

## Drone Rules 2021: Concerns

### What is the issue?

With the Ministry of Civil Aviation notifying its liberalized Drone Rules 2021, concerns regarding drone proliferation have been on the rise.

Click [here](#) to learn more about the Drone Rules 2021

### What are the concerns regarding the new Drone Rules, 2021?

- **Security** - Incidents like twin drones attack on Jammu Air Force base, Naxals using drones for surveillance of police posts in Maharashtra-Chhattisgarh border, etc. suspects the viability of the rules
- **Privacy** - Violations of spatial privacy that may happen due to the usage of drones might also lead to the violation of data privacy.
- **Investments** - Investors concern about policy stability.
- As drone proliferation would raise security risks, there might be a reversal in the policy.
- **Voluntary compliance** - It assumes that appropriate measures would be taken by anyone who flies the RPA to prevent misuse.
- **Technical challenges** - Integrating unmanned aircraft systems into National Airspace System requires optimal utilization of airspace capacity and augmenting the existing communication networks for effective air traffic management.

### How can the airspace be protected?

- Need for an alert air traffic police that can spot trouble in advance, perhaps even something like **Israel's invisible 'Iron dome'**.
- Stakeholders need to be assured of the safety checks by outlining India's security back-up.
- DGCA should look at establishing 'drone-ways' along the lines of airways.
- This will help remotely piloted aircraft, with algorithms helping the autopilot, to safely use them even at low altitudes.
- This will also address air traffic safety and drone security.
- The technological infrastructure behind Digital Sky Platform needs to be operationalized and strengthened by removing the bugs and simplifying

the user interface.

The **Kerala police department** recently inaugurated the country's first drone research lab to help crackdown on illegal drone use

**Source: Livemint**

