



*This document is published to give an overview of EASA's responsibility related to parachutes.*

- 1. This list has been produced in conjunction with the NAAs of the State of Design and reflect the approvals issued by EU Member State NAAs prior to EASA.*
- 2. The absence of an approval number on this list does not mean that the parachute has no formal civilian approval, just that at the time of writing there was no immediate evidence of this fact.*
- 3. Some parachutes might be listed under different manufacturer names, as the data provided by the NAAs represents a snapshot at the time of approval. Names changes of companies might have occurred in the meantime.*
- 4. This list contains a snapshot based on the information as provided by the NAAs and will not be updated.*
- 5. All ETSOAs issued by EASA and all future approvals under the EASA ETSO system will be included in the normal publication of ETSO authorisations which is updated on a monthly basis on the EASA website under [http://www.easa.europa.eu/ws\\_prod/c/doc/Design\\_Appro/etsoa.pdf](http://www.easa.europa.eu/ws_prod/c/doc/Design_Appro/etsoa.pdf)*

*The listing provided contains the following information sorted by the name of the manufacturer:*

- 1. Name and country of the manufacturer*
- 2. Model name*
- 3. NAA which provided the data*
- 4. Reference to NAA approval or n/a if no reference was provided*
- 5. Remarks such as former company names (as known), or other details provided*

*Personnel parachutes within the scope of EASA are parachutes designed for wearing or installation on board of an aircraft within the scope of EASA for use in case of an emergency. All other parachutes are under the responsibility of the relevant Member States.*

**Disclaimer:** *EASA has produced this list of parachutes strictly for information purposes only. It is based on information received from the Member States. Whilst every care has been taken in preparing the contents of the list to avoid errors the Agency makes no warranty as to the accuracy, completeness or currency of the content. The Agency shall not be liable for any kind of damages or other claims or demands incurred as a result of incorrect, insufficient or invalid data, or arising out of or in connection with the use, copying, or display of the content, to the extent permitted by European and national laws. The information contained in the list should not be construed as legal advice.*



*Manufacturer and Country*

**Angielsko-Polskie Przedsiębiorstwo Produkcyjno-Handlowe "AIR-POL" Sp. z o.o. - Poland**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Legionowo SP-6	LFV-Sweden	101/88	
S-4	CAO Poland	Z-BS-02/00, BS-072/1	
SK-94	CAA Hungary	5634/1998	
SK-94	CAO Poland	Z-BS-50/94	
SK-94	CAO Poland	BS-50/94	
SP-6	CAA Hungary	L.I.4/398/85	
SP-6	CAA-Finland	"TSO C23 vast. Normi"	
SP-6	CAO Poland	BS-23/76, BS-111	
SP-6	CAO Poland	Z-BS-06/00, BS-111/1	
SP-6M	CAO Poland	Z-BS-16/00	

**Autoflug GmbH & Co. - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Security 350 MK2	LBA Germany	40.010/101	
Security 850 MK2	LBA Germany	40.010/100	

**Brüggemann & Brand - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
10-34/24 R	LBA Germany	40.010/07	
10-34/24 SK	LBA Germany	40.010/06	
12-59/28 R	LBA Germany	40.010/51	
12-60/24 R	LFV-Sweden	101/78	
12-66/28R-2L	LBA Germany	40.010/64	
22-54 XI	LBA Germany	40.011/07	
22-57/28 R	LBA Germany	40.010/48	
29 ft Henry II	LBA Germany	40.010/91	
L-T10	LBA Germany	40.010/83	
RFS I	LBA Germany	40.010/104JTSO	
RFS II	LBA Germany	40.010/109JTSO	
S-I	LBA Germany	40.010/95	
T-10R	LBA Germany	40.010/61	

**CSRS -**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
PL-70-I/K SP-70-I *	CAO Poland	BS-19/89	

**Etudes et Fabricationes Aeronautiques - France**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
EFA 324	CAA-Finland	"TSO C23 vast. Normi"	
EFA 3462	CAA-Finland	"TSO C23 vast. Normi"	
EFA 3463	CAA-Finland	"TSO C23 vast. Normi"	
EFA 350	CAA-Finland	"TSO C23 vast. Normi"	
EFA 356A/406 Saphir	CAA-Finland	"TSO C23 vast. Normi"	
EFA 384 P	LBA Germany	40.010/69	
EFA 504	LBA Germany	40.010/86	
EFA 687 Papillon	LBA Germany	40.010/73	
EFA Gilet	LBA Germany	40.010/80	
EFA-324	LFV-Sweden	n. a.	



*Manufacturer and Country*

**Fallschirmbau Buchsein/Hermesdorf GbR - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Slimpack II, T 204	LBA Germany	40.010/99	
Slimpack T204	CAA-Finland	TSO C23b Std	
Thinback S5, T 104	LBA Germany	40.010/98	
Thinback T104	CAA Hungary	274/2001	
Thinpack T104	CAA-Finland	TSO C23b Std	

**Firebird GmbH & Co. KG - Germany**

**formerly Performance Variable e.K.**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Omega/Quick	LBA Germany	40.014/05JTSO	
Performance Tandem / Quick TD400	LBA Germany	40.014/04JTSO	

**Försvarets Materielverk - Sweden**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
56B	LFV-Sweden	103/01	

**Free Flight Enterprises, Inc. - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Preserve I Model 201 (-)	CAA-Finland	TSO C23c	

**GFH Gesellschaft für Flugtechnik mbH - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
10-24 D-I	LBA Germany	40.010/29	
10-24/28 Ü I	LBA Germany	40.010/08	
10-34/24 S	LBA Germany	40.010/04	
10-35/28 Ü	LBA Germany	40.010/10	
10-45 D	LBA Germany	40.011/17	
10-53/20 Ü	LBA Germany	40.011/03	
10-54/20 Ü	LBA Germany	40.011/04	
10-59/30	LBA Germany	40.010/52	
10-66/24 WF	LBA Germany	40.010/66	

**GQ Parachutes Ltd - UK**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
GQ 650 Silhouette	CAA Hungary	531577/2001	
GQ 650 Silhouette	CAA-Finland	TSO C23b	
GQ 650 Silhouette	LBA Germany	40.010/106	
GQ 750 Shadow	LBA Germany	40.010/107	



**Manufacturer and Country**

**GQ Security Co - USA**

**formerly San Leonardo (GQ Security)**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
150	LFV-Sweden	103/78	
22 ft Type 350	LBA Germany	40.010/92	
22 ft Type 850	LBA Germany	40.010/97	
250	LFV-Sweden	L 895/80	
26 ft Type 150, 250	LBA Germany	40.010/93	
350	LFV-Sweden	101/81	
850	LFV-Sweden	105/85	
Canopy 22	CAA Slovenia	n. a.	
FV40	LFV-Sweden	n. a.	
Model 150	CAA-Finland	TSO C23b	
Model 250	CAA-Finland	TSO C23b	
Model 350	CAA-Finland	TSO C23b	
Pioneer	CAA Slovenia	n. a.	
Safety-chute 350	CAA Slovenia	n. a.	

**Hedge - Hungary**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
HP-01	CAA Hungary	8389/1999	

**Heinrich Mertens - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
10-30/24	LBA Germany	40.010/01	
12-60/24 R	LBA Germany	40.010/53	
12-61/24 R	LBA Germany	40.010/55	
12-82/23R	LBA Germany	40.010/96	

**HELIPARA GmbH Luftfahrzeugbau - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
30-61/24 R	LBA Germany	40.010/56	

**Irvin Great Britain Ltd - UK**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
(FV)04	LFV-Sweden	102/85	
(FV)05	LFV-Sweden	n. a.	
(FV)07	LFV-Sweden	102/85	
(FV)41	LFV-Sweden	n. a.	
(FV)46A/46C	LFV-Sweden	n. a.	
(FV)51A/51B	LFV-Sweden	n. a.	
EB62	CAA-UK	E09298	
EB62	LFV-Sweden	105/79	
Irvin BS MK.32	LBA Germany	40.010/50	
Irvin BS MK.5	LBA Germany	40.010/16	
Irvin BS-FI.28	LBA Germany	40.010/32	
Irvin BS-FI-MK.2	LBA Germany	40.010/28	
Irvin BS-TM	LBA Germany	40.010/30	
Irvin EB	LBA Germany	40.010/84	
Irvin QC MK.1	LBA Germany	40.010/31	
Irvin SS MK.10	LBA Germany	40.010/46	
Irvin SS MK.2	LBA Germany	40.010/14	
Irvin TM/QC-R	LBA Germany	40.015/1	
RC-76	LFV-Sweden	n. a.	



**Manufacturer and Country**

**Irvin-GQ Ltd - UK**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
350	CAA-UK	E13552	
650	CAA-UK	E14383	
750	CAA-UK	E14382	
850	CAA-UK	E13553	

**Kluz - Jugoslavia**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
PPJ-01-01	CAA Slovenia	n. a.	
PPL-04	CAA Slovenia	n. a.	
PPS-04	CAA Slovenia	n. a.	
PS-06-1	LBA Germany	40.010/79	

**KRAS Chormice,a.s. - Czech Republic**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
PTCH P-40	CAA-CZ	S-120-03	has met SAE AS-8015B
PTCH P-40	CAO Poland	UZ-BS-01/05	
PTCH P-50	CAA-CZ	S-24-04	has met SAE AS-8015B
PTCH P-50	CAO Poland	UZ-BS-02/05	
PTCH-P-40	CAA Hungary	530474/05	
PTCH-P-50	CAA Hungary	530474/1/05	

**MarS,a.s. - Czech Republic**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
ATL-88	CAA Slovenia	n. a.	
ATL-88	CAA-CZ	S-101-02/15-92	has met SAE AS-8015B, Cat. B
ATL-88	CAO Poland	UZ-BS-14/97	
ATL-88, ATL-88/90	LBA Germany	40.010/94	
ATL-88/82-S	CAA-CZ	S-102-02/44-96	has met SAE AS-8015B, Cat. B
ATL-88/90	CAA Hungary	532057/2001	
ATL-88/90	CAA Slovenia	n. a.	
ATL-88/90	CAA-CZ	S-103-02/46/96	has met SAE AS-8015B, Cat. B
ATL-88/90	CAO Poland	UZ-BS-14/97	
ATL-88/92-S	CAO Poland	UZ-BS-14/97	
ATL-88/98-S	CAA-CZ	S-82-03	has met SAE AS-8015B, Cat. B
ATL-88/98-S	CAO Poland	UZ-BS-16/03	
ATL-88T	CAA Slovenia	n. a.	

**MRSZ - Hungary**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
ZHM-1	CAA Hungary	3749/1999	
ZÜM-1	CAA Hungary	3749/1999	



**Manufacturer and Country**

**National Parachute Industries Inc. - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Model 360	CAA-Finland	TSO C23b	
Model 425	CAA-Finland	TSO C23b	
Model 425	LFV-Sweden	108/89	
National 360 S	CAA Slovenia	n. a.	
National 360-S/Phantom 24	CAA-Finland	TSO C23b	
National 425 S	CAA Slovenia	n. a.	
National 425-S/Phantom 26	CAA-Finland	TSO C23b	
National 490-S/Phantom 28	CAA-Finland	TSO C23b	

**Para Innovators - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
PN C-52-1	CAA-Finland	TSO C23b	
Wedge Back Pack PN C-52-1	LFV-Sweden	101/82	

**Parachutes Australia PTY LTD - Australia**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Slimpack II	CAA-Finland	TSO C23b	
Slimpack II	LFV-Sweden	102/82	
Slimpack S3	CAA-Finland	TSO C23b	
Slimpack S3	LFV-Sweden	105/78	
Thinpack	CAA-Finland	TSO C23b	
Thinpack Aerolite	LFV-Sweden	105/87	
Thinpack S5	LFV-Sweden	101/85	

**Parachutes de France S.A. - France**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
ATOM/TECHNO (Emergency parachute)	DGAC-France	WT/vk/02/13/3 855	
ATOM/TECHNO (Emergency parachute)	DGAC-France	QAC 965635	
Flexpack	CAA-Finland	QAC121, TSO C23c	Pn 80020130
Flexpack	DGAC-France	QAC 53811	
Flexpack	DGAC-France	QAC 53811	P512
Flexpack	LBA Germany	40.010/108	Type P-51200( )
Flexpack	LFV-Sweden	106/93	

**Para-Pernalia, Inc. - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Softie	CAA Slovenia	n. a.	
SOFTIE 420R	CAO Poland	UZ-BS-04/01	
Softie Long	CAA-Finland	TSO C23b	
Softie Mini	CAA-Finland	TSO C23b	
Softie Mini Wedge/Preserve 1	CAA-Finland	TSO C23c	

**Paratec Fallschirmbau - Technik - Service - Vertrieb GmbH - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Next ( )/Speed 2000 ( )	LBA Germany	40.014/06JTSO	

**Perche Fly Market - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
AT-145	CAO Poland	UZ-BS-15/01	



*Manufacturer and Country*

**Pioneer Parachute Company Inc. - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
23 ft - Para Commander	LBA Germany	40.010/88	
24 ft - Para Commander	LBA Germany	40.010/62	
27 ft - Para Commander	LBA Germany	40.010/87	
28 ft	LBA Germany	40.010/60	
AN-SS-24	LFV-Sweden	n. a.	
P 38-24	LFV-Sweden	n. a.	
P 9B	LFV-Sweden	n. a.	
P1G-24	CAA-Finland	TSO C23b	
P1G-24	LFV-Sweden	n. a.	
P2B-26 4 tai 7	CAA-Finland	TSO C23b	
P3B-24	CAA-Finland	TSO C23b	
P9B	CAA-Finland	TSO C23b	
PA-TP-26-(2)	CAA-Finland	TSO C23b	
PA-TP-26-(2)	LFV-Sweden	n. a.	
Reserve-Brustfallschirm	LBA Germany	40.010/82	
Super-Pro	LBA Germany	40.010/78	

**Scan Para Aps - Sweden**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
Slimfit Mk3 and Mk4	LFV-Sweden	104/87	

**Spekon Sächsische Spezialkonfektion GmbH - Germany**

**formerly VEB Bekleidungswerke**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
RE-5	LBA Germany	40.010/89	
RE-5 L Serie 3	CAA-Finland	JTSO C23c	
RE-5/RE-5 serie 2	LFV-Sweden	104/78	
RE-5L ( )	LBA Germany	40.010/89JTSO	
SE-4/1A	LBA Germany	40.010/102	

**Stencel Aero Eng. Corp. - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
22108-1	CAA-Finland	TSO C23b	
22108-3	CAA-Finland	TSO C23b	

**Strong Enterprises - USA**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
LoPo Steerable	CAA Slovenia	n. a.	
Mid Lite	CAA Slovenia	n. a.	
Mid Lite 26 f	CAA Slovenia	n. a.	
Para Cushion	LBA Germany	40.010/90	
Para-Cushion 1045	CAA-Finland	TSO C23b	
Para-Cushion 1045 and 1045-2	LFV-Sweden	L352/77 1206	
Para-Cushion 1045-2	CAA-Finland	TSO C23b	
Para-Cushion SG 100	CAA-Finland	TSO C23b	

**Walter Kosteletzky KG - Germany**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
1601-A2, -C1	LBA Germany	40.012/1	
1602-A2, -C1	LBA Germany	40.012/2	



*For the following list of manufacturers and parachute approvals we received additional information from the NAA of the initial State of Design which raised some doubts about these records to be included in the main list. In case someone has information about the below listed companies or parachutes, they are invited to provide the information to EASA*

## *Manufacturer and Country*

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### **PI - Czech Republic**

**According to CAA-CZ, the Czech manufacturer does not exist (it is not in the commercial register Czech Republic).**

<i>Model</i>	<i>NAA</i>	<i>Approval reference</i>	<i>Remarks</i>
ZL-62	CAA Slovenia	n. a.	The mentioned parachute is unknown to CAA-CZ.

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