



RFLY[®]
INNOVATIONS



RFLY-AGRI XL10

Flight & Charging Logbook

A **TRENTIK** COMPANY

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Drone Field Checklist

Drone:	RFLY AGRI XL-10	<h2 style="margin: 0;">DRONE FIELD CHECKLIST</h2>	Pilot:	
UIN:			Co-Pilot:	
DATE:			Location:	
Job No.:			Weather:	

#	PRE- FLIGHT CHECKLIST	ACCEPTABLE CONDITION	<input checked="" type="checkbox"/>
1	Airspace	Unrestricted or Flight Authorized Airspace	
2	Airframe Check	No structural defects visible	
3	Motor Arm Lock check	Butterfly lock fitting and locked properly	
4	Propeller Integrity Check	Propellers must be free from cracks or damages	
5	Propeller mounting check	Propeller screws not loose and rust free	
6	Remote Controller Power ON	Turning ON the UAS Controller	
7	Drone Power ON	Drone powering ON after battery connection	
8	Remote Controller Battery %	Sufficient for planned flight, not less than 80%	
9	Flight Battery	Sufficient for planned flight i.e., 50.4V	
10	GCS App connectivity check	GCS software connected to Drone	
11	UAS Status Check	Flight status includes all systems in normal condition	
12	RC Stick Mode check	Controller stick mode set to Mode 2	
13	Compass Calibration	Compass calibration for current location	
14	Safe Clearance for Take off	Clear for 10m radius, no overhead obstructions	
15	Wind Direction Check	Identify wind direction to keep drone front in the same.	
16	Flight Mode Check	Check flight mode switch (Position, Mission, RTL)	
17	Geo-Fence Check	Apply or Remove Geo-Fence if required	
18	RTH Altitude Check	RTH altitude set as per mission plan and area	

19	Battery Failsafe check	Check Battery failsafe level set to RTL	
20	C2 Failsafe Check	Check Communication Loss is set to RTL	
21	Mission upload check	Check proper mission is uploaded in the UAS	
22	Tank Fill Check	Filled up to level before every flight.	
23	Tank Lid Check	Check tank lid is inserted after filling	
24	Nozzle Integrity Check	Check nozzle for leak or loose nozzle screw.	
25	Strobe Light ON	Solid Green and Red light visible.	
#	TAKE-OFF CHECKLIST	ACCEPTABLE CONDITION	<input checked="" type="checkbox"/>
26	Vibration Check	No Visible shakes or abnormal vibrations	
27	Home Point	Home point updated during arming	
28	Hover Check	Flight control & maneuvers response normal	
29	Pump Spray Check	Turn ON sprayer to check proper functionality	
#	POST FLIGHT CHECKLIST	ACCEPTABLE CONDITION	<input checked="" type="checkbox"/>
30	Mission Complete	Check Mission complete status	
31	Landing Location	Clear for 10m radius, no overhead obstructions	
32	Tank Draining	Check and drain unused tank contents.	
33	UAS Power OFF	Turn OFF UAS	
34	Controller Power OFF	Turn OFF Controller	
35	Packaging	Pack the UAS and accessories in their carry cases	

Remarks/ Comments			
Signature – Co-Pilot		Signature – Pilot	

Flight Logs

UIN			Model	RFLY- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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- AGRI XL10	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)	



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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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