



Take your
surveillance
operations to the
next level with
Johnnette-JR5

More reliability with
increased affordability

***Our Johnnette JR – 5
model has been
exempted for
conducting RPAS
training by MoCA***



Exemption letter from DGCA

GOVERNMENT OF INDIA
OFFICE OF THE
DIRECTOR GENERAL OF CIVIL
AVIATION
OPP.SAFDARJUNG AIRPORT,
NEW DELHI - 110003
Aircraft Engineering Directorate



भारत सरकार
महानिदेशक नागर विमानन
का कार्यालय
सफ़दरजंग एरपोर्ट के सामने
नई दिल्ली - ११० ००३
विमान अभियांत्रिकी निदेशालय

Reference No./संख्या: DGCA-27046/16/2020-AED-DGCA
Dated/दिनांक: 14th August, 2020

Telephone/दूरभाष: 011-24611504
E-mail/ई-मेल: rajasekar.dgca@nic.in

Accountable manager
Pioneer Flying Academy Pvt. Ltd.
B-126, Yashwant Place,
Chankyapuri,
New Delhi-110021.

(Kind attention: Ms Saroj Joshi, Accountable manager)

Subject: Permission for conducting remote pilot training at Pioneer Flying Academy Pvt. Ltd. using Remotely Piloted Aircraft Systems-Regd.

Sir/Madam,

This has reference to letter No. PFAP/DGCA/OPS/2020-08 dated 18th July 2020 and e-mail dated 14th August, 2020 regarding permission for conducting pilot training at Pioneer Flying Academy Pvt. Ltd., Aligarh using Remotely Piloted Aircraft Systems.

Based on the information provided and undertaking, this office hereby accords exemption from CAR Section 3, Series X, Part I, Pioneer Flying Academy Pvt. Ltd., Aligarh for conducting remote pilot training using Remotely Piloted Aircraft Systems. The above stated exemption shall be valid for a period of 1 year from the date of issue of this letter or until the operationalization of Digital Sky Platform, whichever is earlier.

However, this exemption shall be valid only if all conditions and limitations as stated in Annexure 1 to this letter are strictly adhered to. In case of violation of any condition, this exemption shall become null and void.

Encl.: As stated

(G. Rajasekar)
Joint Director General of Civil Aviation
for Director General of Civil Aviation

Conditions and limitations to Pioneer Flying Academy Pvt. Ltd., Aligarh for conducting remote pilot training at Pioneer Flying Academy Pvt. Ltd., Aligarh using Remotely Piloted Aircraft Systems

1. This exemption to Pioneer Flying Academy Pvt. Ltd., Aligarh from the relevant provisions of CAR Section 3, Series X, Part I, is subject to exemption from Rule 15A of the Aircraft Rules, 1937 by Ministry of Civil Aviation.
2. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall obtain necessary clearances from (a) Local Administration (b) Ministry of Defence (c) Ministry of Home Affairs (d) Air Defence clearance from Indian Air Force and (e) Airport Authority of India (AAI) prior to operation of Remotely Piloted Aircraft System (RPAS).
3. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall only operate the RPAS which has been voluntarily disclosed to Government of India and issued with a valid Drone Acknowledgement Number (DAN) (i.e. D1DA00U31 for JR-5 model)
4. Pioneer Flying Academy Pvt. Ltd., Aligarh shall submit the TPM (Training Procedure Manual) for approval to Directorate of Flying Training, DGCA, prior to the actual operations.
5. Pioneer Flying Academy Pvt. Ltd., Aligarh shall take necessary permission regarding Aerial Photography, if applicable, from Directorate of Regulations & Information, DGCA.
6. The photographs/video-graphs, if taken through RPAS shall be used by The Pioneer Flying Academy Pvt. Ltd., Aligarh only. Pioneer Flying Academy Pvt. Ltd., Aligarh shall be responsible for security of RPAS and data collected through RPAS.
7. The operation of RPAS shall be restricted to day operations (from sunrise to Sunset), within Visual Line Of Sight (VLOS).
8. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall indemnify DGCA from any legal cases or any other issues arising due to these operations.
9. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall ensure that the RPAS is in working condition and shall be responsible for any eventualities due to malfunction / disorientation of equipment.
10. In case of any injury to any person due to physical contact with the equipment, Pioneer Flying Academy Pvt. Ltd., Aligarh shall be responsible for medico-legal issues.
11. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall have adequate level of insurance to cover any damage to third party resulting from accident / incident occurred during the operation of RPAS.
12. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall ensure that hazardous material or variable payload are not carried in / using the RPA under any circumstances.
13. Pioneer Flying Academy Pvt. Ltd., Aligarh shall ensure safety, security and privacy of public, property, operator etc. Further, in case of any eventuality, DGCA shall not be held responsible.
14. Pioneer Flying Academy Pvt. Ltd., Aligarh shall not operate the RPAS in no-fly zones specified in Para 13.1 of the CAR Section 3, Series X, Part I without the approval of concerned Ministries/ authorities.
15. RPAS shall not be operated in the vicinity of airport as per the provisions of the CAR. If operated near the airport, approval from Airports Authority of India (AAI) shall be taken in advance regarding time and area of operations of RPAS.
16. The Pioneer Flying Academy Pvt. Ltd., Aligarh shall ensure that only trained / experienced bona fide personnel operates the RPAS.
17. This letter shall not override other restrictions / SOP on Remotely Piloted Aircraft System framed by other Government Agencies.
18. In case of incident/accident during at any phase of the operations, reports to be submitted to Air Safety Directorate of DGCA.

14.8.2020.

Why Johnnette-JR5?

Johnnette-JR5's dynamic system provides replaceable payload options, rapid payload integration and a unique, purpose-built propulsion automation to optimize performance. Additionally, the aircraft's architecture maximizes commonality with all Johnnette unmanned systems, saving you money on lifecycle costs and training.

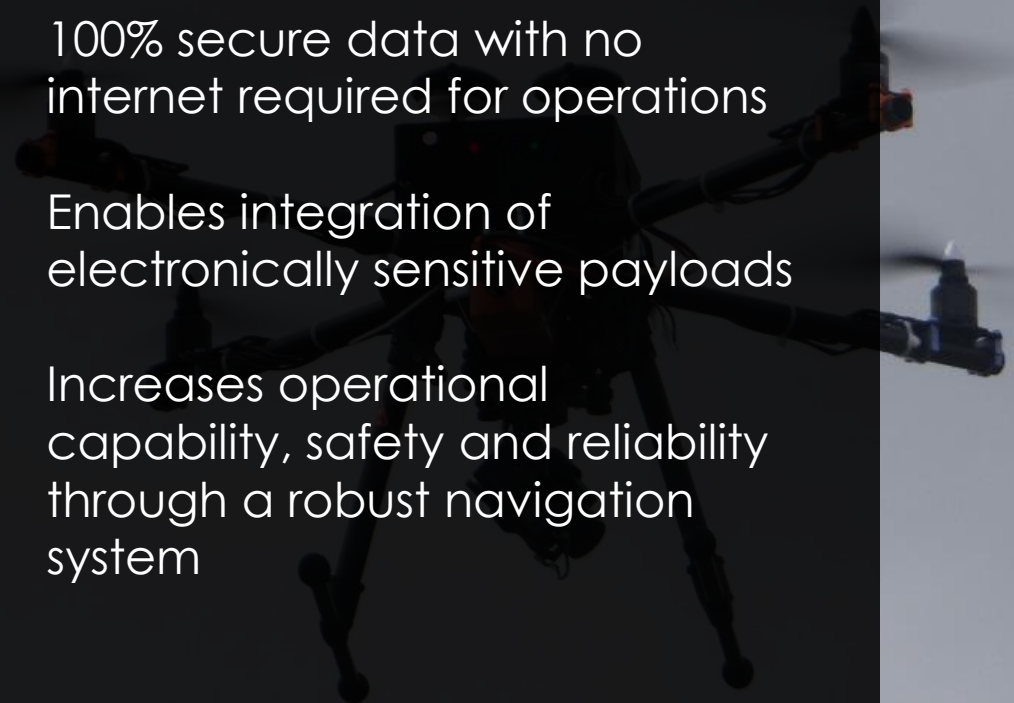
Common with Johnnette's family of Unmanned Systems

State-of-the-art, modular propulsion system powered by autonomous intelligence

100% secure data with no internet required for operations

Enables integration of electronically sensitive payloads

Increases operational capability, safety and reliability through a robust navigation system





FEATURES

Highly Stable

Pin Point Hovering

Quick Turnaround

Easy to Operate

100m Altitude Max
Height (AGL)

Up to 30 min. Endurance

No Internet required for
Operations

Johnnette-JR5 Specification

STRUCTURE	PERFORMANCE	FEATURES	REMOTE CONTROLLER	BATTERY
Aircraft Dimensions 850mm x 850mm x 325mm Aircraft Weight 3 Kg Max Payload Weight 200 grams Propeller Carbon Fiber Frame Carbon Fiber	Max Flight Altitude (AGL) 30m (Geofenced), 100m (Max.) Max Speed 10 Kmph (No wind) Hovering Time Upto 30 min Range 100m (Geofenced), 300m (Max.)	GPS Receiver M8N,Ublox Receiver FS-iA6 (6Channel) Communication Radio Failsafe Battery Failsafe, Radio Failsafe	Operating Frequency 2.4 GHz Max Transmission Distance 100 m (LOS) Operating Temperature 14° to 104° F (-10° to 40° C)	Capacity 10000 mah Voltage 22.2V Type 6S Max Continuous Discharge 25C Operating Temperature 14° to 104° F (-10° to 40° C) Charge Temperature 41° to 104° F (5° to 40° C) Discharge Rate 25C Max Charging Rate 1C

Cost: INR 2.4 lakhs + 5% GST



Our Customers

Leading companies and organizations use our platforms to make key decisions to reach their goals. Our clientele also includes defense and paramilitary.



Greenko[®]





Who we are

Johnnette-JR5 is a by product of Johnnette Technologies Pvt Ltd headquartered in Delhi NCR in India. Johnnette has been in the business of Drones & Robots since 2014 and then we expanded our portfolios to Artificial Intelligence and Big Data business markets in 2020. There is a huge need to become a self reliant defense to sustain any critical emergency for India. We launched all our products with a vision and mission to provide maximum indigenization in all our platforms at peak performance.

With each additional feature for Johnnette-JR5, we've expanded and improved our platform. Our platforms match to the international performance standards at most affordable price. Take advantage and contact us now.

Johnnette Technologies Pvt Ltd
+91 9999835948
jl@johnnette.in
www.johnnetteworld.com

Delhi NCR | Chennai | Dubai



Lt Cdr John Livingstone
Founder CEO & Product Architect
Johnnette Technologies
(Ex Navy UAV Pilot)