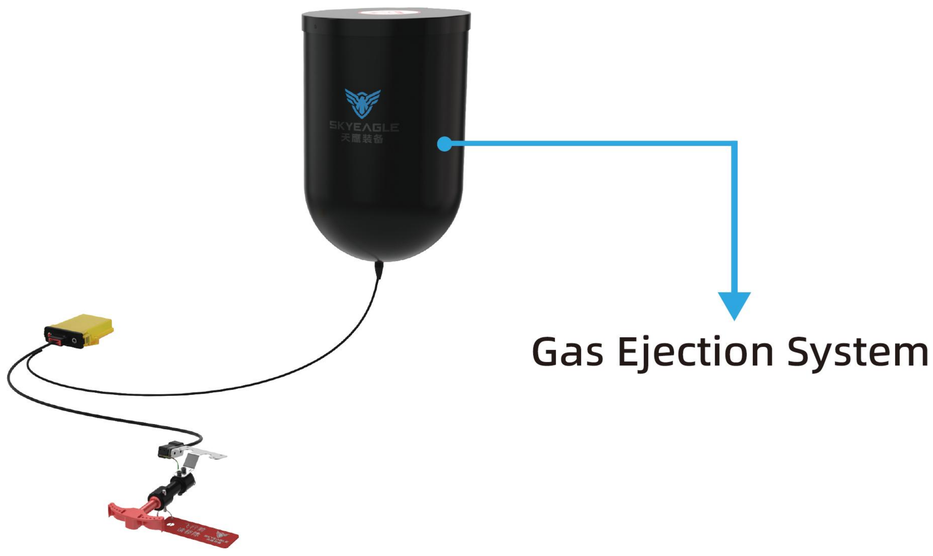
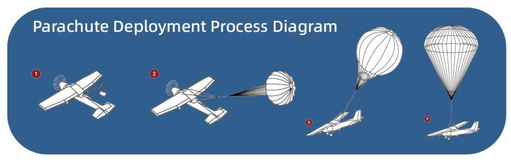
Aircraft Parachute System



-High-Speed Fixed-Wing Aircraft



Performance Specifications

Model	T183-250	T183-350	T183-500	T183-650	T183-800	T183-1000
Maximum Deployment Weight	250 kg	350 kg	500 kg	650 kg	800 kg	1000 kg
Maximum Deployment Speed	260 km/h	260 km/h	260 km/h	260 km/h	260 km/h	260 km/h
Container Dimensions (mm)	Φ206*415	Φ206*500	Φ206*500	Φ306*469	Φ306*646	Φ306*797
Total System Weight	8kg	9.9 kg	11.6kg	15.1kg	16.9kg	23.1kg
Deployment Time (at 90 km/h level flight)	5s	6 s	6s	6s	6s	6s
Minimum Deployment Altitude (at 90 km/h level flight)	100m	100m	110m	120m	140m	180m
Maximum Deployment Load	6g	6g	6g	6g	6g	6g
Maximum Descent Rate (at 1500 meters standard daytime	≤7m/s (equivalent to a fall from a height of 2.5 meters)	≤7m/s (equivalent to a fall from a height of 2.5 meters)	≤7.5m/s (equivalent to a fall from a height of 2.9 meters)	≤7.5m/s (equivalent to a fall from a height of 2.9 meters)	≤7.5m/s (equivalent to a fall from a height of 2.9 meters)	≤7.9m/s (equivalent to a fall from a height of 3.2meters)
Closure Device	Yes	Yes	yes	Yes	Yes	Yes
Parachute Area	71 ㎡	92 ㎡	110 ㎡	140 ㎡	175 ㎡	206 ㎡
Packing Cycle	6 years	6 years	6 years	6 years	6 years	6 years
Rocket Activation Method	Manual Activation/Flight Control Activation Autonomous Activation	Manual Activation/Flight Control Activation Autonomous Activation	Manual Activation/Flight Control Activation Autonomous Activation	Manual Activation/Flight Control Activation Autonomous Activation	Manual Activation/Flight Control Activation Autonomous Activation	Manual Activation/Flight Control Activation Autonomous Activation
ECU Communication Protocol	CAN \ PWM \ RS-232	CAN \ PWM \ RS-232	CAN \ PWM \ RS-232	CAN \ PWM \ RS-232	CAN \ PWM \ RS-232	CAN \ PWM \ RS-232
ECU Power Input	12-36v	12-36v	12-36v	12-36v	12-36v	12-36v
Operating Temperature Range	- 40°C - +60°C	- 40°C - +60°C	- 40°C - +60°C	- 40°C - +60°C	- 40°C - +60°C	- 40°C - +60°C
Maintenance Interval	6 years	6 years	6 years	6 years	6 years	6 years
System Service Life	12 years	12 years	12 years	12 years	12 years	12 years

***Customized Service Available**

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