

HELI-MAX™

PERFORMANCE PARTS

BLADE BALANCER INSTRUCTIONS

Congratulations and thank you for purchasing the Heli-Max Blade Balancer. Flying with accurately balanced helicopter blades is critical for vibration free operation, reduced maintenance, and more power from smoother rotation. Your new Blade Balancer is capable of balancing virtually any blade with a drag bolt diameter of 2.5mm, 3mm, 4mm, and 5mm.

FEATURES

The Blade Balancer is supported on both ends with dual 6x12mm ball bearings for precision leveling. An easy to read bubble level can be calibrated with a fine tuning brass dial for dead-on precision. Blades can be balanced on a non-level work surface because of the sturdy, pivoting base.

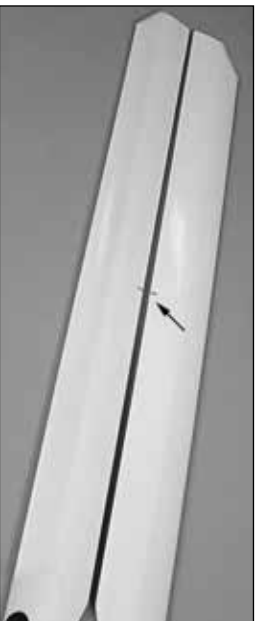
USING YOUR BLADE BALANCER



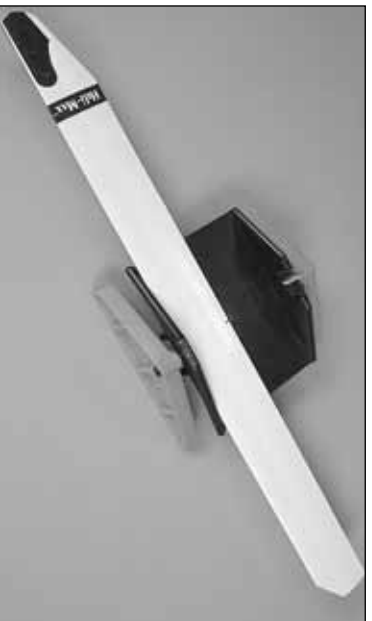
Prepare the balancer for use by rotating the brass adjustment dial until the bubble in the vial indicates level. Make sure that the blade balancer does not move during this process.



The first step for balancing is finding the center of gravity of the two blades. Place one blade onto the balancer with the leading edge against the side with the level. Shift the blade on the balancer until the bubble indicates level. The middle of the black balancing tray is now at the C.G. of this blade. Mark this position on the blade with a felt tip pen.



Line the ends up of both blades and transfer the mark you made on blade one to blade two.



Position the blade with the transferred mark onto the center of the balancing tray. In order for the C.G. of both blades to match, add balancing tape or electrical tape to the lighter end until the bubble indicates level. If the ends of the tape overlap, be sure that the overlapping end points to the trailing edge of the blade.



Your Heli-Max Blade Balancer includes (4) different sizes of blade mounting plates and a nylon mounting bolt. Select the mounting plate that best fits the holes in the blade grips. Secure the mounting plate and two blades to the balancer with the nylon mounting bolt.



Add tape to the C.G. of the lighter blade until the two balance according to the bubble level. Using a different colored tape in this step will help with remembering the two types of balancing done should adjustments need to be made in the future.

ONE YEAR WARRANTY STATEMENT

USA and Canada Only

Heli-Max warrants this product from defects in materials and workmanship for a period of one year from the date of purchase. During that period, Heli-Max will, at its option, repair or replace without service charge any product deemed defective due to those causes. You will be required to provide proof of purchase (invoice or receipt). This warranty does not cover damage caused by abuse, misuse, alteration or accident. If there is damage stemming from these causes within the stated warranty period, Heli-Max will, at its option, repair or replace it for a service charge not greater than 50% of its then current retail list price. Be sure to include your daytime telephone number in case we need to contact you about your repair. This warranty gives you specific rights. You may have other rights, which vary from state to state.

For service on your Heli-Max product, warranty or non-warranty, send it post paid and insured to:

HOBBOY SERVICES
3002 N. Apollo Drive, Suite 1

Champaign, IL 61822

Attn: Service Department

Phone: (217) 398-0007 9:00am - 5:00pm Central Time M-F

E-Mail: hobby/services@hobbico.com

We can also be reached on the internet at: www.destirc.com/helimax

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