

CFD FLOW SIMULATION

UPPER DEFLECTORS

REF.20420

AERODYNAMIC TEST

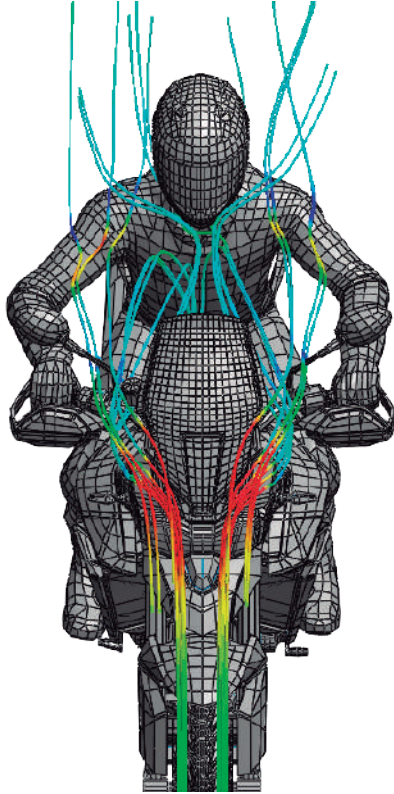
**TRIUMPH TIGER 900 / GT /
GT PRO / GT LOW / RALLY / RALLY PRO
2020 -**



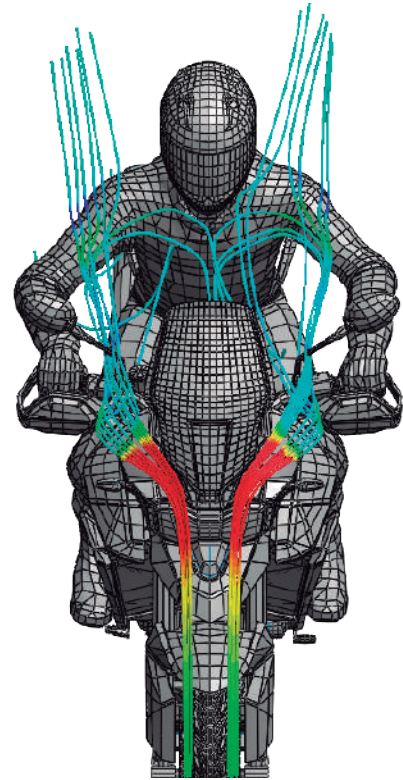
AIR FLOW & PREASSURE COMPARISON



ORIGINAL DEFLECTORS



UPPER DEFLECTORS



HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



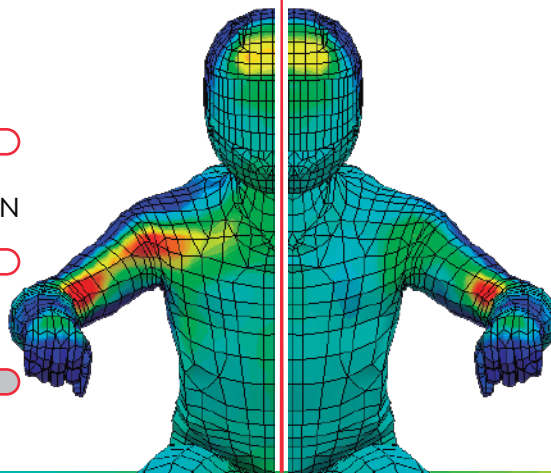
HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG DEFLECTORS IS EQUIVALENT TO 1 Kg

INCREASE WIND PROTECTION

39% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

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

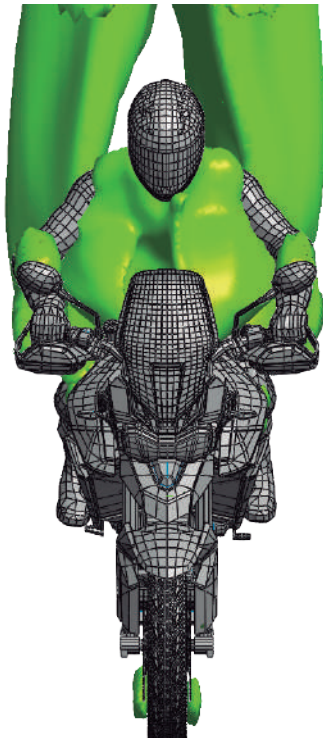
ACOUSTIC POWER LEVEL COMPARISON

55dB zone:

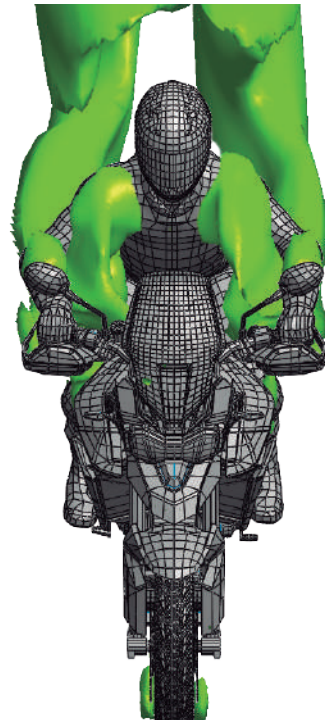
The green cloud that we can see in the following images defines the area affected by a sound level of 55dB. As we can see, when mounting the puig deflectors, we managed to remove all that annoying sound from the helmet area.



ORIGINAL DEFLECTORS

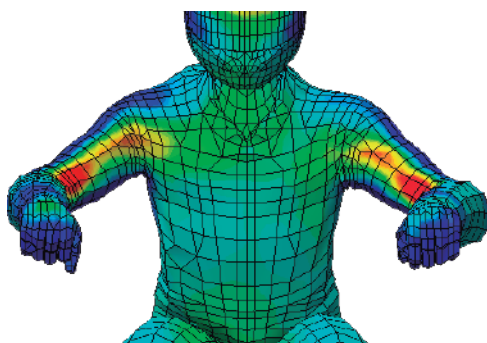


UPPER DEFLECTORS



PREASSURE COMPARISON

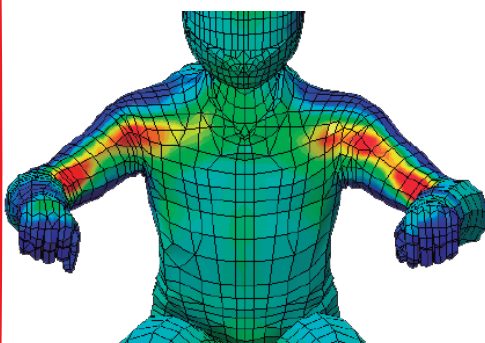
ORIGINAL DEFLECTORS (LOW POSITION SCREEN)



ARMS & HANDS PROTECTION



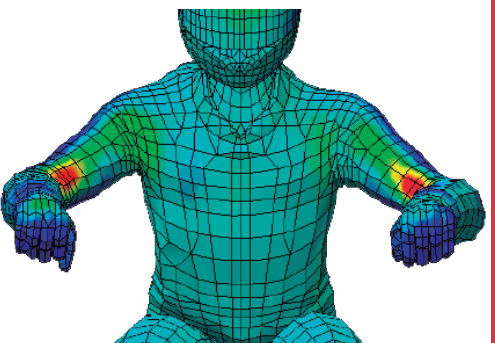
ORIGINAL DEFLECTORS (HIGH POSITION SCREEN)



ARMS & HANDS PROTECTION



UPPER DEFLECTORS (HIGH POSITION SCREEN)



ARMS & HANDS PROTECTION



LOW PRESSURE

HIGH PRESSURE