

Robert Gray Army Airfield

GRK

March 18, 2026



Powering Business Worldwide



Eaton Crouse-Hinds
Airport Lighting Products
1200 Kennedy Road
Windsor, CT 06095
Tel: (860) 683-4300
Fax: (860) 683-4354

Company Overview

Constant innovation, superior quality and great customer service have allowed Eaton Crouse-Hinds Airfield Lighting Products to become a leader in the airfield lighting industry. Today, we operate a global business from our corporate base in Windsor, Connecticut. New product development and design engineering are performed in-house. The majority of our products are manufactured, assembled, and shipped right out of our Connecticut headquarters.

Eaton Crouse-Hinds has 85 years of manufacturing airfield ground lights, signs, constant current regulators and power equipment and 25 years of experience with Airfield Lighting and Control Monitoring System (ALCMS) that are designed to meet a wide range of airfield lighting control and monitoring requirements. The advanced system architecture ensures reliable operation and greatly simplifies installation and maintenance. No matter the size of the airfield our ALCMS can be customized to find a solution to meet and exceed customer expectations.

Eaton Crouse-Hinds is continually expanding and developing its product lines to meet ever more stringent benchmarks for safety, reliability, performance and longevity.

Each product contains new technologies representing a major investment of time, talent and capital toward a new era in airfield lighting.

As our industry faces unprecedented customer demands and competition, it is spurred by a succession of technological breakthroughs. Our new products respond not only to the changing demands of our customers, but also to the global shift toward computerized control and monitoring of lighting systems.

- Proactive customer service
- Excellence in design
- Superior quality and workmanship
- Corporate solidarity.

These strengths have allowed Eaton Crouse-Hinds to become a leading light in an industry where nothing less than top-flight is acceptable.

Scope of Work

Standard Maintenance Support Agreement for Airport Lighting Control Systems (Aligned with AC 150/5340-26B)

It is very important that the airport maintenance people have the adequate technical support for the ALCMS system. Support is not meant just for the warranty period but to maintain the system hardware and software so as to ensure that there is limited interruption in service. Eaton Crouse-Hinds offers the following services as part of the standard maintenance contract to increase the life of the ALCMS system.

- Unlimited technical phone support will be provided during normal office hours.
- Remote access of ALCMS system to troubleshoot with customer provided remote access to ALCMS system computer through an internet connection.
- Two on-site visits per year to do ALCMS preventative maintenance, each visit will include the following (See Appendix A for Tasks Checklist form):
 - Perform system diagnostics and inspection to verify performance optimization.
 - Equipment visual inspection and cleaning.
 - Optimization of Hard Drives and System Calibration.
 - Conduct System Failure Analysis and System Reporting Review.
 - Virus inspections and system heal if necessary.
 - Verify System Software and provide newly released software upgrades for the operating software that will enhance the overall performance of the system. Installation is free when coupled with another planned visit.
- System security evaluations and updates per cyber security requirements
 - Prior to each visit CHALP technical team will run a DOD security compliance test using a simulation system and optimize security enhancements without compromising the system integrity and functionality.
 - During the ALCMS standard maintenance visit the airport can run DOD security test tool to validate cyber security compliance. Per request CHALP will prepare a report indicating the requirements that can't be implemented with their reasons.
 - CHALP Software team will prepare an offline Windows update package, that will include recent Microsoft security patches.
 - During an ALCMS standard maintenance visit CHALP technician will install on each computer the above Windows update package.
- During one of the visits perform CCR Testing Program. Testing will be based on requirements of FAA AC 150/5340-26C (current edition) and will include the following tasks, for each of the existing Crouse Hinds CCRs (approximately 10 CCRs) once a year (See Appendix B for the CCR detailed test report form):
 - Output Load Values: Test output load values (in KW) using the control systems for the regulator. Perform calibration as required.
 - Short Circuit Test: Short circuit in local condition and test on all brightness steps. Verify CCR output current within the allowed tolerance.
 - Open Circuit Test: recommended non-dynamic, contactor coil open method. This will include testing the controls to detect open circuit shut down of the regulator without cycling transformer through open circuit casualty.
 - Over Current Test: simulate high current to verify that high output current protection feature is operative.
 - CCRs load analysis using the high step output voltage and current to calculate KW output and optimal CCR size. (See Appendix C for example of the report).



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CROUSE-HINDS SERIES

- Equipment and training for airport personnel which will coincide with a preventative maintenance trip(s). The airport may specify the training topic(s).
- Maintain and provide the system updated As Made Drawings that reflect the up to date system design
- Provide complete service report in the end of each visit.
- Technical Support People will be available for additional on-site work with customer charged for time and materials.

Note: Requests for technical support people on site will be treated as a priority request over those requests for service at sites where no service contract is in effect.



Eaton's Crouse-Hinds Airport Lighting Products

1200 Kennedy Road
Windsor, CT 06095
860-683-4371
FAX: 866.527.3860

March 18, 2026

**Maintenance Service Contract
Computer Control and Monitoring System**

This Maintenance Service Contract (the "Contract") is entered into on 3/18/2026

Between

Crouse-Hinds Airport Lighting Products a division of Cooper Crouse-Hinds, LLC, organized under the laws of the State of Delaware with its headquarters at 1200 Kennedy Road, Windsor, Connecticut 06095 USA, (hereinafter referred to as "CHALP").

And

Robert Gray Army Airfield
(hereinafter referred to as "Customer").

WHEREAS CHALP, has supplied and commissioned an Airfield Lighting Computer Control and Monitoring System (hereinafter referred to as "ALCMS") for Airfield Ground Lighting, and

WHEREAS The Customer, having purchased a ALCMS and wishes to acquire support and maintenance for the ALCMS from CHALP;

NOW THEREFORE, in consideration of the covenants hereinafter contained, the parties agree to enter into this Contract for maintenance services related to ALCMS equipment, as follows:

1. SCOPE OF THE CONTRACT

Subject to the payment of fees and compliance with the terms of this Contract, CHALP shall provide Customer the services specified in Article 5, with regard to the ALCMS and its devices installed at the customers location.

2. TERM

This Contract shall become effective on the date of its signature by both Parties. The starting date of the Contract shall be 05/01/2026 and it Contract shall terminate on 04/31/2031. The customer may renew this Contract subject to agreement between the parties on new contract pricing.

3. CONTRACT PRICE AND PAYMENT TERMS

Changes to services requested by Customer are subject to written acceptance by CHALP. Such accepted changes may affect price, delivery schedule and completion dates. See appendix D for contract amount.

Payment pursuant to the Contract shall be made in advance of the service call or receipt of the applicable part(s) in U.S. Dollars by Customer check or bank transfer to the following account:

PNC Bank
Pittsburgh PA USA
A/C# 1-269730
ABA# 043000096

4. CUSTOMER'S RESPONSIBILITIES

To initiate a request for service the Customer's designated administrative contact(s) will notify their CHALP contact that a scheduled check-up should be scheduled. The minimum notice period is three weeks and CHALP is not responsible for scheduling or reminding Customer that preventive maintenance check-ups are required for their system.

The Customer shall provide CHALP's, at no charge, adequate working space and facilities for its personnel including light, heat, ventilation, electrical current and outlets and adequate storage space for parts. All such facilities shall be in close proximity to the ALCMS to be serviced.

The Customer shall provide CHALP, at no charge, access to and use of any machines, attachments, features, communication facilities or other equipment and material normally available at Customer's site which, in the opinion of CHALP's personnel, are necessary to facilitate the performance of the contracted services and shall provide CHALP's access to the ALCMS system to perform the contracted services. All such visits must be pre-arranged with CHALP.

The Customer shall not require CHALP or its employees to waive claims or potential claims of liability against the Customer nor shall any other conditions be imposed on CHALP as a condition of site access, other than for safety and security reasons and as otherwise set forth herein.

5. CHALP'S RESPONSIBILITIES

CHALP will provide the contracted services if the Customer makes payment pursuant to the Contract terms and otherwise abides by all of the terms of this Contract. CHALP reserves the right on written notice to discontinue providing services if these conditions are not met.

Services, such as but not limited to configuration changes, which are not provided under this contract, may not be available. However CHALP will, at its own discretion, use reasonable commercial efforts to supply such other services, but shall not be obligated therefore. The cost of these services will be billed separately and will only be done with customer's prior approval.

CHALP shall not be liable for delay in performance if such delay is caused by unavailability of information, material or computer time or any other item, which is to be furnished to CHALP by the Customer. Nor shall CHALP be liable for delays of the type noted in Article 9 herein.

SCHEDULED SITE INSPECTIONS

CHALP will make two scheduled check-ups (preventive maintenance) on site visits per year to be performed by a specialist. Each visit has a maximum duration of five working days per visit, with travel time

to the site included in the five-day time limit. The specialist shall perform the following on the ALCMS system:

- Inspection of System Hardware
- Diagnostic Testing of the Control System
- Verify system functionality
- Review outstanding issues in connection with the ALCMS system and examine possible solutions.
- Brightness, VA Drop, over current and burnt out Lamp Calibration check and adjustment (if required) for each CCR.
- Airfield Lighting Control and monitoring System (ALCMS) checks for all components.
- Identify any defective parts that may need replacement or repair
- ALCMS Cable and Contact Connection check to ensure all connections are tight and clean contacts where applicable.
- Optimize computer hard drives for performance
- UPS maintenance on units supplied by CHALP.
- Touch Screen Calibration check and adjustment (if required).
- Cleaning of the system and enclosures to ensure proper airflow around equipment
- Review Maintenance History Log and follow up on any discrepancies to ensure the integrity of the system.
- Install System software updates which CHALP has specifically designated as correcting existing programs.
- Provide training for the operating and maintenance staff during pre-arranged visits with date(s) and time(s) to be mutually agreed upon with the Customer. This training will be done at the same time as the preventative maintenance check-up noted in this paragraph.
- System security evaluations and updates per cyber security requirements
 - Prior to each visit CHALP technical team will run a DOD security compliance test using a simulation system and optimize security enhancements without compromising the system integrity and functionality.
 - During the ALCMS standard maintenance visit the airport can run DOD security test tool to validate cyber security compliance. Per request CHALP will prepare a report indicating the requirements that can't be implemented with their reasons.
 - CHALP Software team will prepare an offline Windows update package, that will include recent Microsoft security patches.
 - During an ALCMS standard maintenance visit CHALP technician will install on each computer the above Windows update package.
- During one of the visits perform CCR Testing Program. Testing will be based on requirements of FAA AC 150/5340-26C (current edition) and will include the following tasks, for each of the existing Crouse Hinds CCRs (approximately 40 CCRs) once a year (See Appendix B for the CCR detailed test report form):
 - Output Load Values: Test output load values (in KW) using the control systems for the regulator. Perform calibration as required.
 - Short Circuit Test: Short circuit in local condition and test on all brightness steps. Verify CCR output current within the allowed tolerance.
 - Open Circuit Test: recommended non-dynamic, contactor coil open method. This will include testing the controls to detect open circuit shut down of the regulator without cycling transformer through open circuit casualty.
 - Over Current Test: simulate high current to verify that high output current protection feature is operative.
 - CCRs load analysis using the high step output voltage and current to calculate KW output and optimal CCR size.

Additional visits may be purchased if necessary with additional charges:

- \$3200/day (Special Contract Rate)

The two visits each year during the term of this Contract will take place at mutually agreed dates. The visits shall be during Customer's normal working schedule. To the maximum extent possible, on site visit shall be carried out so as not to disturb normal operations. Upon completion of each on site visits, CHALP's representatives shall issue a report. The Customer shall acknowledge receipt of the report by signing one copy of the report and returning it to CHALP. The report shall list all problems detected. The report shall include: (i) a description of the work required to be performed to solve problems, (ii) the estimated period of time required to solve all pending problems, and (iii) provide the Customer information about the condition of the ALCMS system in order to improve quality of service by recommended actions.

CHALP will provide unlimited phone and E-Mail technical support Monday through Friday from 8:00 AM to 5:00 PM EST

This service agreement covers only the ALCMS services listed above. This agreement does not include the replacement of parts or overhaul. This will be provided in a separate proposal if necessary.

6. WARRANTY

Any maintenance service, including any software or replacement parts for the ALCMS system, provided by CHALP under this Contract is warranted to be free from defects for one year. CHALP's only liability herein shall be to replace any products that CHALP determines to be defective. EXCEPT FOR THIS EXPRESS WARRANTY, CHALP MAKES NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE, WITH RESPECT TO ANY SERVICE, PARTS OR OTHER ITEM DELIVERED BY CHALP. Without limiting the generality of the foregoing, CHALP makes no warranty that the ALCMS will provide either uninterrupted or error-free data. Nor will this warranty in any way vary and pre-existing warranty provisions for the ALCMS.

7. EXCLUSIONS

The maintenance services exclude the following:

Replacement of any ALCMS system hardware: such as computers, computer screens, Digitrac Devices, Continuous Logitrac Adaptors or Continuous Logitrac Devices. Any equipment needed to be replaced will be identified by CHALP and available for purchase by the airport. Installation can be coupled with another planned visit to reduce or avoid installation costs;

Maintenance of Regulators (CCR);

Maintenance services performed at any time to resolve a problem or failure that was not covered by a warranty or service agreement or which is unrelated to the ALCMS system;
Specification changes instituted by the Customer or corrections that are necessary due to an operating environment which is different from that in which the ALCMS is intended to function according to its specifications;

Repair or replacement of any ALCMS parts or portion thereof if CHALP reasonably believes that such repair or replacement is necessitated in whole or in part by: error, neglect, misuse, abuse or negligent acts of the Customer or a third party, including failure by the Customer to follow CHALP's installation, operation, or maintenance instructions and specifications, improper or unauthorized connection with any peripheral; external electrical fault; or alteration, modification, service or repair performed otherwise than by CHALP or with CHALP's permission.

Software will not be serviced if the following conditions exist: The system does not conform to the update level necessary to support the software or has been modified, other than by CHALP's personnel, so as not to conform to the specifications for which the software was designed.

The Customer or a third party is using the software in violation of its software licenses.

The ALCMS software (i.e. operating system, system utilities and libraries, drivers, etc.) is not supported and approved by CHALP.

The software has been subjected to damage or abuse by the Customer, its agents, employees, invitees or third parties.

The Customer has made a copy of the software without CHALP's written approval.

A copy of the software rendered by CHALP has been altered, decrypted, extracted, translated, disassembled, decompiled or changed in any way by Customer, its agents or third parties.

CHALP is not responsible for problems to the operating characteristics of the ALCMS, which were caused by unauthorized modifications to copies of the software provided by CHALP.

CHALP is not responsible for problems that occur as a result of the use of the software in conjunction with non-CHALP software or with hardware which is incompatible with the version of the software provided.

8. LIMITATION OF LIABILITY & INDEMNITY

IN NO EVENT SHALL CHALP OR ITS AFFILIATES, OR THE OFFICERS, DIRECTORS, AGENTS, OR EMPLOYEES OF ANY OF THEM BE LIABLE TO CUSTOMER OR ANYONE CLAIMING THROUGH CUSTOMER, FOR ANY INDIRECT, CONSEQUENTIAL, PUNITIVE, SPECIAL OR SIMILAR TYPES OF DAMAGES, DOWNTIME OR LOSS OF PROFITS, ARISING OUT OF ANY SERVICES PROVIDED BY CHALP PURSUANT TO THIS CONTRACT, RESULTING FROM CHALP'S BREACH OF ANY OF THE PROVISIONS OF THIS CONTRACT, OR OTHERWISE. NEITHER PARTY SHALL BE RESPONSIBLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES OF ANY KIND OR NATURE ARISING OUT OF THIS AGREEMENT OR THE PROVISION OF PRODUCTS OR SERVICES HEREUNDER, WHETHER SUCH LIABILITY IS ASSERTED ON THE BASIS OF CONTRACT, TORT (INCLUDING THE POSSIBILITY OF NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE, EVEN IF THE PARTY HAS BEEN WARNED OF THE POSSIBILITY OF ANY SUCH LOSS OR DAMAGE, AND EVEN IF ANY OF THE REMEDIES IN THIS AGREEMENT FAIL OF THEIR ESSENTIAL PURPOSE. MOREOVER, NEITHER PARTY SHALL BE RESPONSIBLE FOR DAMAGES IN EXCESS OF AN AGGREGATE OF THE PURCHASE PRICE AMOUNTS PAID BY CUSTOMER TO SELLER FOR PRODUCTS AND SERVICES PURCHASED BY CUSTOMER UNDER THIS AGREEMENT.

9. REMEDIES & EXCUSED DELAYS

If the inability to provide the maintenance is not the fault of CHALP and/or is beyond CHALP's control or which it could not reasonably have anticipated or avoided, CHALP shall be excused from performance of its obligations under the Contract during said period of time. Specifically but not by way of limitation these problems may be caused by labor disputes, war, riot or insurrection, acts of God and acts of government. CHALP shall not be responsible for any costs beyond a prorated reduction in its Contract fees during said period. The Contract shall be extended for a period of time equal to the time CHALP was unable to perform said maintenance.

Without regard to the reason that CHALP is unable to provide said maintenance, CHALP shall not be responsible for problems to the ALCMS which arise as a result of the actions or inactions of Customer or any third party during periods when CHALP is unable to maintain the system. All costs to bring the ALCMS system back to its former operating level will be charged to Customer separate and apart from expenses covered by this Contract.

10. HARMONY WITH OPERATIONS OF OTHERS

During the time that CHALP is performing hereunder, other persons may be engaged in other operations in or about the service area including facility operations, pedestrian, bus and vehicular traffic and other Contractors performing at the work site, all of which shall remain uninterrupted.

CHALP shall so plan and conduct its operations to work in harmony with others. If CHALP work is interrupted by other persons and such interruption results in increased costs, CHALP may request compensation for its actual increased costs.

11. INSURANCE REQUIREMENTS:

CHALP, at its own expense shall provide a certificate of insurance to Customer showing that it maintains comprehensive general liability insurance with limits of at least \$5,000,000 in the aggregate and Workers' Compensation Insurance in accordance with the requirements of law.

Each policy certificate shall contain a provision that the policy may not be canceled, terminated or modified without thirty-day written notice to Customer.

If at any time the above insurance should be canceled, or materially adversely modified so that the insurance is not in effect as above required, then, if the Customer shall so direct, CHALP shall suspend performance of the Contract until appropriate insurance has been obtained.

12. CONFIDENTIALITY

In order to enable CHALP's personnel to perform the services described under this Contract, and in order to enable Customer to satisfy its obligations hereunder, it may become necessary for each party to receive or have access to Confidential Information (such term being defined to include specifications, designs, plans, drawings, software, data prototypes or other technical or business information that either existed prior to performance of services hereunder or is subsequently developed independent of performance of such services) of the other which is considered proprietary or confidential. In addition, Delivered Information, as defined in Article 13, is considered by the parties to be proprietary and confidential. All such Confidential Information and all Delivered Information will be collectively referred to in this Article 12 as Information.

The party receiving the Information will:

- Hold the Information of the furnishing party in confidence, and restrict its disclosure solely to those of the receiving party's employees with a need to know, and not disclose it to third parties; and
- Advise employees who received the Information of the obligation of confidentiality hereunder; and
- Use and require employees to use the same degree of care to protect the Information as is used with the receiving party's information of a similar nature; and
- Use the Information it receives only in connection with Services it performs or obligations it fulfills pursuant to this Contract or pursuant to the applicable license granted in Article 13.

This obligation of confidentiality shall not apply in the following situations: (1) the Confidential Information is already known by the other party, (2) the Information is disclosed by a third party having a right to make such a disclosure, (3) the Information is developed independently by the other party or (4) the Information is part of the public domain.

In any case Confidential Information, other than licensed software shall be held in confidence for three years after the final termination of this Contract.

13. OWNERSHIP OF INVENTIONS AND DELIVERED INFORMATION

All information (including specifications, designs, plans, drawings, software, date prototypes or other technical or business information) delivered by CHALP to Customer, and the rights to any underlying patent, copyrights, mask work protection rights and other intellectual property rights, will be designated as "Delivered Information" and will be treated as follows:

- In the event that Delivered Information is developed or generated solely by CHALP employees or jointly by CHALP and Customer's employees, CHALP will own all right, title and interest therein.
- CHALP grants to Customer a non-exclusive, irrevocable, royalty-free license to use such Delivered Information in so long as this Contract, as amended, remains in effect.
- In the event that Delivered Information is generated solely by Customer's employees, Customer will own all right, title and interest therein. Customer grants to CHALP a non-exclusive, irrevocable, royalty-free license to use such Delivered Information for any lawful business purposes.
- In the event that CHALP's Confidential Information is incorporated in Delivered Information provided to Customer, CHALP grants to Customer a non-exclusive, irrevocable, royalty-free license to use such Delivered Information for the purpose of the present Contract.

14. RESOLUTION OF DISPUTES

Any claim or dispute arising in connection with this Contract which is not settled by the parties within sixty (60) days of notice thereof first being given by either party to the other shall be finally settled by arbitration under the Commercial Arbitration Rules and the Guidelines for Expediting Larger Complex Commercial Arbitrations of the American Arbitration Association and judgment upon the award rendered by the arbitrators may be entered in any court having jurisdiction over it. There shall be three arbitrators, and they shall conduct themselves as neutrals. The chairman shall be an attorney experienced in arbitrating large commercial disputes. Each party shall appoint one arbitrator, and the two arbitrators shall appoint a third. Each party shall be responsible for payment of fees to any expert it may employ. The compensation of the arbitrators and the costs of the arbitration proceeding shall be shared equally. The arbitrators shall actively manage the arbitration to make it fair, expeditious, economical and less burdensome and adversarial than litigation, and the award rendered shall not include consequential or punitive damages and shall state its reasoning. Any party may request a court to provide interim relief without waiting the agreement to arbitrate. The arbitration shall be in the Hartford Connecticut area. The law applicable will be the laws of the United States and Connecticut without reference to their conflict of laws provisions.

15. TAXES AND DUTIES

CHALP shall be responsible for all costs of materials and goods purchased taxes, stamp duties, license fees and other levies imposed outside Customer's country.

The Customer shall pay all import taxes and charges imposed inside the Customer's country if outside of the United States of America.

16. NOTICES

Any notice given by one party to the other pursuant to the Contract shall be sent in writing by fax or by e-mail or by mail to the address specified below or to such other address as each party may hereafter designate:

If to CHALP:
Eaton's Crouse Hinds
1200 Kennedy Road
Windsor, CT 06095 USA
Phone: 860-683-4389
nirgodel@eaton.com

If to Airport:
Robert Gray Army Airfield

17. TERMINATION BY DEFAULT

In the event that either party shall fail to perform, keep and observe any of the material terms, covenants or conditions herein contained on its part to be performed, kept and observed, the other party may give written notice to correct such condition. If the party in default shall not commence and use diligence to correct or begin to correct such conditions or default within a commercial reasonable time after receipt of such notice, the party giving such notice may in writing forthwith terminate this Contract. No damages shall be awarded upon termination, except that any money due hereunder shall remain subject to collection with costs thereof being charged as appropriate.

18. TERMINATION

Customer or CHALP may, at any time and for any reason, terminate this Contract in whole or in part upon sixty (60) days prior written notice to the other party. If the Customer chooses to terminate a multi-year contract prior to the expiration date, the Customer will be liable for a 5% penalty fee based on the annual rate for each year the contract was in execution with the current year being pro-rated.

19. TRANSFER OF RIGHTS AND OBLIGATIONS

Neither party shall assign, in whole or in part, its rights and obligations to perform under this Contract, except with the other party's prior written consent.

20. MODIFICATIONS OF CONTRACTUAL TERMS

Any amendment of the Contract shall be signed by both Parties.

21. NULLITY CLAUSE

If any clause of the present Contract becomes null or void, this will in no way affect any other provisions of the Contract.

IN WITNESS WHEREOF the parties hereto have executed this Contract effective as of the date first written above.

Cooper Crouse Hinds, LLC.

By: *Allen Zell*
Title: *Business Unit Manager*
Date: *3/27/26*

Airport City of Killeen

By:
Title: Kent Cagle, City Manager
Date:

APPENDIX A

**Airfield Lighting Control and Monitoring System
Preventative Maintenance Inspection Checklist**

Contract _____

Date _____

Tech Name _____

Procedure	Site Locations							
		N/A		N/A		N/A		N/A
Initial for complete - Check for N/A		N/A		N/A		N/A		N/A
01. Cleaning								
Computer Screens								
Keyboards								
All CPU Components								
Equipment Rack								
Digitrac Interface								
02. Diagnostics								
Alarm List Review								
History Review								
Test Digitrac interface & Network								
Test Ethernet Cards & Network								
03. Visually Inspect								
Potential Transformer								
Current Transformer								
Digitrac Interface								
Industrial Computer								
Network Equipment								
Patch Panels								
Peripherals								
UPS								
04. Optimize Performance and Security								
Defrag & Optimize Hard disk								
Calibrate Touch Screen(s)								
Calibrate Digitrac(s)(as needed)								
Update/Backup DCCMS Release								
Antivirus Scan								
DOD SCAP Security Updates								
Windows Security Updates								
05. System Backup								
Computer Backup								

Backup Echelon Network									
06. Logitrac System									
Check CLA's									
Check CLD Communication									
07. MegaTrac System									
Check High Voltage units									
Test using Test Resistance									
08. Drawings Update									
As Installed Mark Up									
09. Complete Service Report									
10. Deliver copy to Customer									

Appendix B

CONSTANT CURRENT REGULATOR TESTING

CCR OUTPUT CURRENT CALIBRATION - CCR HIGH LOAD CURRENT TEST – CCR OPEN CIRCUIT TEST – CCR SHORT CIRCUIT TEST

Airport:

Airport Location:

Date:

Field Service Technician:

Airport CCR # / Circuit Identifier:

CCR Part Number: Choose an item.

CCR Serial Number:

- **High Load Current Test:**

PASS - Indicating "HIGH LOAD CURRENT"

FAIL - See "NOTES" below

- **Open Load Circuit Test:**

PASS - Indicating "OPEN LOAD CIRCUIT" or "LOOP"

FAIL - See "NOTES" below

- **Calibration at High Brightness Setting**

Nominal Output Current Value: Choose an item.



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Initial I OUT A CCR Output: LOADED

Initial Display Value A CCR Output: LOADED

Post Calibrate I OUT A CCR Output: LOADED

Post Calibrate Display Value: A CCR Output: LOADED

- Short Circuit Test, High Step:

PASS Indicating Amps In High Brightness Setting. CCR Output: SHORTED

FAIL Indicating Amps In High Brightness Setting. CCR Output: SHORTED

- Short Circuit Test, All CCR Brightness Steps Operate Within FAA Tolerance:

PASS

FAIL See "Notes" Below

- NOTES:

Appendix C

CONSTANT CURRENT REGULATORS KW LOAD CALCULATION EXAMPLE

CCR Name	Current CCR KW Rating	Output Voltage in High Step	Current in High Step	KW Output in High Step	Optimal CCR KW Rating
CCR A	30	3000	6.6	19.8	30
CCR B	30	5000	6.6	33	Above 30KW
CCR C	30	1000	6.6	6.6	10
CCR D	30	1500	6.6	9.9	15
CCR E	30	2000	6.6	13.2	20
CCR F	20	3000	6.6	19.8	30
CCR G	20	4000	6.6	26.4	30
CCR H	30	1000	20	20	30
CCR I	30	1500	20	30	30
CCR J	30	800	20	16	20
CCR K	30	500	20	10	15



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Airport Lighting
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Phone: (860) 683-4300
Fax: (860) 683-4354
www.chalp.com

Sold-to address
PROJECT
TO BE DETERMINED
SYRACUSE NY 13201
US

Ship-to address
PROJECT
TO BE DETERMINED
SYRACUSE NY 13201
US

Contract Number Date
24314144 12/08/2025
Customer Number
13705
Prepared By
Nir Godel
Validity period
12/08/2025 to 06/30/2026
Project Number
MAINTENANCE CONTRACT
Project Name
GRK
Sales Representative
900000012 / NERSM JIM TEIXEIRA
Customer Service Contact
CSC CCH SYRACUSE Tele: 8667645454 Fax:
3154775153

Incoterms: Pre-Paid FCA ORIGIN PLANT
Payment Terms: Net 30 Days

THIS DOCUMENT INCORPORATES AND IS SUBJECT TO THE ATTACHED TERMS AND CONDITIONS.

Table with columns: Item, Quantity, UOM, Description, Material No, Price, Ext. Value. Includes rows for ALCMS MAINTENANCE CONTRACT LEVEL 2 (years 1-5) and an OPTIONAL ADDER APPARENT.



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Cooper Crouse-Hinds, LLC
Airport Lighting
1200 Kennedy Road
Windsor, CT 06095
Phone: (860) 683-4300
Fax: (860) 683-4354
www.chalp.com

Contract Amount

Contract no./Date
24314144 / 12/08/2025

Project No :
MAINTENANCE CONTRACT
Project Name :
GRK

Product Subtotal	265,850.00
Final amount in USD	265,850.00