



# NEXT GENERATION PROTECTION

For Your Passengers, Cargo, Fleet, Aircraft, Investment, and Life

## PITOTSHIELD V2™ SMARTCOVER™ SAFETY PITOT COVERS INTRODUCTION SHEET

The pitot tube is arguably the most vulnerable component of the Air Data System of turbine aircraft, and protecting it is a challenge. Pitot covers must be custom fit. Pitot covers must be heat resistant **and removed prior to system power-up**. Pitot covers must be highly visible. There must be no disincentive for pilots or ground-personnel to cover pitot tubes for fear of them not being uncovered prior to takeoff. For over a century these needs have continued unresolved until now. DeGross Aviation Technologies has developed the PitotShield V2™- the first Safety Pitot Cover that addresses these long-standing issues involving the Air Data System protection.

- Provides the features requested from numerous airlines/MROs.
- Systems Safety Engineered design protects the pitot tube from spiders, wasps, dirt, sand and other contaminants.
- Designed specifically for Turbine/Transport aircraft with automatic pitot tube heat.
- Save estimated \$50,000 to \$500,000 per year in maintenance costs.\*
- Will not melt and ruin a hot pitot tube during power-up for maintenance or power-up prior to take-off.
- Disengages and falls away harmlessly after power-up. (Aircraft with auto pitot heat)
- Disengages **BEFORE** the aircraft reaches the taxiway or runway and without pitot tube damage.
- **UNIVERSAL FIT. ONE SIZE** fits nearly all pitot tubes. Additional sizes for special pitot tubes.
- Easily installed/Removed by hand or, for out-of-reach pitot tubes, using our patented install device, eliminating the need for ladders.
- Unique feature: actually tightens up on the pitot tube if disturbed by wind or prop/jet-blast.
- No fabric to wear out and unravel or fibers to shed and contaminate the pitot tube.
- Impervious to solvents, avgas, and jet fuel.
- REMOVE BEFORE FLIGHT (RBF) Streamer Options: Red SAE/NAS Standard or Proprietary High-Visibility International Orange w/Night-Reflective Accent.

\* Fleet Airline/IATA Data-due to replacement of burned element/contamination in maintenance of each one hundred aircraft.



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### WHY PITOTSHIELD V2™ SMARTCOVER™?

- **SMART-PREVENTS FOULED PITOT TUBES IN MAINTENANCE**  
Auto-Releases 2 to 5 Minutes after Pitot Heat Activation
- **NO MORE REJECTED TAKEOFFS**
- **HEAT-RESISTANT**  
Made specifically for auto-heated pitot tubes
- **UNIVERSAL PROTECTION**  
One size fits nearly every aircraft
- **THE NEW STANDARD IN PITOT TUBE PROTECTION**

