**DeGROFF AVIATION TECHNOLOGIES™**

**PITOTSHIELD™ V2**
With SmartCover™ Technology

# PitotShield V2™ SmartCover™
# and
# Accessories

# CATALOG

MADE IN THE U.S.A. WITH PRIDE

Distributed by

**proponent**

Cage Code #59789

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# SECTION 1-PitotShield V2™ SmartCover™ (PSV2)

- Three fit sizes
    - Standard: (Universal) Fits 90% of pitot tubes
    - Short: Fits pitot tubes atypically short mast-to-tip
    - Large: Fits atypically large diameter pitot tubes

- Two Remove Before Flight (RBF) Streamer options

- Universal Fit Detaining Bridle option for maintenance environment to retain pitot cover components on the pitot tube in the event of a thermal activation

- Twelve PitotShield V2™ SmartCover ™ variants

- PitotShield V2™ Executive Fly-Away Package

# PITOTSHIELD V2™ SMARTCOVER™ EXECUTIVE FLY-AWAY PACKAGE



## ENHANCE YOUR AIR DATA SYSTEM PROTECTION WITH THE MOST INNOVATIVE AND ONLY FAIL-SAFE PITOT TUBE COVER TECHNOLOGY

Our EXECUTIVE FLY-AWAY PACKAGE is available with special pricing for a three or four PitotShield V2™ Ship-Set.

**See Section 2 p. 14 for Details**

# PitotShield V2™ SmartCover™ Variants

**PN 77TBU4701**

STANDARD (Universal) FIT PitotShield V2™

Includes (DAT PN 4701HVS) Replaceable Int'l Orange Hi-Vis Streamer w/Attachment Cord

List Price: US $599

**PN 77TBU64**

STANDARD (Universal) FIT PitotShield V2™

Includes (DAT pn 461756-24) Replaceable 24" NAS/SAE1756 Red Streamer w/Attachment Cord

List Price: US $599

**PN 77TBUD01**

STANDARD (Universal) FIT PitotShield V2™

Includes (DAT pn 4701HVS) Replaceable Int'l Orange Hi-Vis Streamer w/Attachment Cord

Includes Replaceable Detaining Bridle (DAT p/n 77DBU1)

List Price: US $650

**PN 77TBUD64**

STANDARD (Universal) FIT PitotShield V2™

Includes (DAT pn 461756-24) Replaceable 24" NAS/SAE1756 Red Streamer w/Attachment Cord

Includes Replaceable Detaining Bridle (DAT p/n 77DBU1)

List Price: US $650



**PN 77TBS4701**

SHORT FIT PitotShield V2™

Includes (DAT pn 4701HVS) Replaceable Int'l Orange Hi-Vis Streamer w/Attachment Cord

List Price: US $599



**PN 77TBS64**

SHORT FIT PitotShield V2™

Includes (DAT pn 461756-24) Replaceable 24" NAS/SAE1756 Red Streamer w/Attachment Cord

List Price: US $599

**PN 77TBSD01**

SHORT FIT PitotShield V2™

Includes (DAT pn 4701HVS) Replaceable Int'l Orange Hi-Vis Streamer w/Attachment Cord

Includes Replaceable Detaining Bridle (DAT p/n 77DBU1)

List Price: US $650



**PN 77TBSD64**

SHORT FIT PitotShield V2™

Includes (DAT pn 461756-24) Replaceable 24" NAS/SAE1756 Red Streamer w/Attachment Cord

Includes Replaceable Detaining Bridle (DAT p/n 77DBU1)

List Price: US $650



**PN 77TBL4701**

LARGE FIT PitotShield V2™

Includes (DAT pn 4701HVS) Replaceable Int'l Orange Hi-Vis Streamer w/Attachment Cord

List Price: US $599

**PN 77TBL64**

LARGE FIT PitotShield V2™

Includes (DAT pn 461756-24) Replaceable 24" NAS/SAE1756 Red Streamer w/Attachment Cord

List Price: US $599



**PN 77TBLD01**

LARGE FIT PitotShield V2™Includes (DAT pn 4701HVS) Replaceable Int'l Orange Hi-Vis Streamer w/Attachment Cord

Includes Replaceable Detaining Bridle (DAT p/n 77DBU1)

List Price: US $650



**PN 77TBLD64**

LARGE FIT PitotShield V2™

Includes (DAT pn 461756-24) Replaceable 24" NAS/SAE1756 Red Streamer w/Attachment Cord

Includes Replaceable Detaining Bridle (DAT p/n 77DBU1)

List Price: US $650

# SECTION 2 -PitotShield V2™ SmartCover™ ACCESSORIES

# REMOVE BEFORE FLIGHT STREAMERS



## DAT Proprietary High-Visibility Streamer

**PN 4701HVS**

- Streamer, International Orange- 2.25" x 18" Black RBF w/ YG Omni-Reflective Accent w/Corrosion-Resistant Grommet   and UV-Resistant Nylon Cord
- Features the Colors Most Visible to the human eye: Orange/Yellow-Green
- Omni-Reflective Accent for Maximum Night Visibility
- Non-Metallic Nylon Cord w/Aluminum Crimp Sleeve
- Tested outdoors four seasons continuous 10,000+ hrs
- Useful with other tools: Landing Gear Pins, TAT Probe Covers, AOA Covers, etc.

List Price: US $19

# Red/White SAE/NAS Streamer

- **PN 461756-24**

- Streamer-Red/White RBF-24 in x 3 in **Meets AS5778™:** "Covers, Aircraft Components, General Requirements"

- Non-Metallic Nylon Cord w/Aluminum Crimp Sleeve
- Tested outdoors four seasons continuous 10,000+ hrs

- Useful with other tools: Landing Gear Pins, TAT Probe Covers, AOA Covers, etc.

List Price: US $17

# TELESCOPIC INSTALL/REMOVE DEVICE KIT

**Complete Kit: PN 77-7801CK**

**Kit Includes:**



1.  **Heavy-Duty Aluminum Telescopic Pole**
    - **PN 77-7803TP**
      - Extends to 8ft (244cm) for reaching a pitot tube up to 13+ft (396+cm)
      - Collapses to 40in (102cm) for space-efficient stowage

2.  **One-Piece Easily-Removable Head**
    - **PN 77-7844HB**
      - Patented One-Piece Polymer (no metal) Design
      - Detaches for space-efficient stowage
      - Firmly cradles PitotShield V2™ during Installation and Removal
      - Absence of fabric loops and hooks makes installation a very easy process even in high winds.



Kit List Price:                          US $259



Telescopic Pole List Price:   US $99
Head List Price:                     US $179

# PitotShield V2™ Ramp Bag w/Deployable Flight-Deck Placard





- **PN 77-600DP**
  - Compact Stowage of Up To Four PitotShield V2s Plus Telescopic Install/Remove Device Head
  - High-Visibility Rip-Stop Water-Resistant Materials with
  - Omni-Reflective Accent and Genuine Velcro® EZ-Closure
  - Internally-Attached Placard for Flight-Deck Deployment
  - Hooks and Loops to Attach a Second Bag to Keep
       Variety of Ground-Support Tools Together
  - Hand-Made in USA



List Price:  US $69

# PITOTSHIELD V2™ SMARTCOVER™
# EXECUTIVE FLY-AWAY SAFE PACKAGE



**ENHANCE YOUR AIR DATA SYSTEM PROTECTION WITH THE MOST INNOVATIVE AND ONLY FAIL-SAFE PITOT TUBE COVER TECHNOLOGY**

Includes three to four PitotShield V2™ SmartCovers™, any variant specifically for your aircraft, your choice of RBF streamers, Patented Telescopic Installation/Removal Device Complete Kit, High-Visibility Stowage Bag with deployable Flight-Deck Placard.
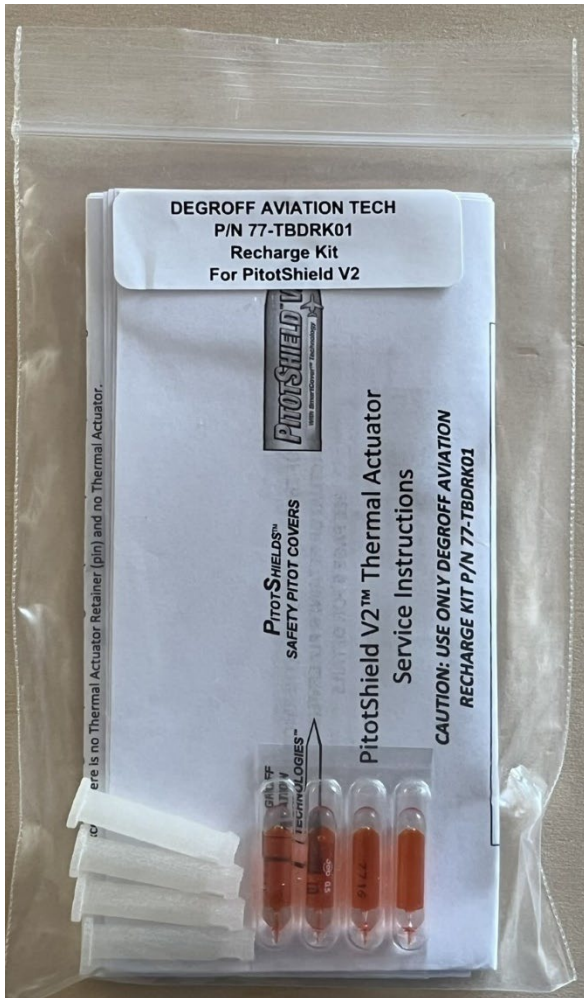
➤ Three PSV2 w/pole/bag: P/N 77-XP3PB Exec.Pkg Price: US $1995-Save $130 vs List
➤ Four PSV2 w/pole/bag: P/N 77-XP4PB   Exec.Pkg Price: US $2559-Save $165 vs List

➤ Three PSV2 w/bag only: P/N 77-XP3B   Exec.Pkg Price: US $1759-Save $107 vs List
➤ Four PSV2 w/bag only: P/N 77-XP4B    Exec.Pkg Price: US $2329-Save $136 vs List

# SECTION 3-PitotShield V2™ SmartCover™ Service Components

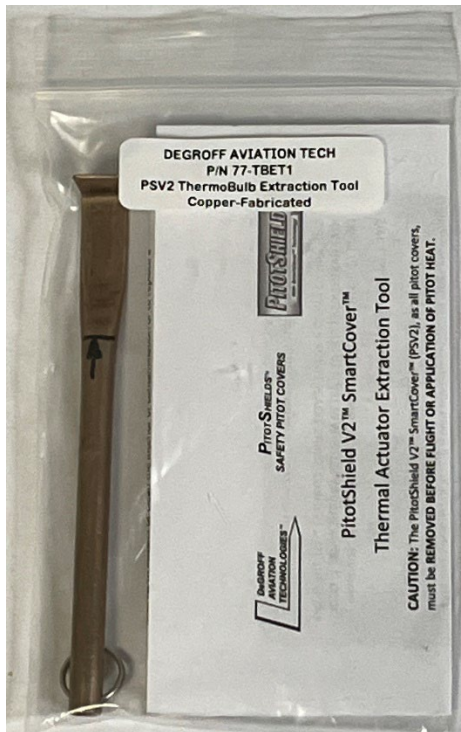# PitotShield V2™ Actuator Service/Recharge Kit



- **PN 77-TBDRK01**

- **Includes:**
  - Four Thermal Actuator Bulbs
  - Four Thermal Actuator Retaining Pins
  - Thermal Actuator Service/Recharge Instructions with QR Link to Training Video

List Price:  US $79

# PitotShield V2™ SmartCover™ Thermal Actuator Extraction Tool



- **PN 77-TBET1**
- Use to open a PitotShield V2™ SmartCover™
- For internal inspection
- For replacement of a Detaining Bridle
- Includes Illustrated instructions and QR link to training video

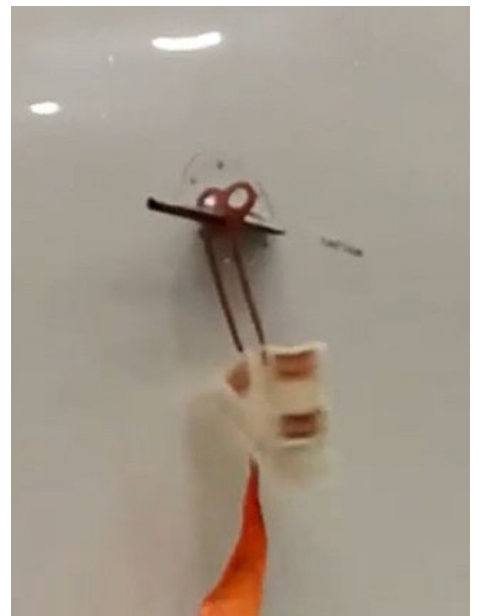List Price: US $29



**PN 77-TBET1**

# PitotShield V2™ SmartCover™ Universal-Fit Detaining Bridle Replacement Kit



- **PN 77-DBU1**
- **Includes:**
- Hi-Temp A/C-Grade Silicone Elastomer
- Universal Fit - All Sizes PitotShield V2s
- Retains Thermally-Ejected PitotShield V2™ onto Pitot Probe For FOD-Free Maintenance Environment
- o Includes Replacement Instructions with QR link to training video





List Price US $59

# PitotShield V2™ Silicone Disc Replacement Kit

- **Standard (Universal) Fit:**  PN  77-SDRKU1
- **Short Fit:**  PN  77-SDRKS1
- **Large Fit:**  PN  77-SDRKL1

- **Includes:**
  - **Complete set of Silicone Discs for each fit**
  - Discs Color-Coded for Correct Fit
  - Illustrated Instructions w/ QR Link to Training Video

| PN  77-SDRKU1 | PN  77-SDRKS1 | PN  77-SDRKL1 |
| --- | --- | --- |
| List Price:  US $179 | List Price:  US $179 | List Price:  US $179 |

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With SmartCover™ Technology

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