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9 Cleveland Cloudster 600 - ACAD Wing Planform and Rib Drawings

1 message

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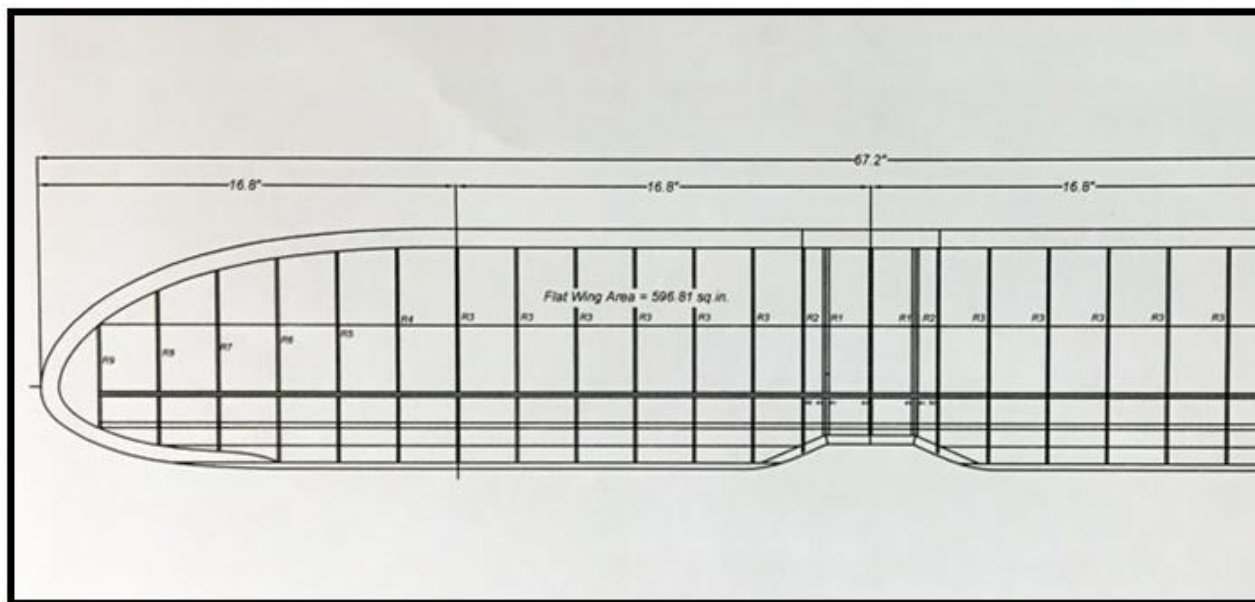
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Report No. 9

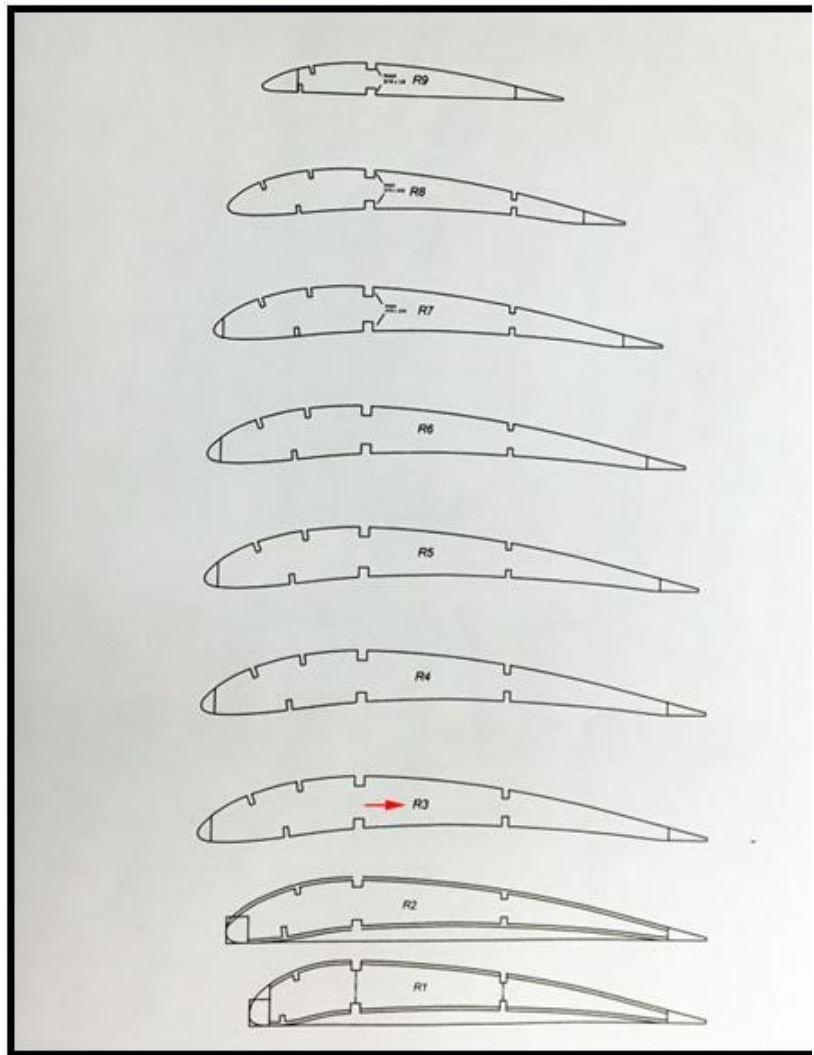
Cleveland Cloudster 600

July 21, 2020

The plans for the original 354.52 sq. in. Cleveland Cloudster were to be scaled up to 600 sq. in. The actual wing area came out 596.81 sq. in. as shown on the drawing below. This required a change in updating the spar design. My good friend Alfredo Herbon in Argentina developed a new wing planform and modified the rib spar design. Alfredo e-mailed me the full size drawing program to open the DWG file and print out the small wing planform drawing shown below. The planform drawing full size from DWG file which I will have them do soon.



Alfredo also developed the patterns for all nine (9) wing ribs shown below. Again I used the Tr file and print out the small rib drawings shown below. Notice that the wing's inner panel R3 rib



Using the TrueView program again to open the DWG file and select only the R3 rib pattern draw my HP laser printer as shown below. The high degree of precision of the ACAD drawings is not With Alfredo's help, he has saved me literally hours upon hours of manual drawing time by com drawing and all of the rib patterns on his ACAD program.....Tandy

