

CFD FLOW SIMULATION

# WINDSHIELD NG TOURING

REF.20645

AERODYNAMIC TEST

**YAMAHA MT-09**  
2021-

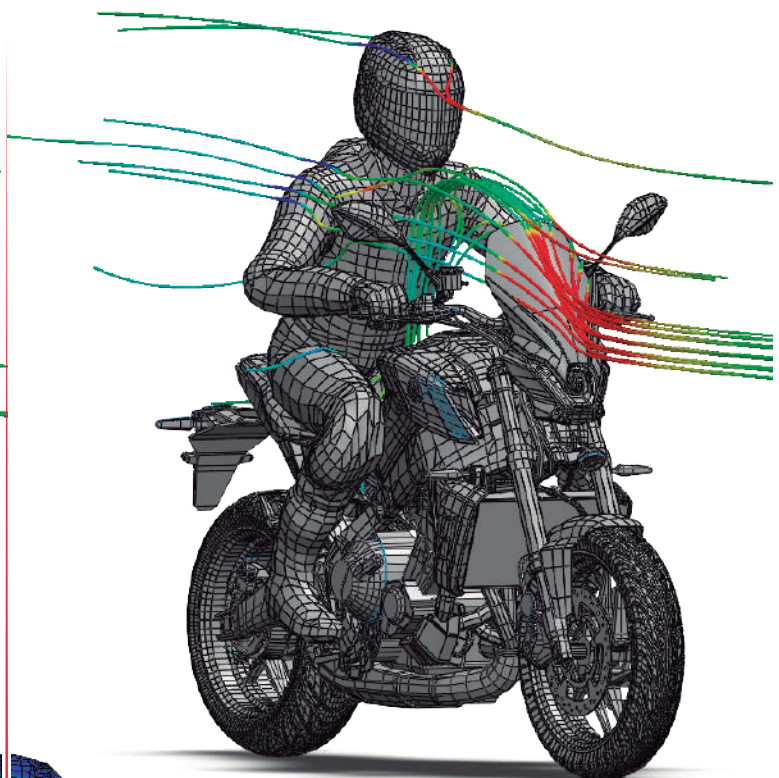
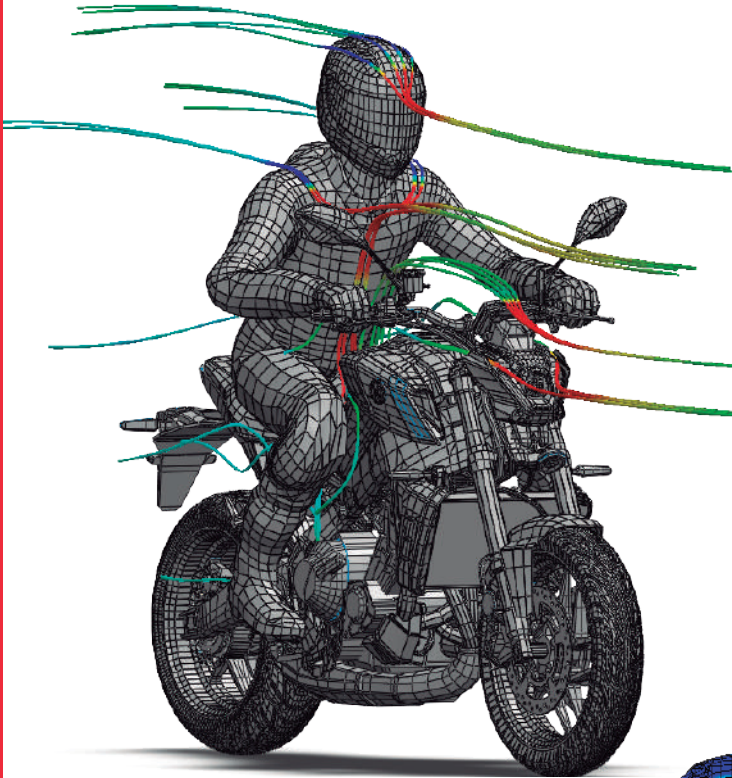


AIR FLOW & PREASSURE COMPARISON



ORIGINAL SCREEN

WINDSHIELD NG TOURING



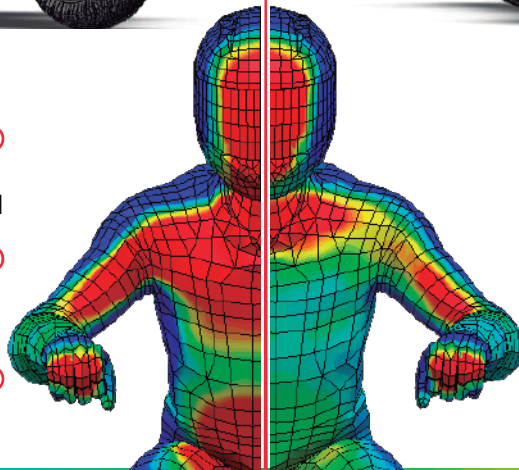
HELMET PROTECTION



UPPER BODY PROTECTION



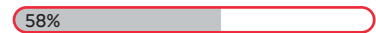
LOW BODY PROTECTION



HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **5,6 Kg**

INCREASE WIND PROTECTION

**47%** WITHOUT LOSING  $C_x$

AERODYNAMIC TEST CONDITIONS

VSPEED	150 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION		Standard
LATERAL WIND		No