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## INTRODUCTION

An Arabian Sailor named Sinbad started the idea. His mythological fortunes had placed him in a predicament. He was in a valley with a floor of diamonds but with walls so sheer he could not hope to climb them.

He noted, however, that Diamond Hunters on the cliffs above threw down pieces of meat which the eagles carried aloft to their nests. Then the hunters frightened the eagles away and collected the small diamonds which had adhered to the meat. Seeing this, the crafty Sinbad, after collecting a bagfull of diamonds, tied a choice cut on his back, and a hungry eagle lugged him home.

The A. A. F. man pick-up kit takes the place of that meat. When you find yourself in a situation from which escape can only be negotiated through the air, this kit makes it possible for the old eagle, or a reasonably exact facsimile thereof, to pick you up whole, hale and hearty and whisk you to greener fields.

The man pick-up kit is designed for use by marooned personnel in inaccessible areas where time, terrain, or enemy encirclement makes rescue by land impractical and where aircraft cannot be safely landed. The following pages are prepared to instruct you in the part which the stranded person plays in the operation.

The remainder of this book will follow the presumption that you are the marooned person to be rescued, that you have just removed this book from the drop kit and are prepared to use it erecting the pickup station.

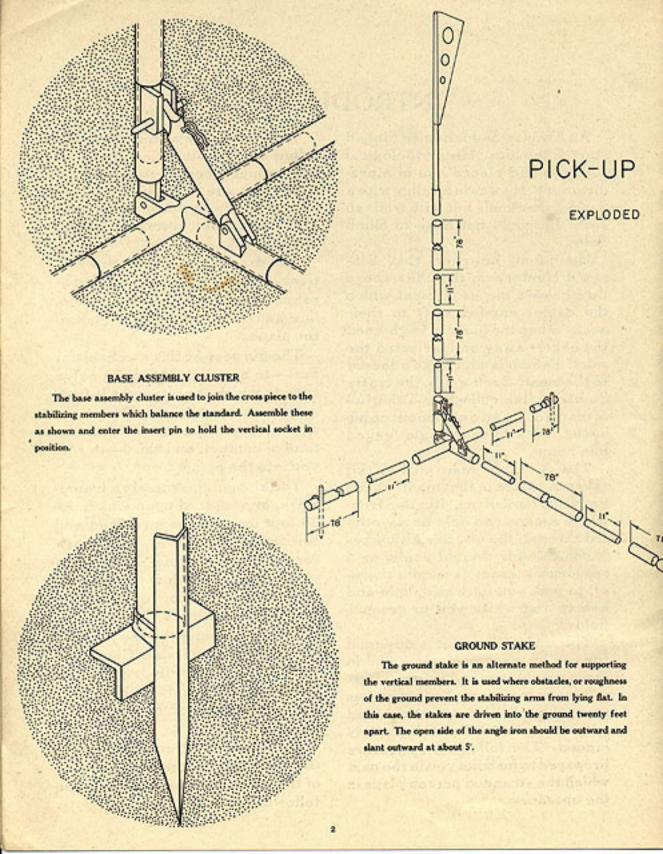
The drop kit is one of two sections comprising the pick-up apparatus. The other is the pick-up arm, line and windlass carried aboard the plane.

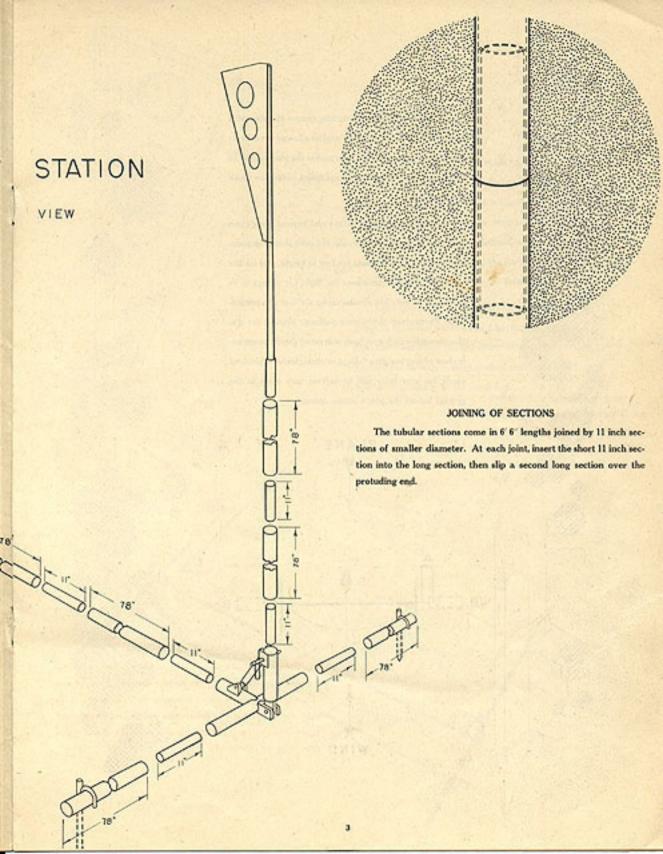
The purpose of this mechanism: first—to catch and hold the nylon rope to which your harness is fastened, second—to distribute the shock by playing out line at the time of contact, and third—to reel you into the plane.

The kit contains merely a framework, or standard upon which the 90 foot loop can be stretched and erected, and made an easy mark for the pick-up plane. It also provides a special harness which holds the body in a position to absorb the shock most easily.

Tests conducted by the A. A. F. Air Technical Service Command have been uniformly successful. No injury or harmful after-effect has been sustained by any of the volunteer subjects.

Proper procedures for the use of this equipment in the correct order of their execution are shown on the following pages.

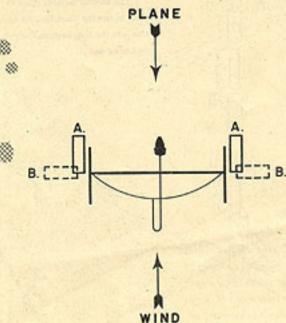


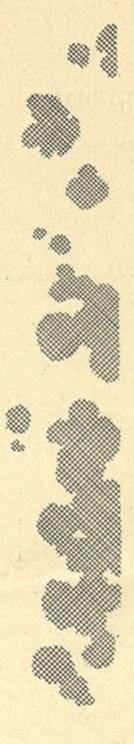


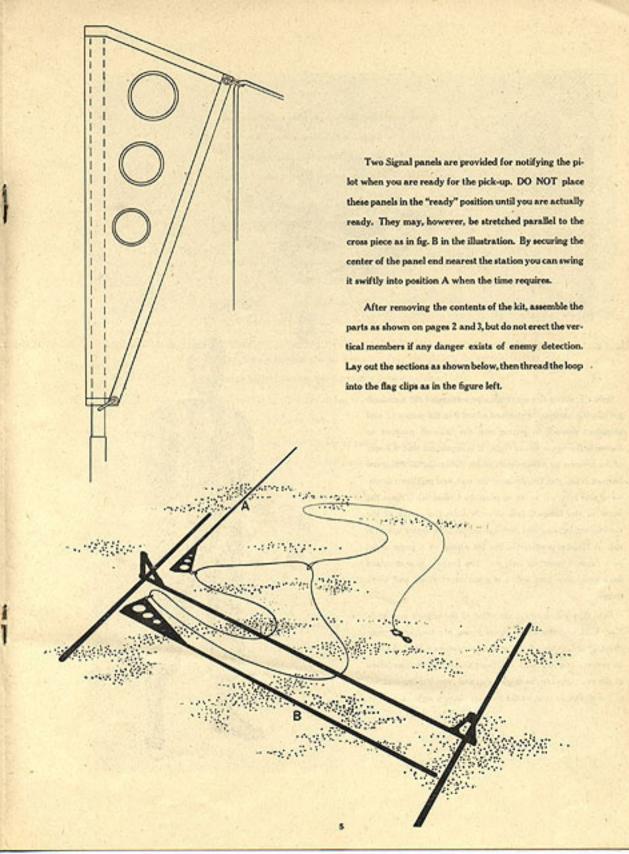


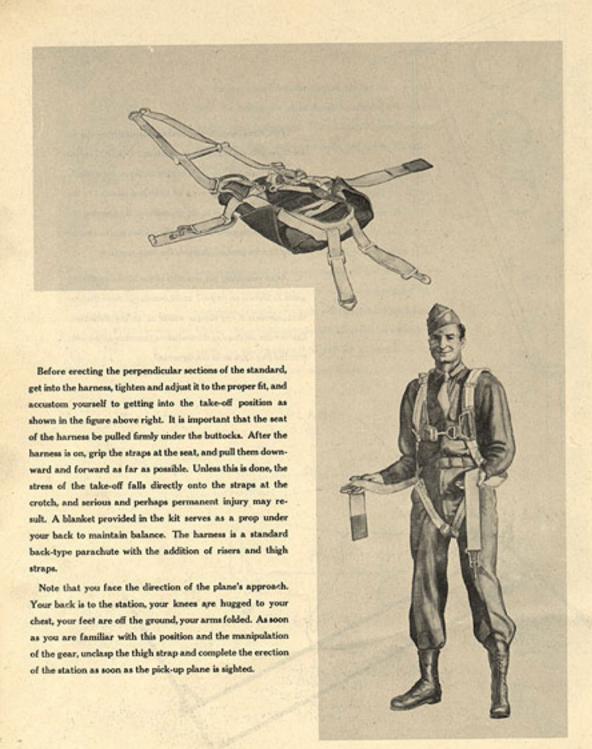
Before assembling the station, choose the site with care. If possible, the plane should be allowed to make its pick-up run into the wind. This makes the plane easier to handle and diminishes its ground speed, easing the shock of contact.

For a hundred yards before and beyond the station and twenty yards on either side, the pilot should encounter no obstacles more than ten feet in height, and for the middle half of the run where the flight arc swings to its lowest point, only low shrubs under six feet are permissible. Particularly the narrow pathway beyond the station through which your body will swing should be entirely clear of any resisting foliage or obstacles for a hundred yards, for your body will be carried very close to the ground before the plane zooms upward.







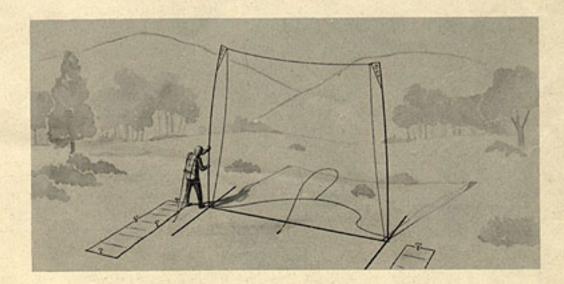




When the pick-up plane is sighted, quickly insert into their sockets first the vertical section
"A", then "B" (see page 5), and remove the insert pins from the clusters.

Arrange the line so that the loop lies on top of the leader. The rope should be laid out in the simplest manner without knots or kinks.

When this is correctly done, move the signal panel into the "ready" position. Snap your risers onto the ring at the end of the rope and assume the position for the final pick-up, fastening the thigh straps.







After you are in the air and on your way, unfasten the thigh straps.

As soon as you have safe altitude you will be reeled slowly in toward the plane. You may use the pick-up arm or step to assist you in entering. Follow the instructions of the operators at the door. Do not struggle. They can pull you in easily.

