



M4/M4A1

*Class I MRBEFF = 600



Weapon Type	Magazine Type	M855A1			Mk318 Mod 0		
		# Class I Failures	Rds Complete	PE MRBEFF	# Class I Failures	Rds Complete	PE MRBEFF
M4/M4A1	EPM	11	4800	436	24	4800	200
M4/M4A1	Legacy	0	4800	4800	13	4800	369
M4/M4A1	Vendor A	2	4800	2400	5	4800	960
M4/M4A1	Vendor B	2	4800	2400	37	4800	130

Weapon Type	Magazine Type	Remarks
M4/M4A1	EPM	9 of 11 M855A1 were light hits. 17 of 24 M4/Mk318/EPM failures were due to the trigger not resetting
M4/M4A1	Legacy	12 failures were either bolt over base or round stuck failures, 1 was trigger did not reset
M4/M4A1	Vendor A	Both of the M855A1 failures were same weapon, same magazine, same day, light hits. All 5 Mk318 failures were same weapon, same magazine, same day, trigger did not reset
M4/M4A1	Vendor B	These failures occurred across 4 M4s, more than 10 magazines. These were all either bolt over base or round stuck failures



M16A4

*Class I MRBEFF = 600



Weapon Type	Magazine Type	M855A1			Mk318 Mod 0		
		# Class I Failures	Rds Complete	PE MRBEFF	# Class I Failures	Rds Complete	PE MRBEFF
M16A4	EPM	15	4800	320	1	4800	4800
M16A4	Legacy	7	4800	686	42	4800	114
M16A4	Vendor A	3	4800	1600	0	4800	4800
M16A4	Vendor B	6	4800	800	49	4800	98

Weapon Type	Magazine Type	Remarks
M16A4	EPM	All 15 A4/EPM/M855A1 failures occurred on the first day, and all but 1 were due to the magazine being knocked out of the mag well. That failure has not occurred since.
M16A4	Legacy	5 of 7 M855A1 failures were light hits. Most of the Mk318 failures were either bolt over base or round stuck failures
M16A4	Vendor A	All 3 of these failures were light hits
M16A4	Vendor B	All but one of the M855A1 failures were light hits. Most of the Mk318 failures were either bolt over base or round stuck failures



M27

*Class I MRBEFF = 900



Weapon Type	Magazine Type	M855A1			Mk318 Mod 0		
		# Class I Failures	Rds Complete	PE MRBEFF	# Class I Failures	Rds Complete	PE MRBEFF
M27	EPM	8	4800	600	3	4800	1600
M27	Legacy	0	4800	4800	0	4800	4800
M27	Vendor A	0	4800	4800	0	4800	4800
M27	Vendor B	0	4800	4800	1	4800	4800

Weapon Type	Magazine Type	Remarks
M27	EPM	All 8 M855A1 failures were either bolt over base or round stuck failures. 5 occurred w/M27C-2, 2 w/M27C-4 and 1 w/M27C-1. M27C-3 had no failures. All Mk318 failures light hits.
M27	Legacy	No failures
M27	Vendor A	No failures
M27	Vendor B	One round stuck failure