

**From:** Mike Council  
**Sent:** Thursday, November 06, 2014 3:31 PM  
**To:** Mike Council  
**Cc:** John Kent  
**Subject:** RE: Pueblo, CO, Beech 35-C33A, N72XW, July 27, 2014

Scotty,

I did a little research and found that the distance from Shawnee, OK to Pueblo, CO is 464 nautical miles, straight line. See below. This does account for any maneuvering in and after departure or arrival and entering the pattern.

If the pilot was cruising at 160 knots average, it would take 2.9 hours to travel this distance. An IO550 will burn close to 16 gallons per hour in cruise which would mean that he probably used around 46.4 gallons, and this does not account for the fuel flow at takeoff (approximately 26 GPH ). If you subtract 46.4 gallons from the 74 gallons useable, you would have approximately 27.6 gallons remaining. If 25 gallons were recovered from the right wing, that would leave 2.5 gallons to account for. At best, this is less than legal VFR reserves.

In the test cell, we connected the fuel and the engine started.

| Travel Route:                         |                  |               |
|---------------------------------------|------------------|---------------|
| Shawnee Airport, Shawnee, OK (SNL) to |                  |               |
| Pueblo Arpt, Pueblo, CO (PUB)         |                  |               |
| One Way Distances:                    |                  |               |
| Distance                              | 464 miles        | 747 km        |
| Elite bonus                           | 0 miles          | 0 km          |
| Class of service bonus                | 0 miles          | 0 km          |
| Special promotion bonus               | 0 miles          | 0 km          |
| <b>TOTAL</b>                          | <b>464 miles</b> | <b>747 km</b> |

I've been a Bonanza owner/pilot for 20 years!



Continental Motors  
Air Safety Investigator

