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**Nickel Leading Edges for improved Erosion Behavior
compared to the Stainless-Steel edge on Blade type CFRLD280-65**

Type Affected: MTV-16-1-N-C-F-R(P) / CFRLD280-65 with electric de-ice or without electric de-ice.

Advantages: The Nickel leading edge is 2 times harder compared to the stainless-steel leading edge.

The Nickel Leading edge provides outstanding protection against rain, hail erosion, sand, dust and airborne particles. Especially during reverse and ground operation, the blade erosion is reduced due to the Nickel leading edge.

The Nickel leading edge has a much longer service life and is more durable compared to the stainless-steel leading edge.

Because of the high-wear resistance it minimizes the need of frequent Inspections.

The Nickel leading edge has a higher environmental resistance to the blade surface against erosion, corrosion and high temperature fluctuations.

The additional glued on leading edge protection strip is no longer needed in construction with the Nickel leading edge.

Due to the production method, the weight is not affected and well within the manufacturing tolerances of the original blade type CFRLD280-65 with stainless-steel leading edge.

MT Propeller will not change the part number, because the exchangeability is given between all the blades.

No impact on airworthiness or certification.

The part will get a new number in the MT-Propeller SAP system only, like CFRLD280-65_N, to identify.

Prepared by:  Andreas Seperant	Original Issue: May 7 th , 2026	Checked / Approved: Office of Airworthiness  Martin Albrecht
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