Indian Air Force develops ARPIT

The Indian Air Force has designed, developed and manufactured an **Airborne Rescue Pod for Isolated Transportation (ARPIT)**. This pod will be utilised for **evacuation of critical patients with infectious diseases including COVID-19 from high altitude area**, isolated and remote places.

Requirement of an air evacuation system with facility to prevent spread of infectious aerosol from a COVID-19 patient during air travel was felt by IAF when COVID-19 was declared as a pandemic. This **indigenously designed system has been developed at a cost of Rs. 60,000 only**, which is very less as compared to the imported systems costing up to Sixty Lakh.

The system has been developed as a lightweight isolation system made from aviation certified material.

The **ARPIT Design requirements have been evolved and are based on the guidelines issued by Ministry of Health and Family Welfare (MoHFW), National Accreditation Board for Hospitals & Healthcare Providers (NABH) and Centre for Disease Control (CDC), USA.**