.123(e) and 61.127
I certify that (First name, MI, Last name) has received the required training of 61.127 and 61.129. I have determined he/she is prepared for the (name the practical test).

Single Engine Airplane Rating: Aeronautical Experience

Type	Required	Actual
Total Flight Time	250	
Flight time in Powered Aircraft	100	
Flight Time in Airplanes	50	
Total PIC Time	100	
Airplanes	50	
Cross-Country	50	
Dual Instruction	20	
Instrument Training	10	
Complex Aircraft - or - Technically Advanced Airplane	10	
Cross-County Day +100nm sld	2	
Cross-County Night +100nm sld	2	
Prep for Commercial Check-ride	3	
Solo Flight	10	
X-County Day => 300nm	As needed	
Landings @ 3 points w/t 1 > 250nm		
Night VFR, 10 T.O. & Landings ATC	5	

Single Engine Airplane Rating: Aeronautical Knowledge

Commercial Pilot FAA Written Exam	+70%	
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Aeronautical Knowledge Areas

- Federal Aviation Regulations
- Accident reporting requirements of the National Transportation Safety Board.
- Basic aerodynamics and the principles of flight.
- Meteorology-critical weather situations, windshear & avoidance, weather reports & forecasts
- Safe and efficient operation of aircraft.
- Weight and balance computations.
- Use of performance charts.
- Significance and effects of exceeding aircraft performance limitations.
- Use of aeronautical charts and a magnetic compass for pilotage and dead reckoning.
- Use of air navigation facilities.
- Aeronautical decision making and judgment.
- Principles and functions of aircraft systems.
- Maneuvers, procedures, and emergency operations appropriate to the aircraft.
- Night and high-altitude operations.
- Procedures for operating within the National Airspace System.