

System	USH 150	USH 35 soft	USH 35 kont.AI	USH 520 kont.	USH 520 soft	USH 52 S soft	USH 600 soft
Gross weight of airplane	150 kg	350 kg	350 kg	473 kg	473 kg	520 kg	600 kg
Maximum speed for opening	140 km.h <sup>-1</sup>	200 km.h <sup>-1</sup>	200 km.h <sup>-1</sup>	230 km.h <sup>-1</sup>	230 km.h <sup>-1</sup>	293 km.h <sup>-1</sup>	300 km.h <sup>-1</sup>
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 / 300
Weight of parachute with rocket	4,7 kg	7,1 kg	8,2 kg	12,1 kg	10,8 kg	12 kg	14 kg
Container type:	Textil. soft	Textil. soft	Hard Alu	Hard Alu	Textil. soft	Textil. soft	Textil. soft
Size of soft cont.: [mm]	90x180x350	160x230x270			145x260x400 150x230x420	145x260x450 150x230x430	480x260x 145 390x200x270
Size of hard cont.: [mm]			L= 450, Ø 185 L= 420, Ø 195	L= 560, Ø195			
Descent Rate speed	7,5	7,2	7,2	7,5	7,5	7,5	7,5
Opening time max. Conditions [km.h <sup>-1</sup> /s]	45 km.h <sup>-1</sup> / 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	300 / 6,5s
Parachute type surface	E-40 / 40 m <sup>2</sup>	R-63 / 63 m <sup>2</sup>	R-63 / 63 m <sup>2</sup>	E-105/105m <sup>2</sup>	E-105/105m <sup>2</sup>	E-105 S/105m <sup>2</sup>	E-107 E/107m <sup>2</sup>
Number of lines	22 / 1,8 kN	30 / 2,6 kN	30 / 2,6 kN	30 / 2,6 kN	30 / 2,6 kN	30 / 2,6 kN	40 / 2,2 kN
Lenght of strap	22 kN / 2 m	44 kN / 2,5 m	44 kN / 2,5 m	46 kN / 1 m	46 kN / 4 m	46 kN / 4 (5) m	100 kN / 4 m
Slider	No	No	No	No	No	Yes	Yes
Opening shock [kN]	8,25	17	17	19,7	19,7	21	32
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
Burning 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