



POINT LIGHTING CORPORATION

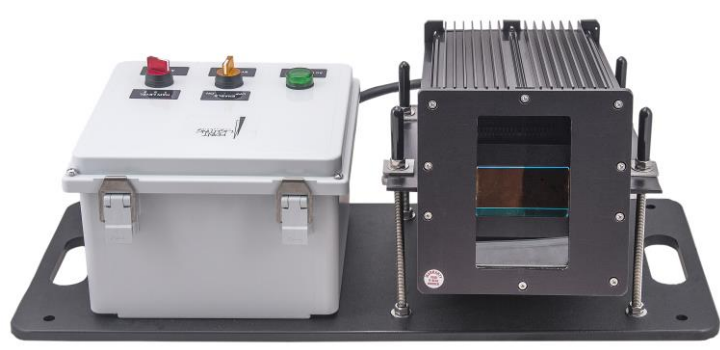
POINT HELIPORT LIGHTING PORTABLE HAPI LED HELICOPTER APPROACH PATH INDICATOR

Compliances: ETL Listed to UL 1598A Marine Vessels, IP66 & IP67
 ETL Listed to CSA C22.2 No. 137-M1981 & No. 250.0-08 Canada
 ETL Listed to UL 1598 at -40 deg C to +55 deg C
 ICAO Annex 14, Volume II, Chapter 5
 American Bureau of Shipping (ABS) Type Approval
 FAA AC 150/5390-2C, paragraphs 219, 318 & 418
 ONGC (India) FS-4044, paragraph 6.6
 Registered ISO 9001:2015



HAPI is a system for use as visual slope guidance on heliports. One HAPI system is for one helicopter approach path. It is installed on the side opposite the approach, facing across the landing area. Digital leveling and aiming by means of a handheld field programming device. The portable HAPI normally operates on its rechargeable internal battery for up to eight 15-minute landing cycles.

HAPI-89001-3-C082







PORTABLE HAPI

READY FOR DEPLOYMENT DIRECTLY FROM THE CASE



HAPI COMPLETE WITH
WHEELED HARD CASE



- HAPI SIGNALS:
-  Flashing – Above Slope
 -  On Slope
 -  Slightly Below Slope
 -  Flashing – Below Slope

Important Note:
 The HAPI system is a visual slope guidance aid to assist the pilot in aligning the aircraft for approach to landing. It does not replace the pilot's judgment, skill and responsibility to land the aircraft safely with or without this visual aid.



PORTABLE HAPI FEATURES

- ✓ Factory preassembled ready to deploy
- ✓ Rugged carrying case with handles & wheels
- ✓ Normally operates on internal rechargeable battery
- ✓ Charging cable also allows for operation on 96 – 265V AC power
- ✓ Timer allows for a 15-minute landing cycle & automatically turns off
- ✓ Eight (8) landing cycles per battery charge
- ✓ Includes handheld programmer for leveling & approach slope angle
- ✓ Legs adjust to the desired approach slope angle
- ✓ Rigid mounting plate for carrying, weighting or staking

Weight HAPI without case:	53 lbs	24.0 kg
Weight empty case:	43 lbs	19.5 kg
Weight Total for Transport:	97 lbs	43.5 kg

HAPI Slope Adjustment:	0° to 15°
Brightness Control:	Three (3) steps
HAPI Alarms:	Flasher Failure LED Array Failure Alignment



View our YouTube slide show & flight test video of the Portable HAPI

Please follow Point Lighting Corporation on:

FACEBOOK INSTAGRAM YOUTUBE LINKEDIN



HAPI-89001-3-C082
Rear View



PL11248-HAPI
SYSTEM PROGRAMMER

Plugs into the rear of the HAPI unit for leveling and for setting of the aiming vertical angle.

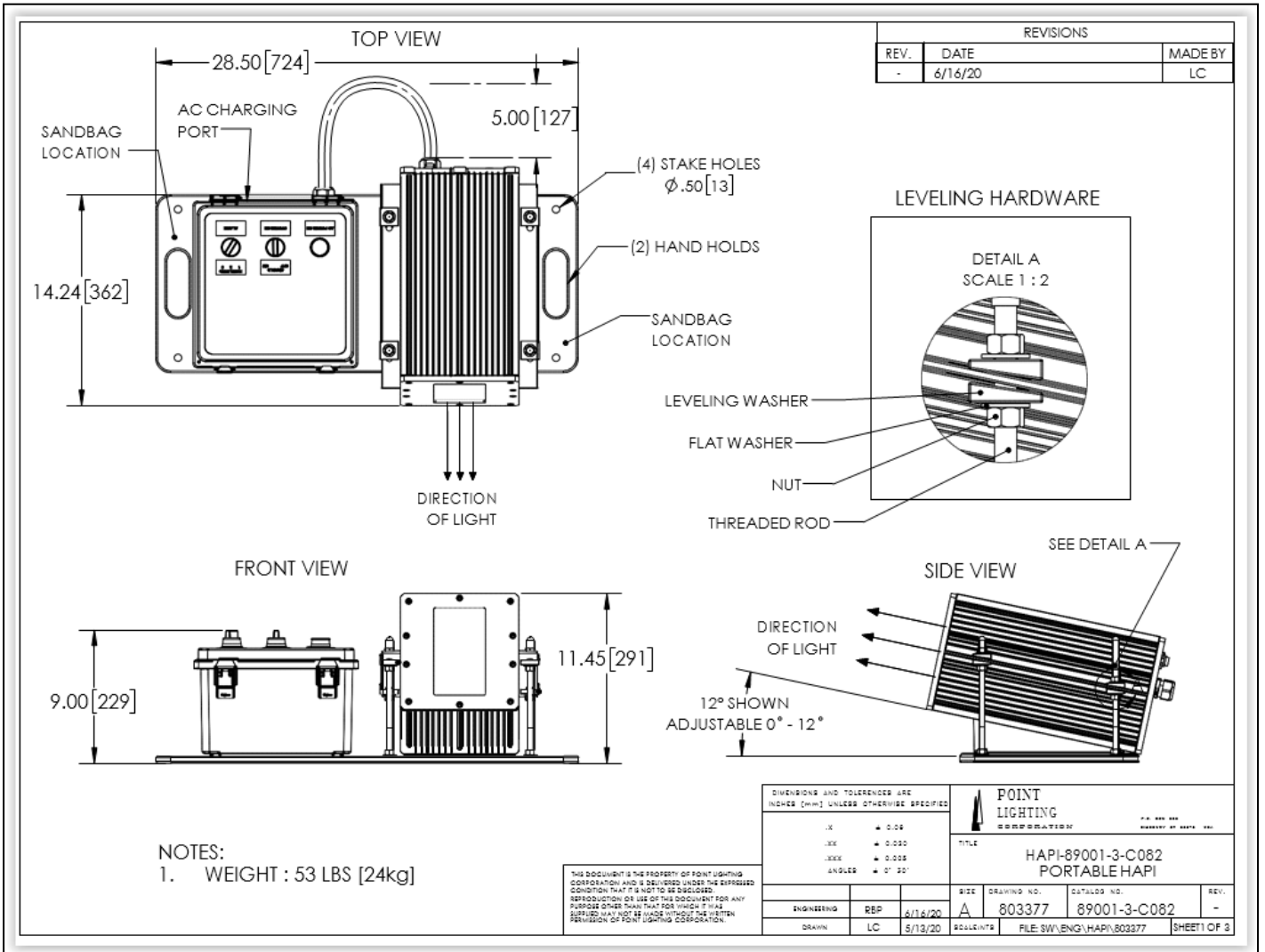


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HAPI LEG ASSEMBLY DETAIL
SHOWING BEVELED WASHERS FOR
POSITIVE MECHANICAL CONTACT

THE LEGS ADJUST FOR SETTING THE
APPROACH ANGLE DESIRED BY THE
PILOTS USING THE SYSTEM



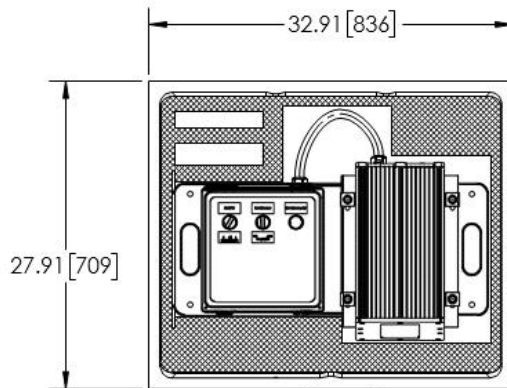
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PORTABLE HAPI
TRANSPORT CASE
WITH WHEELS & HANDLES

REVISIONS			
REV.	DESCRIPTION	DATE	MADE BY
-	INITIAL RELEASE	6/16/20	LC

TRANSPORT CASE WITH CUSTOM INSERT







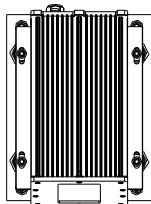
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DIMENSIONS AND TOLERANCES ARE INCHES (MM) UNLESS OTHERWISE SPECIFIED				POINT LIGHTING CORPORATION	
.X	± 0.05	 POINT LIGHTING CORPORATION <small>10000 W. 100th Ave. Suite 100, Denver, CO 80231</small>		TITLE	
.XX	± 0.005			HAPI-89001-3-C082	
.XXX	± 0.002			PORTABLE HAPI	
ANGLES	± 0° 20'			DRAWING NO. 803377	
ENGINEERING	RBP	DATE	6/16/20	CATALOG NO.	89001-3-C082
DRAWN	LC	DATE	5/13/20	REV.	-
SCALE/INCHES				FILE: SW\ENG\HAPI\803377	SHEET 2 OF 3



HAPI-89001

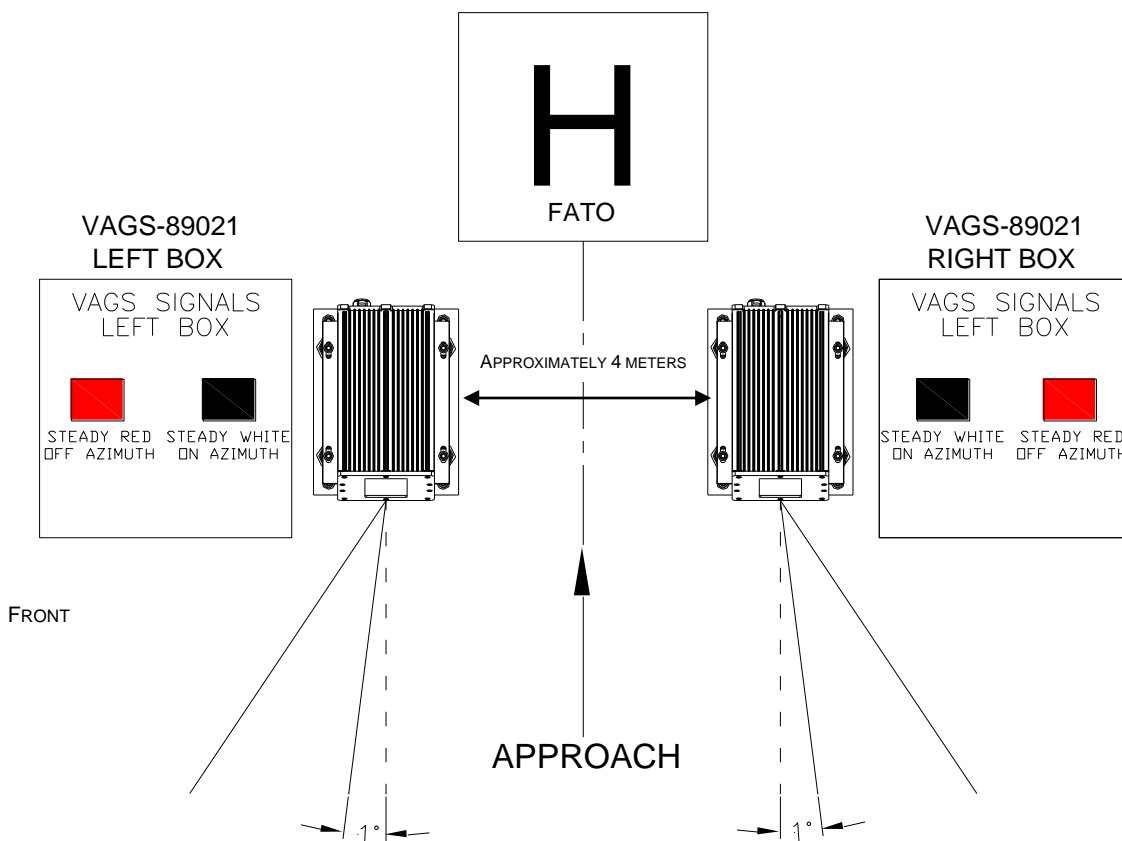
HAPI SIGNALS	
	FLASHING GREEN TOO HIGH
	STEADY GREEN ON SLOPE
	STEADY RED BELOW SLOPE
	FLASHING RED TOO LOW



AIMING:

If the HAPI system is installed with a VAGS system, both systems should be aimed at the same vertical angle. We recommend an On Slope vertical angle setting between 5 and 10 degrees. The HAPI angle must be set so the transition line to flashing red allows the aircraft to clear any obstacles in the approach path.

Not to Scale



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