Sketch 2 – Bill of Material

The color of the light output for the FATO and TLOF are selected in accordance

with Transport Canada CAR Part III, Standard 325 – Heliports.

The lights on a separate FATO will be white light output. 325.33.8.c.i.

The lights on a separate TLOF will be yellow light output. 325.33.10.b.iii.

The lights for the approach/take-off lights, if any, will be yellow light output. 325.33.2.f

Sketch 2A: Typical system for a concrete landing surface on 120V AC power.

Sketch 2B: Typical system for a concrete landing surface on 24V DC solar power.

**SKETCH 2A**

Letter Description Quantity Product Download Catalog

 A FATO Perimeter Light 16 PRL-97004-1C-W-PLS-NC-VB HL115PRLv4

 B Surface Floodlight 4 PSF-53063-6-T-PLS-V HL208PSF

 C TLOF Perimeter Light 8 PRL-97004-1C-Y-PLS-NC-VB HL115PRLv4

 D Internally Lighted Wind Cone 1 PWC-8075L-AC-ON-HBA-B-JB (ground) WC110PWC

 PWC-8065L-AC-ON-FF-B-G-SM-T (roof)

 E Approach Path Indicator 1 HAPI-89001-1-F-PLS HL270HAPI

 HAPI Programmer 1 PL11248-HAPI

 F Vertical Alignment System 1 VAGS-89021-1-F-PLS HL275VAGS

 VAGS Programmer 1 PL11248-VAGS

 G Heliport Identification Beacon 1 PHB-37002-W-1-MA-C066-NC HL315PHBv2

 H Lighting System Controller 1 PHC-66002-AC-BC-HC-HWC-VC HL409PHC

 Notes: 1. Perimeter lights include 3-step brightness control and night vision compatibility.

 2. Surface floodlights include 3-step brightness control and visor.

 3. HAPI and VAGS controls are in the PHC system controller.

 4. For a second preferred approach, add another HAPI and VAGS.

 5. The PHC system controller includes Heliport Web Control via Ethernet cable and color touchscreen.

 6. Specify POL-21005-1B-R-34B-NC-S2-P obstruction lights for all buildings and obstacles.

                    **SKETCH 2B**

Letter Description Quantity Product Download Catalog

 A FATO Perimeter Light 16 PRL-97004-4C-W-PLS-NC-VB HL115PRLv4

 B Surface Floodlight 2 PSF-53062-3-T-PLS-V HL208PSF

 C TLOF Perimeter Light 8 PRL-97004-4C-Y-PLS-NC-VB HL115PRLv4

 D Internally Lighted Wind Cone 1 PWC-8075L-3-ON-HBA-B-JB (ground) WC110PWC

 PWC-8065L-3-ON-FF-B-G-SM-T (roof)

 E Approach Path Indicator 1 HAPI-89001-3-F-PLS HL270HAPI

 HAPI Programmer 1 PL11248-HAPI

 G Heliport Identification Beacon \* 1 PHB-37002-W-3-M-NC-SOL (Solar) HL315PHBv2

 with Solar Power System

 Alternate:

 Heliport Identification Beacon \* 1 PHB-37002-W-1-M-NC-P (120V AC)

H Solar Lighting System Controller 1 HSOL-HC-(job number) HL402HSOL

 with Radio Controller (required) Includes PRC-65001-DC-xxx.xxx

 \* The PHB is intended to aid the pilot to locate the site from a long distance. It should operate all night

 separate from the solar powered heliport lighting. It should be installed on a high point such as the tallest

 building visible in 360-degrees. The PHB will be on its own solar power supply or may be 120V AC that is

 switched by FAA photocontrol PPC-40700-1-34T (option -P). In both cases the operation will be automatic.

 Notes: 1. Perimeter lights include 3-step brightness control and night vision compatibility.

 2. Surface floodlight includes visor.

 3. HAPI controls are in the HSOL system controller.