



## CURRICULUM OVERVIEW COMMERCIAL PILOT CERTIFICATION COURSE

Completion of this course is based solely upon compliance with the minimum requirements of FAR Part 141. The following time tables are provided only for guidance in achieving regulatory compliance.

<b>GROUND TRAINING</b>					
		Video, Class Discussion	Stage and End-of-Course Exams	Briefings/Debriefings	Ground Training Totals
<b>STAGE IV</b>		9.0	1.0	As Required	10.0
<b>STAGE V</b>		22.0	3.0	As Required	25.0
<b>COMM'L SINGLE ENGINE →</b>	<b>TOTALS</b>	31.0	4.0	As Required	35.0
<b>MULTI-ENGINE →</b>	<b>STAGE VI</b>	9.0	2.0	4.0	15.0

<b>FLIGHT TRAINING</b>													
		<b>DUAL</b>						<b>SOLO</b>					
		Day Local	Day Cross X-C	Night	Complex	Multi-Engine	Instru-ment	Dual Stage Totals	Day Local	Day Cross X-C	Night	Solo Stage Totals	Dual/Solo Comb. Totals
<b>STAGE IV</b>			8.0 (8.0)	5.0 (5.0)			As Required	13.0 (13.0)		34.0*	6.0	40.0	53.0 (53.0)
<b>STAGE V</b>		20.0 (14.0)			10.0 (7.0)		As Required	20.0 (14.0)	9.0			9.0	29.0 (23.0)
<b>STAGE VI</b>		20.0 (12.0)	2.0 (1.0)		5.0 (3.0)		As Required	22.0 (13.0)	16.0			16.0	38.0 (29.0)
<b>SINGLE ENGINE →</b>	<b>TOTALS</b>	40.0 (26.0)	10.0 (9.0)	5.0 (5.0)	15.0 (10.0)		As Required	55.0 (40.0)	25.0	34.0*	6.0	65.0	120.0 (105.0)
<b>MULTI-ENGINE →</b>	<b>STAGE VII</b>	(9.0)	(3.0)	(3.0)		(15.0)	As Required	(15.0)					(15.0)
<b>COMBINED →</b>	<b>TOTALS</b>	40.0 (35.0)	10.0 (12.0)	5.0 (8.0)	15.0 (10.0)	(15.0)	As Required	55.0 (55.0)	25.0	34.0*	6.0		120.0 (120.0)

- NOTE: 1. \* Indicates some solo cross-country hours may be utilized for additional dual instruction to meet the proficiency requirements for the end-of-course flight check and FAA practical test.
2. In blocks where two times are shown, the first time is for students in the standard commercial course without multi-engine training, and the figures in parentheses indicate the minimum time for students who are using the multi-engine option. For example, the dual time totals for Stages IV, V, and VI are 55.0 hours for students not completing the multi-engine training and 40.0 hours for those who will complete the remaining 15 hours in the multi-engine airplane during flight Stage VII. In each case, the student will receive a minimum of 55.0 hours dual.
3. The 15.0 hours in Stage VII are all dual instruction in the multi-engine airplane.



**CURRICULUM OVERVIEW**

<b>LESSON TIME ALLOCATION</b>											
<b>Ground Training</b>					<b>Flight Training</b>						
Video, Class Discussion	PCATD	Pilot Briefings	Stage/Final Exams	Exam Debriefings	<b>Dual</b>			<b>Solo</b>			
					Day Local	Day Cross-Country	Night	Complex	Instrument	Day Local	Day Cross-Country
<b>GROUND STAGE VI AND FLIGHT STAGE VII</b>											
2.0					GL 1 – The ME Rating, Human Factors, and Normal Ops.						
		.5			Briefing – Multi-Engine Operations and Systems						
					FL 1 – Introduction Multi-Engine Airplane and Maneuvers	1.0		1.0	.2		
2.0					GL 2 – Aircraft Systems, Wt. & Balance, & Performance						
		.5			Briefing – Performance Considerations						
					FL 2 – Basic Maneuvers – VR/IR	1.0		1.0	.2		
					FL 3 – Performance Maneuvers – VR/IR	1.0		1.0	.3		
1.5					GL 3 – ME/Engine-Out Aerodynamics & Maneuvers						
		.5			Briefing – Engine-Out Operations						
					FL 4 – Engine-Out Operations	1.0		1.0	.2		
1.5					GL 4 – Engine-Out Operations						
					FL 5 – Emergency Operations	1.0		1.0	.2		
					FL 6 – Review Engine-Out Operations	1.0		1.0	.2		
2.0					GL 5 – Instrument Flight and Decision Making						
		.5			Briefing – Multi-Engine Instrument Flight						
					FL 7 – Emergency Operations/Instrument Flight	1.0		1.0	.7		
					FL 8 – Multi-Engine Instrument (Day Cross-Country)	3.0		3.0	1.0		
					FL 9 – Multi-Engine Instrument (Night Cross-Country)		3.0	3.0	1.0		
		1.0	1.0		GL 6 – Stage Exam						
					FL 10 – Stage Check	1.0		1.0	.5		
		1.0	1.0		GL 7 – End-of-Course Exam						
					FL 11 – End-of-Course Check	1.0		1.0	.5		
9.0	2.0	2.0	2.0		<b>Multi-Engine Stage Totals</b>						9.0 3.0 3.0 15.0 5.0

NOTE: 1. The dual instrument flight training time for Flight Lessons 2 through 11 is shown to indicate the recommended portion of these flights that should be devoted to instrument training.  
 2. This table covers Ground Stage VI and Flight Stage VII.