Before Leaving		
Aurora	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
<u> </u>	

Setup	
Airspace	Verify available
Astro	Remove from case
Booms	Unfold and lock
PropHolders	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-Holder	Install, slide to motor
Booms	Fold
Payload	Remove
Astro	Insert into case
Suite	Annotate flights

Preflight Herelink Battery above 30% Pilot Computer Battery above 30% Aircraft position 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 Position Aircraft Verify orientation Props Verify clear Takeoff Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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 Flight Batteries Remove		
Pilot Computer 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 Position Aircraft Verify orientation Props Verify clear Takeoff Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora Climb Landing Announce Landing Announce 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	Preflight	
Aircraft position Payload Secure Flight Batteries Charge > 20% Install and activate. Aircraft Orientation LEDs Dim, Constant AMC Verify connected No warnings Return altitude set Geofence (optional) 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 Aurora Climb Landing Announce 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	Herelink	Battery above 30%
Payload Secure Flight Batteries Charge > 20%	Pilot Computer	Battery above 30%
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 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 Aurora Climb Landing Announce Landing Announce 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	Aircraft position	Away from obstacles
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 Aurora 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	Payload	Secure
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 Aurora 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	Charge > 20%
Orientation LEDs Dim, Constant Verify connected No warnings Return altitude set Geofence (optional) Flight Mode Flight Mode 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 Aurora Climb Landing Announce "Landing" Landing Area Verify clear Mode Switch Position Astro Touchdown Throttle Down (Disarm) Motors Orientation LEDs Dim, Constant Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage		Install and activate.
AMC Verify connected No warnings Return altitude set Geofence (optional) Flight Mode Flight Mode 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 Aurora Climb Landing Announce Landing Werify 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	Aircraft	Stationary while booting
No warnings Return altitude set Geofence (optional) Flight Mode 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 Aurora Climb Landing Announce "Landing" Landing Area Verify clear Mode Switch Position Astro Throttle Down (Disarm) Motors All Stop Orientation LEDs Dim, Constant Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Orientation LEDs	Dim, Constant
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 Aurora 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	AMC	Verify connected
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 Aurora 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 Inspect for Damage		No warnings
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 Aurora 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		Return altitude set
Flight Mode Aircraft Verify orientation Props Verify clear Takeoff Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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		Geofence (optional)
Aircraft Verify orientation Props Verify clear Takeoff Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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 Mode	Return, Altitude
Props Verify clear Takeoff Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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 Mode	Position
Takeoff Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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	Aircraft	Verify orientation
Throttle Down + Right (Arm) Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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	Props	Verify clear
Motors All spin Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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	Takeoff	
Orientation LEDs Bright, Constant Throttle Advance above center Aurora 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	Throttle	Down + Right (Arm)
Throttle Advance above center Aurora 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	Motors	All spin
Aurora 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	Orientation LEDs	Bright, Constant
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	Throttle	Advance above center
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	Aurora	Climb
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	Landing	
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	Announce	"Landing"
Astro Touchdown Throttle Down (Disarm) Motors All Stop Orientation LEDs Dim, Constant Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Landing Area	Verify clear
Throttle Down (Disarm) Motors All Stop Orientation LEDs Dim, Constant Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Mode Switch	Position
Motors All Stop Orientation LEDs Dim, Constant Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Astro	Touchdown
Orientation LEDs Dim, Constant Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Throttle	Down (Disarm)
Post Flight AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Motors	All Stop
AMC Check for warnings Aircraft, Props, Motors Inspect for Damage	Orientation LEDs	Dim, Constant
Aircraft, Props, Motors Inspect for Damage	Post Flight	
	AMC	Check for warnings
Flight Batteries Remove	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 - Manua	I
Flight Mode	Manual
Throttle	Down + Left, 10 sec
Emergency Stop - AMC	
AMC App	Tap "Armed" (top center)
	Hold to confirm E-Stop
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