

CONTRAIL FREE AERO ENGINES

CONTRAIL FREE AIRCRAFT FLIGHT

INVISIBLE CONTRAIL-LESS EXHAUST FROM ENGINE 1

ADD-ON DEVICE FITTED TO ENGINE 1 RESULTS IN A WATER FREE EXHAUST EMISSION AND PREVENTS THE FORMATION OF CONTRAILS. THIS DEVICE IS MEANT TO BE ATTACHED ONTO ALL ENGINES. ENGINES 2,3 AND 4 ARE DISPLAYED AS CONVENTIONAL WITHOUT THE DEVICE WHEREBY THE EXHAUST PLUME IS CREATING CONTRAILS BEHIND THE AIRCRAFT. THIS HAS BEEN DONE TO SHOW COMPARISON BETWEEN THE CURRENT AND THE FUTURE CONTRAIL-LESS FLIGHT

CONTRAILS FORMED BY THE EMISSION OF AERO-ENGINE EXHAUST DURING FLIGHT POSE A SERIOUS ENVIRONMENTAL CONCERN FOR THE AVIATION INDUSTRY. RESEARCH IS UNDERWAY FOR THE NEXT GENERATION OF CONTRAIL-FREE AIRCRAFT.

SARAH QURESHI
PHD AEROSPACE PROPULSION

COURTESY: AIRBUS FOR
A380 SNAPSHOT

CONTRAILS

REDUCED GLOBAL WARMING AND INDUCED ARTIFICIAL RAIN DURING AIRCRAFT FLIGHT THROUGH ON-BOARD WATER RECOVERY FROM AERO-ENGINE FUEL EMISSIONS

SARAH QURESHI

MASOOD LATIF QURESHI

AERO ENGINE CRAFT (pvt) LTD