



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: DECRANE AEROSPACE SERVICE BULLETIN SB09006 PEDESTAL SHROUD REPLACEMENT

To all Customers, Operators and Service Centers:

Date: May 20/09

This Service Letter is issued to draw attention to the following vendor information:

Decrane Aerospace have issued Service Bulletin SB09006 which allows the replacement of the seat pedestal shroud assembly with a new assembly. Pilatus approves the vendor Service Bulletin.

Parts for the modification are available from Decrane Aerospace Seating Company. Contact:

Decrane Aircraft Seating Co. Inc., 710 Maple Street, Peshtigo, WI 54157, USA.

Customer Service, Tel: +1 715 582 4517, Email: dasc@decraneaerospace.com

Operators requiring further information on this subject, please contact one of the addresses given below:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND.

General Aviation
Tel : + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

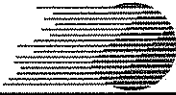
PILATUS AUSTRALIA (Pty.) LTD.,
17 James Schofield Drive,
Adelaide Airport SA 5950,
AUSTRALIA

Tel : +61 (08) 8234 4433
Fax: +61 (08) 8234 4499
Free Call: 1800 445 007
eMail: SupportPC12@pilatus.com.au

Attachments: Decrane Aerospace Service Bulletin SB09006

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PC12
SERVICE LETTER

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SERVICE BULLETIN

Service Bulletin Number: SB09006

Revision:	N/C	New release	Page: 1
	A	Updated Planning Information, Parts Required and Accomplishment Instructions	

TITLE: PEDESTAL SHROUD REPLACEMENT

PLANNING INFORMATION

The following seats are affected by this service bulletin. The customer is Pilatus. Seats held as spares are also affected by this Service Bulletin.

MODEL NUMBER	PART NUMBER	SERIAL NUMBER
4006	403008-1 THRU -10	7054-19006
4006	403008-1 THRU -10	19035-21488
4006	403150-1 THRU -4	21537 AND HIGHER

REASON

The purpose of this Service Bulletin is to allow the replacement of the existing pedestal shroud assemblies. The modification does not compromise the structural integrity of the seat structure or the tested load paths.

DESCRIPTION

This service bulletin permits the replacement of the pedestal shroud assemblies with newer pedestal shroud assemblies (p/n: 1000002292 and 1000002290 with drawer or 401262-1 and 1000002290 without drawer.)

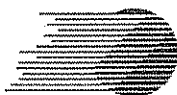
Installation of the current "Next Gen" pedestal shrouds is not possible on older seats due to the styling changes.

APPROVAL

This service bulletin must be approved by Pilatus before implementation.

MANPOWER

Estimate of man-hours	1 hour per seat
Personnel	1
<i>This estimate is based upon experienced, properly equipped, personnel complying with this service bulletin.</i>	



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PARTS REQUIRED

- NOTES: 1. Shrouds may be painted or covered with leather before installation.
 2. Leather to conform to FAR23.853/FAR25.853.
 3. Leather weight: 2.5 OZ/SQ FT +/- .25 OZ/SQ FT. Suppliers:

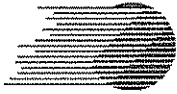
Elmo/American Marketing 2809 Earham Place High Point, NC 27261 800-888-3274	OR	Cortina Leathers 15 West 20 th St. New York, NY 10011 800-338-6229
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Adhesive: 3M 1357 (Brushed and sprayed)
 Alternate adhesives: Imperial 109301, 104301
 Dural Products, Polyfoam Spray Cement #2850-5.

For the leather refurbishment follow the general guidelines provided in FAA Advisory Circular AC 43.13-1B.

KIT #1 (WITH DRAWER 403008-1, -3 Serial numbers 7054-19006)

1000002292	Pedestal Shroud Assy	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411004-31	Shroud Clip	Qty: 1
411004-32	Shroud Clip	Qty: 1
411008-22	Gusset .040	Qty: 1
411008-23	Gusset .063	Qty: 1
411030-5	Shroud Clip	Qty: 2
AAC-03-02	Rivet	Qty: 8
CR3212-4-02	Rivet	Qty: 16
MS21059L08	Nut Plate	Qty: 4
NAS517-2-3	Screw	Qty: 4
NAS1169-8	Washer	Qty: 4
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)



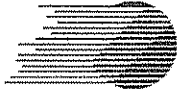
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KIT #2 (WITH DRAWER 403008-2, -4 Serial numbers 7054-19006)

1000002292	Pedestal Shroud Assy	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411004-31	Shroud Clip	Qty: 1
411004-32	Shroud Clip	Qty: 1
411008-21	Gusset .040	Qty: 1
411008-24	Gusset .063	Qty: 1
411030-5	Shroud Clip	Qty: 2
AAC-03-02	Rivet	Qty: 8
CR3212-4-02	Rivet	Qty: 16
MS21059L08	Nut Plate	Qty: 4
NAS517-2-3	Screw	Qty: 4
NAS1169-8	Washer	Qty: 4
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)

KIT #3 (WITH DRAWER 403008-9, -10 Serial numbers 7054-19006)

1000002292	Pedestal Shroud Assy	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411004-31	Shroud Clip	Qty: 1
411004-32	Shroud Clip	Qty: 1
411031-53	Gusset	Qty: 1
411031-54	Gusset	Qty: 1
411030-5	Shroud Clip	Qty: 2
AAC-03-02	Rivet	Qty: 16
CR3212-4-02	Rivet	Qty: 16
MS21059L08	Nut Plate	Qty: 4
NAS517-2-3	Screw	Qty: 4
NAS1169-8	Washer	Qty: 4
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)



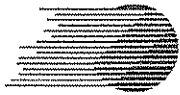
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KIT #4 (WITH DRAWER 403008-1 thru -10, 403150-1 thru -4, Serial numbers 19035 and higher)

1000002292	Pedestal Shroud Assy	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411030-5	Shroud Clip	Qty: 2
CR3212-4-02	Rivet	Qty: 16
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)

KIT #5 (WITHOUT DRAWER 403008-1, -3 Serial numbers 7054-19006)

401262-1	Pedestal Shroud Assy W/O Drawer	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411004-31	Shroud Clip	Qty: 1
411004-32	Shroud Clip	Qty: 1
411008-22	Gusset .040	Qty: 1
411008-23	Gusset .063	Qty: 1
411030-5	Shroud Clip	Qty: 2
AAC-03-02	Rivet	Qty: 8
CR3212-4-02	Rivet	Qty: 16
MS21059L08	Nut Plate	Qty: 4
NAS517-2-3	Screw	Qty: 4
NAS1169-8	Washer	Qty: 4
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)



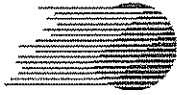
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KIT #6 (WITHOUT DRAWER 403008-2, -4 Serial numbers 7054-19006)

401262-1	Pedestal Shroud Assy W/O Drawer	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411004-31	Shroud Clip	Qty: 1
411004-32	Shroud Clip	Qty: 1
411008-21	Gusset .040	Qty: 1
411008-24	Gusset .063	Qty: 1
411030-5	Shroud Clip	Qty: 2
AAC-03-02	Rivet	Qty: 8
CR3212-4-02	Rivet	Qty: 16
MS21059L08	Nut Plate	Qty: 4
NAS517-2-3	Screw	Qty: 4
NAS1169-8	Washer	Qty: 4
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)

KIT #7 (WITHOUT DRAWER 403008-9, -10 Serial numbers 7054-19006)

401262-1	Pedestal Shroud Assy W/O Drawer	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411004-31	Shroud Clip	Qty: 1
411004-32	Shroud Clip	Qty: 1
411031-53	Gusset	Qty: 1
411031-54	Gusset	Qty: 1
411030-5	Shroud Clip	Qty: 2
AAC-03-02	Rivet	Qty: 4
CR3212-4-02	Rivet	Qty: 16
MS21059L08	Nut Plate	Qty: 4
NAS517-2-3	Screw	Qty: 4
NAS1169-8	Washer	Qty: 4
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)



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KIT #8 (WITHOUT DRAWER 403008-1 thru -10, 403150-1 thru -4, Serial numbers 19035 and higher)

401262-1	Pedestal Shroud Assy W/O Drawer	Qty: 1
1000002290	Pedestal Shroud	Qty: 1
ES043P4DT10	Dual Lock	Qty: 6
1000002293-101	Shim	Qty: 6
ES043P4DT25	Dual Lock	Qty: 2
1000002293-103	Shim	Qty: 2
411030-5	Shroud Clip	Qty: 2
CR3212-4-02	Rivet	Qty: 16
	Non-corrosive Industrial Solvent	(Local Supply)
	Cyanoacrylate Adhesive	(Local Supply)
	Matte Black Paint	(Local Supply)

PARTS AVAILABILITY

The parts are available through DeCrane Aircraft Seating Company. A color sample or specification must be supplied to DeCrane Aircraft Seating Company for painting of the shrouds when the kit is ordered.

ELECTRICAL LOAD DATA

Electrical load data is not affected by this Service Bulletin.

SOFTWARE ACCOMPLISHMENT SUMMARY

Software accomplishment is not affected by this service bulletin.

REFERENCES

Drawings	CMM	Vendor Service Bulletin	Comments
1000002293 Ped. Shroud Instl. W/ Drawer	25-20-07	-	-
401261-1 Ped. Shroud Instl. W/O Drawer	-	-	-
401010-3 Pedestal Assy Pilatus PC-12	-	-	-
401010-11 Pedestal Assy Pilatus PC-12	-	-	-

PUBLICATIONS AFFECTED

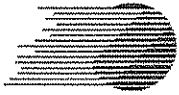
No publications are affected by this Service Bulletin.

INTERCHANGEABILITY OF PARTS

No substitutions are permitted except hardware alternates where noted.

WARRANTY CREDIT

Warranty credit does not apply.



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ACCOMPLISHMENT INSTRUCTIONS

TORQUE VALUES

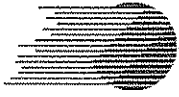
SIZE	TORQUE (IN-LBS)
8-32	22
10-32	35
1/4-28	85

KIT #1 (WITH DRAWER 403008-1, -3 Serial numbers 7054-19006)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. If equipped with a rug cover (shroud covering the pedestal top): remove and discard the rug cover and paint the underlying pedestal top matte black (local supply). Use CMM 25-20-07 for disassembly and assembly of the seat pan and pedestal.
3. For 403008-1, install 411030-5 Shroud Clips qty (2) per pedestal assy 401010-9 Aft Facing.
4. Install Shroud Clips 411004-31 and 411004-32, Gusset 411008-22 (.040 thick, inboard), and Gusset 411008-23 (.063 thick, outboard) per drawing 401010-9, replacing the existing corresponding parts. Reuse the existing hardware.
5. Install new side shrouds (1000002292 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 1000002293.

KIT #2 (WITH DRAWER 403008-2, -4 Serial numbers 7054-19006)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. If equipped with a rug cover (shroud covering the pedestal top): remove and discard the rug cover and paint the underlying pedestal top matte black (local supply). Use CMM 25-20-07 for disassembly and assembly of the seat pan and pedestal.
3. For 403008-2, install 411030-5 Shroud Clips qty (2) per pedestal assy 401010-9 Aft Facing.
4. Install Shroud Clips 411004-31 and 411004-32, Gusset 411008-21 (.040 thick, inboard), and Gusset 411008-24 (.063 thick, outboard) per drawing 401010-9, replacing the existing corresponding parts. Reuse the existing hardware.
5. Install new side shrouds (1000002292 and 1000002290) and shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 1000002293.



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KIT #3 (WITH DRAWER 403008-9, -10 Serial numbers 7054-19006)

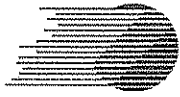
1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. If equipped with a rug cover (shroud covering the pedestal top): remove and discard the rug cover and paint the underlying pedestal top matte black (local supply). Use CMM 25-20-07 for disassembly and assembly of the seat pan and pedestal.
3. Install Shroud Clips 411004-31 and 411004-32, Gusset 411031-53 and 411031-54 per drawing 401010-11, replacing the existing corresponding parts. Reuse the existing hardware.
4. Install new side shrouds (1000002292 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 1000002293.

KIT #4 (WITH DRAWER 403008-1 thru -10, 403150-1 thru -4. Serial numbers 19035 and higher)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. Install new side shrouds (1000002292 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 1000002293.

KIT #5 (WITHOUT DRAWER 403008-1, -3 Serial numbers 7054-19006)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. If equipped with a rug cover (shroud covering the pedestal top): remove discard the rug cover and paint the underlying pedestal top matte black (local supply). Use CMM 25-20-07 for disassembly and assembly of the seat pan and pedestal.
3. For 403008-1, install 411030-5 Shroud Clips qty (2) per pedestal assy 401010-9 Aft Facing.
4. Install Shroud Clips 411004-31 and 411004-32, Gusset 411008-22 (.040 thick, inboard), and Gusset 411008-23 (.063 thick, outboard) per drawing 401010-9, replacing the existing corresponding parts. Reuse the existing hardware.
5. Install new side shrouds (401262-1 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 401261-1. Note: 1000002293-101 and 1000002293-103 shims and 401262-101 and 401262-103 shims are equivalent.



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KIT #6 (WITHOUT DRAWER 403008-2, -4 Serial numbers 7054-19006)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. If equipped with a rug cover (shroud covering the pedestal top): remove and discard the rug cover and paint the underlying pedestal top matte black (local supply). Use CMM 25-20-07 for disassembly and assembly of the seat pan and pedestal.
3. For 403008-2, install 411030-5 Shroud Clips qty (2) per pedestal assy 401010-9 Aft Facing.
4. Install Shroud Clips 411004-31 and 411004-32, Gusset 411008-21 (.040 thick, inboard), and Gusset 411008-24 (.063 thick, outboard) per drawing 401010-9, replacing the existing corresponding parts. Reuse the existing hardware.
5. Install new side shrouds (401262-1 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 401261-1. Note: 1000002293-101 and 1000002293-103 shims and 401262-101 and 401262-103 shims are equivalent.

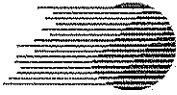
KIT #7 (WITHOUT DRAWER 403008-9, -10 Serial numbers 7054-19006)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. If equipped with a rug cover (shroud covering the pedestal top): remove and discard the rug cover and paint the underlying pedestal top matte black (local supply). Use CMM 25-20-07 for disassembly and assembly of the seat pan and pedestal.
3. Install Shroud Clips 411004-31 and 411004-32, Gusset 411031-53 and 411031-54 per drawing 401010-11, replacing the existing corresponding parts. Reuse the existing hardware.
4. Install new side shrouds (401262-1 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 401261-1. Note: 1000002293-101 and 1000002293-103 shims and 401262-101 and 401262-103 shims are equivalent.

KIT #8 (WITHOUT DRAWER 403008-1 thru -10, 403150-1 thru -4. Serial numbers 19035 and higher)

1. Remove existing pedestal side shroud assemblies and Dual Lock fasteners on both surfaces. Remove adhesive remnants with non-corrosive industrial solvent (local supply).
2. Install new side shrouds (401262-1 and 1000002290) shims (1000002293-101 and 1000002293-103) and MS21059L08 Nut Plates per installation drawing 401261-1. Note: 1000002293-101 and 1000002293-103 shims and 401262-101 and 401262-103 shims are equivalent.

Best quality aircraft shop practices, such as those described in FAA AC43.13-1B, "Acceptable Methods, Techniques, and Practices – Aircraft Inspection and Repair", are to be used in making the modification.



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RECORD OF COMPLIANCE

1. Record compliance with this service bulletin by applying a modification tag adjacent to the TSO tag.
2. The customer's maintenance or quality assurance staff shall make an appropriate maintenance record entry to comply with airworthiness authority requirements.

Prepared by: J.E. Powell **Date:** 4/22/09
J.E. Powell
Certification Technician

Approved by: R.E. Duckert **Date:** 4-22-09
R. E. Duckert
Manager – Certification

CC: DASC Quality; DASC Customer Service
Original: 2009 Service Bulletin File, DASC Certification
Sales Order: Work Order: