

Headwater Warnings and Errors

UNPACKING AND SETUP			ALARM INDICATION		
1	Airspace	VERIFY Available	1	Flight Mode	POS. or ALT.
2	Astro	REMOVE from Case	2	Astro	LAND as soon as possible
3	Legs	UNFOLD and LOCK	3	AMC	CHECK IN APP WARNINGS
4	Booms	UNFOLD and LOCK			
5	Prop-tectors	REMOVE			
6	Motors and Props	CHECK CONDITION, VERIFY TIGHT			
7	Payload	INSTALL, CONFIGURE			
8	All Logs Enabled	DRONE, CONTROLLER, TABLET			
PREFLIGHT			PILOT LOSS OF ORIENTATION		
1	Tablet	ON, VERIFY CHARGED, Android opened to home screen	1	Control Inputs	NEUTRALIZE
2		VERIFY WIFI OFF VERIFY CELLULAR DATA OFF	2	Flight Mode	POSITION
3	Controller	ON, VERIFY CHARGED	3	Yaw	NOSE AWAY
4	Aircraft Placement	AWAY from People and Obstacles	4	Roll	SMALL INPUT
5	Aircraft Orientation	FRONT IDENTIFIED	5		VERIFY DIRECTION
6	Propellers	SPIN FREELY			
7	Payload	SECURE			
8	Flight Batteries	VERIFY CHARGED			
9		INSTALL and ACTIVATE			
10	Orientation Lights	VERIFY DIM, SOLID COLORED			
11	AMC	VERIFY CONNECTED, NO WARNINGS			
12	Safety and RTL settings	VERIFY DEFINED AS REQUIRED			
13		RETURN ALTITUDE SET			
14		GEOFENCE			
15	COM_RC_OVERRIDE	SET TO 0			
16	COM_RC_IN_MODE	SET TO 2			
17	LTE	Has SIGNAL			
18	Kill switch	PUSHED ALL THE WAY UP			
19	Flight Mode	TEST Altitude, Manual, RTL			
20	Flight Mode	POSITION			
TAKEOFF			UNEXPECTED FLIGHT CONTROLLER BEHAVIOR		
1	Airspace	CLEAR	1	Control Inputs	NEUTRALIZE
2	Announce	"Takeoff"	2	Flight Mode	POSITION
3	Throttle	DOWN + RIGHT (Arm)	3	Astro	LAND as Soon As Possible
LOW BATTERY (Boom LEDs SLOW FLASH)			RADIO LOSS OF SIGNAL (LOS)		
1	Flight Mode	POSITION	1	Controller Battery	CHECK
2	Astro	MANEUVER away from people or objects	2	Controller Antenna	REPOSITION
3	Astro	LAND as soon as possible	3	Flight Mode	RTL
LOSS OF VIDEO SIGNAL			LANDING DETECTION FAILURE		
1	Flight Mode	POSITION	1	Flight Mode	POSITION or ALTITUDE
2	Visual Contact	VERIFY	2		LAND FIRMLY
3	Aircraft	Orient for Reception			
4	Flight Mode	Return			

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4	Motors	ALL SPIN	3	Flight Mode	MANUAL			
5	Orientation Lights	BRIGHT, CONSTANT	4		LAND FIRMLY			
6	Throttle	ADVANCE ABOVE CENTER	5	Throttle	DOWN + LEFT, 10 sec			
7	Astro	CLIMB	EMERGENCY STOP - MANUAL					
LANDING								
1	Landing Area	VERIFY CLEAR	1	Flight Mode	MANUAL			
2	Announce	"Landing"	2	Throttle	DOWN + LEFT, 10 sec			
3	Flight mode	POSITION	EMERGENCY STOP - AMC					
4	Astro	TOUCHDOWN	1	AMC App	Tap "Armed" (top center)			
5	Throttle	DOWN (Disarm)	2		HOLD to Confirm E-Stop			
6	Motors	ALL STOP						
7	Orientation Lights	VERIFY DIM, SOLID COLORED						
AFTER EVERY FLIGHT								
1	AMC	CHECK for Warnings						
2	Aircraft, Props, Motors, Batteries	INSPECT for Damage						
AFTER LAST FLIGHT								
1	Flight Batteries	REMOVE						
2	Propellers	FOLD IN						
3	Prop-tectors	INSTALL, Slide to Motor						
4	Booms	UNLOCK and FOLD						
5	Payload	REMOVE						
6	Legs	UNLOCK and FOLD						
7	Astro	INSERT in Case						
8	Controller and Tablet	POWER OFF						