

# BLADE TAPE MARKING TOOL



**M**echanics, in the desert, Chinook rotor blades don't take a lickin' and keep on... well, you get the point.

You've got to use the fiberglass rotor blade tape kit, NSN 1615-01-529-8073, in the desert to reduce rotor blade leading edge erosion. This NSN replaces the old tape, NSN 1615-01-180-2624.

If you don't use tape, the leading edge of the blades will wear down quickly from the sand and dust in the air. Then you'll have to replace them.



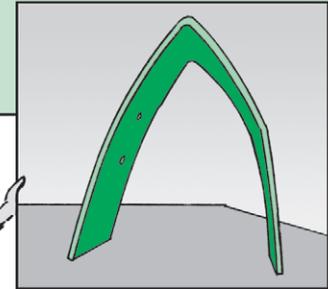
If blade tape is not installed right, you'll have to go through the difficult process of removing it and starting over. That's not an easy task, because the tape's a mess to remove.

You can have your structural repair shop make a tool that helps mark the blade for correct installation of the blade tape so you won't have to guess where the tape goes.

Here's how to make the marking tool:

- Use a thin piece of easily bendable scrap aluminum about 10 inches long and three inches wide. Deburr the edges.
- Bend the aluminum 90 degrees. Then lay it over the rotor blade leading edge and bend the aluminum to match the contour of the blade.
- Measure five inches back from the nose on the top and three inches on the bottom. Drill a 1/16-in hole in the center line of the aluminum at each of these locations and deburr the hole.
- Then measure back one inch from the nose on both the top and bottom and drill two more 1/16-in holes and deburr.

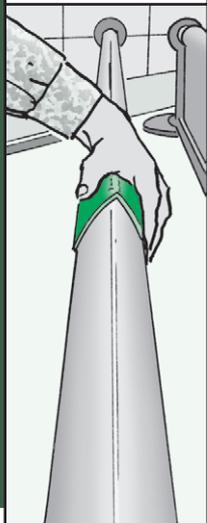
YOUR TOOL SHOULD LOOK LIKE SO WHEN PLACED ON A BLADE THAT'S BEEN PREPARED FOR BLADE TAPE.



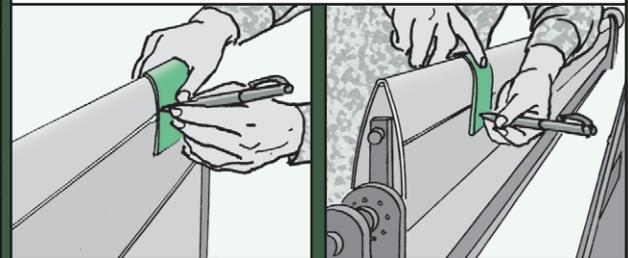
When done, you can easily mark where the 8-in and 2-in wide blade tape should be applied without guessing.

This is done by sliding this tool along the rotor blade leading edge with a pencil marker inserted in the appropriate holes. Install the tape by following to the letter the detailed instructions included in the kit.

Place tool over blade's leading edge



With marker, slide tool across blade's leading edge to mark for tape, following instructions for application



Apply tape using instructions and diagram

