

DRIP Committee

From: Tamara A. Paltin
Sent: Monday, March 9, 2026 4:07 PM
To: DRIP Committee
Subject: Fw: Per your request
Attachments: OTC Quote Q11315REV2 TCB Emergency Lighting 3.8.2026.pdf

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From: Moniz, Marvin A <marvin.a.moniz@hawaii.gov>
Sent: Monday, March 9, 2026 3:27:48 PM
To: Tamara A. Paltin <Tamara.Paltin@mauicounty.us>
Cc: Angela R. Lucero <Angela.Lucero@mauicounty.us>
Subject: Per your request

Aloha Councilwoman Paltin,

Please see attached estimated cost for runway lighting project for the Kapalua West Maui Airport. I believe the last cost we got was not covering tax and shipping cost. I will also forward to Rick Nava and Joe Pluta.

Mahalo,
Marvin A Moniz
Airports District Manager
State of Hawaii
Department of Transportation
Maui District Airports
Kahului/Hana/Moloka'i
Kalaupapa/Lana'i/Kapalua

Office: 808-872-3808
Fax: 808-872-3829



Date: 03-08-2026
Customer ID: DOTMAU
Ship Via: FOB Destination PPD/ADD
P/O No.: N/A
Terms: NET30
Quote By: Lia Hunt
Contact: Marvin Moniz

Goldwings Supply Service, Inc.

Native Hawaiian 8a,WOSB,DBE Certified
 PO BOX 11037
 Honolulu, HI 96828
 Phone: (808)833-6020
 www.goldwings-supply.com Cage: 6T708

Bill To:
 DOT AIRPORT (MAU)
 KEVIN MEL. BRUCE
 KAHULUI AIRPORT
 1 KAHULUI AIRPORT RD. UNIT 5
 KAHULUI, HI 96732-2327

Ship To:
 DOT AIRPORT (MAU)
 KEVIN MEL. BRUCE
 KAHULUI AIRPORT
 1 KAHULUI AIRPORT RD. UNIT 5
 KAHULUI, HI 96732-2327

Notes:
 Battery operated emergency lighting with mounting
 Lead time is 14-16 weeks ARO
 Shipping is an estimate, via Surface
 Spec sheets are attached
 CLIN 0001: EMERGENCY AIRFIELD LIGHTING: RW,TW,HS
 CLIN 0002: EMERGENCY HELIPAD LIGHTING: TDZ

Part Number	Description	Your Price Ea.	Qty	Unit	Total
TCB-20290-001W CLIN: 0001	Battery Operated Runway Edge Lights TCB White w/ground stakes (2)	\$1,415.00	32	EA	\$45,280.00
TCB-20290-001B CLIN: 0001	Battery Operated Taxiway Edge Lights TCB Blue w/ground stakes (2)	\$1,415.00	12	EA	\$16,980.00
TCB-20290-001O CLIN: 0001	Battery Operated TW/RW Hold Short Lights TCB Orange w/ground stakes (2)	\$1,415.00	8	EA	\$11,320.00
TCB-PELICAN-PACK CLIN: 0001	Packing / Carry / Storage waterproof TCB Case (12 TCB count, 1 remote, 24 ground stakes)	\$1,678.00	4	EA	\$6,712.00
TCB-REMOTE CLIN: 0001	TCB Remote Control Unit	\$1,500.00	2	EA	\$3,000.00
TCB-HD-MOUNT CLIN: 0001	TCB Heavy Duty Mounts (15lbs) TCIP	\$1,715.00	52	EA	\$89,180.00
TCB-20290-001G CLIN: 0002	Battery Operated Runway Edge Lights TCB Green Helipad w/ground stakes (2)	\$1,415.00	8	EA	\$11,320.00
TCB-PELICAN-PACK CLIN: 0002	Packing / Carry / Storage waterproof Case - Helipad Kit	\$1,678.00	2	EA	\$3,356.00
TCB-HD-MOUNT CLIN: 0002	TCB Heavy Duty Mounts (15lbs) TCIP - Helipad Kit	\$1,715.00	8	EA	\$13,720.00
TCB-REMOTE CLIN: 0002	TCB Remote Control Unit - Helipad Kit	\$1,500.00	2	EA	\$3,000.00

Tax Breakdown: Parts = \$9,606.26, Shipping (In) = \$164.92
Tax Rates: Tax = 4.7120%
Taxed Items: Parts, Shipping (In)

Total Parts: \$203,868.00
Total Other: \$0.00
Total Shipping: \$3,500.00
Total Tax: \$9,771.18
Total Amount: \$217,139.18

Quotes are good for up to 30 days from date of offer, unless otherwise specified.
 A restocking fee of 30% is applied on all qualified items returned within a 10 day period from the date of purchase. Electrical parts, mechanically sensitive items, opened or tampered with products cannot be returned. Tariffs, if any, will be applied at the time of shipment. All tariffs are in addition to the values presented in this quote and to be paid in full by the customer. Customer is fully responsible to ensure correct tax bracket is represented and may be responsible for submitting state tax payments.

SIGNATURE OF ACCEPTANCE: _____

Thank you for the opportunity to be of service, have a great day.



Modernizing Safety. Air. Land. Sea.

Emergency Battery Operated Airfield Lighting System for DOT Kapalua Airfield March 2026

Prepared by: Lia Young Hunt, Goldwings Supply Service, Inc.
808.738.4902 lia@goldwings-supply.com

The Man-Portable Tactical Contingency Beacon is a self-contained rapidly deployable lighting solution for opening austere runways supporting civilian, military and humanitarian operations.

The TCB is designed to austere airfield missions, reliable and rapidly deployable lighting is critical to continuing air operations and mission success. The Tactical Contingency Beacon (TCB) is needed to bridge the gap in existing lighting systems, providing a secure, man-portable, and versatile means of signaling in remote or degraded environments. Integration of the TCB throughout various departments and its potential to enhance mission success remains underexplored. A kit has been with PACAF C-17 535th Airlift Squadron since 2023

Problem: Inadequate Airfield Lighting Austere or auxiliary Fields

Existing lighting systems are outdated, burdened by unnecessary materials that increase weight, volume, and cost. These inefficiencies lead to delays, misalignment of efforts, and hinder unity of action between Civilian, DOD forces and interagency partners, compromising mission success and increasing operational risks.

Solution: Tactical Contingency Beacon

The Tactical Contingency Beacon (TCB) is a robust, rapidly deployable LED lighting system designed for the harshest environments. It features long-lasting overt and covert LED technology, encrypted remote activation, and indefinite mesh network. The TCB accelerates the opening and operating the airfield with minimal logistical burden. It meets FAA, ICAO, and military standards for compatibility with aviation operations and ensures stability even in high winds or jet wash conditions, thanks to the multi-mount capabilities. The TCB enhances visibility, security, and mission success. Its user-friendly, toolless entry, and long battery life make it an indispensable asset for evolving challenges of modern missions. The kits have been used at Red flag and northern lighting exercises and used in PACAF with USAF C-17

Each light can be white, red, blue, amber, green and IR

- 52 lights open a 3000ft x 200ft Runway (2 spare) and Two Minimal Taxiways, Four Hold-Short RW/TS Intersects
 - 1 Controller (1 spare)
 - 2 Ground stakes per light
 - 4 Case for lights (12) and controller
 - 52 HD weighted bases 15 lbs
 - AMP3 UFC-3-260-01 defined
- 8 light Kit to support 2 Emergency Helipads

- 2 controllers 1 is a spare
- 2 Ground stakes per light
- 2 cases for lights and controllers
- 8 weighted bases 15 lbs (8 large pelican cases)



Figure 1- light in weighted mount 15 lbs



TCB

Tactical Contingency Beacon



domestic and foreign components

The Patriot Taxiway Industries Tactical Contingency Beacon (TCB) is a versatile **man-portable** light weighing only **5.27 oz. (with batteries)** or **2.84 oz. (without batteries)** landing light system that allows rapid deployment for fixed and rotary wing aircraft. The light output enables the pilot to identify landing areas or drop zones at night at distances of up to 5kms. **Operational capability meets UFC-3-260-1, NATO STANAG-3534 and FAA 150/5345-50B**



- Built in antennas
- Full half Hemisphere Lighting
- IR LED
- Battery (3 x AA any type)
- Leave behind function
- Built in Attachment points

TCB

Tactical Contingency Beacon



Optics
<p>Omnidirectional LED Lifespan: 100,00 Hours Colors: White, Yellow, Green, Red, Blue and IR Mode: Steady / Flash / Dusk Till Dawn NVG: Compatible with ultra low visible LED indicator</p>
Battery
<p>Three (3) - AA Alkaline, Lithium or rechargeable User Replaceable, tool less entry Battery level indicator (3 LED's) Air Transportable</p>
Battery Life (Alkaline)
<p>Colors: + 12 Hours (steady) / +35 hours (flash) IR: +16 Hours (steady) / +50 Hours (Flash)</p>
Battery Life (Lithium)
<p>Colors: + 8 Hours (steady) / +41 hours (flash) IR: +22 Hours (steady) / +56 Hours (Flash)</p>
Light Intensity
3-Step per Engineering Brief 67D
Remote Activation and Control
<p>Built in Wireless antenna LongRange Wireless (AES 127-Bit Encryption) Operating Frequency: Sub 1 GHz Operating Range: Line of site: 1,600 meters (5,200 feet) Indefinite distance under mesh network configuration</p>

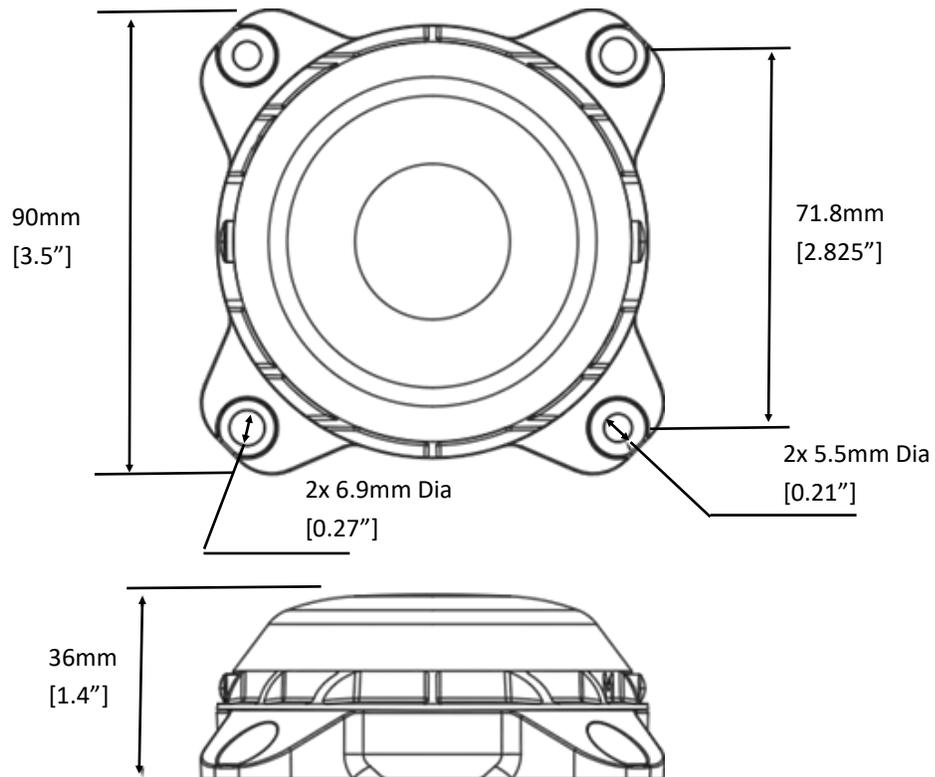
Properties																		
<p>Weight:80.5g (2.84oz without batteries) Weight: 149.5g (5.27oz with batteries) Dimensions: 90 x 90 x36 mm (3.53 x 3.53 x 1.40in) Materials: Body: High-tech Polymer, chemical and UV Stabilized Dome: High-impact Polycarbonate, UV Stabilized Fastening Anchors; (2) 1/4" concrete anchors (2) 3/16" stakes x 6.5" long</p>																		
Environmental Condition																		
<p>Operating Temperature: - 30 Deg C to +65 Deg C Ingress Protection: IP-67 Wind Speed: 160kph (100 mph anchored)</p>																		
Compliance																		
<table border="0"> <tr> <td>ICAO</td> <td>Anex 14 Vol 1, 5.3.2 Emergency Lighting</td> </tr> <tr> <td>FAA</td> <td>Advisory Circular AC150/5345-50 Specification for Portable Runway and Taxiway Lights</td> </tr> <tr> <td>Photometrics</td> <td>UFC-3-260-1 NATO 3534 STANAG FAA</td> </tr> <tr> <td>Chromaticity</td> <td>EB67FD</td> </tr> <tr> <td>Accelerated Life</td> <td>FAA EB67D</td> </tr> <tr> <td>Temperature</td> <td>MIL STD 810G</td> </tr> <tr> <td>Rain</td> <td>MIL STD 810G</td> </tr> <tr> <td>Sand & Dust</td> <td>MIL STD 810G</td> </tr> <tr> <td>CE Declaration of Conformity</td> <td>2104/53/UE Red Directive Clauses 3.1a, 3.1b 3.2 2011/65/UE ROHS Directive Clause 4.1</td> </tr> </table>	ICAO	Anex 14 Vol 1, 5.3.2 Emergency Lighting	FAA	Advisory Circular AC150/5345-50 Specification for Portable Runway and Taxiway Lights	Photometrics	UFC-3-260-1 NATO 3534 STANAG FAA	Chromaticity	EB67FD	Accelerated Life	FAA EB67D	Temperature	MIL STD 810G	Rain	MIL STD 810G	Sand & Dust	MIL STD 810G	CE Declaration of Conformity	2104/53/UE Red Directive Clauses 3.1a, 3.1b 3.2 2011/65/UE ROHS Directive Clause 4.1
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TCB

Tactical Contingency Beacon



Dimensions

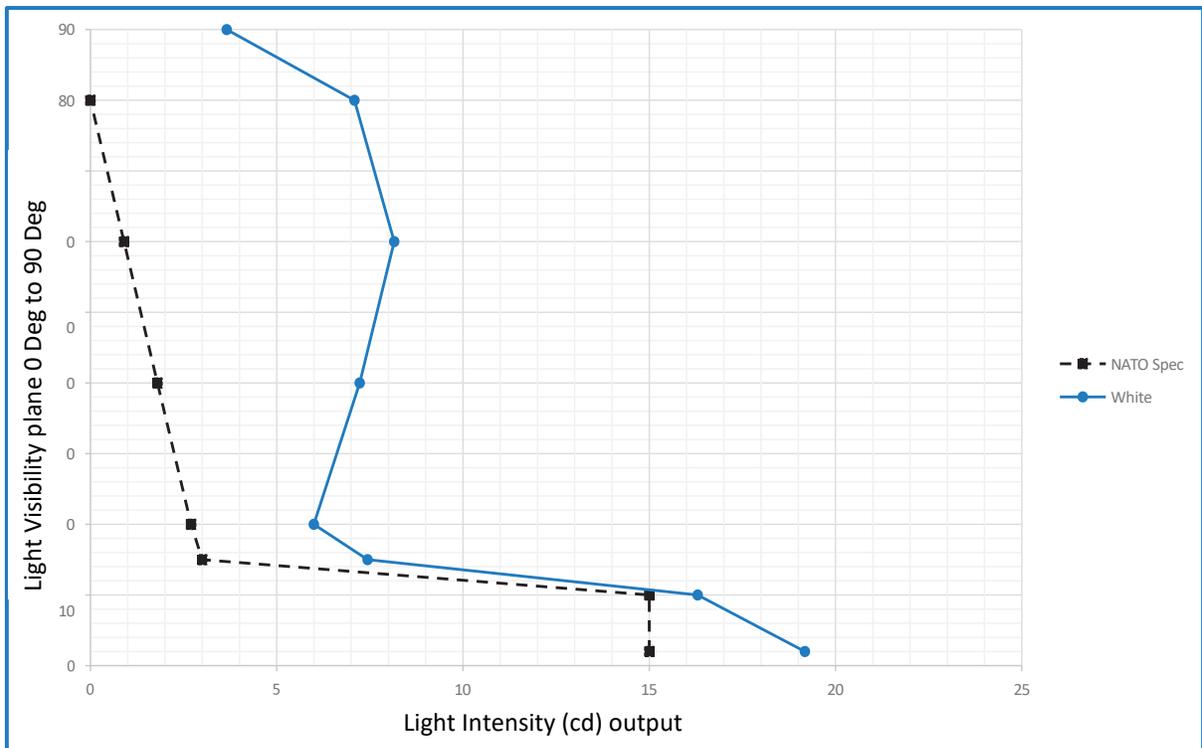


TCB

Tactical Contingency Beacon



Photometric Performance



Average intensity captured omnidirectional from 2 Deg to 10 Deg vertically.

Output in compliance to FAA AC150-5345-50B

NOTE—@ 90 Deg light emission is still visible



AS9100 Rev D
ISO 9001:2015

TCB

Tactical Contingency Beacon



Photometric Performance

FAA 150/5345-50B Portable Lights

All photometric requirements for the FAA meet as see in table below. While the white uses an FAA specific current all other colors (Green, Red, Blue and Yellow) stay the same as those used for NATO/UFC.

FAA AC 150/5345-50B										
Degree	Req.	White	Req.	Green	Req.	Red	Req.	Blue	Req.	Yellow
0-6	20	20.9	6.2	6.9	1.8	4.0	1.4	2.1	6.2	7
6-9	10	23.1	3.1	7.8	0.9	4.7	0.7	2.8	3.1	6.5
9-14	2	9.2	0.62	3.4	0.18	2.0	0.14	1.2	0.62	3.4

Radiometric

Radiometric testing was conducted by Elite Electronic Engineering Inc. Complete test report attached available in full report. At high intensity the fixture meets the NVIS requirements in all three measured conditions (Flashing, Effective Intensity, and Steady).

NR1b [mW/Sr]			
	Min	Tested	Max
Flashing	5	12.459	20
Flashing (Effective Intensity)	5	8.087	20
Steady	5	12.681	20

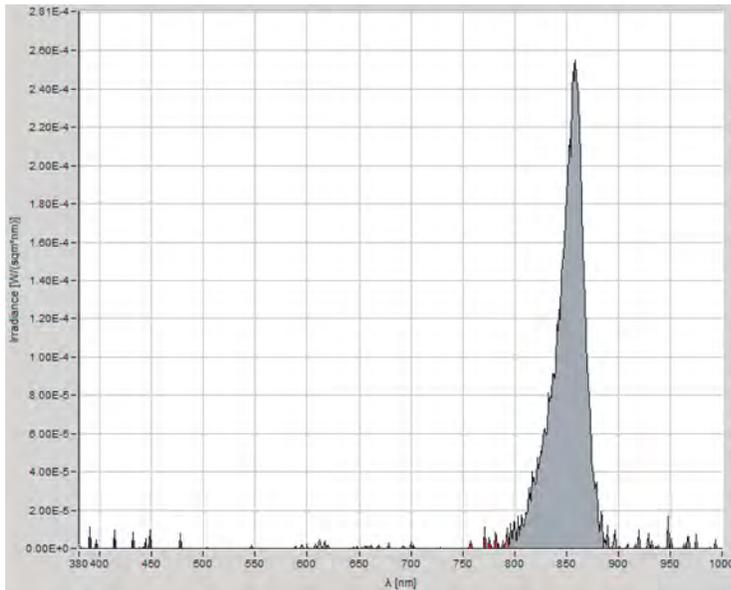


TCB

Tactical Contingency Beacon



IR Output—Compatible with AN/AVS-9 Class B and C Night Vision Devices (NVD)



Remote Quick Operation Guide

Power ON/OFF Remote

Press 'ON/OFF' to turn remote ON.

'STDY' and 'FLASH' LED will blink.



Select 'ALL' Lights

Press 'Select ALL', to select all available fixtures regardless of color or operating mode.

All Color and 'STDY' / 'FLASH' LED will illuminate.



Select Specific Color(s) & Ops Mode

Press desired color(s) and either 'STDY' or 'FLASH'.

Color(s) and 'STDY' or 'FLASH' LED will illuminate.

Repeat for different color or mode.



-or-

Turn ON/OFF Lights

Press 'LIGHT PWR' button.

Selected lights will turn On/OFF.



Change Intensity

Press 'INT' button to cycle through all three (3) intensities:

- Low
- Medium
- High

'INT' LED will illuminate.



Enter Covert Mode

Press and hold 'IR' button for 5 seconds.

Lights will enter covert mode, 'IR' LED will blink two (2) times.



Exit Covert Mode

Press and hold 'LIGHT PWR' button for 2+ seconds.

Lights will revert back to their last configuration, 'IR' LED will blink two (2) times.



Switch Light Mode

Press and hold for 5 seconds the desired mode button ('STDY' or 'FLASH')

Note: Once fixtures change mode. Select new mode button to further communicate.

