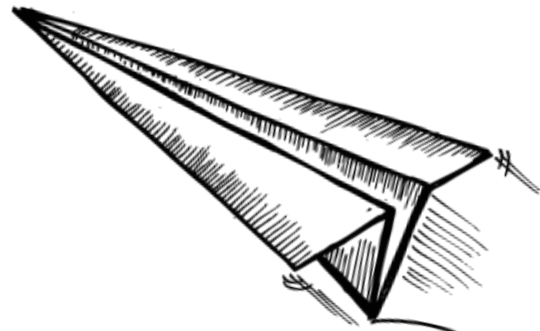


Create Your Own Paper Airplane!

pg. 1

Materials:

- One or more pieces of paper per person
(*TIP* do you have paper that you can re-use from something else? Look around your home for paper that would otherwise get recycled.)
- Ruler & scissors
- Markers , colored pencils, crayons etc.



Activity:

Create your own paper airplane! Follow the instructions on the next page or look for a different paper plane design online at: www.diynetwork.com/made-and-remade/learn-it/5-basic-paper-airplanes

Create your own design on the plane before you start folding! Draw on the wings of the plane to make it unique to you!

Is there more than one person in your house? Hold a paper airplane flying contest!

1. Create your own plane
2. Decorate your own planes so you know whose is whose.
3. Determine your flight path - pick an area of your home with the longest open space.
4. Create a target - this could be a wall at the end of the room, a poster on the wall, etc.
5. Create a starting line on the other end of the room from the target.
6. Ready, set, fly!



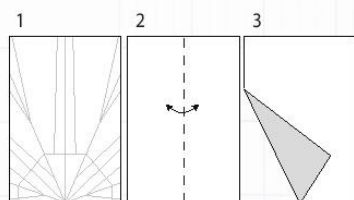
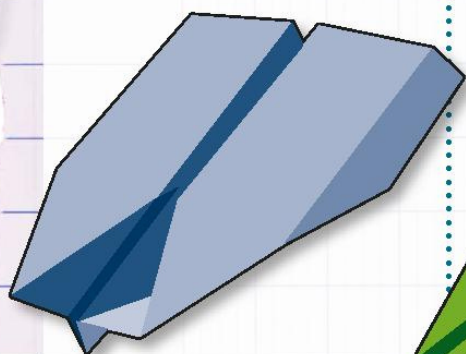
Contact community@thehistorycenter.net with any questions. Visit www.thehistorycenter.net/learn for more History at Home activities.

Create Your Own Paper Airplane!

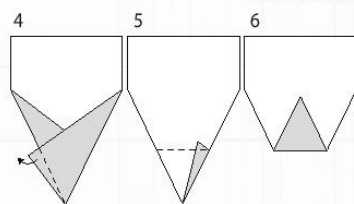
Prepare Your Materials:

Use a standard 8.5" x 11" piece of paper, or cut a larger piece to that size.

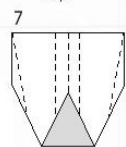
DURATION FLYER



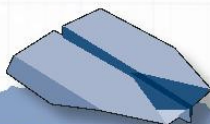
1 Start with the sheet this way up
2 Fold in half lengthways
3 Fold down a flap as shown, then repeat on the opposite side of the sheet



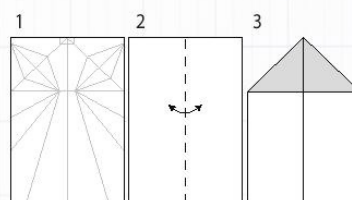
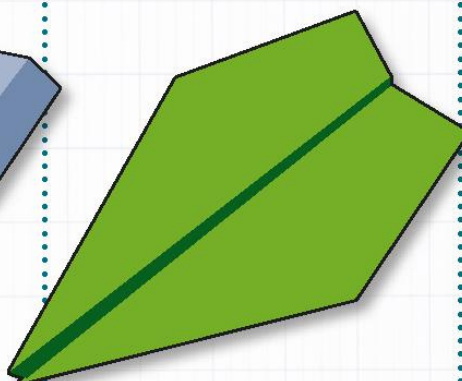
4 Fold over the overhanging flap
5 Turn the plane over and fold the tip to form a triangle



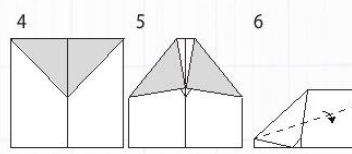
7 Fold along the dotted lines to finish the plane as pictured, and it's ready to fly!



LONG-DISTANCE FLYER



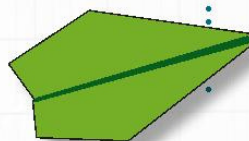
1 Start with the sheet this way up
2 Fold in half lengthways
3 Fold the top corners down



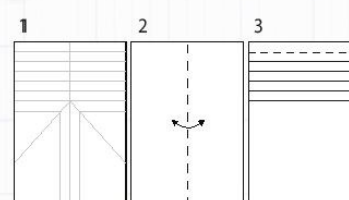
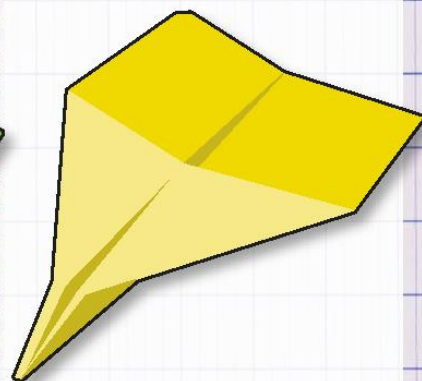
4 Fold the top triangle down
5 Fold the corners towards the centre line of the sheet, leaving a small gap at the central line, as shown above. Then fold the paper in half lengthways
6 Fold the plane along the marked line



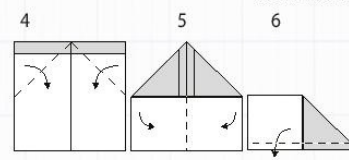
7 Fold along the marked line, then push this triangle inside the central fold of the plane and it is ready to fly!



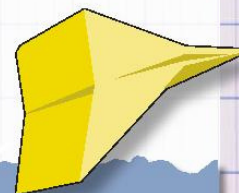
PRECISION FLYER



1 Start with the sheet this way up
2 Fold in half lengthways
3 Fold the top section down, then continue to fold the flap over and over until the final line



4 Fold the top corners down
5 Fold in half
6 Fold the wings down, and it is ready to fly!



The **MOST CONSECUTIVE TIMES TO HIT A TARGET WITH A PAPER PLANE** is 13 by Fumihiro Uno (JPN) on 6 Jan 2010. The distance between Fumihiro and the target - a bucket - was 3 m (9 ft 10 in).

The **LONGEST FLIGHT DURATION** for a regular paper aircraft is 29.2 sec by Takuo Toda (JPN) at Fukuyama City in Hiroshima, Japan, on 19 Dec 2010. He beat his own record by 1.3 sec.

Learn More About the Tommy Plane

Digital Links:

- **Tommy Plane - The History Center in Tompkins County**
 - www.thehistorycenter.net/Tommy-Plane
- **PEGASYS Presents #102: Tommy Comes Home (30min) - PEGASYS**
 - www.youtube.com/watch?v=oocNovpq1Qg
- **Tommy Comes Home (5min) - ICTV Report**
 - www.youtube.com/watch?v=Zaiwcr3p3eM&t=29s
- **Ithaca's Airplane - Air & Space Magazine**
 - www.airspacemag.com/history-of-flight/13_sep2018-ithacas-airplane-180969918/
- **Thomas Morse Scout S4-C - The Aviation History Online Museum**
 - www.aviation-history.com/thomas/scout.html

Related Archival Collections at The History Center in Tompkins County

- **Aviation Collection V-1-5-6**
- **BorgWarner/Morse Collection - V-64-1-1**
- **Morse Family Collection V-64-8-1**
- **Thomas-Morse/Consolidated Aircraft Photograph Collection FBO-0105**

****You can look at these collections by visiting our Research Library.****

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