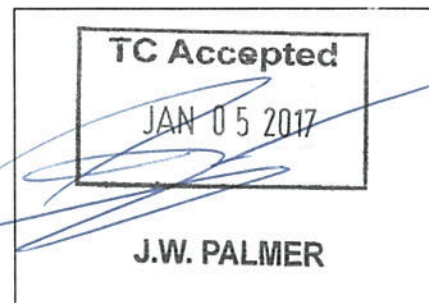


200 Series Instruments - ICA

Instructions for Continued Airworthiness

Aerospace Logic Inc.
684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA
Tel. 416-628-0725 | www.aerospacelogic.com



200 Series Instruments - ICA

1. Table of Contents

SECTION	DESCRIPTION	PAGE
2	List of Effective Pages	3
3	Revision History	3-4
4	Applicable Products	5-16
5	Airworthiness Limitations	17
6	Maintenance Instructions	17

200 Series Instruments - ICA

2. List of Effective Pages

This document is controlled and revised as a complete unit and does not contain pages of various revision. All pages are of the same revision as indicated on the cover page and each subsequent page.

The effective pages consist of the sections as noted in the Table of Contents. Certain pages contain multiple sections and are indicated as such.

3. Revision History

Date	Rev	Detail	By
12/02/09	1.0	Initial document release	SG
04/27/10	1.1	Format and content changes Document structure List of Effective Pages Revision History Applicable Part Numbers Airworthiness Limitations Statement	SG
05/04/10	1.2	Page 12, remove item 6.3, renumber 6.4 as 6.3	SG
10/04/12	1.3	Added products: ECT204XXXX, FF200X, FF202X, FL2X1, FL202G, MF200X, MP200X, MT200X, TM202X – No changes to original airworthiness conditions. Products are ordered by part number. Changed product numbering to correspond. Added A200-HMR to existing product TM200X.	SG

Aerospace Logic Inc.

684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA
Tel. 416-628-0725 | www.aerospacelogic.com

200 Series Instruments - ICA

Date	Rev	Detail	By
01/03/17	1.4	Address change Updated Page Index on page 2 Added detail of ECT2046XXX product Added derivatives of OPT200XX product based on minor change. Added derivatives of FL20X based on minor change. Added CiES CC Series Fuel Level Sender as an approved accessory to FL20XD.	SG

200 Series Instruments - ICA

4. Applicable Products

This document is applicable to the following part numbers, as referenced in the Certified Product List, document # S200-CPL Rev 1.1 dated 10/02/2012:

4.1 A200-DDC Lighting Controller

Accessory		
Part #	Part #	Manual
A200-DDC	A200-DDC	A200-DDC-002

4.2 CA200X Clock and Outside Air Temperature with Annunciator

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
CA200	CA200	S200-CA200X-001		
CA200K	CA200	S200-CA200X-001	A200-TSA	A200-TSA-002

4.3 CO200X Clock and Outside Air Temperature

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
CO200	CO200	S200-CO200X-001		
CO200K	CO200	S200-CO200X-001	A200-TSA	A200-TSA-002

200 Series Instruments - ICA

4.4 CT20XXX Cylinder Head Temperature

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
CT204	CT204	S200-CT20XXX-001		
CT204B	CT204	S200-CT20XXX-001	A200-TCB	A200-TCB-002
CT204R2	CT204	S200-CT20XXX-001	A200-TCR-12	A200-TCR-002
CT204R4	CT204	S200-CT20XXX-001	A200-TCR-14	A200-TCR-002
CT204R8	CT204	S200-CT20XXX-001	A200-TCR-18	A200-TCR-002
CT206	CT206	S200-CT20XXX-001		
CT206B	CT206	S200-CT20XXX-001	A200-TCB	A200-TCB-002
CT206R2	CT206	S200-CT20XXX-001	A200-TCR-12	A200-TCR-002
CT206R4	CT206	S200-CT20XXX-001	A200-TCR-14	A200-TCR-002
CT206R8	CT206	S200-CT20XXX-001	A200-TCR-18	A200-TCR-002
CT208	CT208	S200-CT20XXX-001		
CT208B	CT208	S200-CT20XXX-001	A200-TCB	A200-TCB-002
CT208R2	CT208	S200-CT20XXX-001	A200-TCR-12	A200-TCR-002
CT208R4	CT208	S200-CT20XXX-001	A200-TCR-14	A200-TCR-002
CT208R8	CT208	S200-CT20XXX-001	A200-TCR-18	A200-TCR-002
CT209	CT209	S200-CT20XXX-001		
CT209B	CT209	S200-CT20XXX-001	A200-TCB	A200-TCB-002
CT209R2	CT209	S200-CT20XXX-001	A200-TCR-12	A200-TCR-002
CT209R4	CT209	S200-CT20XXX-001	A200-TCR-14	A200-TCR-002
CT209R8	CT209	S200-CT20XXX-001	A200-TCR-18	A200-TCR-002

200 Series Instruments - ICA

4.5 ET20XXX

Exhaust Gas Temperature

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
ET204	ET204	S200-ET20XXX-001		
ET204PB	ET204	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET204P1	ET204	S200-ET20XXX-001	A200-TEC15	A200-TEC-002
ET204P2	ET204	S200-ET20XXX-001	A200-TEC20	A200-TEC-002
ET204P3	ET204	S200-ET20XXX-001	A200-TEC25	A200-TEC-002
ET204T	ET204T	S200-ET20XXX-001		
ET204TPB	ET204T	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET204TP1	ET204T	S200-ET20XXX-001	A200-TEB A200-TEC15	A200-TEB-002 A200-TEC-002
ET204TP2	ET204T	S200-ET20XXX-001	A200-TEB A200-TEC20	A200-TEB-002 A200-TEC-002
ET204TP3	ET204T	S200-ET20XXX-001	A200-TEB A200-TEC25	A200-TEB-002 A200-TEC-002
ET206	ET206	S200-ET20XXX-001		
ET206PB	ET206	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET206P1	ET206	S200-ET20XXX-001	A200-TEC15	A200-TEC-002
ET206P2	ET206	S200-ET20XXX-001	A200-TEC20	A200-TEC-002
ET206P3	ET206	S200-ET20XXX-001	A200-TEC25	A200-TEC-002
ET206T	ET206T	S200-ET20XXX-001		
ET206TPB	ET206T	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET206TP1	ET206T	S200-ET20XXX-001	A200-TEB A200-TEC15	A200-TEB-002 A200-TEC-002
ET206TP2	ET206T	S200-ET20XXX-001	A200-TEB A200-TEC20	A200-TEB-002 A200-TEC-002
ET206TP3	ET206T	S200-ET20XXX-001	A200-TEB A200-TEC25	A200-TEB-002 A200-TEC-002

Aerospace Logic Inc.

684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA

Tel. 416-628-0725 | www.aerospacelogic.com

200 Series Instruments - ICA

ET20XXX (Continued)

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
ET208	ET208	S200-ET20XXX-001		
ET208PB	ET208	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET208P1	ET208	S200-ET20XXX-001	A200-TEC15	A200-TEC-002
ET208P2	ET208	S200-ET20XXX-001	A200-TEC20	A200-TEC-002
ET208P3	ET208	S200-ET20XXX-001	A200-TEC25	A200-TEC-002
ET208T	ET208T	S200-ET20XXX-001		
ET208TPB	ET208T	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET208TP1	ET208T	S200-ET20XXX-001	A200-TEB A200-TEC15	A200-TEB-002 A200-TEC-002
ET208TP2	ET208T	S200-ET20XXX-001	A200-TEB A200-TEC20	A200-TEB-002 A200-TEC-002
ET208TP3	ET208T	S200-ET20XXX-001	A200-TEB A200-TEC25	A200-TEB-002 A200-TEC-002
ET209	ET209	S200-ET20XXX-001		
ET209PB	ET209	S200-ET20XXX-001	A200-TEB	A200-TEB-002
ET209P1	ET209	S200-ET20XXX-001	A200-TEC15	A200-TEC-002
ET209P2	ET209	S200-ET20XXX-001	A200-TEC20	A200-TEC-002
ET209P3	ET209	S200-ET20XXX-001	A200-TEC25	A200-TEC-002

200 Series Instruments - ICA

4.6 ECT204XXXX Exhaust Gas and Cylinder Head Temperature

Part #	Instrument		Related Senders / Probes	
	Part #	Manual	Part #	Manual
ECT204	ECT204	S200-ECT204XXX-001		
ECT2046	ECT2046	S200-ECT2046XX-001		
ECT204XXXX	ECT204	S200-ECT204XXX-001		
Where:				
ECT204P1XX			A200-TEC15	A200-TEC-002
ECT204P2XX			A200-TEC20	A200-TEC-002
ECT204P3XX			A200-TEC25	A200-TEC-002
ECT204PBXX			A200-TEB	A200-TEB-002
and:				
ECT204XXPB			A200-TCB	A200-TCB-002
ECT204XXR2			A200-TCR-12	A200-TCR-002
ECT204XXR4			A200-TCR-14	A200-TCR-002
ECT204XXR8			A200-TCR-18	A200-TCR-002
ECT2046XXX	ECT2046	S200-ECT2046XX-001		
Where:				
ECT2046P1X			A200-TEC15	A200-TEC-002
ECT2046P2X			A200-TEC20	A200-TEC-002
ECT2046P3X			A200-TEC25	A200-TEC-002
ECT2046PBX			A200-TEB	A200-TEB-002
and:				
ECT2046XXB			A200-TCB	A200-TCB-002
ECT2046XX2			A200-TCR-12	A200-TCR-002
ECT2046XX4			A200-TCR-14	A200-TCR-002
ECT2046XX8			A200-TCR-18	A200-TCR-002

Aerospace Logic Inc.

684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA

Tel. 416-628-0725 | www.aerospacelogic.com

200 Series Instruments - ICA

4.7 FA200XX

Fuel Pressure and Ammeter

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FA200	FA200	S200-FA200XX-001		
FA200K	FA200	S200-FA200XX-001	A200-HAS A200-PSF	A200-HAS-002 A200-PSF-002
FA200V	FA200V	S200-FA200XX-001		
FA200VK	FA200V	S200-FA200XX-001	A200-HAS A200-PSF	A200-HAS-002 A200-PSF-002

4.8 FF200X

Single Fuel Flow

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FF200	FF200	S200-FF200-001		
FF200K30	FF200	S200-FF200-001	A200-201A-6	A200-201A-6-002
FF200K60	FF200	S200-FF200-001	A200-201B-6	A200-201B-6-002

4.9 FF202X

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FF202	FF202	S200-FF202-001		
FF202K30	FF202	S200-FF202-001	A200-201A-6	A200-201A-6-002
FF202K60	FF202	S200-FF202-001	A200-201B-6	A200-201B-6-002

4.10 FL2X1

Single Tank Fuel Level

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FL201	FL201	S200-FL201-001		
FL211	FL211	S200-FL211-001		
FL251	FL251	S200-FL251-001		

200 Series Instruments - ICA

4.11 FL20X Fuel Level for Resistive Senders

Part #	Instrument		Related Senders / Probes	
	Part #	Manual	Part #	Manual
FL202	FL202	S200-FL20X-001		
FL203	FL203	S200-FL20X-001		
FL204	FL204	S200-FL20X-001		
FL205	FL205	S200-FL20X-001		
FL206	FL206	S200-FL20X-001		
FL201D	FL201D	S200-FL20XD-001	CC284022-()-()	CC-TR-2840-029
FL202D	FL202D	S200-FL20XD-001	CC284022-()-()	CC-TR-2840-029
FL203D	FL203D	S200-FL20XD-001	CC284022-()-()	CC-TR-2840-029
FL204D	FL204D	S200-FL20XD-001	CC284022-()-()	CC-TR-2840-029
FL205D	FL205D	S200-FL20XD-001	CC284022-()-()	CC-TR-2840-029
FL206D	FL206D	S200-FL20XD-001	CC284022-()-()	CC-TR-2840-029

Aerospace Logic Inc.

684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA

Tel. 416-628-0725 | www.aerospacelogic.com

200 Series Instruments - ICA

4.12 FL202G Fuel Level – Cirrus Aircraft

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FL202G	FL202G	S200-FL202G-001		

4.13 FL21X Fuel Level for 0 to 1V Capacitive Systems

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FL212	FL212	S200-FL21X-001		
FL213	FL213	S200-FL21X-001		
FL214	FL214	S200-FL21X-001		
FL215	FL215	S200-FL21X-001		
FL216	FL216	S200-FL21X-001		

4.14 FL25X Fuel Level for 0 to 5V Capacitive Systems

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FL252	FL252	S200-FL25X-001		
FL253	FL253	S200-FL25X-001		
FL254	FL254	S200-FL25X-001		
FL255	FL255	S200-FL25X-001		
FL256	FL256	S200-FL25X-001		

200 Series Instruments - ICA

4.15 FM200XX Fuel Pressure and Manifold Pressure

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FM200	FM200	S200-FM200XX-001		
FM200K	FM200	S200-FM200XX-001	A200-PSF A200-PMP	A200-PSF-002 A200-PMP-002
FM200V	FM200V	S200-FM200XX-001		
FM200VK	FM200V	S200-FM200XX-001	A200-PSF A200-PMP	A200-PSF-002 A200-PMP-002

4.16 FP202XX Dual Fuel Pressure

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
FP202	FP202	S200-FP202XX-001		
FP202K	FP202	S200-FP202XX-001	A200-PSF	A200-PSF-002
FP202V	FP202V	S200-FP202XX-001		
FP202VK	FP202V	S200-FP202XX-001	A200-PSF	A200-PSF-002

4.17 MF200X Manifold Pressure and Fuel Flow

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
MF200	MF200	S200-MF200X-001		
MF200K30	MF200	S200-MF200X-001	A200-PMP A200-201A-6	A200-PMP-002 A200-201A-6-002
MF200K60	MF200	S200-MF200X-001	A200-PMP A200-201B-6	A200-PMP-002 A200-201B-6-002

200 Series Instruments - ICA

4.18 MP200X Single Manifold Pressure

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
MP200	MP200	S200-MP200X-001		
MP200K	MP200	S200-MP200X-001	A200-PMP	A200-PMP-002

4.19 MP202XX Dual Manifold Pressure

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
MP202	MP202	S200-MP202XX-001		
MP202K	MP202	S200-MP202XX-001	A200-PMP	A200-PMP-002
MP202V	MP202V	S200-MP202XX-001		
MP202VK	MP202V	S200-MP202XX-001	A200-PMP	A200-PMP-002

4.20 MT200X Manifold Pressure and Tachometer

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
MT200	MT200	S200-MT200X-001		
MT200KB	MT200	S200-MT200X-001	A200-PMP A200-HMB	A200-PMP-002 A200-HMB-002
MT200KS	MT200	S200-MT200X-001	A200-PMP A200-HMS	A200-PMP-002 A200-HMS-002
MT200KR	MT200	S200-MT200X-001	A200-PMP A200-HMR	A200-PMP-002 A200-HMR-002

Aerospace Logic Inc.

684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA

Tel. 416-628-0725 | www.aerospacelogic.com

200 Series Instruments - ICA

4.21 OP202XX Dual Oil Pressure

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
OP202	OP202	S200-OP202XX-001		
OP202K	OP202	S200-OP202XX-001	A200-PSO	A200-PSO-002
OP202V	OP202V	S200-OP202XX-001		
OP202VK	OP202V	S200-OP202XX-001	A200-PSO	A200-PSO-002

4.22 OPT200XX Oil Pressure and Temperature

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
OPT200	OPT200	S200-OPT200XX-001		
OPT200K	OPT200	S200-OPT200XX-001	A200-PSO A200-TSO	A200-PSO-002 A200-TSO-002
OPT200V	OPT200V	S200-OPT200XX-001		
OPT200VK	OPT200V	S200-OPT200XX-001	A200-PSO A200-TSO	A200-PSO-002 A200-TSO-002
OPT200P	OPT200P	S200-OPT200PX-001		
OPT200PK	OPT200P	S200-OPT200PX-001	A200-PSO A200-TSO A200-PSF	A200-PSO-002 A200-TSO-002 A200-PSF-002

4.23 OT202XX Dual Oil Pressure

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
OT202	OT202	S200-OT202XX-001		
OT202K	OT202	S200-OT202XX-001	A200-TSO	A200-TSO-002
OT202V	OT202V	S200-OT202XX-001		
OT202VK	OT202V	S200-OT202XX-001	A200-TSO	A200-TSO-002

200 Series Instruments - ICA

4.24 TM200X Tachometer

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
TM200	TM200	S200-TM200X-001		
TM200B	TM200	S200-TM200X-001	A200-HMB	A200-HMB-002
TM200S	TM200	S200-TM200X-001	A200-HMS	A200-HMS-002
TM200R	TM200	S200-TM200X-001	A200-HMR	A200-HMR-002

4.25 TM202X Dual Tachometer

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
TM202	TM202	S200-TM202X-001		
TM202B	TM202	S200-TM202X-001	A200-HMB	A200-HMB-002
TM202S	TM202	S200-TM202X-001	A200-HMS	A200-HMS-002
TM202R	TM202	S200-TM202X-001	A200-HMR	A200-HMR-002

4.26 VA200X Voltmeter and Ammeter

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
VA200	VA200	S200-VA200X-001		
VA200K	VA200	S200-VA200X-001	A200-HAS	A200-HAS-002

4.27 VA202X Dual Ammeter and Voltmeter

Instrument			Related Senders / Probes	
Part #	Part #	Manual	Part #	Manual
VA202	VA202	S200-VA202X-001		
VA202K	VA202	S200-VA202X-001	A200-HAS	A200-HAS-002

200 Series Instruments - ICA

5. Airworthiness Limitations

There are no new or additional airworthiness limitations when installing any of the products referenced in this document.

The Airworthiness Limitations Section is FAA approved and specifies maintenance required under 14 CFR Secs. 43.16 and 91.403 unless an alternative program has been FAA approved.

6. Maintenance Instructions

6.1 Maintenance of the specific instrument, senders, probes, wiring harness and connectors should be accomplished during routine annual or time-interval inspections in accordance with applicable airworthiness standards.

6.2 No additional maintenance requirements are specified after the installation.

6.3 No component maintenance or repair is performed on any component of the system. In the event of failure the failing device is replaced in its entirety.

Aerospace Logic Inc.

684 Mud Street East, Hangar 7, Stoney Creek, ON, L8J 3C9,
CANADA

Tel. 416-628-0725 | www.aerospacelogic.com

