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If a Performance Chart Could Speak: Learning Your Airplane



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Catherine Cavagnaro

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2020 FAA CFI of the Year 2018 FAA Safety Representative of the Year Member, Tennessee Aviation Hall of Fame



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If a Performance Chart Could Speak: Learning Your Airplane

* Weight and Balance

* Takeoff Performance



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Weight and Balance

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New airplane, new W&B

Check that center of gravity By Catherine Cavagnaro



THE AEROBATIC Beechcraft Bonanza *Niky* was a perfect fit for Catherine Cavagnaro and her family—once Cavagnaro made an avionics upgrade that changed the weight and balance and made more of the useful load available.







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FUEL 42.2"

A152

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P&E PERFORMANCE

What matters most

If a performance chart could talk BY CATHERINE CAVAGNARO





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Pressure Altitude

= FIELD ELEVATION + 1000(29.92-ALTIMETER SETTING)

- = 7284 + 1000(29.92 30.32)
- = 7284 + 1000(-0.40)
- = 7284 400
- = 6884



LIVE























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What matters most

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Learning to call BS

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If a Performance Chart Could Speak: Learning Your Airplane

Thank you for attending!



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