Abstract. We prove that Thompson’s group $F(n)$ is not minimally almost convex with respect to the standard finite generating set. A group $G$ with Cayley graph $\Gamma$ is not minimally almost convex if for arbitrarily large values of $m$ there exist elements $g, h \in B_m$ such that $d_{\Gamma}(g, h) = 2$ and $d_{B_m}(g, h) = 2m$. (Here $B_m$ is the ball of radius $m$ centered at the identity.) We use tree-pair diagrams to represent elements of $F(n)$ and then use Fordham’s metric to calculate geodesic length of elements of $F(n)$. Cleary and Taback have shown that $F(2)$ is not almost convex and Belk and Bux have shown that $F(2)$ is not minimally almost convex; we generalize these results to show that $F(n)$ is not minimally almost convex for all $n \in \{2, 3, 4, \ldots\}$. 