



## Leading Edge Restoration and Protection

### Objectives:

- ⤴ Increase energy capture
- ⤴ Prevent catastrophic failure
- ⤴ Prolong the life of the blade
- ⤴ Increase productivity
- ⤴ Reduce downtime

### Restoration Process:

- ⤴ Fiberglass laminates restored to OEM specifications
- ⤴ Blade is restored to original shape
- ⤴ Template is used to confirm airfoil matches original specs
- ⤴ Flexible tough fairing compound is used

### Protection:

- ⤴ After restoration, the LE should be protected
- ⤴ Prolongs life of leading edge
- ⤴ Can be done while on the repair
- ⤴ Two methods of protection are recommended:

### 3M Leading Edge Tape

- ⤴ Standard in the industry
- ⤴ Clear Polyurethane tape is applied over final painted surface

### Mankiewicz ALEXIT<sup>®</sup> BladeRep LEP 9

- ⤴ Polyurethane based coating with anti erosion additives
- ⤴ Applied over fairing compound
- ⤴ Can substitute as the final paint
- ⤴ Can be rolled on



**Don't let this  
cost you \$\$\$\$**



**Call the experts  
at WES**