

### **Fabrication of Pilot Parachute Assembly, Part No ADRDE/1204**

ADRDE, Agra developed Pilot Parachute Assembly, Part No. ADRDE/1204 is a lifesaving equipment in emergent situation. It is installed on the ejection seat of aircraft. During emergency/malfunctioning of aircraft, pilot parachute brings down the pilot safely on ground to save his life. Pilot parachute mainly consists of first stage drogue parachute, second stage drogue parachute, main canopy and harness. Pilot parachute is fabricated using various textile materials and metal components/parts with their quality standard. The textile materials consist of fabrics, narrow fabrics (tapes and webbings) and cordages. Majority of textile materials are made of Nylon.