

## DAY ONE

8:00 AM - 8:45 AM **ORIENTATION**

- \* Daily Schedule
- \* IA Test Description
- \* Testing Materials Provided
- \* Classroom Materials Provided

8:45 AM - 10:00 AM **REVIEW OF FAR 65.91 through FAR 65.95, FAR 65.104**

- \* "FAR REVIEW/STUDY SHEET" Handout
- \* IA Eligibility Requirements
- \* IA Responsibilities
- \* IA Renewal
- \* IA Privileges and Limitations
- \* Repairman Certificate-Experimental Aircraft Builder  
Privileges and Limitations

### **REVIEW OF FAA-G-8082-11B - INSPECTION AUTHORIZATION STUDY GUIDE**

Completion of Workbook - Exercise 1

10:00 AM - 10:10 AM **Break**

10:10 AM - 11:30 AM **REVIEW OF FEDERAL AVIATION REGULATIONS**

- \* Parts 1, 21, 23, 27, 39

Completion of Workbook - Exercise 2

11:30 AM - 12:30 PM **Lunch**

12:30 PM - 1:30 PM **REVIEW OF FEDERAL AVIATION REGULATION**

- \* Part 43

Completion of Workbook - Exercise 3

13:30 - 14:30 **REVIEW OF FEDERAL AVIATION REGULATIONS**

- \* Parts 45, 91, 135, 183

Completion of Workbook - Exercise 4

14:30 - 14:45 **Break**

14:45 - 16:00 Ex 10 Corrsion Control & Composites (homework)

## **DAY TWO**

8:00 - 9:00 A.M.

### **REVIEW OF TYPE CERTIFICATE DATA SHEETS / AIRCRAFT SPECIFICATIONS**

- \* Background Information
- \* Breakdown of TCDS and Aircraft Specification

9:00 - 10:00 A.M.

### **RESEARCH**

- \* Type Certificate Data Sheets and Aircraft Specifications
- \* Airworthiness Directives

10:00 - 10:10 A.M.

### **Break**

10:10 - 11:30 P.M.

### **RESEARCH CONTINUED**

- \* Type Certificate Data Sheets and Aircraft Specifications
- \* Airworthiness Directives
- \* AC 39.7C -- Airworthiness Directives Advisory Circular  
Completion of Workbook - Exercise 5

11:30 - 12:30 P.M.

### **Lunch**

12:30 - 1:30 P.M.

Continue Completion of Exercise 5

1:30 - 2:30 P.M.

### **REVIEW OF AC 43.13-1 B & 2 B**

Acceptable methods techniques & practices for repairs & alterations

2:30 - 4:00 P.M.

### **Class dismissed**

### **DAY THREE**

8:00 - 10:00 A.M.	<b><u>REVIEW OF AC 91.23A- Aircraft weight &amp; Balance handbook</u></b> Computing weight & Balance * Extreme conditions check * Adding & removing equipment * Percent of mean aerodynamic Chord Completion of workbook-exercise 7
10:00 - 10:10 A.M.	<b>Break</b>
10:10 - 11:30 A.M.	<b><u>CONTINUE REVIEW - AC 43.13-1B and 2B</u></b> * Rivet Charts * Bend Radius Chart * Bend Allowance Chart * Turnbuckle Chart * K Chart for Set Back * Hydraulic Hose Chart * Electric Wire Chart
11:30 - 12:30 P.M.	<b>Lunch</b>
12:30 - 2:00 P.M.	Completion of Workbook - Exercise 8  Sheet Metal calculations & repairs Completion of workbook exercise 9
2:00 - 2:15 P.M.	<b>Break</b>
2:15 - 3:00 P.M.	<b><u>REVIEW OF IA TESTING SUPPLEMENT BOOK</u></b> <b><u>EXPLANATION OF COMPUTER TESTING</u></b> * Demo Testing on Computer
3:00 - 4:00 P.M.	<b>OVERALL REVIEW OF MATERIAL</b>

### **DAY FOUR**

8:00 - 9:30	<b><u>WRITTEN PRACTICE TESTING</u></b> Final Test 1 -- In-depth Review of All Questions
9:30 - 9:45	<b>Break</b>
9:45 - 11:30	Final Test 2 -- In-depth Review of All Questions
11:30 - 12:30	<b>Lunch</b>
12:30 - 2:00	Final Test 3 -- In-depth Review of All Questions
2:00 - 2:15	<b>Break</b>
2:15 - 4:00	Final Test 4 -- In-depth Review of All Questions Final Test 5- Weight & balance

### **DAY FIVE**

8:00 - Completion	<b>INSPECTION AUTHORIZATION FAA TESTING</b>
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