

From: [Allan, Majid](mailto:Allan_Majid)
To: chairman@townofdunkirk.com
Subject: FW: Skaalen (CUP #2578)
Date: Monday, April 17, 2023 3:39:12 PM

From: derek@cellusite.net <derek@cellusite.net>
Sent: Thursday, April 13, 2023 6:14 AM
To: Allan, Majid <Allan@countyofdane.com>; 'Remington, Jake' <Jake.Remington@huschblackwell.com>
Subject: RE: Skaalen (CUP #2578)

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Majid,

Pardon me for butting in – I spoke to the owner of Towerking and below is what Towerking is proposing to install, based on the recommendation from ASAC but will entertain other lighting options.

The tower will flash white during the day and red at night. During the day the top beacon will flash white 40 flashes per minute and at night it will flash 30 flashes per minute. The side markers, which are at ½ the height of the tower (a very small red light) will flash in synchrony with the top beacon at night. Towerking recommends the use of the white/day light for the purpose of foggy days.

This kit will be LED technology, which is far superior and far less intrusive than traditional/older style strobe lights. The top beacon will utilize a special Fresnel optic that will reflect and bend the light at altitude, but not scatter the light to the ground. At night from 5 football fields away, the top beacon will look like a common household 65-watt light bulb at top of the tower. The perception of the light at night is far less, around 10% of that during the day.

One additional item with this kit is that it will have infrared spectrum top beacon and middle side markers. This infrared won't be visible to the human eye, but pilots such as military and helicopters will be able to see this light when utilizing night vision equipment...

I also have this setup for 24/7 remote monitoring, another additional monthly cost and necessary to ensure pilot safety in the instance of an outage. In the event that the tower light fails, the FAA will be immediately notified and an official "Notice To Airman" will be initiated that the tower light is out.

Towerking does also agree to remove the lighting should the airport cease to operate.

Thank you!

Derek McGrew
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From: Allan, Majid <Allan@countyofdane.com>
Sent: Wednesday, April 12, 2023 12:21 PM
To: 'Remington, Jake' <Jake.Remington@huschblackwell.com>
Cc: derek@cellusite.net
Subject: RE: Skaalen (CUP #2578)

Thanks, Jake. I'll reference these in the staff memo I'm preparing for the 4/25 meeting. Couple things I failed to inquire about: can someone provide a brief statement detailing what the ASAC recommended "dual red light system" would entail? (e.g., would it be red flashing lights atop the tower? Or, at top and mid-point? And... only operational during night-time). Secondly, if/when the private airport ceases to operate, would TowerKing be willing to remove the lighting? As I'm sure you're aware, lighting can be an issue for neighbors and so having the info available would be helpful.

Thanks again,
Majid

Majid Allan
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From: Remington, Jake <Jake.Remington@huschblackwell.com>
Sent: Wednesday, April 12, 2023 6:28 AM
To: Allan, Majid <Allan@countyofdane.com>
Cc: derek@cellusite.net
Subject: Skaalen (CUP #2578)

Hi Majid,

Just to follow up and confirm what TowerKing is offering to address the concerns raised by the airport owner. Consistent with the recommendations of the airport safety consultant (attached) and WisDOT's Airport Operations and Airspace Safety Program Manager, TowerKing will agree to add a condition to light the tower. TowerKing has also agreed to reduce the tower height by 20 feet (175' with a 5' lightning rod).

Thanks,
Jake

Jake Remington
Senior Counsel

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