

Card goes to	Card needed	probability	
Opponent (O)	5	$\frac{4}{52}$	
Dealer (D)	$\sim 5(3), \sim 3 \text{ Jacks}$	$\frac{45}{51}$	(3 Jacks of same suite as remaining 3 5's)
O	5	$\frac{3}{50}$	
D	$\sim 5(2), \sim 2 \text{ Jacks}$	$\frac{45}{49}$	(2 Jacks of same suite as remaining 2 5's)
O	5	$\frac{2}{48}$	
D	$\sim 5, \sim \text{Jack}$	$\frac{45}{47}$	
O	J	$\frac{1}{46}$	(needs to be Jack of different suite than 1 st 3 fives)
D	$\sim 5(1)$	$\frac{44}{45}$	
O	$\sim 5(1)$	$\frac{43}{44}$	
D	$\sim 5(1)$	$\frac{42}{43}$	
O	$\sim 5(1)$	$\frac{41}{42}$	
D	$\sim 5(1)$	$\frac{40}{41}$	
Cut	5	$\frac{1}{40}$	