

United States of America
Department of Transportation Federal Aviation Administration
Supplemental Type Certificate

Number SA01861SE

This certificate, issued to

Seaton Engineering Corp.
217 West Garden Court
Spokane, WA 99208

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part * of the * Regulations.

Original Product—Type Certificate Number:

See attached Approved Model List (AML)

Make:

No. SA01861SE for list of approved aircraft

Model:

models and applicable airworthiness regulations

Description of the Type Design Change: Fabrication and installation of Landing Light Controller in accordance with Seaton Engineering Corp. FAA-approved Master Drawing, document 9750-005, Revision C, dated June 3, 2008, or later FAA-approved revision. This modification must be inspected and maintained in accordance with the FAA-approved Instructions for Continued Airworthiness (ICA), document number 9150-008, Revision C, dated July 17, 2008, or later FAA-approved revision.

Limitations and Conditions: Approval of this change in type design applies to only the aircraft listed on the approved model list. This approval should not be extended to models on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. Aircraft modified in accordance with this STC must be operated in accordance with a copy of the FAA-approved Aircraft Flight Manual Supplement, document number 9150-009, Revision B, approved on July 18, 2008. A copy of this certificate, the AFMS, and the ICA, or later FAA-approved revisions, must be maintained as part of the permanent records of the modified aircraft.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 23, 2007

Date reissued: December 1, 2011

Date of issuance: July 23, 2008

Date amended:



By direction of the Administrator

[Signature]
(Signature)

Acting Manager, Seattle Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.
This certificate may be transferred in accordance with FAR 21.47.

MaxPulse Physical/Electrical/Operational Specifications

Voltage Range: 12 to 35VDC
Max Current: 10 A Per Circuit
Capacity Per Circuit:
 120 Watts @ 12 VDC
 240 Watts @ 24 VDC
 280 Watts @ 28 VDC

Operating Temperature Range: -20°C to +50 °C

Internal Temperature Protect: +85 °C

Storage Temperature: -40°C to +100°C

Maximum Internal Temperature: @20 A +15 °C above Ambient.

Enclosure Material: Bayer FR110 Resin Meets UL 94
 Flame Rating: V-2 (0.03in) V-0 (0.059in) 5VB (0.098in)
 5VA (0.13in)

MaxPulse Eight Function Modes:

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

APPROVALS

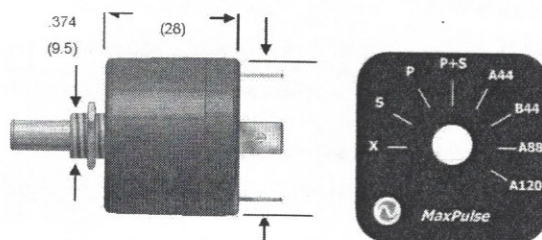
FAA PMA STC SA01861SE

RTCA/DO160E Qualified

Ordering:

MaxPulse P/N 9200-000-A Push on Terminals

MaxPulse P/N 9200-000-B Screw on Terminals



Weight: 1 oz (28g)



Seaton Engineering Corp.

Covers MaxPulse 9200-000-A and B

Document	Rev:	Date	Page
9150-001	G	6/22/2009	5 of 5