TABLE OF PRODUCT USH s.r.o.

System	USH 150	USH 35 soft	USH 35 kont.Al	USH 520 kont.	USH 520 soft	USH 52 S soft	USH 600 soft
Gross weight of airplane	150 kg	350 kg 250 kg	350 kg 250 kg	473 kg	473 kg	520 kg	600 kg 620 kg
Maximum speed for opening	140 km.h^{-1}	160 km.h^{-1} 200 km.h^{-1}	160 km.h^{-1} 200 km.h^{-1}	230 km.h^{-1}	230 km.h^{-1}	293 km.h^{-1}	220 km.h^{-1} 200 km.h^{-1}
Minimum opening height at m/km/h	70 m / 45-140	80 m / 45 - 200	80 m / 45 - 200	80 m / 65 - 230	80 m / 65 - 230	80 m / 80 - 290	150 m / 90 200 / 220
Weight of parachute with rocket	4,7 kg	7,1 kg	8,2 kg	12,1 kg	10,8 kg	12 kg	13,5 kg
Container type:	Textil. soft	Textil. soft	Hard Alu	Hard Alu	Textil. soft	Textil. soft	Textil. soft
Size of soft cont.: [mm]	110x160x350	150x230x260			145x260x400 150x230x420	145x260x450 150x230x430	480x260x 145 390x200x270
Size of hard cont.: [mm]	L= 350, ∅ 185		L= 450, ∅ 185 L= 420, ∅ 195	L= 560, ∅195 L= 530, ∅195*	*Without metal closure		
Descent Rate speed	7,5	7,2	7,2	7,5	7,5	7,5	7,5
Opening time max. Conditions [km.h^{-1}/s]	45 km.h^{-1} / 3s 140 km / 2,5 s	45 / 3s 160 / 2,4s	45 / 3s 160 / 2,4s	65 / 3,5s 230 / 3s	65 / 3,5s 230 / 3s	80 / 4s 275 / 4s	100 / 5, 4s 220 / 4,5s
Parachute type surface	E-40 / 40 m^2	R-63 / 63 m^2	R-63 / 63 m^2	E-105U-1/105m^2	E-105U-1/105m^2	E-105 S-1/105m^2	E-132/132m^2
Number of lines	22 / 18 kN	30 / 26 kN	30 / 26 kN	30 / 26 kN	30 / 26 kN	30 / 26 kN	36 / 18 kN
Lenght of strap	22 kN / 2 m	44 kN / 4 m	44 kN / 4 m	46 kN / 1 m	46 kN / 4 m	46 kN / 4 (5) m	46 kN / 4 m
Slider	No	No	No	No	No	Yes	Yes
Opening shock [kN]	8,25	17	17	19,7	19,7	21	23
Service life	24 years	24 years	24 years	24 years	24 years	24 years	24 years
Checking every	6 years	6 years	6 years	6 years	6 years	6 years	6 years
Certified	LAA	LAA, DULV	LAA, DULV	LAA, DULV	LAA, DULV	LAA, DULV	ASTM F2316
Rocket engine type	UPI-PFE-200	UPI-PFE-200	UPI-PFE-200	UPI-PFE-400	UPI-PFE-400	UPI-PFE-400	UPI-PFE-400
Total thrustpulze	220 Ns /20°C	220 Ns /20°C	220 Ns /20°C	400 Ns / 20°C	400 Ns / 20°C	400 Ns / 20°C	400 Ns / 20°C
Maximum rocket engine pul	0,96 kN	0,96 kN	0,96 kN	1,42 kN	1,42 kN	1,42 kN	1,42 kN
Burming time at 20°C	0,6 s	0,6 s	0,6 s	0,55 s	0,55 s	0,55 s	0,55 s