

COURSE DESCRIPTION

This course is designed to prepare the student to perform an annual condition inspection on Experimental Light Sport Aircraft and properly record the annual condition inspection in their logbook

Course Format:

The course includes 75% lecture and 25% practical training. Appropriate time will be devoted to questions, review and testing.

To Register:

Call: 520-203-1276

Email: aircreation@flash.net

Fee: \$375

A 20% deposit is required at the time of registration to ensure your seat.. Full payment must be collected prior to the beginning of class.

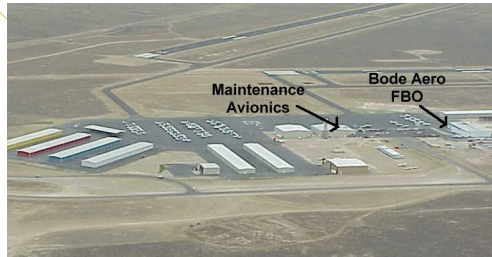
Form of Payment:

The deposit and full payment can be made by Check or Visa/MasterCard.

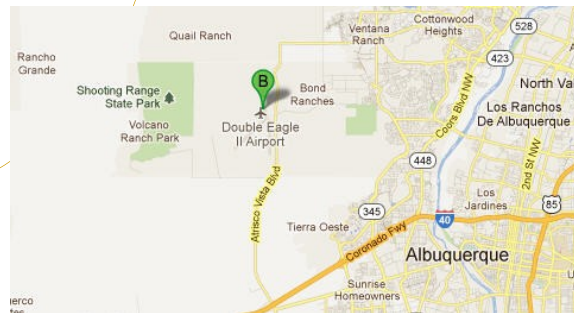
Mail Check to:

Air Creation USA LLC
P.O. Box 953
Vail, AZ 85641

Location: Double Eagle Airport



Directions:



7401 Paseo Del Volcan, Albuquerque,
New Mexico 87121 (505) 244-7888

CONTACT INFORMATION

Air Creation USA LLC
P.O. Box 953
Vail, AZ 85641

Phone: 520-203-1276
EMAIL: aircreation@flash.net



FAA Approved

ELSA WEIGHT SHIFT CONTROL AIRCRAFT INSPECTION COURSE

March 17 & 18

**GET AN FAA CERTIFICATION
TO PERFORM YOUR OWN
ANNUAL INSPECTION**



**Instructor
Neil Bungard
Air Creation USA LLC**

520-203-1276

LOCATION: DOUBLE EAGLE AIRPORT

Accommodations:

Rio Grande Inn
1015 Rio Grande Blvd. NW
Albuquerque, NM 87104
Tel: 505-843-9500
Fax: 505-843-9238
Toll Free Reservations: 800-959-4726



Aircraft frame section

Restaurants:

Choose from Many restaurants:
<http://albuquerqueoldtown.com/>

Gardunos - Fine mexican food:
<http://gardunosrestaurants.com/>

High Finance Resturant - <http://www.sandiapeakrestaurants.com/highfinance/>

Itinerary:

The two day course will start at 8am on Saturday, March 17th. The course hours are from 8am to 5pm. Short refreshment breaks and a lunch break are part of the schedule

COURSE OUTLINE

Course goals and limitations	0.25
Syllabus	0.25
Review of LSA Regulations	1.00
Operating limitations	
FAR's for light sport rule	
Maintenance regulations of part 43	
Operations/equipment of part 91	
Preparation for the inspection	
Information	0.75
Airworthiness directives	
Safety directives	
Consensus standards	
Manufacturers manuals	
Advisory circulars	
Sources and use of checklists	
Tools	0.25
Record keeping	0.25
Personal protection and safety	0.25
Understanding of stress	
Strain and fatigue of materials	1.00
Wear and stress factors	
Strain, elastic limit, deformation	
Fatigue loading and cumulative damage	
Stresses due to corrosion	
Weight shift aerodynamics	0.50
Operating stresses and stress location	
Of weight shift aircraft	
Related to the inspection	
Torque on fasteners	0.50
Measurement of torque	
Safety fasteners	
Airframe	3.00
Power plant	3.00
Propeller	0.50
The logbook entry for inspection	0.50
Course evaluation	0.25
Final Examination	

The Course contents include:

Regulations, resources, inspection procedures, personal safety, weight-shift aerodynamics, aircraft systems, and inspection logs.

Lab Exercises:

The class work material will be reinforced by practical exercises performed on aircraft in the hangar

Mock Annual Inspections will be performed on two different weight-shift aircraft



Get a certification to inspect your Experimental Light Sport Aircraft

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