

Night Operations Mitigation

Operations outside of restricted airspace may only be conducted during daylight hours unless the following conditions are met:

- There will be no other aircraft in the FHU Class D airspace while the Warrior UAS is in the FHU Class D airspace.
- The appropriate number of ground observers IAW special provision #2 (2008-WSA-19-COA, effective 29 July 2008) will be in place and positioned at their designated location(s) for a minimum of 1 hour after official sunset to ensure night vision adaptation has occurred.
- In addition to the ground observer(s) air traffic control will monitor the DBRITE display located in the Libby ATCT cab as a supplement to ensure no civil traffic is approaching the Libby Class D airspace without making the required radio contact with the ATCT. Additionally, information from the DBRITE will be used to reduce the effect of the visual observer's position being offset from the UA's location and to help reduce possible nighttime optical illusions. If the DBRITE is not operational, night operations will not be authorized.
- UAS operations will not occur within 1 hour prior to and 1 hour after published sunset times in order to avoid operations during civil twilight hours.
- Ground observers will undergo additional training on the lighting configuration of the UA to ensure proper recognition during night flights.
- The UA shall operate navigation and anti-collision (strobe) lights for all night time operations outside of active restricted airspace. It is recommended that they remain on for operations within restricted airspace. Night time operations are not allowed if the UA's lights are inoperable.