

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

OBSERVATION:

Upon completion of the installation, perform the functional test procedure. During the functional test, the following actions and observations should be made.

The installer should check each communication, navigation, or surveillance radio receiver in the airplane following the pulse light controller installation. For radio receivers that can be tuned to multiple channels, tune the receiver to low, mid and high channels. For all other radio receivers in the airplane, turn on the radios and monitor the audio output or displays for interference when the pulsing light controller is turned on. If adverse interference is noted on the radio audio output or displays and trouble shooting does not uncover errors in the installation or wire routing, remove the pulse light controller from the airplane.

The MaxPulse has passed the RTCA/DO-160E Sec 21 testing for electromagnetic emissions/interference and it is extremely unlikely that any interference should occur.

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TEST PROCEDURE

Check

Rotate the MaxPulse rotary switch fully counter clockwise to the FIRST position	X	
Turn the Master Power Switch to the ON position. The light circuits should be off.	ON	
Rotate the MaxPulse switch clockwise to the SECOND position The Starboard light should come on and remain on.	S▶	
Rotate the MaxPulse switch clockwise to the THIRD position The Port light should come on and remain on.	◀P	
Rotate the MaxPulse switch clockwise to the FORTH position The Port and Starboard lights should come on and remain on.	P+S	
Rotate the MaxPulse switch clockwise to the FIFTH position The Port and Starboard lights should alternate on and off 44 times per minute.	A44	
Rotate the MaxPulse switch clockwise to the SIXTH position Both Port and Starboard lights should turn on and off 44 times per minute.	B44	
Rotate the MaxPulse switch clockwise to the SEVENTH position The Port and Starboard lights should alternate on and off 88 times per minute.	A88	
Rotate the MaxPulse switch clockwise to the EIGHTH position The Port and Starboard lights should alternate on and off 120 times per minute.	A120	
Return the Master Power Switch to the OFF position. Test Complete	OFF	

Airworthiness Limitations

The Airworthiness Limitations section is FAA approved and specifies maintenance required under Sections 43.16 and 91.403 of the FAR's unless and alternative program has been FAA approved.

Airworthiness Limitation: MaxPulse 9200-000-A Controller, manufactured by Seaton Engineering Corporation, has no repairable parts and if a failure occurs, the part must be replaced in its entirety.



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