

Headwater Warnings and Errors

UNPACKING AND SETUP

1	Airspace	VERIFY Available
2	Astro	REMOVE from Case
3	Legs	UNFOLD and LOCK
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

1	Tablet	ON, VERIFY CHARGED, Android opened to home screen
2		VERIFY WIFI OFF VERIFY CELLULAR DATA OFF
3	Controller	ON, VERIFY CHARGED
4	Aircraft Placement	AWAY from People and Obstacles
5	Aircraft Orientation	FRONT IDENTIFIED
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

1	Airspace	CLEAR
2	Announce	"Takeoff"
3	Throttle	DOWN + RIGHT (Arm)

ALARM INDICATION

1	Flight Mode	POS. or ALT.
2	Astro	LAND as soon as possible
3	AMC	CHECK IN APP WARNINGS

PILOT LOSS OF ORIENTATION

1	Control Inputs	NEUTRALIZE
2	Flight Mode	POSITION
3	Yaw	NOSE AWAY
4	Roll	SMALL INPUT
5		VERIFY DIRECTION

UNEXPECTED FLIGHT CONTROLLER BEHAVIOR

1	Control Inputs	NEUTRALIZE
2	Flight Mode	POSITION
3	Astro	LAND as Soon As Possible

LOW BATTERY (Boom LEDs SLOW FLASH)

1	Flight Mode	POSITION
2	Astro	MANEUVER away from people or objects
3	Astro	LAND as soon as possible

RADIO LOSS OF SIGNAL (LOS)

1	Controller Battery	CHECK
2	Controller Antenna	REPOSITION
3	Flight Mode	RTL

LOSS OF VIDEO SIGNAL

1	Flight Mode	POSITION
2	Visual Contact	VERIFY
3	Aircraft	Orient for Reception
4	Flight Mode	Return

LANDING DETECTION FAILURE

1	Flight Mode	POSITION or ALTITUDE
2		LAND FIRMLY

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4	Motors	All SPIN
5	Orientation Lights	BRIGHT, CONSTANT
6	Throttle	ADVANCE ABOVE CENTER
7	Astro	CLIMB

LANDING

1	Landing Area	VERIFY CLEAR
2	Announce	"Landing"
3	Flight mode	POSITION
4	Astro	TOUCHDOWN
5	Throttle	DOWN (Disarm)
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-ectors	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

3	Flight Mode	MANUAL
4		LAND FIRMLY
5	Throttle	DOWN + LEFT, 10 sec

EMERGENCY STOP - MANUAL

1	Flight Mode	MANUAL
2	Throttle	DOWN + LEFT, 10 sec

EMERGENCY STOP - AMC

1	AMC App	Tap "Armed" (top center)
2		HOLD to Confirm E-Stop
