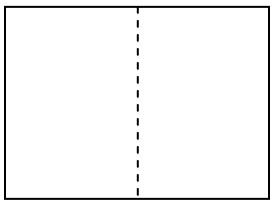
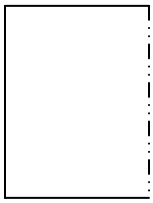
The Martian Glider

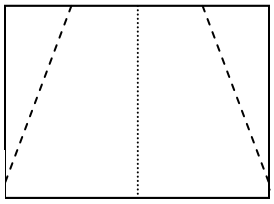
This plane reminds me of a glider that could be used on a Martian colony. It would probably fly well in the thin atmosphere. This is one of the only planes in this book that requires any guesswork and is also unusual in that it is folded first the short way. Furthermore, its wings unfold in flight giving it an extra altitude boost. To make it do this well, experiment with the angle of throw, as the specifics differ. It flies well thrown from medium-soft to medium-hard.



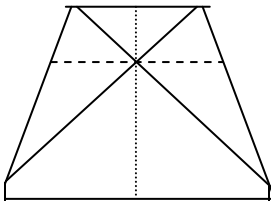
Fold the paper in half the short way.



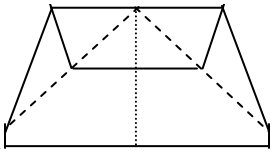
Unfold that fold.



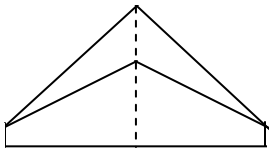
Fold the top corners down so that the two edges put together make an X shape (see next step).



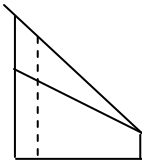
Fold the top down making the fold on the center of the X.



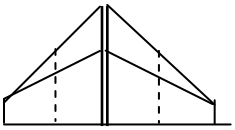
Fold the wings in along the edge of the partially hidden reinforcement.



Fold the center fold *backwards* in the opposite direction that it was first folded.



Fold the wing about ½ in. above the body. Do the same to the other side.



Fold the winglets up so that they touch the center of the plane and straighten it so that the front view looks like this diagram. Voila!