



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

SERVICE LETTER

SUBJECT: 12 YEAR SEAT BELT OVERHAUL

To all Customers and Operators:

Date: Jul 27/06

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

PILATUS MEMO "12 YEAR SEAT BELT OVERHAUL"

The PC-12 AMM Chapter 5 gives an overhaul interval of 12 years for all PC-12 crew and cabin seat restraint systems. Some of these seat restraint systems became obsolete and/or were replaced during design improvement.

Pilatus recommends all Operators read the memo to help them understand the history of the PC-12 seat restraint systems. Pilatus suggests that the Operator contacts the related manufacturer directly.

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

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CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND.

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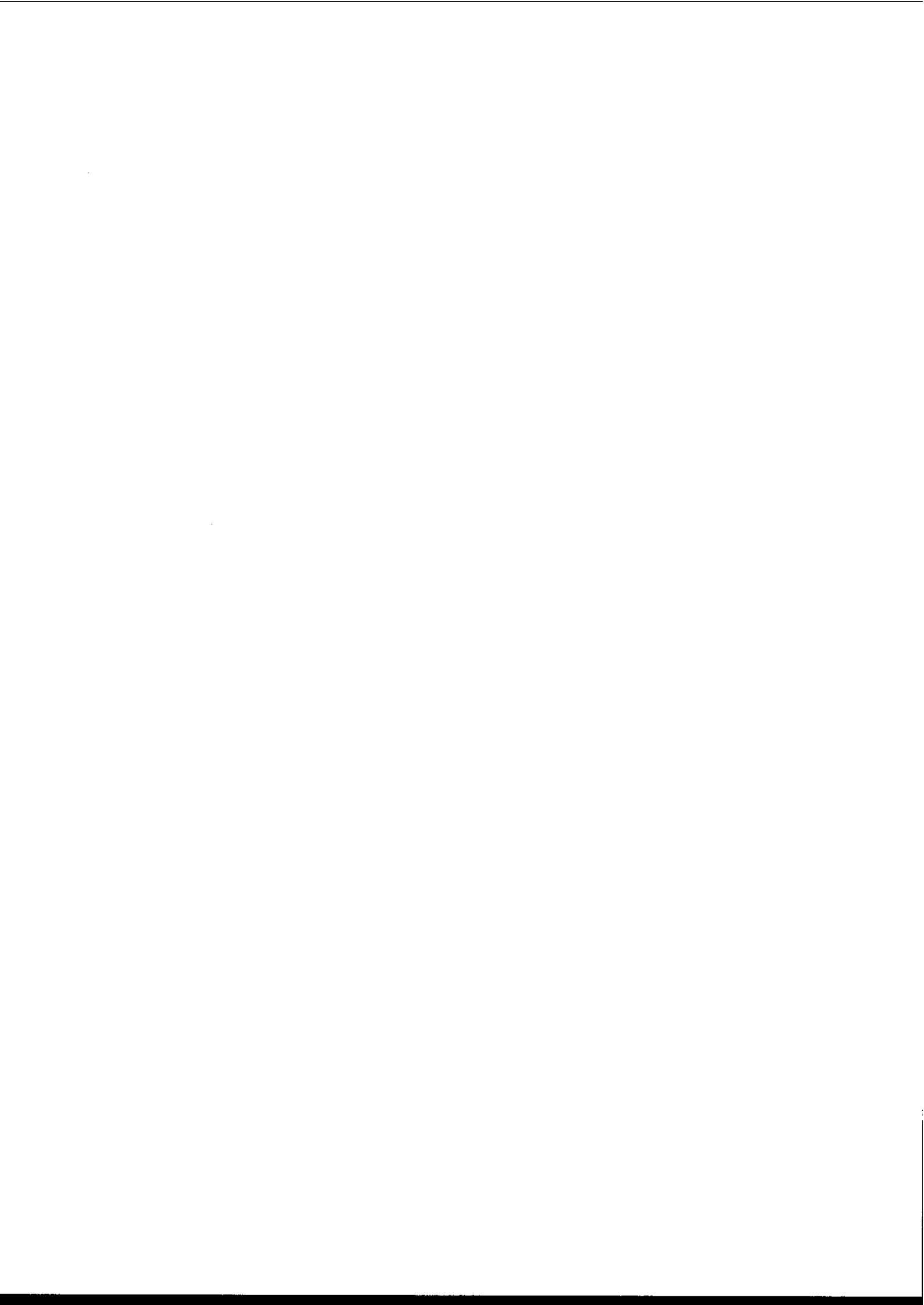
PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : 303 465 9099
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1. Introduction

The PC-12 AMM Chapter 5 defines an overhaul interval of 12 years for all PC-12 Crew and Cabin seat Restraint Systems (RS). All PC-12 RS are torso RS certified as component by TSO-C114 and consequently by SAE AS 8043 and are certified on the specific PC-12 seat by dynamic certification testing. Some of these RS became obsolete or were replaced by design improvement. This Memo provides the history of the PC-12 RS and a decision basis for overhaul.

On the Israel Aircraft Industries Ltd. Golan (IAI) Crew Seats and DeCrane Aircraft Seating Company Inc. (DASC) Executive Passenger Seats, RS from the Manufacturer Schroth Safety Products GmbH (Schroth) are installed.

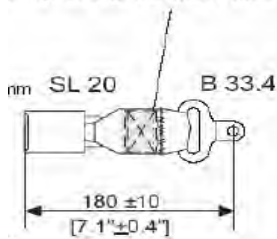
On the IAI Standard Passenger Seats (Commuter Seats) and on the Ipeco Europe (Ipeco) Crew Seats, RS from the Manufacturer AmSafe Aviation (AmSafe) are installed.

2. History

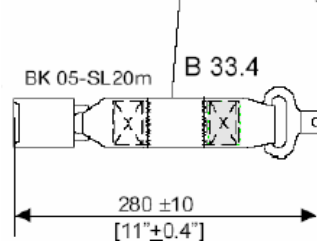
2.1 DASC Executive Passenger Seats and 3 Seat Bench

The first DASC Executive Passenger Seats (former ERDA Inc.) were equipped with RS from Pacific Scientific (Pacific) P/N 1106185-01, DASC P/N 407002, no Pilatus P/N does not exist. As design improvement the above RS was replaced by the Schroth RS P/N 5-02-0247XX, DASC P/N 407003-3, Pilatus P/N 959.30.01.600. As further design improvement the shorter lap belt length was increased from 180 mm to 280 mm, resulting in Schroth P/N 5-02-2T47XXYYY, DASC P/N 407003-53, Pilatus P/N 959.30.01.589. The Bench was only delivered with Schroth.

P/N: BR/5-02-0247xxRevB



SubP/N: BR/5-02-2T47xyyyy



2.2 IAI Crew Seats (Pilot and Co-Pilot)

The first IAI Crew Seats were equipped with RS from the manufacturer Autoflug P/N 504202-401/402/403/404, IAI P/N 5PC41400-501/502/503/504, Pilatus P/N 959.30.01.223/224. Later the Product Autoflug was sold to AmSafe. These RS were installed in PC-12 MSN 101 up to 344, 346,347,350 up to 356. The belt material is not anymore available, therefore new production/refurbishment is not possible. The Schroth RS P/N S/1-10-870301/875301, IAI P/N 5PC41400-505/506, Pilatus P/N 959.30.01.243/242 were introduced as replacement. These RS are interchangeable.

2.3 IAI Standard Passenger Seats

The first IAI Standard Passenger Seats were equipped with RS from the Manufacturer Autoflug P/N 503769-417/418, IAI P/N 5PC22400-507/508, Pilatus P/N 959.30.01.232/233/584/585. For the same reason as explained above for the IAI Crew Seats RS these RS were replaced by the AmSafe P/N 3122-1-011-2396, no IAI P/N defined, Pilatus P/N 959.30.01.259. These RS are interchangeable.

2.4 Ipeco Crew Seats (Pilot and Co-Pilot)

The Ipeco Crew Seats was introduced as replacement for the IAI Crew Seats with PC-12 MSN 661. The Ipeco Crew Seats are equipped with RS from the Manufacturer AmSafe P/N 4095-1-011/-021-2396, no Ipeco P/N defined, Pilatus P/N 959.30.01.141/142.

3. Refurbishment/Replacement

3.1 DASC Executive Passenger Seats and 3 Seat Bench

At first you have to check the installed RS. There are two possibilities for the Seat: Pacific Scientific or Schroth. The Bench was only delivered with Schroth.

a) Pacific Scientific

The Pacific P/N 1106185-01 can be sent for overhaul directly to the following address:

Pacific Scientific

Aviation Services Company
Maidenhead, Berkshire SL6 1AP,
England
phone: +44 (0) 1628 682200
fax: +44 (0) 1628 682250
Internet: www.pacsciurope.com
Email: custadmin@pacsciurope.com

b) SCHROTH Safety Products

The Schroth P/N 5-02-0247XX and P/N 5-02-2T47XXYYY can be sent for overhaul directly to the following Address. Color and the Plaiting option, you have to consult the attached Polyester Webbing Color Reference List (Fig. 2) and the Plating Options List (Fig. 1).

SCHROTH Safety Products, Corp.

1371 SW 8th St., Unit 8-A
Pompano Beach, FL 33069, USA
phone: +1 (954) 784-3178
fax: +1 (954) 784-3179
Internet: usa@schroth.com
<mailto:usa@schroth.com>

SCHROTH Safety Products GmbH

Vertrieb/Produktion/Service
Postfach 2440
D-59714 Arnsberg / Deutschland
Telefon: +49 (0)2932 / 9742-0 Fax: +49 (0)2932 / 9742-42
Internet: www.schroth.com
<mailto:germany1@schroth.com>

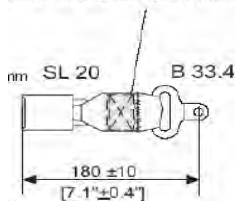
Shipping Address:

SCHROTH Safety Products GmbH
Im Ohl 14, 59757 Arnsberg-Neheim

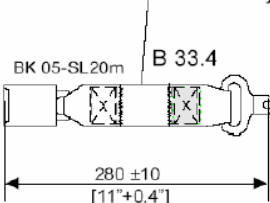
Turn a round time for Refurbishment at Schroth is approx. 4 working days.

At refurbishment the Schroth P/N 5-02-0247XX can be upgrade to P/N 5-02-2T47XXYYY. The upgrade is not done automatically. This must be ordered.

P/N: BR/5-02-0247xxRevB



SubP/N: BR/5-02-2T47xyyy



3.2 IAI Crew Seats (Pilot and Co-Pilot)

At first you have to check the installed RS. There are two possibilities: Autoflug or Schroth. The Autoflug P/N 504202-401/402/403/404 must be replaced by Schroth P/N S/1-10-870301/875301. The Schroth RS can be sent for overhaul directly to the following address:

SCHROTH Safety Products, Corp.

1371 SW 8th St., Unit 8-A
Pompano Beach, FL 33069, USA
phone: +1 (954) 784-3178
fax: +1 (954) 784-3179
Internet: usa@schroth.com
<mailto:usa@schroth.com>

SCHROTH Safety Products GmbH

Vertrieb/Produktion/Service
Postfach 2440
D-59714 Arnsberg / Deutschland
Telefon: +49 (0)2932 / 9742-0 Fax: +49 (0)2932 / 9742-42
Internet: germany1@schroth.com
<mailto:germany1@schroth.com>

Shipping Address:

SCHROTH Safety Products GmbH
Im Ohl 14, 59757 Arnsberg-Neheim

Turn a round time for Refurbishment at the factory is approx. 4 working days.

3.3 IAI Standard Passenger Seats

At first you have to check the installed RS. There are two possibilities: Autoflug or AmSafe. The Autoflug P/N 503769-417/418 must be replaced by AmSafe P/N 3122-1-011-2396. The AmSafe RS can be sent for overhaul directly to the following address:

AmSafe Aviation

United States Repair Facility
Phoenix, Arizona, USA
phone: +1 (602) 850-2899
fax: +1 (602) 442-0631

AmSafe Aviation

European Repair Facility
Hounslow, England
Phone: +44 (0)20 8572 0321
Fax: +44 (0)20 8572 2096

Different Repair facilities you will found under the web side <http://www.amsafeaviation.com/repair.htm>

3.4 Ipeco Crew Seats (Pilot and Co-Pilot)

The AmSafe P/N 4095-1-011/-021-2396 can be sent for overhaul directly to the following address:

AmSafe Aviation

United States Repair Facility
Phoenix, Arizona, USA
phone: +1 (602) 850-2899
fax: +1 (602) 442-0631

AmSafe Aviation

European Repair Facility
Hounslow, England
Phone: +44 (0)20 8572 0321
Fax: +44 (0)20 8572 2096

Different Repair facilities you will found under the web side <http://www.amsafeaviation.com/repair.htm>

4. Additional Information

4.1 Plating Option List for Schroth P/N 5-02-0247XX and P/N 5-02-2T47XXYYY.

Figure 1 (for Information only)

	Schroth Polished Chrome	PCR =	Polished Bright Chrome	SCR =	Satin brushed Chrome
PNI =	Polished Nickel	PBR =	Polished Bright Brass	SBN =	Satin brushed Nickel
MNI =	Matte Nickel	MBL =	Matt Black	SBZ =	Satin brushed Bronze
SNI =	Satin Nickel	WBR =	Medium Aged Walnut Brass	FNI =	Frosted Nickel
CNI =	Crystallite Nickel	CBZ =	Crystallite Bronze	FAX =	Frosted Gold 14k
CCR =	Crystallite Chrome	ALG =	514 Almond Gold	HBP =	Hammertone Black Pearl
PPT =	Polished Platinum	AAG =	Fine Antique Silver QCP650	HAZ =	Hammertone Gold 24k
PGZ =	Schroth Polished Gold 24k	ABZ =	Fine Antique Bronze QCP650	HGP =	High Gloss Pewter
MGZ =	Matte Gold 24k	SSN =	Standard Pewter QCP 410	DAZ =	Medium Aged Gold 24k
PGV =	Polished Gold QCP 500S - 24k	SCG =	Satin brushed Champagne Gold	DBZ =	Medium Aged Bronze
PGO =	Polished Gold QCP 500	SBP =	Satin brushed Black Pearl	DCU =	Medium Aged Copper
PGW =	Polished Gold QCP 5005	SAG =	Satin brushed Silver	RNI =	Smoked Nickel
PAG =	Polished Bright Silver	SAX =	Satin brushed Gold 14k	BCR =	Black Chrome
PGX =	Polished Bright Gold 14k	SRG =	Satin brushed Rose Gold	SGZ =	Satin Gold
PBZ =	Polished Bright Bronze	SBR =	Satin brushed Brass	TBZ =	Satin Bronze
PCU =	Polished Bright Cooper	SCU =	Satin brushed Copper	LBZ =	Light Coffee Bronze
PBP =	Polished Bright Black Pearl	SAZ =	Satin brushed Gold 24k	OAG =	Antique Silver QCP 620

4.2 Polyester Webbing Color Reference List (Schroth)

Figure 2 (for Information only)

Name of Color	Schroth Color Code no.	New Catalogue Color no.	NRCs to be paid with initial order
Black	01	601	No
Azure	91	691	No
Red	92	Not available	No
Yellow	93	693	No
Dark red	94	694	No
Purple	95	695	No
Dark grey	02	602	No
Light blue	03	603	No
Brown	04	604	Yes
Tan	05	605	Yes
Blue	06	606	No
Raisin	08	608	Yes
Burgundy	09	609	Yes
Pepperdust	10	610	No
Medium blue	12	612	Yes
Cruiser grey	14	614	No
Moon valley	15	615	Yes
Champagne	16	616	Yes
Light taupe	17	617	Yes
Cappuccino	18	618	Yes
Dove grey	19	619	Yes
Tan	20	620	Yes
Beige	21	621	Yes
Tan	22	622	Yes
Silver	23	623	Yes
Beige	24	624	Yes
Light bronze	25	625	Yes
Medium jade	26	626	Yes
Magnolia	27	627	Yes
Grey 1	28	628	Yes
Light grey	29	629	Yes
Moondust	30	630	Yes
Charcoal	31	631	Yes
Light brown	32	632	Yes
Bronze	33	633	Yes
Grey	34	Not available	Yes
Beige	35	Not available	Yes

4.3 Table with Seat Belts installation at Aircraft PC-12

Figure 3 (for Information only)

Description	Pilatus Seat P/N	RS Manufacturer	Installed at Aircraft MSN.
IAI Crew Seat Pilot – Co-Pilot	959.30.01.111,112,121,122	Autoflug	up to 190
	959.30.01.131,132	Autoflug	190 to 344 and 346,347,350 to 356
	959.30.01.133,134	Schroth	345,348,349,357 and up to 660
Ipeco Crew Seat Pilot – Co-Pilot	959.30.01.135,136	AmSafe	661 to 683
	959.30.01.143,144	AmSafe	684 and up
DASC Executive Passenger Seat	959.30.01.601,602,603,604, 609,610	Pacific Scientific	up to 264 and 266,267,269,270,273,278,279,280,281, 284,285,287,289
	959.30.01.613 up to 664	Schroth	265,271,272,274,277,283,288, 290,291,293,294 and up
DASC Executive Passenger Seat Bench	959.30.01.801 up to 805	Schroth	220,233,234,237,240,242,243,245,251, 252,268,272,274,275,283,293,303,311, 325,330,331,344,350,353,365,416,433, 675,725
IAI Standard Passenger Seat	959.30.01.501 up to 520 525.22.12.011,012	Autoflug	up to 578
	525.22.12.011,012	AmSafe	579 and up