

Before Leaving	
Astro	Packed
Batteries	Charged, Packed
Herelink	Charged, Packed
Payload	Packed
Computer (optional)	Charged, Packed
Computer tripod (optional)	Packed
RTK (optional)	Packed
RTK cable (optional)	Packed
RTK Tripod (optional)	Packed

On Return	
Clean	Everything
Batteries	Store or charge
Suite	Verify logs uploaded

Setup	
Airspace	Verify available
Astro	Remove from case
Booms	Unfold and lock
Prop-tectors	Remove
Motors and Props	Spin freely, No Play
Payload	Install, configure
Herelink	Open AMC
Pilot Computer, optional	Open AMC
	Connect to HereLink
	Connect RTK (optional)

Tear Down	
Flight Batteries	Remove
Propellers	Fold
Prop-tectors	Install, slide to motor
Booms	Fold
Payload	Remove
Astro	Insert into case
Suite	Annotate flights

Preflight	
Herelink	Battery above 20%
Pilot Computer	Battery above 20%
Aircraft position	Away from obstacles
Payload	Secure
Flight Batteries	Charge > 20%
	Install and activate
Aircraft	Stationary while booting
Orientation LEDs	Dim, Constant
AMC	Verify connected
	No warnings
	Return altitude set
	Geofence (optional)
Flight Mode	Return, Altitude
Flight Mode	Position
Aircraft	Verify orientation
Props	Verify clear
Takeoff	
Throttle	Down + Right (Arm)
Motors	All spin
Orientation LEDs	Bright, Constant
Throttle	Advance above center
Astro	Climb
Landing	
Announce	"Landing"
Landing Area	Verify clear
Mode Switch	Position
Astro	Touchdown
Throttle	Down (Disarm)
Motors	All Stop
Orientation LEDs	Dim, Constant
Post Flight	
AMC	Check for warnings
Aircraft, Props, Motors	Inspect for Damage
Flight Batteries	Remove

Emergency Procedures	
Low Battery	
Aircraft	Land
Loss of Orientation	
Control Inputs	Neutralize
Flight Mode	Position
Yaw	Nose away
Roll	Small input
	Verify direction
Unexpected Behavior	
Control Inputs	Neutralize
Flight Mode	Position
Aircraft	Land
Landing Detector Failure	
Flight Mode	Position or Altitude
	Land firmly
Flight Mode	Manual
	Land firmly
Throttle	Down + Left, 10 sec
Loss of Video Signal	
Flight Mode	Position
Visual contact	Establish
Aircraft	Orient for reception
Flight Mode	Return
RC Loss of Signal (LOS)	
Herelink	Check Battery
	Check Antennas
Flight Mode	Return
Emergency Stop - Manual	
Flight Mode	Manual
Throttle	Down + Left, 10 sec
Emergency Stop - AMC	
AMC App	Tap "Armed" (top center)
	Hold to confirm E-Stop