Sketch 3 – Bill of Material

Sketch 3A: When the TDPM circle is lighted as the TLOF and the FATO is lighted.

Sketch 3B: When the TDPM circle is not lighted, the TLOF & FATO are the same. This perimeter is considered

to be the TLOF and the FATO is eliminated per ICAO Vol II, paragraph 5.3.7.1.

The aiming point is an optional replacement for the TDPM circle

When there are both TLOF and FATO perimeter light as in Sketch 3A, the light output for the FATO is white and

for the TLOF is green in accordance with ICAO Annex 14, Volume II – Heliports.

 When there is only a lighted TLOF as in Sketch 3B, the perimeter lights are green in accordance with

Figure 5-11, Illustration 6. The white aiming point marking is an optional replacement for the TDPM circle.

The six (6) aiming point lights are white in accordance with Figure 5-11, Illustration 5.

**SKETCH 3A**

Letter Description Quantity Product Download Catalog

 A FATO Perimeter Light 16 PRL-97004-2H-W-PLS-NC-VB HL115PRLv4

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

 C TLOF Perimeter Light 8 PRL-97004-2C-G-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-M HL315PHBv2

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

**SKETCH 3B**

Letter Description Quantity Product Download Catalog

 A TLOF Perimeter Light 16 PRL-97004-2C-G-PLS-NC-VB HL115PRLv4

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

 C Aiming Point Light (optional) 6 PRL-97004-2H-W-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-M 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.