

XP-72 Build

4

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To figure out the Center of Gravity and balance the model we used the same method used on full size airplanes. The wheels were placed on scales. The aircraft was leveled, the designers CG was added to the into the equation and the Xicoy computer indicated how much weight and where to place it to achieve the desired CG.





Drawn on the bench we have the aircraft centerline, the location of each of the wheels on the scales and the nose of the aircraft relative to zero is entered.

Jim Lake hand calculated the CG faster than I was able to enter the data in the computer. He has beaten me several times on different aircraft.



A few days before the aircraft was balanced using a mechanical balancer I have built on the end of my bench. We were just wondering how close we were to the correct CG before we added the paint. It was surprising how close we were. I have no doubt this plane would have flown with no further balance refinements.

