

### TRAINING COURSE SUMMARY

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**Instrument Airplane** 

#### **INSTRUMENT AIRPLANE COURSE SUMMARY**

- A. To successfully complete this Instrument Airplane Course and exercise the privileges of an Instrument Airplane 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
    - a) Stage 1 of the syllabus is designed to provide the student with a strong foundation in attitude instrument flight and instrument navigation. At the completion of this stage, the student is thoroughly prepared for the introduction of holding patterns and instrument approach procedures.

### 2. Stage 2

a) During this stage, the student learns to perform holding patterns and instrument approaches. This training prepares the student for the introduction of IFR enroute procedures in Stage 3.

#### 3. Stage 3

- a) This stage of training teaches the student IFR enroute procedures and provides and review of all previously learned maneuvers. Through the use of three instrument cross-country flights and review, the student is able to attain the proficiency level of an instrument rated pilot. The student will successfully pass the FAA instrument rating airman knowledge test and take the FAA instrument rating practical test at the completion of this stage.
- C. The Instrument Airplane Course is comprised of 29 mandatory training units as described in the table below. All times are planned times. If the training objectives are met in less time, then the unit may be considered complete. However, all 14 CFR 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	Flight #1	1.0				1.0		1.0			
2	Flight #2	1.0				1.0		1.0			
3	Flight #3	1.0				1.0		1.0			
4	Flight #4	1.0				1.0		1.0			



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STAGE 1										
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time
5	Flight #5	1.0				1.0		1.0		
6	Flight #6	1.0				1.0		1.0		
7	Flight #7	1.0				1.0		1.0		1.0
8	Flight #8	1.0				1.0		1.0		1.0
9	Flight #9	1.0				1.0		1.0		1.0
10	Flight #10	1.0				1.0		1.0		1.0
11	Flight #11	1.0				1.0		1.0		1.0
12	Flight #12	1.0				1.0		1.0		1.0
13	Flight #13	1.0				1.0		1.0		1.0
Stage 1 Totals:		13.0				13.0		13.0		13.0

	STAGE 2									
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time
14	Flight #14	1.0				1.0		1.0		1.0
15	Flight #15	1.0				1.0		1.0		1.0
16	Flight #16	1.0				1.5		1.5		1.5
17	Flight #17	1.0				1.0		1.0		1.0
18	Flight #18	1.0				1.0		1.0		1.0
19	Flight #19	1.0				1.0		1.0		1.0
20	Flight #20	1.0				1.0		1.0		1.0
21	Flight #21	1.0				1.0		1.0		1.0
22	Flight #22	1.0				1.0		1.0		1.0
23	Flight #23	1.0				1.5		1.5		1.5
Stag	ge 2 Totals:	10.0				11.0		11.0		11.0
	Running Totals:	23.0				24.0		24.0		24.0
					STAGE	3				
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time
24	Flight #24	1.5			1.0	1.0		1.0		1.0
25	Flight #25	1.5			2.0	2.0		2.0		2.0
26	Flight #26	1.5			3.0	3.0		3.0		3.0
27	Flight #27	1.5			2.0	2.0		2.0		2.0
28	Flight #28	1.5				1.5		1.5		1.5



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STAGE 2											
Unit	Title	Brief Time	Ground Time	FTD Time	Cross Country Time	Dual Time	Solo Time	Instrument Time	Night Time	Total Flight Time	
29	Flight #29	1.5				1.5		1.5		1.5	
Stage 3 Totals:		9.0			8.0	11.0		11.0		11.0	
<b>Grand Totals:</b>		32.0			8.0	35.0		35.0		35.0	