

Paper Aircraft: The Plane Truth About Designing Your Own  
With John Collins  
April 27-28, 2019

Tools: none

Materials:

US Letter size (8.5 x 11 inch) 24 pound Astrobrights paper – 50 sheets

9lb onion skin paper (or phonebook paper) - 50 sheets

11x17 inch corrugated cardboard – one piece

You may bring a copy of any of John's books if you wish to independently study from them. Alternatively, you may bring other books that contain folded designs you wish to have assistance learning.

**Day One:**

Basic Folds – mountain, valley, reverse, outside reverse, waterbomb base

Diagram Reading

Fold Nakamura Lock

Basic adjusting techniques

Fold the World Record Plane

Fold Ballistic Dart

Fold Takuo Toda's Sky King

Two more Nose Locking Techniques

**Day Two**

Advanced techniques – squash, sink, petal fold

Basic glider design

Make a Tube

Make and fly Tumbling Wing

Make and fly Seagull

Make The Star Fighter

Independent folding and exploration or

Make a Phat Glider – boomerangs and loops

Make a Boomerang I – The best stunt plane in the world

30 minute review of aerodynamics using paper airplanes

John Collins

johncollins@sonic.net