Ag Application Study Checklist

Procedure:

1. BEFORE Flight → Altum Reflectance Panel Pic
2. If RTK is NOT active: Manually Start Props → Stop Props → Start Automated Flight
3. END of Flight → Altum Reflectance Panel Pic

B North

- ☐ Altum Reflectance Panel Pic
- ☐ Automated Flight (Hover for Active RTK)
- ☐ Altum Reflectance Panel Pic

B South

- ☐ Altum Reflectance Panel Pic
- ☐ Automated Flight (Hover for Active RTK)
- ☐ Altum Reflectance Panel Pic

Z West

- ☐ Altum Reflectance Panel Pic
- ☐ Automated Flight (Hover for Active RTK)
- ☐ Altum Reflectance Panel Pic

Z East

- ☐ Altum Reflectance Panel Pic
- ☐ Automated Flight (Hover for Active RTK)
- ☐ Altum Reflectance Panel Pic

Z3

- ☐ Altum Reflectance Panel Pic
- ☐ Automated Flight (Hover for Active RTK)
- ☐ Altum Reflectance Panel Pic

Z4

- ☐ Altum Reflectance Panel Pic
- ☐ Automated Flight (Hover for Active RTK)
- ☐ Altum Reflectance Panel Pic

NOTE

- *Fly within 2.5 hrs of Solar Noon*
- *Altum Configuration – must match Altitude of Automated Flight*
- *Capture CRP image immediately before and after each flight*

Altitude = 90m (~298 ft)
Velocity = 7 m/s (~15.5 mph)
Overlap = 80%
3.88 cm/pixel
Image Format = TIFF
Image Capture Rate = 1.71 sec/image
Altum MultiSpectral Sensor (DJI X7 camera – not necessary)