

## Aircraft Flight Manual Supplement

### DESCRIPTION

The MaxPulse Landing Light Controller gives the pilot complete control of two landing or clearance light circuits. The light circuits, referenced as Port and Starboard in this document, may not necessarily be located in those positions. This is dependent upon the model of the aircraft and will have been predetermined during the installation of the MaxPulse controller.

The landing lights may be located on the Port and Starboard ends of the wings, in the middle of both wings, a single light in the nose wheel cowling, one light on either wing or one in the nose cowling and a wing. The pilot should locate these lights and familiarize him/herself with their location during ground inspection and establish that they are not defective and are functional with this procedure.

For future reference, this MaxPulse Aircraft Flight Manual Supplement should be retained in the basic aircraft manual.

**Limitations:** Do not operate MaxPulse Landing Light Controller in IMC conditions.

### FUNCTIONAL OPERATION

To begin a functional checkout, place the MaxPulse rotary switch in the FIRST position. This sets the MaxPulse to its off position.	<b>X</b>
MaxPulse in SECOND position The Starboard light should come on and remain on.	<b>S</b>
MaxPulse in THIRD position The Port light should come on and remain on.	<b>P</b>
MaxPulse in FORTH position. The Port and Starboard lights should come on and remain on.	<b>P+S</b>
MaxPulse in FIFTH position The Port and Starboard lights should alternate on and off 44 times per minute.	<b>A44</b>
MaxPulse in SIXTH position Both Port and Starboard lights should turn on and off 44 times per minute	<b>B44</b>
MaxPulse in SEVENTH position The Port and Starboard lights should alternate on and off 88 times per minute.	<b>A88</b>
MaxPulse in EIGHTH position The Port and Starboard lights should alternate on and off 120 times per minute.	<b>A120</b>

- X** OFF
- S** Starboard Circuit On
- P** Port Circuit On
- P+S** Port and Starboard Circuits Both On
- A44** Alternate Circuits 44 Times/Minute
- B44** Both Circuits turn on and off 44 Times/Minute
- A88** Alternate Circuits 88 Times/Minute
- A120** Alternate Circuits 120 Times/Minute



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