

6/14/2022

**FOR YOUR INFORMATION**

2022-62/5-23

To: Airport Manager, Charlotte/Douglas International, (CLT), FAA (AAS-1)

1892641

Info: FAA (AAS-300, AVP-1, AVP-200, AFS-260, AFS-200, ASO-600, AJI-144, Director of Air Traffic Operations ESA South, Runway Safety Team), A4A, AAAE, ALPA, AOPA, APA, ASAP, ATSAP, ATSG, CAPA, EAA, IATA, IBT, ICAO, ICASS, IFALPA, IPA, NAFI, NATCA, NBAA, NTSB, RAA, SWAPA

From: Becky L. Hooey, Director  
NASA Aviation Safety Reporting System

Re: CLT Parking Lot Lights

We recently received ASRS reports describing a safety concern that may involve your area of operational responsibility. We do not have sufficient details to assess either the factual accuracy or possible gravity of the report. It is our policy to relay the reported information to the appropriate authority for evaluation and any necessary follow-up. We feel you should be aware of the enclosed deidentified report.

To properly assess the usefulness of our alert message service, we would appreciate it if you would take the time to give us your feedback on the value of the information that we have provided. Please contact Dr. Becky Hooey at (408) 541-2854 or email at [becky.l.hooey@nasa.gov](mailto:becky.l.hooey@nasa.gov).



Aviation Safety Reporting System  
P.O. Box 189 | Moffett Field, CA | 94035-0189



## ACN 1892641

### DATE / TIME

Date of Occurrence	202204
Local Time Of Day	1801 to 2400

### PLACE

Locale	CLT.Airport
State	NC
Altitude - AGL	300

### AIRCRAFT / EQUIPMENT X

ATC / Advisory - Tower	CLT
Make Model Name	Commercial Fixed Wing
Operating Under FAR Part	121

### PERSON 1

Function - Flight Crew	Pilot Flying
ASRS Report Number	1892641

### EVENTS

Anomaly	Ground Event / Encounter - Other / Unknown
Detector - Person	Flight Crew
Result - General	None Reported / Taken

### NARRATIVE 1

When landing on CLT Runway 18L at night, the parking lot lights at the cargo carrier facility just short of the runway are very bright and very white. We cross over the lot between 300-250 ft. AGL. The brightness, especially in contrast to the runway and runway environment lighting, is very distracting and disrupts pilots' night vision. That leaves only 50 ft. AGL for our eyes to read just prior to Decision Height. The effect is worsened by the lights reflecting off the top of the white trailers, and is amplified further by rain atop the trailers.

Un-shielded lighting at the facility that is too bright and is not shielded as to not blind pilots on approach.

Change the facility lighting from bright white and add light shields to prevent blinding pilots on short final approach.

### SYNOPSIS

Air Carrier Pilot Flying reported, while on approach to Runway 18L at CLT, the lights from the cargo carrier facility are distracting and disrupt pilots' night vision. The pilot states the lights need some type of shielding to alleviate the undesirable situation.