Please Note: These checklists were created to be used with Plant and Service Operation UAV - DJI Inspire 1. While many checklists have similar entries, this is designed for our operation / UAV. Please bear this in mind when your are creating your checklist(s) for your UAV make / model / operation criteria / operation...

UAV Checklist: UAV Name, Nickname, etc.
Flight Execution (Field Ops)

Make & Model -- S/N: xxxxxxxxx

FAA Registration: xxxxxxxxx

Extra Tracking Information

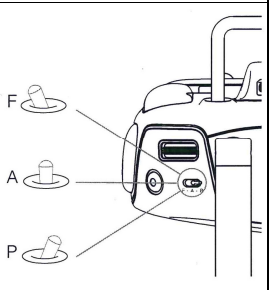
✓	***UAV Flight Operations: Site***
	01.00: Execute Flight as discussed:
	01.01: Flight Deviations / Contingency…
	01.02: Flight Terminations: Emergency Procedures…
	02.00: Land UAV as required at departure point:
	02.01: End of Tasking……
	02.02: Low Battery -- land and replace…
	03.00: Wait until UAV rotors have stopped spinning to approach…
	04.00: Replace spent battery with fresh…
	05.00: Return spent battery to transport case…
	06.00: Visually inspect UAV for rotor damage (replace as necessary)…
	07.00: Visually inspect UAV for any damage…
	Return to step 01.00 -- repeated as necessary or
	until all batteries are discharged…
	until all items accomplished…
	until weather changes forces termination of operation…

Inspire Flight Mode Switch / Configuration:

Flight Mode Switch

Toggle the switch to select the desired flight mode. You may choose between; P mode, F mode and A mode.

Figure	Flight Mode
F	F mode
A	A mode
P	P mode



P mode (Positioning) : P mode works best when GPS signal is strong. There are three different states of P mode, which will be automatically selected by the Inspire 1 depending on GPS signal strength and Vision Positioning sensors:

P-GPS: GPS and Vision Positioning both are available, and the aircraft is using GPS for positioning.

P-OPTI: Vision Positioning is available but the GPS signal is not. Aircraft is using only Vision Positioning for hovering

P-ATTI: Neither GPS or Vision Positioning available, aircraft is using only its barometer for positioning, so only altitude is controlled.

A mode (Attitude): The GPS and Vision Positioning System is not used for holding position. The aircraft only uses its barometer to maintain altitude. If it is still receiving a GPS signal, the aircraft can automatically return home if the Remote Controller signal is lost and if the Home Point has been recorded successfully.

F mode (Function): Intelligent Orientation Control (IOC) is activated in this mode. For more information about IOC, refer to the IOC in Appendix.

The Flight Mode Switch is locked in P mode by default. To unlock the switch, launch the DJI GO app, enter the "Camera" page, tap "MODE", and then activate "Multiple Flight Mode" .

Inspire Status Light Configuration:

Normal	
R-G-Y ····· Red, Green and Yellow Flash Alternatively	Power on and self-check
G-Y ····· Green and Yellow Flash Alternatively	Aircraft warming up
G ····· Green Flashes Slowly	Safe to Fly (P mode with GPS and Vision Positioning)
G X2 ····· Green Flashes Twice	Safe to Fly (P mode with Vision Positioning but without GPS)
Y ····· Yellow Flashes Slowly	Safe to Fly (A mode but No GPS and Vision Positioning)
Warning	
Y ····· Fast Yellow Flashing	Remote Controller Signal Lost
R ····· Slow Red Flashing	Low Battery Warning
R ····· Fast Red Flashing	Critical Low Battery Warning
R ····· Red Flashing Alternatively	IMU Error
R —— Solid Red	Critical Error
R-Y ····· Red and Yellow Flash Alternatively	Compass Calibration Required

Inspire Camera Icon Configuration:

Follow Mode	The angle between Gimbal's orientation and aircraft's nose remains constant at all times. One user alone can control the pitch motion of the Gimbal, but a second user is required to control the pan motion using a second remote controller.
FPV Mode	The Gimbal will lock to the movements of the aircraft to provide a First-Person-View flying experience.
Free Mode	The Gimbal's motion is independent of the aircraft's orientation. One user alone can control the pitch motion of the Gimbal, but a second user is required to control the pan motion using a second remote controller.
Re-alignment	Tap to force the Gimbal orientation to re-align with aircraft's orientation by panning from gimbal's current orientation. Pitch angle will remain unchanged during the re-alignment.

- Gimbal motor error may occur in these situations: (1) Gimbal is placed on uneven ground. (2) Gimbal has received an excessive external force, e.g. a collision. Please take off from flat, open ground and protect the gimbal after powering up.
- Flying in heavy fog or cloud may make the gimbal wet, leading to a temporary failure. The gimbal will recover when it dries out.

	Terminate operations if UAV is damaged or develops a hardware fault…