



Department of Transport

Supplemental Type Certificate

This approval is issued to:

Electronics International Inc.
63296 Powell Butte Highway
Bend, Oregon
United States of America 97701

Number: SA18-50

Issue No.: 1

Approval Date: April 16, 2018

Issue Date: April 16, 2018

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

See Fleet Eligibility List

Canadian Type Certificate or Equivalent:

See Fleet Eligibility List

Description of Type Design Change:

Installation of an Electronics International, Inc. MVP-50T Glass Panel Engine Monitor in accordance with FAA STC SA02135SE.

**Installation/Operating Data,
Required Equipment and Limitations:**

Installation:

For those aircraft on the SA18-50 Fleet Eligibility List, installation must be in accordance with the FAA approved Electronics International Inc. Installation Instructions Document No.: II 1211061, Revision D, dated June 5, 2011, or later FAA approved revision.

Operation:

For those aircraft on the SA18-50 Fleet Eligibility List, operation must be in accordance with the FAA approved Electronics International Inc. Pilot's Operating Handbook/ Aircraft Flight Manual Supplement No. 06271101, Revision IR dated June 27, 2011, or later FAA approved revision.

Maintenance:

For those aircraft on the SA18-50 Fleet Eligibility List, maintenance must be in accordance with the FAA accepted Electronics International Inc. Instructions for Continued Airworthiness Document No.: 06201101, Revision A, dated June 23, 2011, or later FAA accepted revision.

Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.



R.A. Goossens
For Minister of Transport

*(Continuation Sheet)*

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NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

Basis of Certification:

For those non-affected areas, as defined in the aircraft's Type Certificate Data Sheet.

For those affected areas:

| 14 CFR Part | Amendment | 14 CFR Part | Amendment |
|-------------|-----------|-------------|-----------|
| 23.853 | 49 | 23.1165 | 34 |
| 23.1301 | 20 | 23.1309 | 49 |
| 23.1311 | 49 | 23.1321 | 49 |
| 23.1322 | 43 | 23.1326 | 49 |
| 23.1331 | 43 | 23.1337 | 49 |
| 23.1351 | 49 | 23.1357 | 43 |
| 23.1365 | 49 | 23.1381 | 0 |
| 23.1431 | 49 | 23.1543 | 49 |
| 23.1549 | 43 | 23.1551 | 0 |
| 23.1553 | 49 | | |

- END -



NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

SA18-50 FLEET ELIGIBILITY LIST

| <u>MAKE</u> | <u>MODEL (CDN./U.S. TC#)</u> |
|---------------------------|---------------------------------|
| Air Tractor | AT-402(A-207/ A17SW) |
| Air Tractor | AT-402A(A-207/ A17SW) |
| Air Tractor | AT-402B(A-207/ A17SW) |
| Air Tractor | AT-502(A-164/ A17SW) |
| Air Tractor | AT-502A(A-164/ A17SW) |
| Air Tractor | AT-502B(A-164/ A17SW) |
| Air Tractor | AT-504(A-164/ A17SW) |
| Air Tractor | AT-602(A-194/ A19SW) |
| Air Tractor | AT-802(A-194/ A19SW) |
| Air Tractor | AT-802A(A-194/ A19SW) |
| Pacific Aerospace Limited | 750XL(A-243/ A50CE) |
| Pilatus | PC-6/ A(A-78/ 7A15) |
| Pilatus | PC-6/ A-H1(A-78/ 7A15) |
| Pilatus | PC-6/ A-H2(A-78/ 7A15) |
| Pilatus | PC-6/ B-H2(A-78/ 7A15) |
| Pilatus | PC-6/ B1-H2(A-78/ 7A15) |
| Pilatus | PC-6/ B2-H2(A-78/ 7A15) |
| Pilatus | PC-6/ B2-H4(A-78/ 7A15) |
| Textron Aviation | 208(A37CE/ A37CE) |
| Textron Aviation | 208B(A37CE/ A37CE) |
| Thrush Aircraft | S2R-G1(A-105/ A4SW) |
| Thrush Aircraft | S2R-G10(A-105/ A4SW) |
| Thrush Aircraft | S2R-G5(A-105/ A4SW) |
| Thrush Aircraft | S2R-G6(A-105/ A4SW) |
| Thrush Aircraft | S2R-T15(A-105/ A4SW) |
| Thrush Aircraft | S2R-T34(A-105/ A4SW) |
| Thrush Aircraft | S2R-T660(A-105/ A4SW) |
| Viking Air Limited | Turbo DHC-2 Mk.I(A-22/ A-806) |
| Viking Air Limited | Turbo DHC-2 Mk.II(A-22/ A-806) |
| Viking Air Limited | Turbo DHC-2 Mk.III(A-22/ A-806) |
| Viking Air Limited | Turbo DHC-3(A-27/ A-815) |