



M I L I T A R Y

HAVE A **SAFE** DAY

EMPLOYEES

120

BUSINESS
LINES

3

Generation
running
the family-owned
business

4

ESTABLISHED

1926



Number of
governments
supplying to

24

Inflatables manufactured per year

100.000

Lifejackets for military boarding operations



LOCATION HQ
AND FACTORY
GERMANY



SIERRA TACTICAL



GENERAL INFORMATION

Type	SIERRA TACTICAL
Part No.	Various, depending on configuration. Please enquire.
Approval	For some configurations
NSN	Various, depending on configuration. Please enquire.

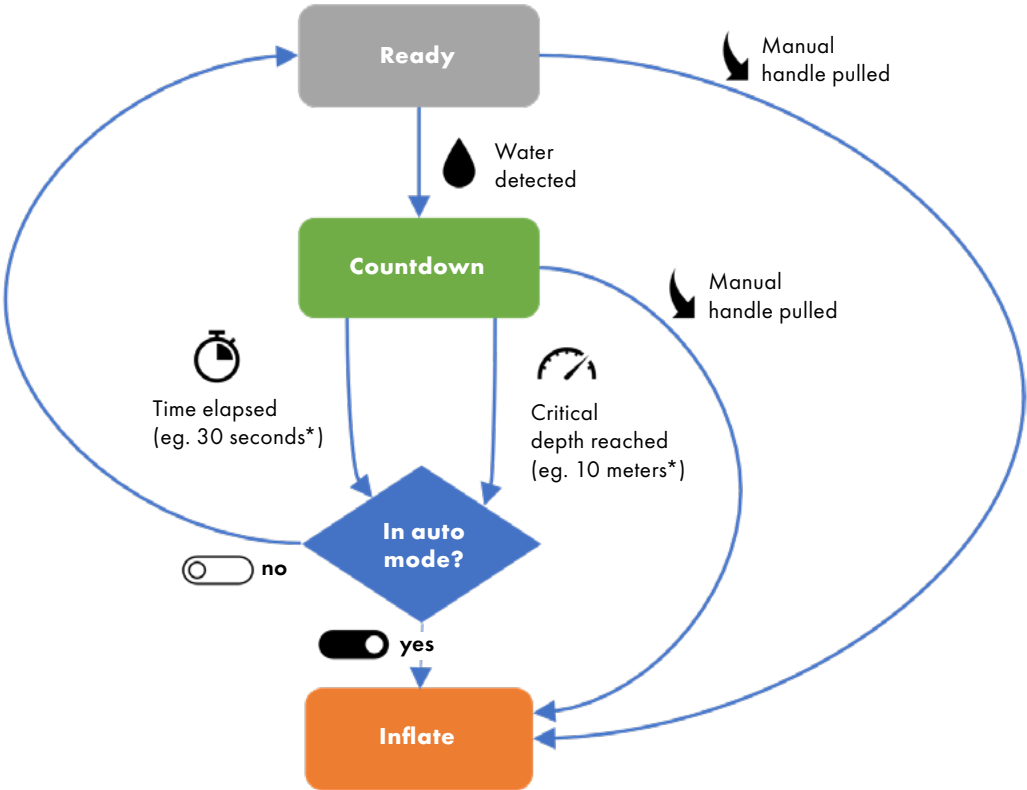
- Tactical self-inflating lifejacket in a tough Cordura® cover, which can be used standalone or with a plate carrier.
- WingleTM design buoyancy chamber with 300 N of buoyancy, ensuring fast surfacing even after massive immersion.
- Electronic multi-sensor inflation device SECUTRONIC supporting automatic mode with delayed inflation and manual-only mode. The Modes can be toggled by operator during mission.

SECUTRONIC



- Smart electronic multi-sensor inflation device.
- Toggle easily between auto mode and manual-only mode without doffing.
- Defers inflation after water contact, allowing the operator to intercept.

STATE DIAGRAM



*) Time and depth are configurable at the factory only.

SIERRA SF



GENERAL INFORMATION

Type	SIERRA SF
Part No.	15987
Approval	n/a
NSN	4220-12-404-4141

- Self-inflating lifejacket for military special forces. Can be used standalone or with a plate carrier.
- Hybrid inflation device supporting automatic mode and manual-only mode. Operating mode can be toggled by user during mission – no pre-mission lock installation required.
- Easy donning and doffing due to optional connection of lifejacket and plate carrier.
- Olive SECUMAR Winglet™ buoyancy chamber with 295 N of buoyancy.

SIERRA BT



GENERAL INFORMATION

Type	SIERRA BT
Part No.	16809
Approval	EN ISO 12402-7
NSN	n/a

- CE approved, self-inflating lifejacket. Can be used standalone or with a plate carrier.
- Hybrid inflation device supporting automatic mode and manual-only mode. Operating mode can be toggled by user during mission.
- Easy donning and doffing due to optional connection of lifejacket and plate carrier.
- Orange SECUMAR Winglet™ buoyancy chamber with 295 N of buoyancy.

SIERRA 300



GENERAL INFORMATION

Type	SIERRA 300
Part No.	17405
Approval	EN ISO 12402-2 and EN ISO 12402-6
NSN	n/a

- Self-inflating lifejacket with an ergonomically shaped shoulder area for high wearing comfort.
- SECUMAR Winglet™ and DuoProtect buoyancy chamber with 300 N of buoyancy.
- PLB and lifejacket light optional.

SIERRA SERIES

	SIERRA TACTICAL	SIERRA SF	SIERRA BT	SIERRA 300
Inflator type	SECUTRONIC multi-sensor electronic; switchable	SECUMATIC 3005 pill sensor, switchable	SECUMATIC 3005 pill sensor, switchable	SECUMATIC 4001 pill sensor, non-switchable
Filling gas	75 g CO ₂	75 g CO ₂	60 g CO ₂	60 g CO ₂
Connectors for plate carrier shoulder straps	yes	yes	yes	no
Buoyancy chamber colour	Different options available	dark green	orange	orange
CE type approval	Yes, for some configurations	no	yes	yes

MRS ALPHA



GENERAL INFORMATION

Type	MRS ALPHA
Part No.	14140
Approval	EN ISO 12402-2, EN ISO 12402-6, EN ISO 12401, SOLAS
NSN	4220-12-382-4500

- SOLAS-certified navy lifejacket.
- Orange SECUMAR 3D™ double buoyancy chamber with 300 N of buoyancy.
- Pill sensor inflation device SECUMATIC 3005 with switchable modes between automatic and manual only.
- Optional backpack for CONTRA 120 immersion suit.
- PLB optional.

CONTRA 120



GENERAL INFORMATION

Type	CONTRA 120
Part No.	Size 1 - 14595, Size 2 - 14564, Size 3 - 14594
Approval	EN ISO 15027-2, SOLAS
Material	Waterproof and breathable 3-layer GORE-TEX® laminate
NSN	4220-12-390-2328, 4220-12-390-2330, 4220-12-390-2331

- SOLAS-certified immersion suit.
- Can be put on quickly in an emergency at sea.
- Attachable to MRS ALPHA.

PERSONAL ABANDONMENT LIFEJACKET AND SUIT (PALS)



GENERAL INFORMATION

Type	RAN PALS
Part No.	15834
Approval	EN ISO 12402-2, EN ISO 12402-6; suit EN ISO 15027-2
NSN	n/a

- Manual-only lifejacket. Double buoyancy chamber with 275 N of buoyancy.
- The PAL is packed in a green pouch with a waist belt.
- PAS (not displayed but similar to CONTRA 120 (see previous page): Quick donning over the user's regular clothing.

PS 28



GENERAL INFORMATION

Type	PS 28
Part No.	17012
Approval	EN ISO 12402-2
NSN	4220-12-415-0867

- Manual-only lifejacket. Single-chamber with 275 N of buoyancy.
- Contained in compact pack ideal for limited storage such as in tanks.
- Buoyancy chamber in muted colours and fitted with a switchable lifejacket light.

CONTRA 150 SF



GENERAL INFORMATION

Type	CONTRA 150 SF
Part No.	Various, depending on size and delivery scope. Please enquire.
Approval	EN ISO 15027-1
Material	Waterproof and breathable 3-layer GORE-TEX® laminate
NSN	Various, depending on size and delivery scope. Please enquire.

- Very comfortable lightweight immersion suit.
- Can be worn over functional or thermal underwear suitable for the temperature.
- Ergonomic design, with elastic areas at the back and on the legs, allows freedom of movement. Robust enough for activities such as fast roping.
- Comes with a lined hood, a neoprene-hood, 3 pairs of gloves and a set of four detachable watertight pockets.



TSK ELEPHANT



GENERAL INFORMATION

Type	TSK ELEPHANT
Part No.	15683
Approval	EN 12628:1999
NSN	4220-12-383-8596

- Buoyancy compensator (160 N) with integrated emergency ascent device (400 N).
- Integrated rebreather mount.
- Maximum streamline, minimal drag.

MODULAR TACTICAL DIVING SYSTEM



GENERAL INFORMATION

Type	TSK 554, RCS
Part No.	15614, 17142
Approval	EN 1809
NSN	4220-12-412-8104

- RCS: Rebreather Carrying System.
- TSK 554: Buoyancy compensator with or without integrated emergency ascent device (215 N double chamber design).
- Modular lifejacket (manual-only).

MODULAR LIFEJACKET



GENERAL INFORMATION

Type	1125
Part No.	17547
Approval	n/a
NSN	n/a

- Manual-only lifepreserver collar.
- 295 N buoyancy.

CONFIGURATION VARIANTS

	Rebreather Mount	Buoyancy Compensator	Emergency Ascent Device	Scooter Connector	Climbing Harness	Lifejacket	Body Armor and MOLLE base
01	Plate Carrier	TSK 554	TSK 554	Jed Belt	Jed Belt	Lifejacket	Plate Carrier
02	Plate Carrier	TSK 554	TSK 554	Jed Belt	Jed Belt	n/a	Plate Carrie
03	Plate Carrier	TSK 554	TSK 554	n/a	n/a	Lifejacket	Plate Carrie
04	Plate Carrier	TSK 554	TSK 554	n/a	n/a	n/a	Plate Carrier
05	Plate Carrier	TSK 554-M	n/a	Jed Belt	Jed Belt	Lifejacket	Plate Carrier
06	Plate Carrier	TSK 554-M	n/a	Jed Belt	Jed Belt	n/a	Plate Carrier
07	Plate Carrier	TSK 554-M	n/a	n/a	n/a	Lifejacket	Plate Carrier
08	Plate Carrier	TSK 554-M	n/a	n/a	n/a	n/a	Plate Carrier
09	RCS	TSK 554	TSK 554	Jed Belt	Jed Belt	Lifejacket	Plate Carrier
10	RCS	TSK 554	TSK 554	Jed Belt	Jed Belt	n/a	Plate Carrier
11	RCS	TSK 554	TSK 554	Jed Belt	Jed Belt	Lifejacket	n/a
12	RCS	TSK 554	TSK 554	Jed Belt	Jed Belt	n/a	n/a
13	RCS	TSK 554	TSK 554	n/a	n/a	Lifejacket	Plate Carrier
14	RCS	TSK 554	TSK 554	n/a	n/a	n/a	Plate Carrier
15	RCS	TSK 554	TSK 554	n/a	n/a	Lifejacket	n/a
16	RCS	TSK 554	TSK 554	n/a	n/a	n/a	n/a
17	RCS	TSK 554-M	n/a	Jed Belt	Jed Belt	Lifejacket	Plate Carrier
18	RCS	TSK 554-M	n/a	Jed Belt	Jed Belt	n/a	Plate Carrier
19	RCS	TSK 554-M	n/a	Jed Belt	Jed Belt	Lifejacket	n/a
20	RCS	TSK 554-M	n/a	Jed Belt	Jed Belt	Lifejacket	n/a
21	RCS	TSK 554-M	n/a	n/a	n/a	Lifejacket	Plate Carrier
22	RCS	TSK 554-M	n/a	n/a	n/a	n/a	Plate Carrier
23	RCS	TSK 554-M	n/a	n/a	n/a	Lifejacket	n/a
24	RCS	TSK 554-M	n/a	n/a	n/a	n/a	n/a
25	Elephant	Elephant	Elephant	Jed Belt	Jed Belt	n/a	Plate Carrier
26	Elephant	Elephant	Elephant	Jed Belt	Jed Belt	n/a	n/a
27	Elephant	Elephant	Elephant	n/a	n/a	n/a	Plate Carrier
28	Elephant	Elephant	Elephant	n/a	n/a	n/a	n/a

OTB SNIPER PACK



GENERAL INFORMATION

Type	OTB Sniper Pack
Part No.	Maritime - 16207, Brown water - 16693
NSN	8465-12-411-1431, 8465-12-411-1429

- Supports submarine-based over-the-beach missions.
- Dry bag with modular buoyancy control device featuring quick release ballast keel.
- Highly modular backpack for recon/ sniper equipment.

UNDERWATER LOAD CARRYING DEVICE (ULCD)



GENERAL INFORMATION

Type	ULCD
Part No.	16606
NSN	5120-12-414-4359

- Buoyancy compensator (350 N) for objects.
- Numerous ways to attach objects.
- Particularly useful when object geometry is not known at mission start.

ACCESS



- “Amphibious Cache Container - Extensible Surface Stretcher” equipment for amphibious operations of military special forces for brown water operations.
- Electronic and remote-controlled inflation device that enables you to trigger surfacing from the shore.
- Approx. 80 l of dry storage, ideal for hiding weapons, food, medical kits or other equipment underwater during infiltration.
- 3 different configurations (Basic, Amphibious, Dive).

GENERAL INFORMATION

Type	ACCESS
Part No.	17621
NSN	Pending

SECUVAC



- Waterproof protection system for the evacuation of injured persons.
- Protects injured persons who are secured on a stretcher for transport from contact with water and thus from drowning and hypothermia.
- Can be friction-locked attached to various types of stretcher and can be equipped by an inside vacuum mattress.

GENERAL INFORMATION

Type	SECUVAC
Part No.	17130
NSN	Pending

20 MB



GENERAL INFORMATION

Type	20 MB
Part No.	Size S - 12400, Size M - 12401, Size L - 12304, Size XL - 12402, Size XXL - 12944 (XXL)
Approval	LufABw (Germany)
NSN	8415-12-361-1167

- Multi-purpose aircrew vest.
- EN 358 restraint harness, double-chamber lifejacket with 200 N of buoyancy.
- Full torso ballistic protection.

20 MB CORE



GENERAL INFORMATION

Type	20 MB CORE
Part No.	Various, depending on configuration - please enquire.
Approval	Armaero (Italy)
NSN	Pending

- Multi-purpose aircrew vest - weight reduced variant of 20 MB.
- EN 358 restraint harness, double-chamber lifejacket with 200 N of buoyancy.
- Partial torso ballistic protection.

20 HLA



GENERAL INFORMATION

Type	20 HLA
Part No.	Size S - 10801, Size M - 10802, Size L - 10433
Material	Flame retardant Nomex®
NSN	4220-12-351-7348, 4220-12-351-7347, 4220-12-351-7346

- Double-chamber lifejacket with 200 N of buoyancy for fast jet aviators.
- Certified compatibility with Martin Baker Mk 10 A seat.
- 3 sizes available.

1144



GENERAL INFORMATION

Type	1144
Part No.	17680
Material	Flame retardant Nomex®
NSN	n/a

- Double-chamber lifejacket with 180 N of buoyancy for fast jet aviators.
- Modular design: the lifejacket collar as well as the different pockets can be un-/mounted to/from the base vest as necessary.
- One-size fits most design.

HAVE A **SAFE** DAY



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