



# UNMANNED AIRCRAFT TRAINING ORGANIZATION (UTO)

## WHAT WE DO

Drone Space Training provides Kenya's highest quality drone training with a simple yet comprehensive model for film makers, corporate client, government agencies, public safety departments, and individuals.

### RPL COURSE



The RPL course is designed for individuals who are interested in starting a career as a drone pilot or for unlicensed drone pilots who want to fly legally.

#### The course covers the following subjects:

- Air Law/ CAA (UAS) Regulations 2020
- Operating Procedures and Specifications
- UAS General Knowledge
- UAS Theory of Flight
- Meteorology
- Navigation
- Human Factors
- Radio Telephony (Offered Separately)

### INSTRUCTOR RATING



The Instructor Rating course is designed for individuals who already hold an RPL and are interested in becoming certified drone instructors. This course is ideal for RPL holders who have a passion for teaching and want to share their knowledge and experience with others.

#### Course shcedule overview:

- Train the Trainer (1 Day)
- RPL Instructor Ground School (2 Days)
- Practical Briefing & Patter Training (7 Days)

### RADIOTELEPHONY



The Radio Telephony License course, offered in partnership with the Nairobi Flight Academy, is designed for Remote Pilot License (RPL) holders seeking to operate drones in controlled airspace and conduct Beyond Visual Line of Sight (BVLOS) operations. This comprehensive training equips participants with the necessary skills in radio telephony procedures and communication protocols.

#### The course covers the following subjects:

- General Phraseology
- Aerodrome Control
- Approach Control
- Flight Information Service
- Weather
- Communication Failure
- Distress and Urgency
- VHF Propagation
- Flight Scenario

### THERMOGRAPHY (ITC - LEVEL I)



The Level I Thermography Certification course is designed for professionals who want to develop practical skills in using thermography for inspections and diagnostics. This course is suitable for individuals working in industries such as electrical, mechanical, and building inspections, as well as professionals involved in research and development.

#### The course covers the following subjects:

- Introduction to Thermography
- Heat & Temperature
- Infrared Theory Basics
- Measurement Techniques
- Basic Heat transfer theory
- Camera Measurement tools
- Camera/Software familiarization
- ITC Certification Test





## DRONE MAPPING & SURVEY

The Drone Mapping and Survey course is a 5-day course designed for RPL holders who want to learn how to use drones for mapping and surveying purposes. This course is suitable for engineers, surveyors, environmental scientists, among others. It is also ideal for individuals interested in starting a drone mapping and surveying business.

### The course covers the following subjects:

- Introduction - Mapping drones and payloads
- Mission planning software & Flight planning
- GCPs Pre-marking & GNSS Survey
- Aerial LiDAR Mapping
- Mission Planning with DJI Pilot & Drone Deploy
- Data collection using Zenmuse LI
- Data Processing & Analysis
- Workflow Review and Project Accuracy Verification
- Practical session using a DJI Matrice 300



## BVLOS

Drone Space Kenya's Beyond Visual Line of Sight (BVLOS) Training Program is designed for certified Remote Pilots seeking to safely and effectively operate drones beyond visual range. The program complies with the KCAA Civil Aviation (Unmanned Aircraft Systems) Regulations, 2020 and prepares pilots for high-risk, complex BVLOS missions across diverse sectors.

### The course covers the following:

- Theoretical Training
- Practical Flight Training
- Structured Risk Assessment
- Operational Planning



## AGRICULTURAL SPRAYING

Drone Space Kenya offers a comprehensive 8-day Agricultural Spraying Course combining 3 days of theory and 5 days of practical training. The course equips participants with the skills to operate agricultural drones safely and effectively for precision spraying.

### The course covers the following subjects:

- Introduction to agricultural drones
- Basics of agronomy and agrochemical application
- Aerial spraying science (droplet size, drift control)
- Drone systems, regulations & mission planning
- Drone setup, calibration, & live spraying simulations
- Battery, chemical handling, and drone maintenance
- Field troubleshooting and data collection



RPL Component	Duration	Fee
Application Fee	n/a	Kshs. 10, 000
RPL Theory (Exam Included)	5 Days	Kshs. 65, 000
RPL Practical	5 Days	Kshs. 75, 000
DFE Skills Test	2 Hours	Kshs. 10, 000
Aviation Medical (Class III)	1 Hour	Kshs. 10, 000
	Total:	<del>Kshs. 170, 000</del>
	Discounted Total:	<b>Kshs. 136, 000</b>
Course	Duration	Fee
Instructor Rating	14 - 21 Days	Kshs. 250, 000
Radio Telephony	5 Days	Kshs. 35, 000
Agricultural Spraying	10 Days	Kshs. 70, 000
BVLOS	10 Days	Kshs. 350, 000
Mapping & Survey	5 Days	Kshs. 110, 000
Thermography (ITC Level I)	5 Days	Kshs. 200, 000

### KCAA Approved Doctors:

**Dr. Wanjohi:** (tel) - 0722 833 492, (email) - wambakiwanjohi@gmail.com

**Dr. Phenny:** (tel) - 0722 302 086, (email) - kphenny123@gmail.com

**Location:** Sky Clinical Services, Muyoga Shopping Center - South C, Nairobi

### Email:

info@dronespace.co.ke

### Website:

dronespace.co.ke

### Phone:

+254 713 028-115

### Address:

**Theory Classes:** 6th Floor Prosperity House, Westlands Road - Nairobi, Kenya

**Practical Airfield:** Sigona, Kiambu County