

(c) Presently, a total of 8327 Pilots are employed by the major Scheduled airline operators. Keeping in view the projected requirements of 1043 aircraft to be inducted by schedule airlines over a period of next eight years and air crew/aircraft utilisation, there is a projected requirement of approx. 12516 pilots in the country by 2025.

(d) No such information is maintained by this Ministry. Every Scheduled and Non-Scheduled airline operator has its own independent system of human resource management, including conduct of recruitment exams.

(e) The details of the total number of flight crew licences issued during the last two years and the current year is given in the Statement.

Statement

Details of the total number of flight crew licences issued during the last two years and current year (Upto 31.01.2019)

Type of Licence	2017	2018	2019 (upto 31.01.2019)
Airline Transport Pilot's Licence	495	593	59
Commercial Pilot's Licence	593	659	57
Private Pilot's Licence	106	109	7

Bidding under RCS

1103. SHRI A. K. SELVARAJ: Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether it is a fact that the third round of bidding under the Regional Connectivity Scheme (RCS) for domestic routes concluded recently and 15 airlines had bid for a total of 111 routes;

(b) if so, the details thereof;

(c) whether it is also a fact that these include a bulk of the 56 routes withdrawn from Air Odisha and Air Deccan because of their inability to launch flights; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF CIVIL AVIATION (SHRI JAYANT SINHA): (a) and (b) In third round of bidding under the Regional

Connectivity Scheme for domestic routes concluded recently, 15 airlines had bid for total 111 routes. After due evaluation as per the provisions of RCS-UDAN version 3.0, 73 number of networks consisting of 235 routes were awarded to Selected Airline Operators (SAOs) and the details are given in Statement-I (*See below*).

(c) and (d) 16 routes have been awarded under UDAN-3, out of cancelled routes of UDAN-1, details of which is given in the Statement-II.

Statement-I

Details of 73 number of networks consisting 235 routes awarded to selected airline operators

State	Status	Airport (D)	Airport (A)	Bidder
Andaman Nicobar	Served	Portblair	Car Nicobar	Andaman Airways
			Shibpur	Andaman Airways
	Unserved	Campbell Bay	Car Nicobar	Andaman Airways
		Car Nicobar	Campbell Bay	Andaman Airways
		Shibpur	Portblair	Andaman Airways
Andhra Pradesh	Served	Kadapa	Belgaum	Trujet
		Rajamundry	Vishakhapatnam	Indigo
		Tirupati	Belgaum	Ghodawat
			Kalaburgi (Gulbarga)	Trujet
		Vijaywada	Nagarjuna Sagar	Ghodawat
		Vishakhapatnam	Jagdalpur	Turbo Aviation

State	Status	Airport (D)	Airport (A)	Bidder
Assam	Served	Dibrugarh	Kalaikunda	Alliance Air
			Rajamundry	Indigo
			Dimapur	Indigo
			Imphal	Indigo
			Guwahati	Alliance Air
		Jorhat	Lilabari	Indigo
				Spicejet Limited
			Guwahati River front	Spicejet Limited
			Guwahati	Indigo
				Spicejet Limited
Bihar	Served	Guwahati River Front	Jorhat	Spicejet Limited
			Shillong	Spicejet Limited
			Umrangso Reservoir	Spicejet Limited
		Umrangso Reservoir	Guwahati River front	Spicejet Limited
		Gaya	Kasia	Turbo Aviation
		Patna	Amritsar	Spicejet Limited
Chandigarh (UT)	Served	Chandigarh	Pantnagar	Heritage Aviation
		Shimla		Heritage Aviation
Chattisgarh	Served	Raipur	Jagdalpur	Alliance Air
			Jharsuguda	Alliance Air
				Turbo Aviation

State	Status 3	Airport (D)	Airport (A)	Bidder
			Rourkela	Turbo Aviation
	Unserved	Jagdapur	Bhubaneshwar	Turbo Aviation
			Hyderabad	Alliance Air
				Turbo Aviation
			Raipur	Alliance Air
			Vishakhapatnam	Turbo Aviation
Delhi	Served	Delhi	Agra	Spicejet Limited
				Zoom Air
			Calicut	Indigo
			Ghazipur	Spicejet Limited
			Jamnagar	Jet Airways Pvt. Ltd.
			Jharsuguda	Spicejet Limited
			Khajuraho	Spicejet Limited
			Kota	Alliance Air
Goa	Served	Goa	Jamnagar	Ghodawat
			Mysore	Alliance Air
Gujarat	Served	Ahmedabad	Belgaum	Ghodawat
			Kishangarh	Ghodawat
				Spicejet Limited
			Udaipur	Jet Airways India Limited
				Spicejet Limited

State	Status 3	Airport (D)	Airport (A)	Bidder
	Unserved	Surat	Belgaum	Ghodawat
			Kishangarh	Ghodawat
			Statue of unity	Spicejet Limited
		Sabarmati River Front	Shatrunjay Dam	Spicejet Limited
			Statue of unity	Spicejet Limited
			Shatrunjay Dam	Spicejet Limited
		Statue of unity	Sabarmati River front	Spicejet Limited
			Surat	Spicejet Limited
	Under served	Bhavnagar	Pune	Spicejet Limited
		Jamnagar	Bangalore	Ghodawat
			Goa	Ghodawat
Haryana	Unserved	Ambala	Delhi	Jet Airways Pvt. Ltd.
			Hindan	Ghodawat
			Hyderabad	Ghodawat
			Keshod	Alliance Air
Himachal Pradesh	Served	Dharamshala	Awantipur (Shrinagar)	Zoom Air
			Lucknow	Zoom Air
			Shimla	Heritage Aviation
			Shimla	Aviation Infra
	Under served	Kullu	Shimla	Heritage Aviation
			Shimla	Heritage Aviation
		Shimla	Chandigarh	Heritage Aviation

State	Status 3	Airport (D)	Airport (A)	Bidder
			Dharamshala	Heritage Aviation
			Hindan	Heritage Aviation
			Kullu	Aviation Infra
				Heritage Aviation
Jammu and Kashmir	Served	Jammu	Gwalior	Spicejet Limited
	Unserved	Awantipur	Ambala	Zoom Air
Karnataka	Served	Bangalore	Agra	Indigo
			Gwalior	Spicejet Limited
			Jamnagar	Ghodawat
			Kalaburgi (Gulbarga)	Alliance Air
				Ghodawat
			Mysore	Alliance Air
			Tanjore	Spicejet Limited
	Unserved	Kalaburgi (Gulbarga)	Bangalore	Alliance Air
				Ghodawat
			Hindan	Ghodawat
			Tirupati	Ghodawat
	Under served	Belgaum	Ahmedabad	Ghodawat
			Hyderabad	Indigo
				Spicejet Limited
				Trujet
			Indore	Ghodawat
			Jaipur	Ghodawat

State	Status	Airport (D)	Airport (A)	Bidder
			Jodhpur	Ghodawat
			Kadapa	Trujet
			Mumbai	Spicejet Limited
				Ghodawat
			Mysore	Trujet
			Nagpur	Ghodawat
			Ozar(Nasik)	Ghodawat
			Pune	Alliance Air
			Surat	Ghodawat
			Tirupati	Ghodawat
				Trujet
		Mysore	Bangalore	Alliance Air
			Cochin International Airport (CIAL)	Alliance Air
			Goa	Alliance Air
			Hyderabad	Alliance Air
				Indigo
Kerala	Served	Calicut	Delhi	Indigo
		Cochin International Airport (CIAL)	Mysore	Alliance Air
Madhya Pradesh	Served	Bhopal	Agra	Indigo
				Zoom Air
			Gwalior	Jet Airways India Limited
			Udaipur	Jet Airways India Limited
				Spicejet Limited

State	Status 3	Airport (D)	Airport (A)	Bidder
	Under served	Indore	Agra	Zoom Air
			Belgaum	Ghodawat
			Kishangarh	Ghodawat
		Khajuraho	Delhi	Spicejet Limited
			Bangalore	Spicejet Limited
			Bhopal	Jet Airways India Limited
			Hyderabad	Spicejet Limited
			Jammu	Spicejet Limited
			Kolkata	Spicejet Limited
Maharashtra	Served	Aurangabad	Udaipur	Jet Airways India Limited
			Kolhapur	Ghodawat
		Mumbai		Trujet
			Adampur	Spicejet Limited
			Agra	Jet Airways Pvt. Ltd.
			Amravati	Alliance Air
			Belgaum	Ghodawat
				Spicejet Limited
			Durgapur	Spicejet Limited
			Jalgaon	Trujet
			Jharsuguda	Jet Airways Pvt. Ltd.

State	Status 3	Airport (D)	Airport (A)	Bidder
			Keshod	Alliance Air
			Kolhapur	Ghodawat Trujet
		Nagpur	Belgaum	Ghodawat
		Ozar (Nasik)	Belgaum	Ghodawat
		Pune	Bhavnagar	Spicejet Limited
			Belgaum	Alliance Air
	Unserved	Amravati	Mumbai	Alliance Air
	Under served	Jalgaon	Mumbai	Trujet
Manipur	Served	Imphal	Dibrugarh	Indigo
			Dimapur	Alliance Air
Meghalaya	Under served	Shillong	Guwahati	Spicejet Riverfront Limited
			Kolkata	Indigo
Mizoram	Served	Aizawl	Agartala	Indigo
Nagaland	Under served	Dimapur	Dibrugarh	Indigo
			Guwahati	Alliance Air
			Imphal	Alliance Air
Odisha	Served	Bhubaneswar	Jagdalpur	Turbo Aviation
			Jharsuguda	Alliance Air Turbo Aviation
			Kalaikunda	Alliance Air
			Rourkela	Alliance Air Turbo Aviation
			Varanasi	Alliance Air Indigo
	Unserved	Jharsuguda	Bhubaneswar	Alliance Air

State	Status 3	Airport (D)	Airport (A)	Bidder
Punjab	Served			Turbo Aviation
			Delhi	Spicejet Limited
			Hyderabad	Spicejet Limited
			Kolkata	Alliance Air Spicejet Limited
			Raipur	Alliance Air Turbo Aviation
	Under served	Rourkela	Bhubaneswar	Alliance Air Turbo Aviation
		Amritsar	Raipur	Turbo Aviation
			Jaipur	Spicejet Limited
			Kolkata	Indigo
			Patna	Spicejet Limited
Rajasthan	Served	Adampur	Jaipur	Spicejet Limited
		Bikaner	Mumbai	Spicejet Limited
			Jaisalmer	Zoom Air
			Adampur	Spicejet Limited
			Amritsar	Spicejet Limited
			Belgaum	Ghodawat
		Jaisalmer	Agra	Zoom Air

State	Status 3	Airport (D)	Airport (A)	Bidder
		Jodhpur	Bikaner	Zoom Air
			Kishangarh	Zoom Air
			Belgaum	Ghodawat
			Kishangarh	Zoom Air
			Udaipur	Jet Airways India Limited
		Udaipur	Ahmedabad	Jet Airways India Limited
				Spicejet Limited
			Aurangabad	Jet Airways India Limited
			Bhopal	Jet Airways India Limited
				Spicejet Limited
			Jodhpur	Jet Airways India Limited
			Kishangarh	Zoom Air
	Unserved	Kota	Delhi	Alliance Air
	Under served	Kishangarh	Ahmedabad	Ghodawat
				Spicejet Limited
			Hyderabad	Spicejet Limited
			Indore	Ghodawat
			Jaisalmer	Zoom Air
			Jodhpur	Zoom Air
			Lucknow	Zoom Air
			Surat	Ghodawat
			Udaipur	Zoom Air
Tamil Nadu	Served	Chennai	Durgapur	Spicejet Limited

State	Status 3	Airport (D)	Airport (A)	Bidder
	Under served	Tanjore	Bangalore	Spicejet Limited
Telangana	Served	Hyderabad	Belgaum	Indigo Spicejet Limited Trujet
			Gwalior	Spicejet Limited
			Jagdalpur	Alliance Air Turbo Aviation
			Jamnagar	Ghodawat
			Jharsuguda	Spicejet Limited
			Kishangarh	Spicejet Limited
			Mysore	Alliance Air Indigo
			Nagarjuna Sagar	Turbo Aviation
	Unserved	Nagarjuna Sagar	Hyderabad	Turbo Aviation
			Vijaywada	Turbo Aviation
Tripura	Served	Agartala	Aizawl	Indigo
Uttar Pradesh	Served	Hindan	Awantipur	Zoom Air
			Faizabad	Turbo Aviation
			Jamnagar	Ghodawat
			Kalaburgi (Gulbarga)	Ghodawat
			Shimla	Heritage Aviation

State	Status	Airport (D)	Airport (A)	Bidder
		Kanpur (Chakeri)	Pantnagar	Spicejet Limited
		Lucknow	Agra	Indigo
				Turbo Aviation
				Zoom Air
			Ambala	Zoom Air
			Kasia	Turbo Aviation
			Kishangarh	Zoom Air
			Pantnagar	Heritage Aviation
			Saharanpur (Sarsawa)	Turbo Aviation
		Varanasi	Agra	Indigo
			Bhubaneswar	Alliance Air
				Indigo
			Patna	Spicejet Limited
	Unserved	Faizabad	Hindan	Turbo Aviation
		Ghazipur	Delhi	Spicejet Limited
			Kolkata	Spicejet Limited
		Kasia	Gaya	Turbo Aviation
			Lucknow	Turbo Aviation
		Saharanpur (Sarsawa)	Lucknow	Turbo Aviation
	Under served	Agra	Bangalore	Indigo
			Bhopal	Indigo

State	Status	3	Airport (D)	Airport (A)	Bidder
Uttarakhand	Under served	Pantnagar	Chandigarh		Zoom Air
				Delhi	Spicejet Limited
					Zoom Air
				Indore	Zoom Air
				Jaisalmer	Zoom Air
				Lucknow	Indigo
					Turbo Aviation
					Zoom Air
				Mumbai	Jet Airways Pvt. Ltd.
				Varanasi	Indigo
West Bengal	Served	Kolkata	Amritsar		Heritage Aviation
				Kanpur (Chakeri)	Spicejet Limited
				Lucknow	Heritage Aviation
				Gwalior	Indigo
					Spicejet Limited
				Hashimara	Zoom Air
				Jharsuguda	Alliance Air
					Spicejet Limited
				Shillong	Indigo
					Zoom Air
	Unserved		Hashimara	Kolkata	Zoom Air
			Kalaikunda	Bhubaneshwar	Alliance Air

State	Status	3	Airport (D)	Airport (A)	Bidder
				Vishakhapatnam	Alliance Air
	Under served		Durgapur	Chennai	Spicejet Limited
				Mumbai	Spicejet Limited

Statement-II

16 routes awarded under UDAN-3, out of cancelled routes of UDAN-I

Sl. No.	Routes
1.	Delhi To Agra
2.	Agra To Delhi
3.	Mumbai To Kolhapur
4.	Kolhapur To Mumbai
5.	Mumbai To Jalgaon
6.	Jalgaon To Mumbai
7.	Bhubaneswar To Jharsuguda
8.	Jharsuguda To Bhubaneswar
9.	Bhubaneswar To Rourkela
10.	Rourkela To Bhubaneswar
11.	Raipur To Jharsuguda
12.	Jharsuguda To Raipur
13.	Raipur To Jagdalpur
14.	Jagdalpur To Vishakhapatnam
15.	Vishakhapatnam To Jagdalpur
16.	Jagdalpur To Raipur

Monitoring of block timings

1104. SHRI A. K. SELVARAJ: Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether it is a fact that the Airports Authority of India (AAI) will conduct any year long study to examine early arrivals at the Delhi, Mumbai and Bengaluru airports in order to devise ways to improve operational efficiencies;