#### LAND ROVER IS APPLYING AUTOMOTIVE AERO EFFICIENCY TESTING TO AMERICA'S CUP BOAT DESIGN Sophisticated computer analysis of the carbon fibre wingsail and airflow provides many new avenues of performance



REAR SPOILER GAPS CHANGE PROFILE OF AIR FLOW DOWN REAR SCREEN TO STOP DIRT ACCUMULATION

TOTAL NUMBER OF

SIMULATIONS OR TESTS TO DATE

## **U**GB

DATA RECORDED PER SIMULATION OR TEST ON THE VEHICLE

## 35971

RECORDINGS OF LIFT, DRAG AND SIDEFORCE LOGGED PER SECOND

HE DATA
QUIVALENT
O WRITING
44000 WORDS OR
X NEW YORK TIME

S	
	```

# MILLION

COMPUTATIONAL CELLS ANALYSED PER TEST (I.E. SIMULATION POINTS) 10 MILLION MORE THAN THE DISCOVERY SPORT

### **15MM LOWERING**

AT CONSISTENT SPEEDS ABOVE 65MPH VEHICLE LOWERS 15MM TO REDUCE DRAG

### ESS DRAG

REDUCED DRAG

'AIR CURTAINS' HELP TO REDUCE DRAG AND IMPROVE AIRFLOW

**RECORDINGS OF ENTIRE AIRFLOW** -LOGGED PER SECOND



DELIVERS 10% DRAG

IMPROVEMENT ON PREVIOUS VEHICLE



