

CUSTOMER ENQUIRY FORM

CUSTOMER DETAILS		DATE
CUSTOMER NAME		
ORGANISATION		JOB NUMBER
CONTACT NUMBER		
		DATE REQUIRED
EMAIL		CLIENT VISIT REQUESTED
		YES / NO

DESCRIPTION OF WORK REQUIRED	
SPECIFICATIONS	
Type/ Model of UAS to be used:	<u>Videography:</u> Format: Output: <input type="checkbox"/> Video <input type="checkbox"/> Photo
<u>Mapping</u> No. of Ha to be covered: Resolution: Flight height: Overlap: Sidelap: No. GCPs to be placed:	<u>Spraying:</u> No. of Ha to be covered: Dosage: Flight height and Speed:

PRE SITE SURVEY

JOB NUMBER	DATE	OPERATING SITE LOCATION	
		OPERATING SITE NAME:	
		SITE LATITUDE:	
		SITE LONGITUDE:	
		ALTITUDE AMSL:	ft AMSL
		DATE WORK REQUIRED:	
		IS THERE VEHICULAR ACCESS:	YES NO
		WORK REQUIRED:	

FLIGHT TEAM COMPOSITION	
PILOT IN COMMAND:	
OBSERVER:	
UAV REGISTRATION:	

ITEM	ACTION TO COMPLETE	FINDINGS
AIRSPACE	Airspace Class? (A,C,D,E,F,G) - ATC Permission Required?	
TERRAIN	What is the Terrain? (Flat, Mountainous, Boggy)	
PROXIMITIES	Other Aircraft (Aerodromes, Heli Pads, Model Sites)	
HAZARDS	Live Firing, High Intensity Radio Transmissions, Gas Venting	
RESTRICTIONS	Nuclear Power Stations, Prisons, High Intensity Radio	
SENSITIVITIES	Nature Reserves, Recreational Areas, Bye Laws	
PEOPLE	Local Habitation (Do we need to Letter Drop?)	
LIVESTOCK	Local Farms	
PERMISSION	Local Authority, Land Owner, Military Space	
ACCESS	Public Right of Way, Gates & Roads	
CORDON	Is a Cordon Required? (Do we need extra staff?)	
FOOTPATHS	Public Footpaths, Bridal Paths	
ALTERNATE	Alternative Operational / Take Off Sites	
RISK MITIGATION	Can the job be done at another time to avoid School times etc	
WEATHER	24 hour forecast	
NOTAMS	Any Notice to Airmen that may affect operations	

COMPLETED PRE-NOTIFICATION	If Notified, Record Date, Time & Contact Name
LOCAL AIR TRAFFIC CONTROL:	
MILITARY CONTROL:	
NOTICE TO AIRMEN:	

RISK ASSESSMENT FORM

FLIGHT TEAM:	PILOT-IN-COMMAND:	OBSERVER:							
	PAYLOAD OPERATOR:	AIRCRAFT:							
1 – HAZARD <small>(Something with the potential to cause harm, how will it be realised and what is the potential injury?)</small>	2 - AT RISK	3 - EXISTING CONTROL MEASURES	RISK			7 - FURTHER CONTROL MEASURES	RISK		
			4 SEVERITY	5 PROBABILITY	6 RISK		8 SEVERITY	9 PROBABILITY	10 RISK
FURTHER ACTIONS (Further control measures which could be implemented at the planning stage to improve safety)									
ADDITIONAL COMMENTS (Actions identified by personnel on site, to make the operation safer)									
AUTHORIZED BY THE ACCOUNTABLE MANAGER	Name (Print):				SIGNED:				

AT RISK (Column 2)	SEVERITY (Column 4 and 8)		PROBABILITY (Column 5 and 9)		RISK RATING (Columns 6 and 10)		
E - Employees	1	NO INJURY, PROPERTY DAMAGE	1	EXTREMELY UNLIKELY	Severity X Probability - 1 to 5	MIN	Y - Acceptable Risk
C - Client	2	MINOR INJURY	2	REMOTE POSSIBILITY	Severity X Probability - 5 TO 10	LOW	Y - Acceptable Risk
V - Visitors	3	REPORTABLE INJURY	3	WILL POSSIBLY OCCUR	Severity X Probability - 12 TO 15	MED	? - Needs further consideration
P - Public	4	MAJOR INJURY OR FATALITIES	4	WILL PROBABLY OCCUR	Severity X Probability - 16 TO 20	HIGH	N - Unacceptable Risk
A - All			5	ALMOST CERTAIN			

ON SITE SURVEY

PILOT:
OBSERVER:

DATE

WIND SPEED
m/s

TEMP
*C

DIRECTION

ITEM	ACTION TO COMPLETE	FINDINGS
OBSTRUCTIONS	Masts, Power Lines, Buildings, Train Tracks, Trees, Lakes, Rivers, Canals or Industrial Hazards	
VISUAL LIMITATIONS	Anything that May Impair Vision? (Up to 5KM)	
CORDON	Is a Cordon Required? (Do we need extra staff?)	
LIVESTOCK	Any Animals or Wildlife Present Nearby?	
TERRAIN	Flat Surface, Rough, Sloped, Wet, Trees?	
PERMISSION	Do We Have the Land Owners Permission?	Signature:
PUBLIC	Public Right of Way, Footpaths, Gates	
AIR TRAFFIC	Do We Need & or Have Clearance?	
COMMUNICATION	Are Two Way Radios Required?	
PROXIMITY	Are We Far Enough Away from Buildings?	
TAKE OFF AREA	Where is the Safest Convenient Position?	
LANDING AREA	Where is the Safest Convenient Position?	
OPERATIONAL ZONE	Are there Any Hazards or Obstructions?	
EMERGENCY AREA	Where is the Safest Convenient Position?	

CONTACT NAME AND TELEPHONE NUMBERS
PILOT:
OBSERVER:
CLIENT:
LOCAL POLICE:
LOCAL HOSPITAL:
LOCAL AIR TRAFFIC CONTROL:

NOTES:

PRE FLIGHT CHECKLIST


	<i>Note: You must perform a general inspection before every flight</i>	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Flight 6	Flight 7	Flight 8	Flight 9	Flight 10
G e n e r a l i n s p e c t i o n	Check the foam central body and wings for cracks or other damage.										
	Verify that the pitot probe is properly attached to the airframe and that the holes in the probe are free of obstructions.										
	Verify that the ground sensor is free of obstructions and that the sensor's lens is clean.										
	Verify that the wing struts are not split or damaged in any way.										
	Verify that the tubes within the Central Body that hold the wing struts are not cracked or damaged.										
	Verify that the power cables within the battery compartment are well insulated and not damaged.										
	Verify that the camera's lens is clean.										
	Ensure that rubber bands do not show cracks or any other sign of aging.										
	Place the camera bay insert provided into the drone's camera bay.										
	Plug the camera connector into the connector.										
	Ensure that the ailerons are properly aligned with the servo connection mechanism before pushing the wings fully into the central body.										
Insert wings into the drone - Verify well fitted											
S y s t e m	PC powered – on										
	Antenna USB- Connect										
	E-motion 3 – Start										
	Aircraft power - Connect batteries										
	Aircraft – Verify active tones										
	eBee Plus ailerons up and down and the status										

	LED turn solid green to indicate it is ready.											
	E-motion 3 - Go to Mission, select drone and camera											
	Connect drone- Press											
	Working area in emotion - Verify correct											
	Set home way point – Adjust and verify correct											
	Check transition path – Adjust and verify correct											
	Set landing point (+alternative landing points if need depending on wind changes)											
	Check correct Mission block (flight plan) – Assign											
	Define RTK source if needed											
	Camera- Remove cover											
	Verify battery voltage											
	Check data link signal											
	Check RTK – Fixed											
A r e a	Winds- Check direction and velocity											
	Sun – Verify visibility and vision impacts during take-off and landing											
	Takeoff Flight Area- Clear											
	Position Aircraft- Nose pointed into wind											
T a k e - o f f	-Start motor - Shake the drone 3 times towards the front											
	Elevons – Checks the right and the left elevens movements											
	Takeoff - Point drone up into wind 45 degrees launch the drone											

POST FLIGHT CHECKLIST

	Flight 1	Flight 2	Flight 3	Flight 4	Flight 5	Flight 6	Flight 7	Flight 8	Flight 9	Flight 10
Drone battery – Disconnect										
E-motion – Disconnect drone										
Check drone condition										
Check motor condition										
Check camera Condition										
<i>If it's the last flight of the day or Changing location</i>										
Wings - Remove from drone										
Antenna – Disconnect from PC										
Put the drone and the antenna properly in the box										
Safely put the batteries in the box										
Backup data and perform post-flight processing in e-motion										

INCIDENT LOGBOOK

 Rwanda Civil Aviation Authority	RCAA-Form-UAS004
	UAS ACCIDENT AND INCIDENT REPORTING FORM (For initial report of UA Accident or Incident)

1. Report Number (Office Use)		2. Date and Time :		3. Name of Reporting Party:			
4. Telephone:			5. Address:				
6. Phase of Operation :			7. Location of Accident:				
8. UA Reg. Number:			9. Make / Model:				
10. Remote Pilot:			11. Telephone:				
12. UA Damage:			13. Any person/ property affected on ground:				
Destroyed	Major	Minor	Other	Fatal	Major	Minor	Nil
14. UA fire? Yes / No			15. Is wreckage secure? Yes / No				
16. Description of Accident or Incident:							

17. Witnesses? Yes / No (If Yes, provide contact details of each witness).	Names:	Contact details
18. Submitted by:	This report shall be submitted direct to Flight Safety Services (FSS) Office or ATC by quickest means but no later than 24hours.	

