

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
Lok Sabha
UNSTARRED QUESTION NO. : 229
(TO BE ANSWERED ON THE 20th July 2023)
CERTIFIED DRONE PILOTS

229. SHRI GHANSHYAM SINGH LODHI

Will the Minister of CIVIL AVIATION

be pleased to state:-

- (a) whether the demand of certified drone pilots has increased in the country;**
- (b) if so, the quantum of percentage increased along with the details of sectors in which it has increased, State/UT-wise;**
- (c) the number of authorized centers to provide training for drone pilots, State/UT-wise;**
- (d) whether the services of drone pilots is being availed by the Government for emergency services and if so, the type of services being taken thereof; and**
- (e) the weight and distance for which these drones could be used?**

ANSWER

Minister of State in the Ministry of CIVIL AVIATION
(GEN. (DR) V. K. SINGH (RETD))

(a) & (b) Yes sir, since, the issuance of the Drone Rules, 2021 and the Drones (Amendment) Rules, 2022, more than 5000 Remote Pilot Certificates (RPC) have been generated through the Digital Sky Platform. There has been increase of approximately 1365 percent in the number of drone pilot licenses as on 1st July 2023 vis a vis 1st July 2022. The State/UT wise details of the RPCs may be seen at Annexure 1.

(c) The details of State/ UT-wise authorized Remote Pilot Training Organizations (RPTO) is placed at Annexure 2;

(d) Drones have applications in almost all sectors of the economy in ordinary as well as emergency services. Sectors involving application of drones include agriculture, vaccine delivery, surveillance, search and rescue, transportation, mapping, defence and law enforcement to name a few. Many of these have been in remote areas of the country. Private players are also enabled to use drones for various services subject to compliance with Drone Rules, 2021.

(e) DGCA issues type certificate for each drone in accordance with Drone Rules 2021. Currently, the scope of Type Certification includes the all up weight and the operating distance is limited to Visual Line of Sight (VLOS) (typically 500m).

ANNEXURE 1

ANNEXURE IN REPLY TO LOK SABHA UNSTARRED QUESTION NO. 229 DUE FOR ANSWER ON
20TH JULY 2023NUMBER OF CERTIFIED DRONE PILOTS AS ON 1ST JULY 2022 AND 1ST JULY 2023 STATE/UT WISE

S.no	State Name	Count as on 1 st July 2022	Count as on 1 st July 2023
1	ANDAMAN & NICOBAR ISLANDS	15	2
2	ANDHRA PRADESH	0	427
3	ARUNACHAL PRADESH	0	4
4	ASSAM	2	110
5	BIHAR	9	96
6	CHANDIGARH	1	18
7	CHATTISGARH	1	39
8	DAMAN & DIU	0	1
9	DELHI	25	145
10	GOA	1	22
11	GUJARAT	26	336
12	HARYANA	23	163
13	HIMACHAL PRADESH	14	200
14	JAMMU & KASHMIR	2	14
15	JHARKHAND	4	45
16	KARNATAKA	13	327
17	KERALA	6	153
18	MADHYA PRADESH	15	159
19	MAHARASHTRA	68	744
20	MANIPUR	0	9
21	MEGHALAYA	4	11
22	NAGALAND	0	3
23	ODISHA	5	65
24	PONDICHERRY	0	14
25	PUNJAB	1	57
26	RAJASTHAN	14	114
27	SIKKIM	0	3
28	TAMIL NADU	34	1087
29	TELANGANA	29	264
30	TRIPURA	1	4
31	UTTARAKHAND	1	45
32	UTTAR PRADESH	28	281
33	WEST BENGAL	4	110
34	TOTAL	346	5072

Source: Happiest Minds Technologies Limited

**ANNEXURE IN REPLY TO LOK SABHA UNSTARRED QUESTION NO. 229 DUE FOR ANSWER ON
20TH JULY 2023**

STATE/UT WISE REMOTE PILOT TRAINING ORGANIZATION (RPTO) DETAILS

S. No.	Name of Approved Training organization	City	State	Base of Operation
1	Acharya N.G. Ranga Agricultural University (ANGRAU) Andhra Pradesh	Guntur	Andhra Pradesh	Acharya N.G. Ranga Agricultural University (ANGRAU), Amaravahi Road, Lam, Guntur-522034 Andhra Pradesh
2	Drogo Drones Private Limited	Guntur	Andhra Pradesh	D. No 12/468/1, Bypass Road, TadepalliVillage,Tadepallimandal,Guntur, 522501, ANDHRA PRADESH
3	Raxa Security Services Ltd*	Hindupur Taluk	Andhra Pradesh	Raxa Academy, Near KodikondaCheckpost, Moramapalli Post, Chilamathur,Hindupur Taluk, Andhra Pradesh - 515601
4	Assam Electronics Development Corporation Ltd.	Guwahati-	Assam	Assam Forest School, Jalukbari, Guwahati, Assam-781014 and Classroom&Simulator at Tech City, NH-17, Bongora, Guwahati-15, Assam
5	Sanskardham Campus	Ahmedabad	Gujarat	Bhopal GhumaSanand Road, Near Manipur Village, Ahmedabad-382115
6	Blue Ray Aviation Private Limited	Mehsana	Gujarat	Village Merda-Ardaj, TalukaKadi District Mehsana - 382 721 Gujarat
7	Kaushalya The Skill University	Gandhinagar	Gujarat	Bhoyan Rothod, Opp. IFFCO, Near ONGC WSS, AdalajKalol Highway, Gandhinagar-382420
8	RRU - DRONEACHARYA (RashtriyaRaksha University)	Gandhinagar	Gujarat	Rashtriya Raksha University, Lavad, Dahegam, Gandhinagar, Gujarat 382305
9	WOW GO GREEN LLP	Gandhinagar	Gujarat	Silver Oak, Ramnagr Village, Kalol Dis. Gandhinagar, Gujarat.
10	Kite Aero Pvt Ltd	Vadodara	Gujarat	Survey No-517, Opp. Emu Farm, Near Vav Vasahat, Waghodia- Rustampura Road, Saidal Village, Vadodara-391761
11	Drone Destination Pvt. Ltd.	Gurugram	Haryana	Village BahoraKalan, The: Patudi, Distt. Gurugram-122413
12	GANPATI AVIATION SOLUTIONS LLP	Bahadurgarh	Haryana	Jagannath University, Bahadurgarh- Jhajjar Road, Haryana
13	Government Aviation Training Institute (Global Avianautics Ltd.)	Gurugram	Haryana	Village Kharkari, PO- Baslambi, Distt. Gurugram, Haryana-122414
14	Indira Gandhi RashtriyaUranAkademi	Gurugram	Haryana	BhoraKalan, Gurugram, Haryana-122413
15	Fore Institute Of Drone Technology And Research (FIDTR)	Gurugram	Haryana	Sector 86, Manesar Gurugram Haryana
16	Drone Imaging & Information Services of Haryana Limited	Karnal	Haryana	Community Centre, Ward No.- 4, Near Shiv Temple, Phoosgarh, Karnal, Haryana - 132001
17	Flapone Aviation Private Limited*	Sonipat	Haryana	Village AkbarpurBarota, Sonipat, Haryana - 131103
18	CSC Academy	Karnal	Haryana	RPPIT, Village Bastara, Killa No 25, Murabba No 64, Kewat No 139 Tehsil Gharaunda, Karnal, Haryana - 132114
19	Phoenix Drone Flying LLP	Gurugram	Haryana	KR Mangalam University, Sohna Road, Gurugram, Haryana 122103
20	SPH Aviation Pvt Ltd	Gurugram	Haryana	Kasra Number-1535 Village and Post Shikhopur, Gurgaon, Haryana -122004
21	Indira Gandhi Rashtriya Uran Akademy(IGRUA)	Shahpur	Himachal Pradesh	Industrial Training InstituteShahpur-176206Himachal Pradesh
22	Indira Gandhi Rashtriya Uran Akademy (IGRUA)	Bengaluru	Karnataka	Thirumagondanahalli Doddaballapur Bengaluru - 561205

				Karnataka
23	Agni Aero Sports Adventure Academy	Mandya district	Karnataka	R.R Number 9/93-94, Khatha Number 116, Survey Number 193/1, GiryaraHalli, ChinakuralliHobli, PandavapuraTaluk, Mandya district Karnataka-571812
24	Multiplex Drone private Ltd	Bangalore	Karnataka	Survey No. 26/1, 26/2, 27/2, Mallarabanavadi Village, Bangalore - 562123
25	Aerophile Academy Private Limited,	Bangalore	Karnataka	Survey No. 43/2, & 43/3 Kallodu Village, Madhure Hobli, Doddaballpur, Bengalore, Karnataka-560089
26	Neosky India Limited	Kolar	Karnataka	Survey No. 40/1, Kuthandahalli Village, Vokkaleri Hobali, Kolar Thaluk & District, Karnataka-563133
27	Airbus Group India Private Limited	Bangalore	Karnataka	Alliance University, Chikkahagade Cross, Chandrapura - Anekal Main Road Anekal Bangalore - 562106
28	Autonomous Unmanned Aerial Systems Private Limited	Kasrgod	Kerala	Municipal Stadium Ground, Vidyanagar-Uliyathedka Road Vidyanagar, Kasrgod - 671123
29	Indira Gandhi Rashtriya Uran Akademi	Gwalior	Madhay Pradesh	MITs (Madhav Institute of Technology & Science), Gwalior, MP-474005
30	Ultimate Energy Resource Private Ltd	Bhopal	Madhay Pradesh	Salaiya Road, Misrod, Bhopal (Madhya Pradesh) Pin Code - 462047
31	Indira Gandhi Rashtriya Uran Akademi	Bhopal	Madhay Pradesh	Skill Devlopment Centre, Agricultural Engg. Badwai, Bhopal, Madhya Pradesh, 462038
32	Redbird Flight Training Academy*	Dwarka	New Delhi	E-520A, First Floor, near Ramphal Chowk, Palam Extension, Sector-7, Dwarka, New Delhi - 110077
33	DroneAcharya Aerial Innovation Pvt. Ltd.	Pune	Maharashtra	Oriental Education Society ITI, Gaud Dara , The: Haveli, Distt- Pune-412205
34	PBC's Aero Hub	Pune	Maharashtra	Gat No 1190/2, Shivari, Purandar, Pune-413133
35	Academy of Carver Aviation Pvt. Ltd.	Pune	Maharashtra	KrishiUdyogMoolShikshanSanstha, Karthati, Baramati, Pune-412204
36	The Bombay Flying Club	Dhule	Maharashtra	Dhule, Gondur Airfield, Maharashtra
37	Aman Aviation and Aerospace solution Pvt. Ltd.	Palghar	Maharashtra	Kalyani Village Resort, ghateghar, Shirsadambadi road, near vajershwari, virar east, thane palghar-401203
38	Mahatma Phule Krishi Vidyapeeth	Ahmednagar	Maharashtra	Mahatma PhuleKrishiVidyapeeth, Agricultural Research Station, Chas, Ahmednagar, Maharashtra 41005, India
39	Terna Public Charitable Trust	Osmanabad	Maharashtra	Terna Public Charitable Trust, Solapur Road, Osmanabad-413501
40	AdiSA Drona Private Limited	Sangli	Maharashtra	AnnasahebDange Educational Complex, ADCET, Ashta, Dist Sangli-416301
41	Kasegaon Education Societys Rajarambapu Institute of Technology	Sangli,	Maharashtra	Rajaram Nagar, Sakhrale, Islampur, Taluka – Walwa, Dist – Sangli, State – Maharashtra, Pin Code - 415414
42	Rao Industries	Pune	Maharashtra	GAT 181, Rao House, 3HP Wafgaon, RajgurunagarKhed, Pune, Maharashtra, 410505
43	Dronetech Solutions Private Ltd	Phalghar	Maharashtra	Survey No 180, 184, 185, Nilemore, Nallasopara (West), Phalghar-401203
44	J VE Konnect Private Limited (OPC),	Navi Mumbai	Maharashtra	608, Ellora Fiesta, Sanpada, Navi Mumbai - 400706
45	Centurion University of Technology and Management	Paralakhemundi	Odisha	Village Alluri Nagar, R.Sitapur, Paralakhemundi Odisha - 761211
46	Drone Destination Pvt. Ltd.	Mohali	Punjab	Chandigarh University, Distt-Mohali (Punjab)
47	Wissmo Agventure Private Limited	Jaipur	Rajasthan	SKN University, Deptt of Agriculture Engg., Jobner, Jaipur, Rajasthan-303328
48	Indira Gandhi Rashriya Uran Akademy (IGRUA)	Coimbatore	Tamilnadu	Hindusthan College of Engineering & Technology, Coimbatore-641032, Tamil Nadu
49	Indira Gandhi Rashriya Uran Akademy (IGRUA)	Madurai	Tamilnadu	Vaigai College of Engineering, MelurTaluk, Madurai-625122
50	GARUDA AEROSPACE	Chennai	Tamilnadu	Garuda Aerospace, Thalambur, OMR, Chennai

	PRIVATE LIMITED			
51	CASR Anna University	Chennai	Tamilnadu	CASR, MIT Campus, Anna University Chennai, Pin- 600044
52	Telangana State Aviation Academy	Hyderabad	Telangana	Begumpet, Hyderabad
53	Marut DroneTech Pvt. Ltd.	Hyderabad	Telangana	National Institute of Plant Health Management (NIPHM), Rajendra Nagar, Hyderabad-500030
54	Flytech Aviation Academy	Hyderabad	Telangana	Nadergul Airfield, hyderabad, Telangana-500070
55	Drone Academy Private Ltd	Hyderabad	Telangana	5A/6B, H. NO. 7-34/4-A, White Waters, Timberlake Colony, Shaikpet, Tolichowki Road, Hyderabad, Telangana - 500008
56	Pavman Aviation Private Limited	Telangana	Telangana	15th Floor, Kapil Towers, Nanakramguda, Hyderabad, Telangana - 500032
57	Woahage Aviation Private Limited	Bhuvanagiri	Telangana	Sy. No. 622/4, Pallepahad Village, M. Thurkapally Mandal, YadadriBhuvanagiri District, Telangana, Pincode : 508116
58	Dronachariya Drone Academy LLP	Meerut	Uttar Pradesh	Meharmati Ganeshpur Sardhana Meerut, UP
59	Pioneer Flying Academy Pvt. Ltd	Aligarh	Uttar Pradesh	Ozone City, Aligarh-202001
60	Drone Destination Private Limited	Phulpur	Uttar Pradesh	MotiLal Nehru Farmers Training Institute,CORDET, IFFCO, Phulpur, UP- 212404

Source: Directorate General of Civil Aviation
