

Technical specification
Parachute brake systems PBS -29CK

Parachute brake systems PBS -29CK - designed for shortening landing ground roll of MiG-29 aircrafts at landing or interrupted take-off MiG-29 after landing.

Parachute brake systems PBS -29CK is interchangeable with Parachute brake systems PBS -29CK.

Requirements for the composition of Parachute brake systems PBS-29CK.

The composition of 1 set of PBS-29CK includes:

№ Name Quantity, pcs.

1. vent parachute 0.05 m² - 1 pc.
2. vent parachute 1 m² - 1 pc.
3. Parachute 17 m² - 1 pc.
4. vent rope - 1 pc.
5. Case - 1 pc.
6. Chamber - 1 pc.
7. Element 0.6 m - 1 pc.
8. Element 0.415 - 1 pc.
9. Ring - 2 pcs.

Requirements for staffing tools and accessories:

PBS -29CK staffed with:

ramrod 1 unit. per 5 sets;
cord SHTKP-12-450 length 2 m. - 2 units. per 1 set;
cord SHHB-125 length 1.5 m. - 4 units. per 1 set;
cotton yarn 15 tex x 6 x 3 length 0.15 m - 60 units. per 1 set;
needle 1-11 - 1 unit per 1 set;
tube - 1 unit per 10 sets.

Set of packing:

carrying bag - 1 units. 1 set.

Requirements for spare parts and repair materials PBS-29CK.

Spare parts per each system PBS -29CK:

№ Name Quantity, pcs. Note

1. vent parachute 0.05 m² - 1 pc.
2. vent parachute 1 m² - 1 pc.
3. vent rope - 1pc. per 5 sets of ПTK-29CK
4. Case - 1 pc.
5. Chamber - 1 pc.
6. Element 0.6 m - 1 pc.
7. Element 0,415 m. - 1 pc.
8. Ring - 12 pcs

Repair materials, consisting of: 1 set per 5 sets of PBS -29CK:

9. Tape LTsvm-14-600, length 6m. Allowed segments of 2 m

10. Tape LTsvm-25-1000, length 6m. Allowed segments of 2 m
11. Threads SVM 118t, weight 0,005 kg. per each PBS -29CK

Basic technical requirements:

- to ensure reliable operation at landing speeds of 180 to 310 km/h;
- parachute system PBS -29CK is operational in service of the MiG-29;
- parachute system PBS -29CK is transported by any mode of transport at any distance, without limitation, speed and altitude;
- packed parachute system PBS -29CK is convenient to carry and deliver to the MiG-29;
- joining of PBS -29CK to the MiG-29 is carried out by regular assembly of the MiG-29;
- parachute system PBS-29CK is activated when open the flap of the parachute container.
- parachute system PBS-29CK weight - 8 kg;
- packing of the parachute system PBS-29CK with a press - not more than 10 min., manually - no more than 20 minutes.

Service life and guarantees:

- specified lifetime of the parachute system PBS -29CK - 8 years (including storage and transportation);
- assigned resource - 30 applications;
- warranty period in accordance with the passport data of the manufacturer, but not less than 12 months;
- Warranty life - 30 applications.

Requirements for the supply:

The supplied Parachute brake systems PBS -29CK complies with category 1 and supplied with operational documentation:

- passport - 1 units. 1 set;
- blank passport - 1 units. per 10 sets;
- Instruction manual - 1 copy. per 10 sets.
- Parachute system PBS -29CK is delivered in manufacturer's package, quality of the parachute system meets technical requirements.

Year of manufacturing: 2016.