

CFD FLOW SIMULATION

SEMIFAIRING DARKNIGHT

REF.21213

AERODYNAMIC TEST

**HARLEY DAVIDSON SOFTAIL
STREET BOB FXBB**

2021 -



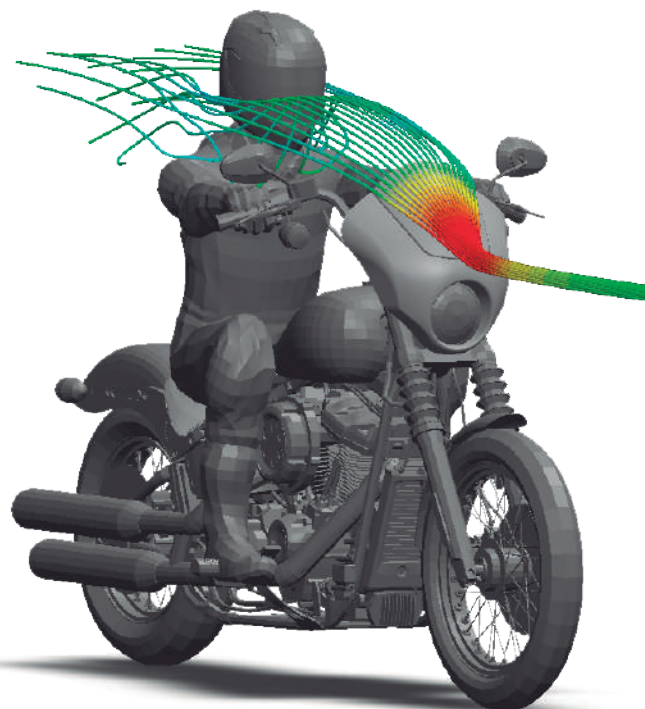
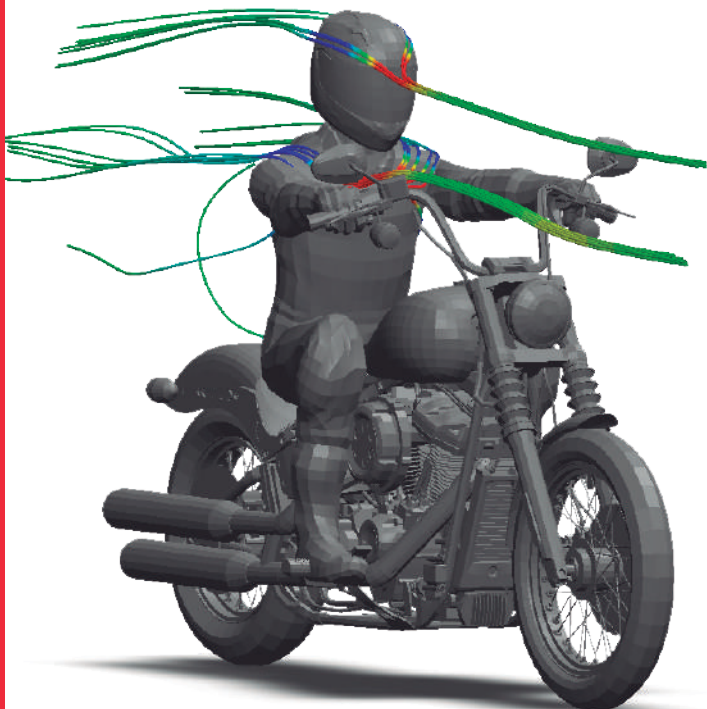
AIR FLOW & PREASSURE COMPARISON

OEM

WITHOUT WINDSHIELD



SEMIFAIRING DARKNIGHT



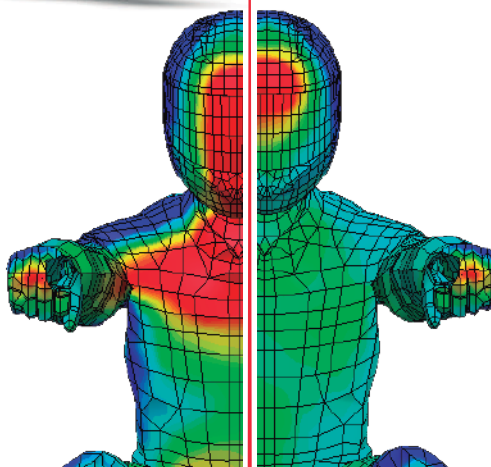
HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **2,3 Kg**

INCREASE WIND PROTECTION

42% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

SPEED	120 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION		Standard
LATERAL WIND		No