

Calc request from Br3ndan and T0m. Gonna get cracking with [this feat](#) (18:31). The assumptions will be very simple. We see Masane's foe put his arm up to try and shoot her while she steps on him. Masane is 165 cm so I'll use [this](#). So this ought to be a very simple thing to calc:



534px = 0.389 meters

960px = 0.699 meters

Ok... with just this and the height we have of Masane, the distance from the bullets to her torso and upper body is...

1.65 meters - 0.699 meters = 0.951 meters

Nice. Now for the distance she moved? I'll assume she at the very least jumped her full body height as that's a reasonable assumption for what the distance appears to have been jumped since it does appear to be greater than that. As for the muzzle speed? Due to the belt mag that is seen on the enemy's shoulder, I'll assume LMG muzzle speeds. At least that of a [Bren's LMG](#) which is around 743 m/s.

So... Using all this gets us...

Speed:  $(1.65 \text{ meters} / 0.951 \text{ meters}) \times 743 \text{ m/s} = 1289.1167192429022082 \text{ m/s}$  or Mach 3.79 (**Supersonic+**)