



The brake landing parachute systems



The parachute systems, developed by the Institute:

- reduce the length of aircraft landing run in 1.5 - 2 times;
- are reliably deployed;
- are simple in operation;
- have longterm total service life.

The longtime satisfactory experience in parachute systems design and development in association with the leading Russian design bureaus as well as a dozen thousand of results of testing of brake parachutes for all domestic aircrafts are sure to confirm the high level of development, testing and manufacturing carried out by FSUE "NII parachutostroyeniya".

Problems, solved on the stage of development of the brake landing parachute systems:

- installation and deployment of parachute system at any variant of its mounting on the aircraft;
- parachute system stable operation in aircraft wake;
- steady motion of the aircraft with the brake parachute;
- reduced period of time of parachute system preparation for application;
- increase of total service life of the parachute system.

Type of brake landing parachute systems

Name of BLPS	Aircraft type	Mass, kg	Number of applications	Chute area, m ²	Aircraft speed with brake chute, km/h
ПТ-21УКМ	МиГ-21	10,5	50	13	320
ПТК-10370 сер.2	МиГ-23	20,0	40	21	300 (320)
ПТК-29	МиГ-29	8,0	40	17	310
ПТК-12545-70	СУ-17	23,0	80	25	300
ПТК-6М	СУ-24М	40,0	50	2x25	300
ПТК-25с	СУ-25	17,0	50	2x25	230
ПТК-10СК	СУ-27	23,0	50	2x25	300

FSUE "NII parachutostroyeniya" will design and develop in accordance with your requirements new brake landing parachute system or modify a serial one for application under new conditions in the shortest period of time.