

	TRAINING COURSE SUMMARY	Page: 1
	Commercial Pilot Airplane Multi Engine	Revision: 0 Date: 1 AUG 2015

COMMERCIAL PILOT AIRPLANE MULTI ENGINE COURSE SUMMARY

- A. To successfully complete this Commercial Pilot Airplane Multi Engine Course and exercise the privileges of a Commercial Pilot Certificate with an Airplane Multi Engine Rating, the student must complete each of the mandatory training units included in this course and demonstrate the level of knowledge and skills proficiency required by:
1. The End of Course Stage Check Unit,
 2. The FAA Knowledge Test, and
 3. The FAA Practical Test.
- B. Furthermore, this course is comprised of 3 intermediate stages, each of which has specific objectives and completion standards as follows:
1. Stage 1: Advanced Knowledge and Instrument Preparatory Skills
 - a) Objectives: The student will have the opportunity to practice newly acquired piloting skills and learn advanced concepts over the course of several cross-country flights into both non-towered and Class C airports using the C172 or the C150. The student will then be immersed in a dedicated sequence of fundamental instrument training units using a C172 FTD in preparation for the Instrument Airplane Course.
 - b) The student must complete each listed unit as outlined in the syllabus. There is no stage check for this stage.
 2. Stage 2: Advanced Cross-Country Skills and Performance Maneuvers
 - a) Objectives: The student will continue learning advanced concepts while engaging in LOFT-style cross-country scenario training using a C172 FTD, followed by a number of advanced VFR and IFR cross-countries in the airplane. The student will then be introduced to and develop proficiency in advanced maneuvers including steep turns, chandelles, lazy eights, steep spirals, eights on pylons, and power-off 180 approaches using the C172. The C150 is again optioned for each of the VFR cross-countries.
 - b) Completion Standards: the student must complete each listed unit as outlined in the syllabus. The stage culminates in a progress review.
 3. Stage 3: Multi-Engine Operations and FAA Test Preparation
 - a) Objectives: The student will be introduced to and complete the required multi-engine airplane training before reviewing all areas of operation in preparation for the FAA Knowledge and Practical Tests. The student will clearly demonstrate the knowledge, skills, and abilities required of a Commercial Pilot.
 - b) Completion Standards: The student will complete each of the listed units as outlined in the syllabus. The stage and the course culminate in the End of

Commercial Pilot Airplane Multi Engine

Course Check, which must be successfully completed prior to scheduling the FAA Practical Test.

- A. The Commercial Pilot Airplane Multi Engine Course is comprised of 55 mandatory training units as described in the table below, with optional units are highlighted in purple. All times are planned rather than required times, unless otherwise specified in the unit notes. If the training objectives are met in less time for a given unit, then the unit may be considered complete. However, all 14 CFR 141 aeronautical experience requirements must be met by the end of the course.

STAGE 1										
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time
1	Ground #1		2.0							
2	Ground #2		2.0							
3	Flight #1	1.0				1.6				1.6
3a	Flight #1a	1.0				1.6				1.6
4	Flight #2	1.5			2.2	2.2				2.2
5	Flight #3	1.5			2.5	2.5				2.5
6	Flight #4	1.5			2.2	2.2			2.2	2.2
7	Flight #5	1.5			4.0	4.0				4.0
8	Ground #3		2.0			0				
9	FTD #1	1.0		1.5		1.5		1.5		
10	FTD #2	1.0		1.5		1.5		1.5		
11	FTD #3	1.0		1.5		1.5		1.5		
12	FTD #4	1.0		1.5		1.5		1.5		
13	FTD #5	1.0		1.5		1.5		1.5		
14	FTD #6	1.0		1.5		1.5		1.5		
Stage 1 Totals:		13.0	6.0	9	10.9	23.1	1.0	9.0	2.2	12.5

STAGE 2										
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time
15	Flight #6	1.0				1.6				1.6
16	FTD #7	1.5		2.5						
17	FTD #8	1.5		2.5						
18	FTD #9	1.5		2.5						
19	FTD #10	1.5		2.5						
20	Flight #7	1.5			3.8	3.8				3.8
21	Flight #8	1.5			3.5	3.5				3.5
22	Flight #9	1.5			3.4	3.4				3.4
23	Flight #10	1.5			5.4	5.4				5.4

Commercial Pilot Airplane Multi Engine

STAGE 2

Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time
24	Flight #11	1.5			5.0	5.0				5.0
25	Ground #4		2.0							
26	Flight #12	1.0				1.2				1.2
27	Flight #13	1.0				1.3				1.3
28	Flight #14	1.0				1.3				1.3
29	Flight #15	1.0				1.3				1.3
30	Flight #16	1.0				1.3				1.3
31	Flight #17	1.0				1.3				1.3
32	Flight #18	1.0				1.3				1.3
33	Flight #19	1.0				1.3				1.3
34	Flight #20	1.0				1.5				1.5
35	Flight #21 SC	1.0				1.5				1.5
Stage 2 Totals:		23.5	2.0	10.0	21.1.1	36	0.0	0.0	0.0	36.0
Running Totals:		36.5	8.0	22.5	32.0	59.1	0.0	9.0	2.2	48.5

STAGE 3 (MULTIENGINE)

Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo/ DPIC Time	Instrument Time	Night Time	Total Flight Time
36	Ground #5		2.0							
37	Ground #6		2.0							
38	Ground #7		4.0							
39	Flight #22	1.0				1.5		0.2		1.5
40	Flight #23	1.0				1.5		0.2		1.5
41	Flight #24	1.0				1.5		0.2		1.5
42	Flight #25	1.0				1.5		0.2		1.5
43	Flight #26	1.0				1.2				1.2
44	Flight #27	1.0					1.2		1.2	1.2
45	Flight #28	1.0					1.5		1.5	1.5
46	Flight #29	1.0				1.4		1.0		1.4
47	Flight #30	1.0				1.4		1.0		1.4

Commercial Pilot Airplane Multi Engine

STAGE 3 (MULTIENGINE)										
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo/ DPIC Time	Instrument Time	Night Time	Total Flight Time
48	Flight #31	1.5			4.0	4.0		2.0	2.0	4.0
49	Flight #32	1.5			5.0		5.0		1.0	5.0
50	Flight #33	1.0					1.5			1.5
51	Flight #34	1.0					1.3		1.3	1.3
52	Flight #35	1.0				2.0		0.2		2.0
53	Ground #8		2.0							
54	Ground #9 EOC		2.0							
55	Flight #36 EOC	1.0					2.0			2.0
Stage 3 Totals:		16.0	12.0	0.0	9.0	14.0	14.5	5.0	7.0	28.5
Grand Totals:		52.5	20.0	19.0	41.0	81.5	14.5	14.0	9.2	77.0

B. Total flight training hours have been reduced from 120 to 96 under the provisions of 14 CFR 141.55 (d).