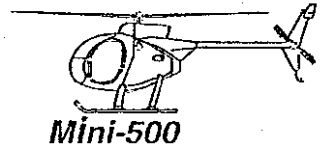




REVOLUTION

HELICOPTER CORP., INC.



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August 28, 1996

Service information letter #082896

Subject: Initial blade pitch setting

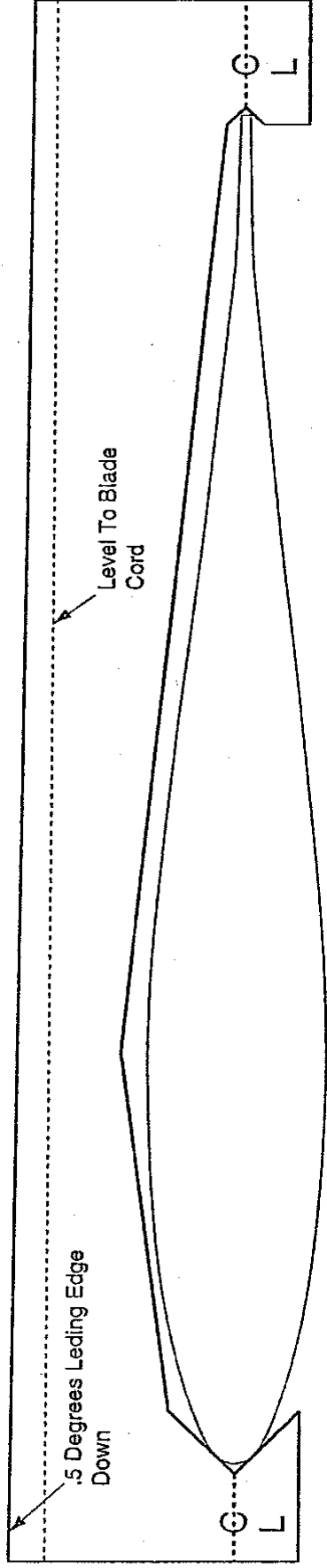
Applicability: All Mini-500's

Some customers are wanting to know the trick to setting the pitch on the main rotor blades. Part of the problem is that you would need a protractor to determine the correct pitch angle. Included in this information letter you will find a template that you can use to make a device that will allow you to set the pitch with only the use of 2 bubble levels.

PROCEDURE:

1. Cut out the template and glue it to a piece of 1 X 4 pine wood. Carefully cut the wood out to match the template.
2. Put the collective in the full down position and lock it in place. Turn the blades so that they are in the forward & aft position, over the tail and nose of the aircraft.
3. Place one level on the upper control block #0016. Section 5 page 3 fig. 8 in the assembly manual. Level the control block.
4. Slip the wooden block you fabricated over the tip of one of the blades and set another level on top of the block. By adjusting the pitch link for that blade, make it also read level.
NOTE: The wooden block is cut so that when it shows level the blade will be .5 degrees leading edge down. This is the correct setting.
5. Repeat the procedure for the other blade.

If you have any questions please contact Revolution Helicopter at (816) 637-2800.



.5 Degrees Leading Edge
Down

Level To Blade
Cord

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