

Before Leaving		On Return	
Alta X Gen2	Packed	Clean	Everything
Batteries	Charged, Packed	Batteries	Store or charge
Pilot Pro	Charged, Packed	Suite	Verify logs uploaded
Payload	Packed		
Computer (optional)	Charged, Packed		
Computer tripod (optional)	Packed		
RTK (optional)	Packed		
RTK cable (optional)	Packed		
RTK Tripod (optional)	Packed		
Setup		Tear Down	
Airspace	Verify available	Flight Batteries	Remove
Alta X Gen2	Remove from case	Propellers	Fold
Landing gear	Install and lock	Booms	Fold
Prop straps	Remove	Prop straps	Install
Booms	Unfold and lock	Payload	Remove
Motors and Props	Spin freely, No Play	USB stick	Remove
Payload	Install, configure	Landing gear	Remove and stow
USB stick	Install (optional)	Alta X Gen2	Insert into case
Pilot Pro	Open AMC	Suite	Annotate flights
Pilot Computer, optional	Open AMC		
	Connec to Pilot Pro		
	Connect RTK (optional)		

Preflight		Emergency Procedures	
Pilot Pro	Battery above 20%	Low Battery	
Pilot Computer	Battery above 20%	Aircraft	Land
Aircraft position	Away from obstacles	Loss of Orientation	
Payload	Secure	Control Inputs	Neutralize
Flight Batteries	Charge > 20%	Flight Mode	Position
	Install and activate	Yaw	Nose away
Aircraft	Stationary while booting	Roll	Small input
Orientation LEDs	Dim, Constant		Verify direction
AMC	Verify connected	Loss of GPS	
	No warnings	Flight Mode	Altitude
	Return altitude set	Yaw	Nose away
	Geofence (optional)	Orientation	Regain
Flight Mode	Return, Altitude	Unexpected Behavior	
Flight Mode	Position	Control Inputs	Neutralize
Aircraft	Verify orientation	Flight Mode	Position
Props	Verify clear	Aircraft	Land
Takeoff		Landing Detector Failure	
Throttle	Down + Right (Arm)	Flight Mode	Position or Altitude
Motors	All spin		Land firmly
Orientation LEDs	Bright, Constant	Flight Mode	Manual
Throttle	Advance above center		Land firmly
Alta X Gen2	Climb	Throttle	Down + Left, 10 sec
Landing		Loss of Video Signal	
Announce	"Landing"	Flight Mode	Position
Landing Area	Verify clear	Visual contact	Establish
Mode Switch	Position	Aircraft	Orient for reception
Alta X Gen2	Touchdown	Flight Mode	Return
Throttle	Down (Disarm)	RC Loss of Signal (LOS)	
Motors	All Stop	Pilot Pro	Check Battery
Orientation LEDs	Dim, Constant		Check Antennas
Post Flight		Flight Mode	Return
AMC	Check for warnings	Emergency Stop - Manual	
Aircraft, Props, Motors	Inspect for Damage	Kill Switch	Engage
Flight Batteries	Remove	Emergency Stop - AMC	
		AMC App	Tap "Armed" (top center) Hold to confirm E-Stop