Planning Information

Background:
To improve the environmental protection behavior of the natural MT-Propeller composite blades and stainless steel leading edge on some applications. Carbonfiber is applied on the blade surface and on/or below the stainless steel leading edge.

Effected parts:
MT - Propeller Constant Speed Propeller Blades of the type:

C188-18b / C190-18b / C193-18b / ( )198-25 / ( )225-37a:
- 2 layers of fiberglass 92110 are applied on the blade with 45° orientation up to blade radius station 30 cm / 11.81 inch, measured from the blade ferrule bottom 22.5 cm / 8.86 inch.
- 2 layers of Carbonfiber 98140 (optional style Carbonfiber 449, 450 or 43193) are applied on the blade with 45° orientation on the complete remaining blade till the blade tip.  
  *No Fiberglass in this area*

( )180-59 / ( )180-59b / ( )183-17e (-A), ( )183-59 / ( )183-59b / ( )188-59b :
- 2 layers of fiberglass 92110 are applied on the blade with 45° orientation up to blade radius station 30 cm / 11.81 inch, measured from the blade ferrule bottom 22.5 cm / 8.86 inch.
- 2 layers of Carbonfiber 98140 (optional style Carbonfiber 449, 450 or 43193) are applied on the blade with 45° orientation on the complete remaining blade till the blade tip.  
  *No Fiberglass in this area*

During installation of the leading edge 2 layers of 98140 (or KDU 1007) Carbonfiber, 0/90° orientation below the entire leading edge.

CFRL250-55b:
- 2 layers of fiberglass 92110 are applied on the blade with 45° orientation up to blade radius station 35 cm / 13.8 inch measured from the blade ferrule bottom 22.5 cm / 8.86 inch.
- 2 layers of Carbonfiber 98140 (optional style Carbonfiber 449, 450 or 43193) are applied on the blade with 45° orientation on the complete remaining blade till the blade tip.  
- 1 layer Carbonfiber 98140 (optional style Carbonfiber 449, 450 or 43193) are applied on the blade with 45° orientation on the last 10 cm / 4 inch up to the blade tip.  
  *No Fiberglass in this area*

Work Procedure:
The additional layers are applied according to procedures shown in the applicable MT-Propeller Overhaul Manual.

Publications Affected:
Overhaul Manual: E-1290