

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
Rajya Sabha
UNSTARRED QUESTION NO. : 1452
TO BE ANSWERED ON THE 9th December 2024
DRONE PILOTS

1452. SHRI SANJAY KUMAR JHA

Will the Minister of CIVIL AVIATION be pleased to state:-

- (a) whether the demand for certified drone pilots has increased in the country;**
- (b) if so, the percentage increase in demand, alongwith the details of sectors where the demand has increased, State/UT-wise;**
- (c) the number of authorized centers providing training for drone pilots, State/UT -wise;**
- (d) whether the services of drone pilots are being utilized by Government for emergency services, and if so, types of services are being provided; and**
- (e) the weight and distance range for which these drones can be used?**

ANSWER

**Minister of State in the Ministry of CIVIL AVIATION
(Shri Murlidhar Mohol)**

(a) & (b) No such data is available with this Ministry. However, the issuance of Remote Pilot Certificates (RPCs) by Directorate General of Civil Aviation (DGCA)-authorised Remote Pilot Training Organisations (RPTOs) has substantially increased, and as on date, 21,030 RPCs have been issued.

(c) As on date, a total of 145 RPTOs have been authorised by DGCA to provide training, testing and certification. The state wise list of RPTOs is attached as Annexure.

(d) Government Organisations/ State Government utilise the services of drone pilots for emergency and citizen-centric services.

(e) As on date, a total of 85 Unmanned Aircraft System (UAS) model have been Type Certified by DGCA under different classes (Micro, Small and Medium) for various use cases.

The Maximum all-up-weight of Type Certified UAS models vary as per their design specifications and use cases, specified in the respective Type Certificate Datasheet issued by DGCA.

As per the certification scheme for UAS, the scope for issuance of Type Certificates of UAS is restricted to Visual Line of Sight (VLOS) operations, presently.

ANNEXURE**ANNEXURE IN REPLY TO RAJYA SABHA QUESTION NO. 1452 DUE FOR
ANSWER ON 09.12.2024****STATE-WISE/UT WISE LIST OF RPTOS**

Sl. No.	Name of RPTOs	State	Category
1	Acharya N.G. Ranga Agricultural University (ANGRAU)	Andhra Pradesh	Government
2	Centurion School of Rural Enterprise Management Trust	Andhra Pradesh	Private
3	Drogo Drones Private Limited	Andhra Pradesh	Private
4	Raxa Security Services Ltd,	Andhra Pradesh	Private
5	Assam Electronics Development Corporation Limited	Assam	Private
6	Indian Institute of Technology, Guwahati	Assam	Government
7	North East Centre For Technology Application and Reach	Assam	Government
13	Vama Skylight LLP	Daman & Diu	Private
14	Blue Ray Aviation Private Limited	Gujarat	Private
15	Doctor Drones Industries Private Limited	Gujarat	Private
16	DroneLab Technologies Private Limited	Gujarat	Private
17	Kaushalya The Skill University	Gujarat	Government
18	Kaushalya The Skill University	Gujarat	Government
19	Kite Aero Private Limited	Gujarat	Private
20	RRU - DroneAcharya,	Gujarat	Private
21	Sanskar Dham Campus	Gujarat	Private
22	Skyview UAV LLP	Gujarat	Private
23	Wow Go Green LLP	Gujarat	Private
24	AeroDrone Robotics Private Limited	Haryana	Private
25	Aerotech Destination Private Limited.	Haryana	Private
26	AITMC Ventures Ltd	Haryana	Private
27	CSC Academy	Haryana	Private
28	Drone Destination Pvt. Ltd.	Haryana	Private
29	Drone Guru India Technologies Private Limited,	Haryana	Private
30	Drone Imaging & Information Services of Haryana Limited	Haryana	Government
31	Droneverse Aviation Private Limited.	Haryana	Private
32	Flapone Aviation Private Limited	Haryana	Private
33	Flapone Aviation Private Limited,	Haryana	Private
34	Fore Institute Of Drone Technology And Research (FIDTR)	Haryana	Private
35	Global Avianautics Ltd.	Haryana	Private
36	Indira Gandhi Rashtriya Uran Akademy (IGRUA)	Haryana	Government
37	Iotechworld Avigation Private Limited	Haryana	Private
38	OVCT Venture Pvt Ltd	Haryana	Private
39	Phoenix Drone Flying LLP	Haryana	Private

40	Redbird Flight Training Academy Private Limited	Haryana	Private
41	SPH Aviation Private Limited	Haryana	Private
42	SPH Aviation Private Limited	Haryana	Private
43	SPH Aviation Private Limited,	Haryana	Private
44	VSP Flight Training Academy Private Limited	Haryana	Private
45	Wow Go Green LLP	Haryana	Private
46	Flywing India Pvt Ltd	Haryana	Private
47	Matrix Geo Solutions Pvt Ltd 47	Haryana	Private
48	Indira Gandhi Rashtriya Uran Akademy (IGRUA)	Himachal Pradesh	Government
49	Adani Skill Development Centre	Himachal Pradesh	Private
50	Aarav Unmanned Systems Private Limited	Karnataka	Private
51	Aerophile Academy Private Limited	Karnataka	Private
52	Agni Aero Sports Adventure Academy	Karnataka	Private
53	Airbus Group India Private Limited	Karnataka	Private
54	Center for Aerospace Research, Anna University	Karnataka	Government
55	Clearskies Learning & Research Pvt Ltd	Karnataka	Private
56	Defy Aerospace Private Limited	Karnataka	Private
57	DroneAcharya Aerial Innovation Limited	Karnataka	Private
58	Indira Gandhi Rashtriya Uran Akademy (IGRUA)	Karnataka	Government
59	Karnataka State Police Remote Pilot Training Institute	Karnataka	Government
60	Multiplex Drone Private Limited	Karnataka	Private
61	Neosky India Limited,	Karnataka	Private
62	Samvardhane Technologies Private Limited	Karnataka	Private
63	Krushaka Unmanned and Airborne Solutions Pvt Ltd	Karnataka	Private
64	Drone Destination Ltd	Karnataka	Private
65	Asia Soft Lab Private Limited	Kerala	Private
66	Autonomous Unmanned Aerial Systems Private Limited,	Kerala	Private
67	DroneLab Technologies Private Limited	Madhya Pradesh	Private
68	Droneverse Aviation Private Limited	Madhya Pradesh	Private
69	Ganpati Aviation Solution LLP	Madhya Pradesh	Private
70	Indira Gandhi Rashtriya Uran Akademi (IGRUA)	Madhya Pradesh	Government
71	Indira Gandhi Rashtriya Uran Akademi (IGRUA)	Madhya Pradesh	Government
72	Soaring Aerotech Private Limited	Madhya Pradesh	Private
73	Ultimate Energy Resource Private Limited,	Madhya Pradesh	Private
74	The Madhya Pradesh Flying Club Ltd.	Madhya Pradesh	Private
75	Academy of Carver Aviation Pvt. Ltd.	Maharashtra	Private

76	Accord Aviation Private Limited	Maharashtra	Private
77	AdiSA Drona Private Limited	Maharashtra	Private
78	Aman Aviation and Aerospace solution Pvt. Ltd.	Maharashtra	Private
79	Cerebrospark Academy Private Limited	Maharashtra	Private
80	DroneAcharya Aerial Innovations Pvt. Ltd.	Maharashtra	Private
81	Dronetech Solutions Private Limited	Maharashtra	Private
82	J Ve Konnect Private Limited (OPC)	Maharashtra	Private
83	Kasegaon Education Societys Rajarambapu Institute of Technology	Maharashtra	Private
84	Mahatma Phule Krishi Vidyapeeth	Maharashtra	Private
85	PBC's Aero Hub	Maharashtra	Private
86	Rao Industries,	Maharashtra	Private
87	Rotorize Aviation Private Limited	Maharashtra	Private
88	SIPNA Shikshan Prasarak Mandal - Amravati	Maharashtra	Private
89	TaraMitra Drone Academy Private Limited	Maharashtra	Private
90	Terna Public Charitable Trust	Maharashtra	Private
91	The Bombay Flying Club	Maharashtra	Private
92	Indo Swiss Centre of Excellence	Maharashtra	Private
93	Centurion University of Technology and Management,	Odisha	Private
94	Skyvan Aviation (OPC) Private Limited	Odisha	Private
95	Aeropioneer institutes pvt ltd.	Odisha	Private
96	DroneAcharya Aerial Innovation Limited	Punjab	Private
97	Drone Destination Pvt. Ltd.	Punjab	Private
98	Dronetech Solutions Private Limited	Punjab	Private
99	Punjab Agricultural University	Punjab	Government
100	Drone Sphere Private Limited	Rajasthan	Private
101	Wissmo Agventure Private Limited	Rajasthan	Private
102	DroneAcharya Aerial Innovation Limited	Rajasthan	Private
103	Hogwarts school of drones pvt ltd	Rajasthan	Private
104	Redbird Flight Training Academy Private Limited	Rajasthan	Private
105	Dronum India Aviaiton Pvt Ltd	Rajasthan	Private
106	Drone Rangers India Pvt Ltd	Rajasthan	Private
107	FORE Institute of Drone Technology and Research	Rajasthan	Private
108	Center for Aerospace Research, Anna University	Tamil Nadu	Government
109	Garuda Aerospace Private Limited	Tamil Nadu	Private
110	Indira Gandhi Rashriya Uran Akademi (IGRUA)	Tamil Nadu	Government
111	Indira Gandhi Rashriya Uran Akademi (IGRUA)	Tamil Nadu	Government
112	Sri Eshwar Drone tech Pvt Ltd	Tamil Nadu	Private
113	Tamil Nadu Agriculture University	Tamil Nadu	Government
114	Virginia Tech India Research And Education Forum	Tamil Nadu	Private

115	Athiran Aerial Innovations Private Limited	Tamil Nadu	Private
116	Yali Air Rescue Pvt Ltd	Tamil Nadu	Private
117	Flytutor Technologies Pvt Ltd	Tamil Nadu	Private
118	Center for Aerospace Research, Anna University	Tamil Nadu	Government
119	Aerdroids Technology Pvt Ltd	Tamil Nadu	Private
120	Drone Academy Pvt Ltd	Telangana	Private
121	Flytech Aviation Academy	Telangana	Private
122	Marut Dronetech Private Limited	Telangana	Private
123	Pavaman Aviation Private Limited	Telangana	Private
124	PJTSAU Drone Academy	Telangana	Government
125	TARA UAV Private Limited	Telangana	Private
126	Telangana State Aviation Academy	Telangana	Government
127	Woahage Aviation Private Limited	Telangana	Private
128	Better Fly Drone Academy Private Limited	Telangana	Private
129	Gundavaram Vanaja Bhaskar Rao Vidyapeet	Telangana	Private
130	Marut Dronetech Pvt Ltd	Telangana	Private
131	Advect Skills Private Limited	Uttar Pradesh	Private
132	AKGEC Skill Foundation	Uttar Pradesh	Private
133	Dronachariya Drone Academy LLP	Uttar Pradesh	Private
134	Drone Acharya Udaan LLP	Uttar Pradesh	Private
135	Drone Destination Private Limited	Uttar Pradesh	Private
136	Drone Van Private Limited	Uttar Pradesh	Private
137	Dronier Avigation Private Limited	Uttar Pradesh	Private
138	Naini Aerospace Limited.	Uttar Pradesh	Government
139	Pioneer Flying Academy Pvt. Ltd	Uttar Pradesh	Private
140	Shaurya Drone Pvt Ltd	Uttar Pradesh	Private
141	DroneAcharya Aerial Innovation Limited	Uttar Pradesh	Private
142	Berry Avionics(India) Pvt Ltd	Uttar Pradesh	Private
143	Droneverse Aviation Pvt Ltd	Uttar Pradesh	Private
144	Dronier Avigation Private Limited	Uttarakhand	Private
145	Evana Electricals Private Limited	West Bengal	Private

Source: Directorate General of Civil Aviation