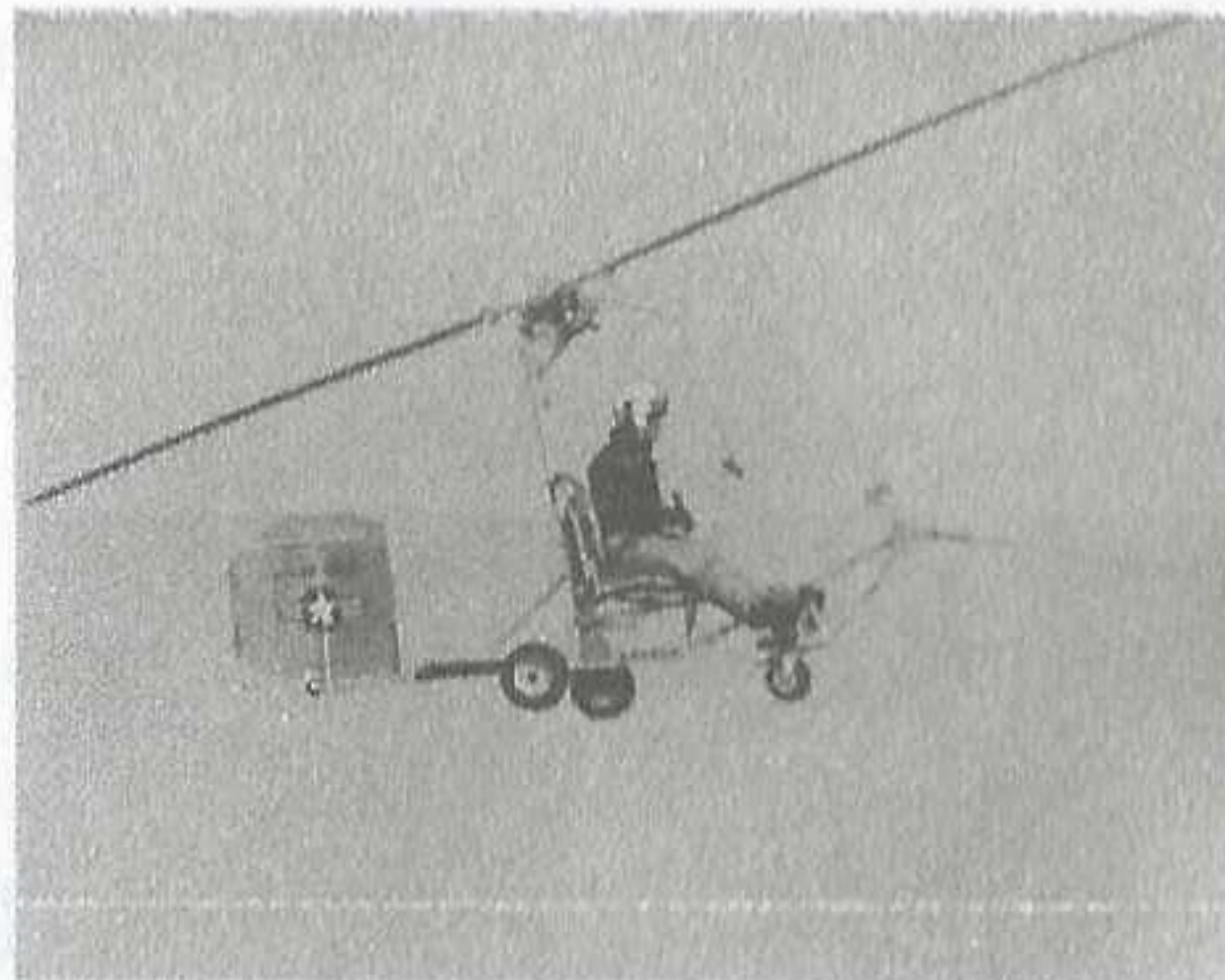




Historic Wings

1:72, 1:48 or 1:35 3D printed resin kit of the



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**Bensen B-8 Gyro-Glider (1955)
or
X-25B Glider
Discretionary Descent Vehicle
(DDV) (1968)**

History, Notes and
Assembly Instructions

HISTORY

The Bensen B-8 is a small, single-seat autogyro developed in the United States in the 1950s, The most popular version, the B-8M first flew in 1955.

The X-25 Discretionary Descent Vehicle (DDV) was a variant of the B-8M and B-8, which the United States Air Force developed. This proposed to integrate combat aircraft ejection seats with a small autogyro or rotor kite to give a pilot more control over a post-ejection landing spot. The X-25A and X-25B were used to evaluate the piloting and training requirements of these autogyros. The X-25B (this kit) was the Bensen B-8 Gyro-Glider, and the X-25A was a Bensen B-8M. No full-scale operational tests were ever performed. The U.S. Air Force stopped funding the DDV program with the end of the Vietnam War

THIS KIT

This is the second B-8M model which Aircraft In Miniature Ltd. has produced. The first kit was an etched brass kit with cast metal detail parts, which proved popular over the years. However, when 3D MSLA* printing became practical and economically viable, we decided that a completely new kit would give a significantly better model than that original metal kit.

* MSLA=Masked stereo lithography

Because the model is designed using Computer Aided Design (CAD), we can now produce the kit in the traditional 1:72 and 1:48 scales.

PARTS LIST (one of each item)

Airframe

Rotor blade with rotor head

Control column

Seat

Rotor blade

Transfers (2 sheets-clear & white)

Instructions

ASSEMBLY INSTRUCTIONS

1 General

WARNINGS

- 1 THIS KIT CONTAINS SMALL AND/OR SHARP PARTS. KEEP THE PARTS WAY FROM CHILDREN.
 - 2 OBEY ALL SAFETY INSTRUCTIONS FOR ALL EQUIPMENT AND MATERIALS USED. MATERIALS INCLUDE SOLVENTS, PAINTS, FILLERS AND ADHESIVES.
- A This is a 3D printed model. It is supplied on the printing supports to give the maximum possible protection to the parts during shipping.
- B The best tools to remove the parts from their supports are a modelling knife fitted with a new (and thus very sharp) blade, and a pair of very fine, and again sharp, snips.
- C Examine each part and make sure that you have identified the supports to be removed - it is very easy to accidentally cut off a piece of the model.
- D When each support is removed, it will leave a small stub. Use needle files, or your preferred abrasive material to remove the stubs and give a smooth surface.
- E Assemble the model with your preferred adhesive, cyanoacrylate (CA or SuperGlue), or epoxy cement.

2 Assembly

- A Airframe, seat and control column (see Figure 1).
- 1 Attach the seat to the airframe.
 - 2 Attach the control column to the airframe. It fits into a socket on the forward face of the rotor head mounting.

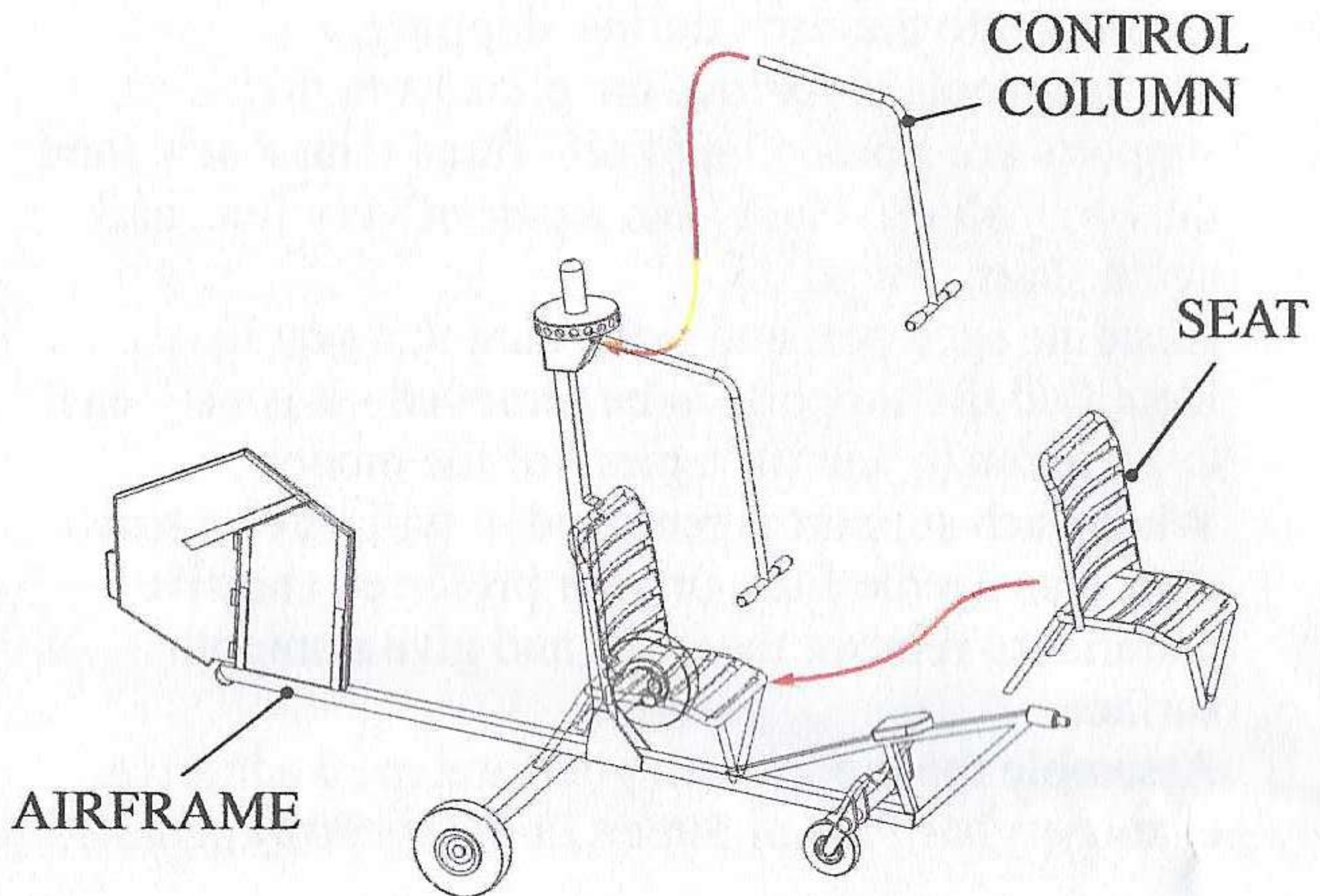


Figure 1

- B Airframe and rotor assembly (see Figure 2).
- 1 Bond the rotor blade to the rotor head on the other rotor blade.
 - 2 Put the assembled rotor on to the pin on the top of the rotor head mounting. Do not bond the rotor assembly in place. It is free to turn.

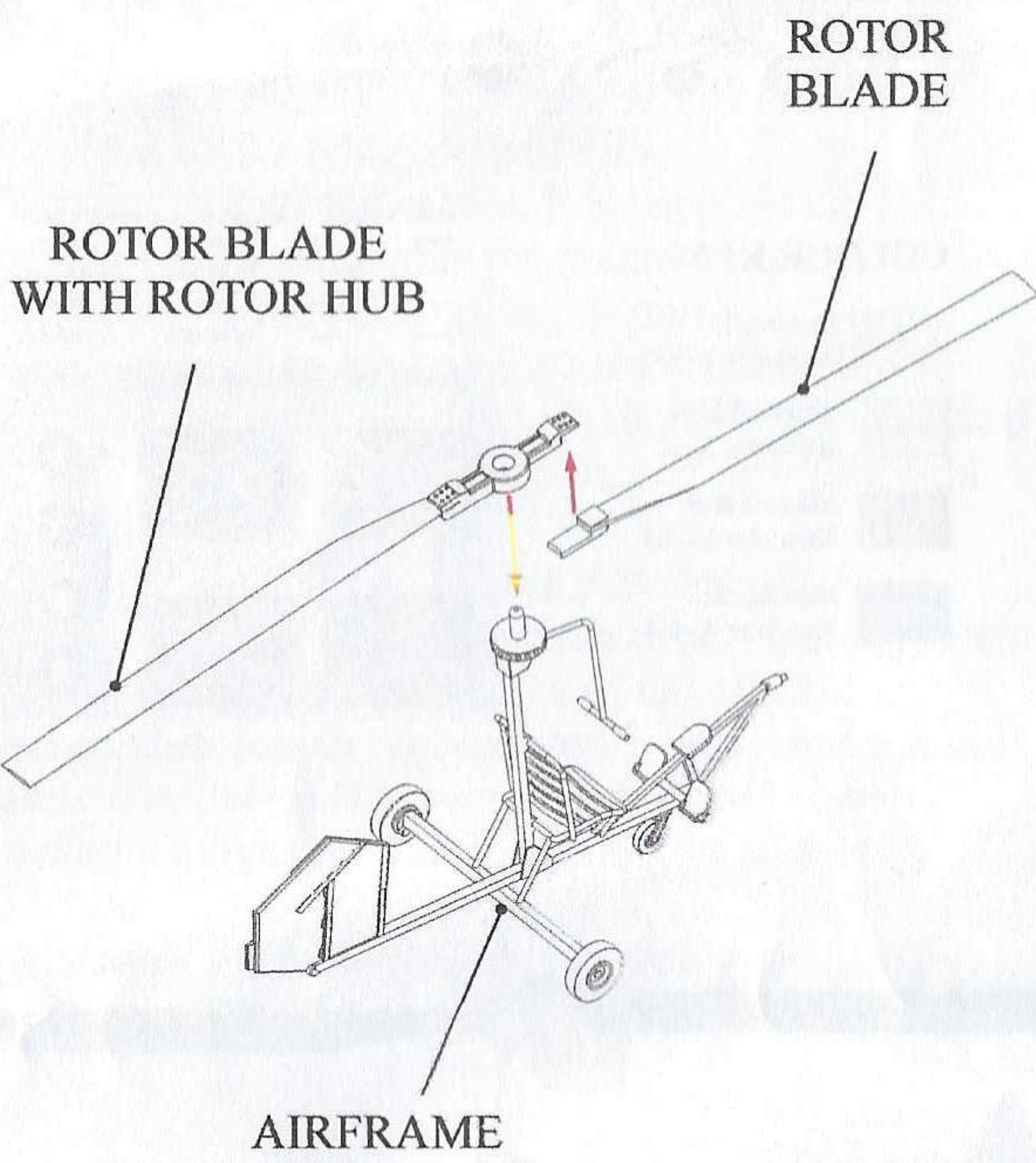
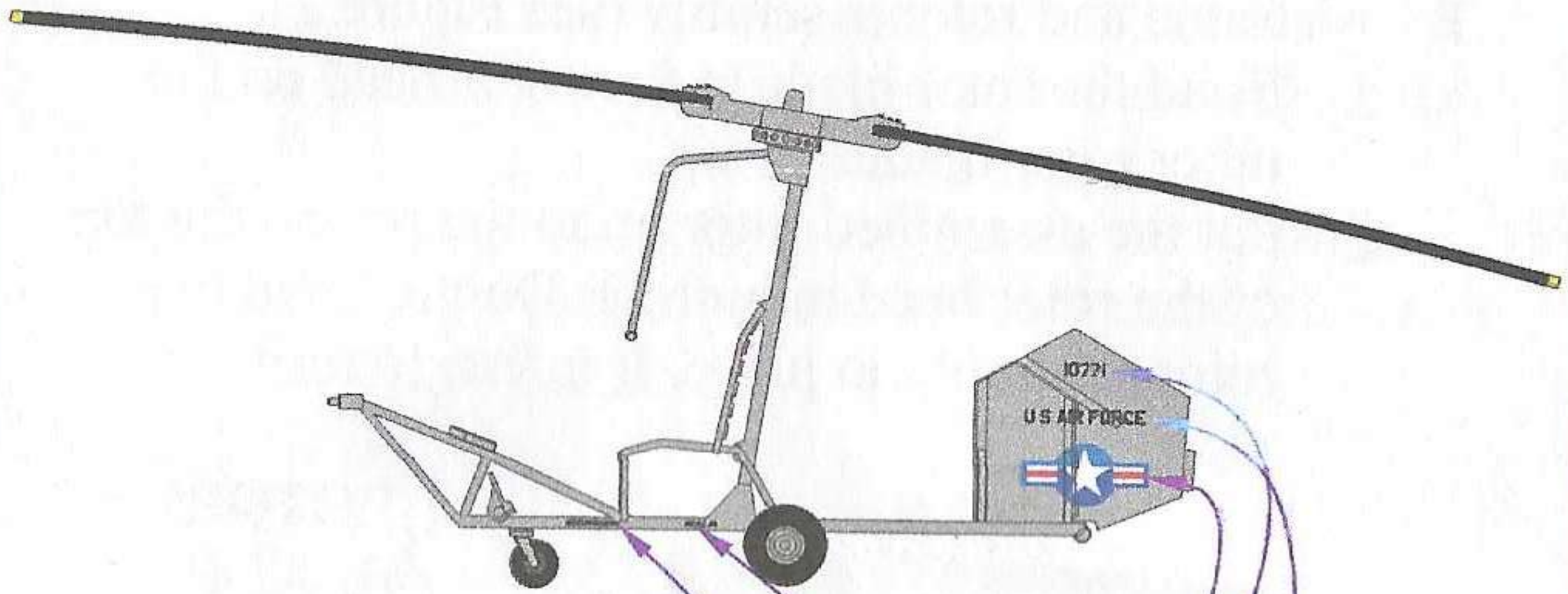


Figure 2

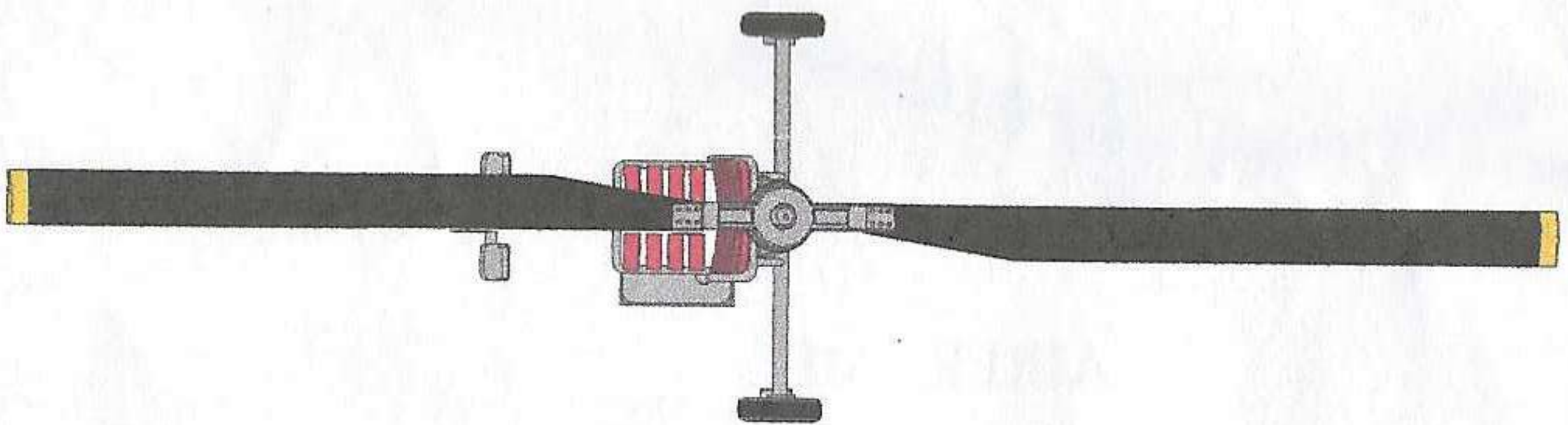


COLOUR KEY

- Duralumin
Xtracolor X-500
- Trainer Yellow
Xtracolor X-11
- Insignia Red
Xtracolor X-103
- Matt Black
Xtracolor X-404

1:NN X-25A/B - © Aircraft In Miniature Ltd 2021			
		10771	10772
		U.S. AIR FORCE	U.S. AIR FORCE
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		U.S. AIR FORCE	U.S. AIR FORCE

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N8422	N8422	★	
N8422	N8422	★	



X-25B - Glider version

NOTES

NOTES

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The manufacturers reserve the right to alter, add,, or delete parts without prior notification, in the interests of quality control, production, or product improvement. E & O E.

This kit is made in England

Aircraft In Miniature Limited

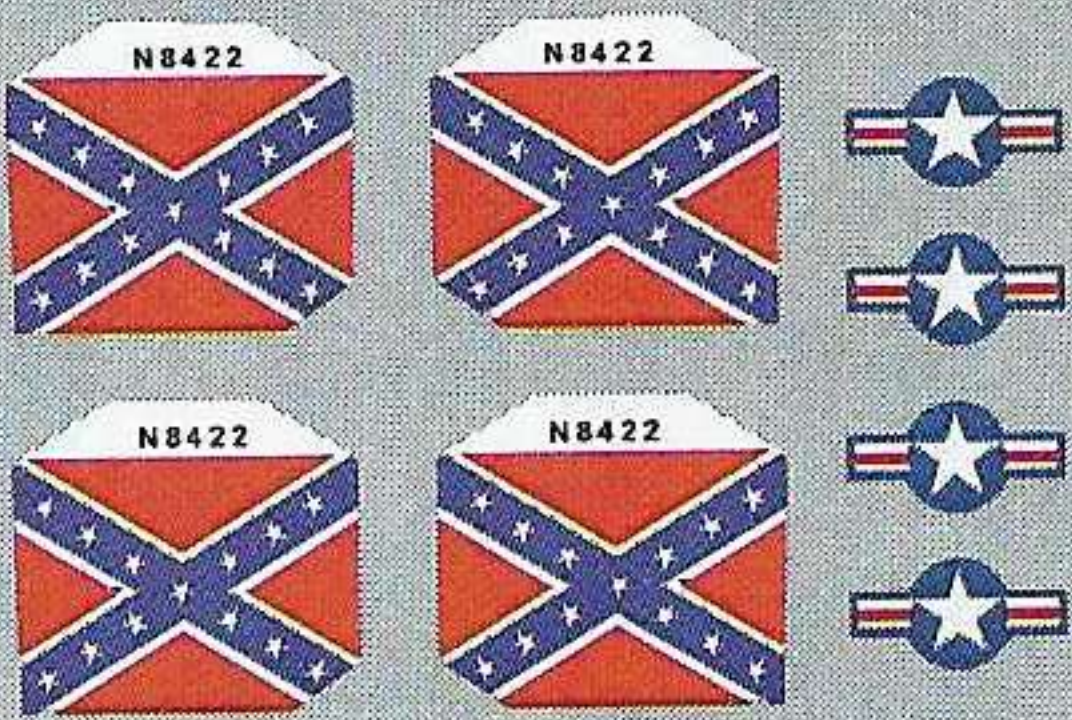
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CV11 6JJ, England**

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LASER PRINTED TRANSFERS/DECALS

These transfers are laser printed. This means that the carrier film covers the complete surface of the sheet. Trim each transfer as close as is practical to the edge of the graphic. Handle them carefully, to prevent damage to the graphics, and apply a varnish or lacquer to protect them after application.

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1:72 X-25A/B - © Aircraft In Miniature Ltd 2021

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