




















TOP-PERFORMING GROUP

VICIS Zero1 01 (2017) ¹	
Schutt Air XP Pro VTD II 789902 (2017) ¹	
Schutt Air XP Pro VTD 789901 (2015)	
Xenith Epic+ (2017) ¹	
Xenith X2E+ (2017) ¹	
Xenith Epic (2015) ²	
Riddell Speed R41190 (2017)	
Schutt DNA Pro+ 202201 (2015) ²	
Riddell Revolution Speed R41190 (2015)	
Schutt Vengeance DCT 204001 (2015)	
Xenith X2E (2015) ²	
Riddell Speed Icon R41197 (2017) ¹	
Riddell Foundation R41179 (2017) ³	
Schutt Vengeance VTD 204800 (2015)	

Riddell Speed Classic Icon R41198 (2017) ¹	
Riddell SpeedFlex R41195 (2017)	
Schutt Vengeance Z10 204101 (2017) ¹	
Riddell Revolution Speed Classic R41179 (2015) ³	
Schutt Vengeance VTD II 204801 (2015)	
Schutt Air XP Pro Q10 788900 (2017) ¹	
Schutt Vengeance Pro 204301 (2017) ¹	
Riddell Revolution R41139 (2015) ²	
Schutt Vengeance Pro 204300 (2016)	
SG Varsity (2016) ²	
Rawlings Quantum (2015) ²	
Schutt Vengeance Z10 204100 (2016)	
Rawlings Impulse + (2015) ²	
Rawlings Tachyon (2015) ²	
Schutt Air XP Pro 789102 (2015)	
Riddell VSR-4 R41133 (2015) ²	
SG 2.0 (2015) ²	
Rawlings Impulse (2015) ²	
Schutt Air XP 789002 (2015) ²	

¹New models not previously worn by NFL players
²Discontinued model
³Riddell Speed Classic was renamed Riddell Foundation in 2017



2017 HELMET LABORATORY TESTING PERFORMANCE RESULTS

THE NFL, IN COLLABORATION WITH THE NFLPA, THROUGH THEIR RESPECTIVE APPOINTED BIOMECHANICAL EXPERTS, COORDINATED EXTENSIVE LABORATORY RESEARCH ON 33 HELMETS TO DETERMINE WHICH HELMETS BEST REDUCED HEAD IMPACT SEVERITY.

Helmets are listed within each group in order based on their performance in the laboratory testing. The performance of each helmet is illustrated on the bar graph, with a shorter bar representing better performance. The rankings are based exclusively on the ability of the helmet to reduce head impact severity measures in laboratory testing. Issues with helmet fit, retention and long-term durability are not addressed in these rankings. The Top-Performing Group consists of helmets whose performance was not statistically different from the top-ranked helmet. The information presented here is based solely upon the results of this research and the expert opinions of the scientists involved.

The laboratory test conditions were intended to represent potentially concussive head impacts in the NFL. The results of this study should not be extrapolated to collegiate, high school or youth football.