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Date: May 9, 2024

Subject: ERA22LA427, Wing Rib Information

Contact: Kamron Blevins, President of North Wing, Inc.

As part of the investigation, Mr. Kamron Blevins, President of North Wing, Inc., was contacted at [REDACTED] to get Information concerning the ribs in each wing. From the maintenance records, a North Wing GT5 13.5m wing was installed on November 21, 2016. The specification of the wing from the company web site is depicted in Figure 1 below.

<i>Quest GT5 13.5 Specifications</i>	
Wing Weight	119 lbs.
Gross Weight	1060 lbs.
Wing Area	148 square feet
Span	31.5 feet
Aspect Ratio	6.7 : 1
Double Surface	80%
Frame	6061 / 7075
Sail - main body	240g Stabilized Dacron
# of Ribs - top	24
# of Ribs - lower	12
Rib Material	7075-T6

Figure 1: Wing Specifications From Web Site.

Mr. Blevins indicated that the number of upper and lower ribs in the specification are total for the entire wing. He also indicated on May 9, 2024, at 1118 EDT, that the lower or forward ribs, which were straight, were held in place by a pocket in the sail, while the upper or aft ribs, which were curved providing the wing camber were secured with either a string or flip top.