



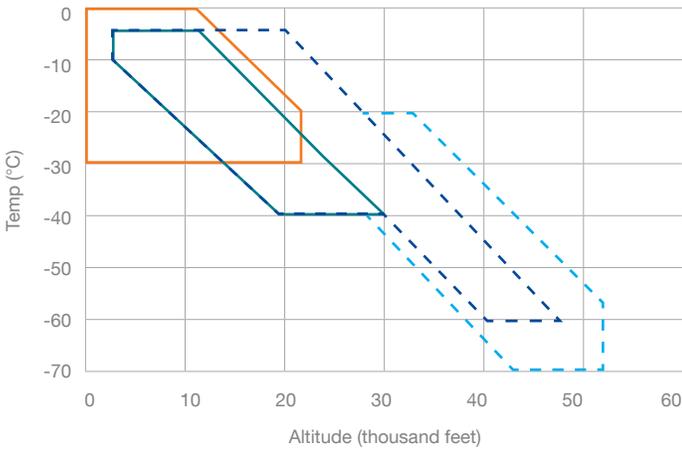
Photo courtesy Airbus

# Enhanced Icing Performance Pitot Probe

## 0851MC

Certified on Airbus single-aisle and long-range aircraft  
 Interchangeable and intermixable with Rosemount Aerospace Pitot probe model 0851HL

With over 60 years of air data experience and innovation, Rosemount Aerospace Inc. continues to be at the forefront of air data technology. Working with Airbus, aviation authorities and our in-house advanced icing wind tunnel, we have certified the 0851MC to perform in ice crystals and mixed phase icing.



- Part 25 App. C  
 (Continuous Maximum)  
 Supercooled Water Droplets (SD)
- Part 25 App. C  
 (Intermittent Maximum)  
 Supercooled Water Droplets (SD)
- Part 33 App. D  
 Ice Crystals (C)
- SAE A S5562 App. D  
 Ice Crystals (C)  
 Extension for Air Data Probes

### Features & Benefits

- Robust design
- Proprietary heater design with proven high reliability
- Enhanced icing performance
- Quick aircraft disconnects



# Pitot Probe | 0851MC

## State-of-the-art Testing Capabilities

Rosemount Aerospace Inc. has one of the most capable icing wind tunnels in the world. Aerodynamic and icing testing is essential to analyze the effectiveness of air data products. This on-site icing wind tunnel allows Rosemount Aerospace Inc. to meet stringent icing requirements for air data probes set forth by the world's aviation regulatory agencies. It offers significantly increased capabilities, such as colder temperatures and higher altitudes, and is capable of producing both solid ice particles and supercooled liquid water droplets in high concentrations. Extensive wind tunnel testing allows us to optimize the design for performance throughout the flight envelope and environmental conditions experienced in flight.

## Customized Design

Rosemount Aerospace Inc. develops custom solutions to ensure proper performance in the local airflow conditions created by the unique shape of each aircraft model and the flight envelope it is designed to meet. Our aerodynamic experts also assist with determining the optimal probe location on the aircraft.



**Our facility includes one of the most capable wind tunnels in the world – blasting ice particles at Mach 0.9 and providing temperatures down to -90°F (-67°C) and altitude up to 50,000 feet (15,420 meters).**

### For additional information:

14300 Judicial Road, Burnsville, MN 55306 U.S.A.  
Tel: +1 952 892 4000  
Fax: +1 952 892 4800  
sis@utas.utc.com

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