DGCA
MICRO CATEGORY DRONE
TYPE CERTIFIED

RFLY®
INNOVATIONS

RFLY- MICRO
Flight & Charging Logbook

A TRENTAR COMPANY

Table of Contents

UAS:	RFLY- MICRO		Pilot:	
UIN:			Co-Pilot:	
Date:			Location:	
Job #:			Weather:	

UAS FIELD CHECKLIST

#	Pre Flight- Checklist	Acceptable Condition	☑
1	Airspace	Unrestricted or Flight Authorized Airspace	
2	Wind Speed Check	Record windspeed using Anemometer before flight	
3	Airframe Check	No structural defects visible	
4	RTK Antenna	Ensure proper mounting of RTK Antenna (Use Rubber washer)	
5	RF Antenna	Ensure proper mounting of RF Antenna (Use Rubber washer)	
6	Propeller Integrity Check	Propellers must be free from cracks or damages	
7	Propeller mounting check	Propeller screws/ mount not loose and rust free	
8	Propeller Rotation Check	Ensure CW and CCW propellers mounted properly	
9	Battery Voltage Check	Check Battery Voltage using LiPo checker/Multimeter	
10	Battery mounting status	Ensure Battery is mounted and secured	
11	Payload mounting Check	Check Payload is mounted, and connections are secure.	
12	Payload SD Card check	Check SD Card with sufficient storage is available in payload	
13	Remote Controller Power ON	Switch ON Transmitter	
14	UAS Power ON	UAS powering ON after Transmitter	
15	Remote Controller Battery %	Sufficient for planned flight, not less than 80%	
16	GCS App connectivity check	GCS software connected to UAS	
17	Flight Battery Percentage	Battery percentage as shown in GCS	
18	GNSS Signal check	Check GNSS signal strength is good for flying	
19	Satellite Count Check	Check if satellite count is good for Take-off.	
20	UAS Status Check	All systems in normal condition	
21	Compass Calibration	Compass calibration for current location	
22	Safe Clearance for Take off	Clear for 10m radius, no overhead obstructions	
23	Wind Direction Check	Identify wind direction. Face UAS in its direction	

#			☑
24	Flight Mode Switch check	Check flight mode switch (Position, Mission, RTL)	
25	Geo-Fence Check	Apply or Remove Geo-Fence as required	
26	RTH Altitude Check	RTH altitude set as per mission plan and area	
27	Battery Failsafe check	Check Battery failsafe level set to RTL	
28	C2 Failsafe Check	Check Communication Loss is set to RTL	
29	Terrain Follow Check	Check if Terrain follows function is turned ON (if required)	
30	Mission upload check	Check proper mission is uploaded in the UAS	
31	Payload Powerup	Payload Initialization and feed visible in GCS	
32	Payload SD card capacity	Ensure SD card capacity is enough for the mission	
33	Payload control check	Check Payload functionalities after take-off.	
34	AHRS Check	HUD response check	
35	Arming sequence Check	Check motors arming in sequence	
#	**Take-Off Checklist**	**Acceptable Condition**	☑
36	Vibration Check	No Visible shakes or abnormal vibrations	
37	Home Point	Home point updated during arming	
38	Hover Check	Flight control response normal in hover mode	
39	Payload control check	Check Payload functionalities after take-off.	
#	**Post Flight Checklist**	**Acceptable Condition**	☑
40	Mission Complete	Check Mission complete status	
41	Landing Location	Clear for 10m radius, no overhead obstructions	
42	UAS Power OFF	Turn OFF UAS	
43	Transmitter Power OFF	Turn OFF Transmitter	
44	Packaging	Pack the UAS and accessories in their carry cases	
45	Co-Pilot Signature	Final Sign-Off after every flight	

Remarks/ Comments	
Signature – Co-Pilot	Signature – Pilot

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		1
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed		Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours				Total Flight Hours (Page total + Carry Forward)		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		2
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed		Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours				Total Flight Hours (Page total + Carry Forward)		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID			Serial No.:		3
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed	Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours			Total Flight Hours (Page total + Carry Forward)		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		4
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed		Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours				Total Flight Hours (Page total + Carry Forward)		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		5
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed		Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours				Total Flight Hours (Page total + Carry Forward)		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		6
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed		Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours				Total Flight Hours (Page total + Carry Forward)		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID		Serial No.:		7
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed	Remarks	Signature
Cumulative Landings			Page Total Hours			Carry forward Hours			Total Flight Hours (Page total + Carry Forward)	

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID		Serial No.:		8
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed	Remarks	Signature
Cumulative Landings		Page Total Hours		Carry forward Hours			Total Flight Hours (Page total + Carry Forward)			

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		9
No.	**Date**	**Pilot Name**	**Location**	**Job Description**	**Checklist**	**Start Time**	**End Time**	**Weather & Wind speed**		**Remarks**		**Signature**
Cumulative Landings			**Page Total Hours**		**Carry forward Hours**					**Total Flight Hours (Page total + Carry Forward)**		

Flight Logs

UIN			Model	RFLY- MICRO		Customer ID				Serial No.:		10
No.	Date	Pilot Name	Location	Job Description	Checklist	Start Time	End Time	Weather & Wind speed		Remarks		Signature
Cumulative Landings			Page Total Hours			Carry forward Hours				Total Flight Hours (Page total + Carry Forward)		

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 1
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 2
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 3
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 4
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 5
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 6
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 7
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 8
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 9
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

Battery Charging Logs

UIN			Model	RFLY- MICRO	Customer ID		Serial No. : 10
No.	Date	Battery Number	Start Voltage	End Voltage	Person incharge	Remarks	Signature

The information contained in this manual is provided to ensure proper use and maintenance of the RFLY-AGRI XL10. RFLY Innovations Pvt. Ltd. assumes no responsibility for errors or omissions and reserves the right to make changes to the product and manual without notice.

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