



U.S. Department
of Transportation

**Federal Aviation
Administration**

Small Airplane Directorate
Chicago Aircraft Certification Office
2300 E. Devon Avenue, Room 107
Des Plaines, IL 60018

July 26, 2013

Mr. Michael Kobylik
Electroair Acquisition Corporation
317 Catrell Dr
Howell, MI 48843

Dear Mr. Kobylik,

This is in response to your application, dated July 11, 2013, requesting an amendment to the Approved Model List (AML) of Supplemental Type Certificate (STC) SA02987CH to include the the Aviat Husky aircraft.

We have reviewed your certification package and have determined that all requirements for an AML expansion have been met. Enclosed as evidence of FAA design data approval is FAA Approved Model List (AML) for STC SA02987CH, revised July 23, 2013.

The approved data should be made available to the FAA upon request as indicated by 14 Code of Federal Regulations (CFR) §§ 21.41, 21.49, 21.115 and 21.316(g).

Design changes to the approved data should be submitted to the FAA at regular intervals. If there are minor changes to the approved data (reference 14 CFR §§ 21.93, 21.95 and 21.319) submit the changed data and a brief description of the change every six months or on an interval as established with your managing ACO. Major changes to the approved data (reference 14 CFR §§ 21.93, 21.97 and 21.319) must be submitted, and FAA Approved, prior to production.

Please be aware of your responsibilities under the requirements of 14 CFR § 21.3, regarding the reporting of any failure, malfunction, or defect in any article manufactured under this approval.

If you have any questions regarding this approval, please contact Mr. Christopher Richards at (847) 294-7156 or by email at christopher.j.richards@faa.gov.

Sincerely,

Timothy Smyth
Manager, Propulsion and Program Management Branch
Chicago Aircraft Certification Office

1 Enclosure

**FAA Approved Model List (AML) No. SA02987CH
Electroair Acquisition Corporation**

For

Installation of Electroair Electronic Ignition System

Issue Date: July 5, 2011

Revised: July 23, 2013

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Electroair Acquisition Corporation Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis For Alteration	Installation Instructions		AML Amendment Date
					Number	Revision & Date	
EIS-41000 Ignition System	Cessna ^{1 2}	120, 140	A-768	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	Cessna ^{1 2}	140A	5A2	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	Cessna ^{1 2}	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M,	3A19	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012

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EIS-41000 Ignition System	Cessna ^{1 2}	152 A152	3A19	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev: 3 Dated June 8, 2011, or Later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Cessna ^{1 2}	172, 172A 172B, 172C 172D, 172E 172F (USAF T-41A), 172G 172H (USAF T-41A, 172I 172K, 172L 172M, 172N 172P, 172Q 172R, 172S	3A12	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev: 3 Dated June 8, 2011, or Later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Cessna ^{1 2}	177, 177A 177B	A13CE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 3 Dated June 8, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	Cessna ^{1 2}	175, 175A 175B, 175C P712D R172E (USAF T-41B), (USAF T-41C and D) R172F (USAF T-41D), R172G (USAF T-41C and T-21D) R172G (USAF T-41C and T-41D), R172H (USAF T-41D) R172J, R172K 172RG	3A17	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 3 Dated June 8, 2011, Or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Cessna ^{1 2}	177RG	A20CE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 3 Dated June 8, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	American Champion (Bellanca) (Champion) 1 2	7AC, S7AC, 7BCM (ARMY L-16A), 7CCM (ARMY L-16B), 7DC, S7DC, S7CCM, 7EC, S7EC, 7FC, 7JC, 7ECA	A-759	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	American Champion (Bellanca) (Champion) 1 2	7AC, 7GC 7HC, 7GCA 7GCB, 7KC 7GCBA 7ECA 7GCAA 7GCBC 7KCAB	A-759	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	American Champion (Bellanca) (Champion) 1 2	8KCAB 8GCBC	A21CE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	American Champion (Bellanca) (Champion) ^{1 2}	11AC, S11AC, 11BC, S11BC	A-761	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	American Champion (Bellanca) (Champion) ^{1 2}	11CC, S11CC	A-796	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	Diamond ^{1 2}	DA20-C1	TA4CH	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	Diamond ^{1 2}	DA 40 DA 40F	A47CE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	True Holdings, LLC American General. ^{1 2}	AA-1 AA-1A AA-1B AA-1C	A11EA	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-4100 Ignition System	True Holdings, LLC ^{1 2}	AA-5 AA-5A AA-5B AG-5B	A16EA	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Hawker Beechcraft ^{1 2}	23, A23-19 A23-24, A24, 19A M19A, B19, B23, C23, A24R, B24R, C24R	A1CE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Hawker Beechcraft ^{1 2}	77	A30CE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Mooney ^{1 2}	M20, M20A, M20B M20C, M20D, M20E, M20F, M20G, M20J	2A3	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	Piper Aircraft, Inc. ^{1 2}	J-3	ATC 660	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	Piper Aircraft, Inc. ^{1 2}	J3C-40, J3C-50, J3C-50S, J3C-65, J3C-65S, PA-11, PA-11S	A-691	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Piper Aircraft, Inc. ^{1 2}	J4E (ARMY L-4E)	A-740	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	Piper Aircraft, Inc. ^{1 2}	J4, J4A, J4A-S	A-703	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	FS2003 Corp. ^{1 2}	PA-12 PA-12S	A-780	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-16 PA-16S	1A1	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-17	A-805	14 Code of Federal Regulations (CFR) Part 23	EIS-41000IC	Rev. 6 Dated July 23, 2012 or later FAA Approved Revision	October 11, 2012
EIS-41000 Ignition System	FS 2002 Corp _{1 2}	PA-14	A-797	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-18A (Restricted) PA-18A "135" (Restricted) PA-18A "150" (Restricted)	AR-7	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-18, PA-18S PA-18 "105" (Special) PA-18S "105" (Special) PA-18A, PA-18 "125" (Army L-21A) PA-18S "125" PA-18AS "125" PA-18 "135" (Army L-21B) PA-18A "135" PA-18S "135" PA-18AS "135" PA-18 "150" PA-18A "150" PA-18S "150" PA-18AS "150" PA-19 (Army L-21C) PA-19S	1A2	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-22, PA-22-108, PA-22-135, PA-22S-135, PA-22-150, PA-22S-150, PA-22-160, PA-22S-160,	1A6	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

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EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-24	1A15	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-38-112	A18SO	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-28-140 PA-28-150 PA-28-160 PA-28S-160 PA-28-180 PA-28S-180 PA-28-151 PA-28-161 PA-28-181 PA-28R-180 PA-28R-200 PA-28R-201 PA-28-201T PA-28R-201T PA-28RT-201 PA-28RT-201T	2A13	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011

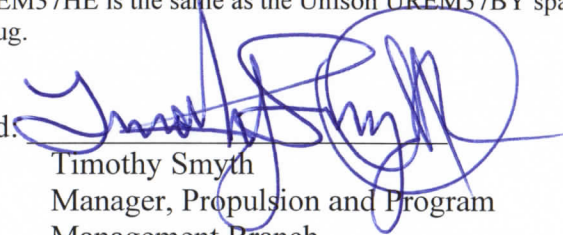
Electroair Acquisition Corporation Item	Aircraft Make	Aircraft Model	Original Type Certificate Number	Certification Basis For Alteration	Installation Instructions		AML Amendment Date
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EIS-41000 Ignition System	Piper Aircraft, Inc ^{1 2}	PA-20 PA-20 "115" PA-20S PA-20S "115" PA-20S "135" PA-20 "135"	1A4	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	December 6, 2011
EIS-41000 Ignition System	CUB CRAFTERS ^{1 2}	CC18-180 CC18-180A	A00006SE	14 Code of Federal Regulations (CFR) Part 23	EIS-41000	Rev. 4 Dated August 26, 2011, or later FAA Approved Revision	March 1, 2012
EIS-41000 Ignition System	Piper Aircraft, Inc	PA-23, PA-23-160	1A10	14 Code of Federal Regulations (CFR) Part 23	EIS-41000T, EIS-41000TIC	Rev. 7 Dated August 15, 2012 or later FAA Approved Revision	December 5, 2012
EIS-41000 Ignition System	Piper Aircraft, Inc	PA-30	A1EA	14 Code of Federal Regulations (CFR) Part 23	EIS-41000T, EIS-41000TIC	Rev. 7 Dated August 15, 2012 or later FAA Approved Revision	December 5, 2012

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EIS-41000 Ignition System	Piper Aircraft, Inc	PA-39, PA-40	A1EA	14 Code of Federal Regulations (CFR) Part 23	EIS-41000T, EIS-41000TIC, EIS-41000TLH, EIS-41000TLHIC	Rev. 7 Dated August 15, 2012 or later FAA Approved Revision	December 5, 2012
EIS-41000 Ignition System	Piper Aircraft, Inc	PA-34-200	A7SO	14 Code of Federal Regulations (CFR) Part 23	EIS-41000T, EIS-41000TIC, EIS-41000TLH, EIS-41000TLHIC	Rev. 7 Dated August 15, 2012 or later FAA Approved Revision	December 5, 2012
EIS-41000 Ignition System	Piper Aircraft, Inc	PA-44-180,	A19SO	14 Code of Federal Regulations (CFR) Part 23	EIS-41000T, EIS-41000TIC, EIS-41000TLH, EIS-41000TLHIC	Rev. 7 Dated August 15, 2012 or later FAA Approved Revision	December 5, 2012
EIS-41000 Ignition System	Aviat Aircraft, Inc ^{1 2}	A-1, A-1A, A-1B, A-1C-180, A-1C-200	22NM	14 Code of Federal Regulations (CFR) Part 23	EIS-41000 EIS-41000IC	Rev. 7 Dated August 15, 2012 or later FAA Approved Revision	July 23, 2013

¹ Electronic Ignition System Installation is eligible for these airplane models that have converted to Textron Lycoming O-235, O-290, O or IO-320, O, or IO-360 model series engines by FAA Approved means as applicable. Electronic Ignition System Installation is eligible for these airplane models that have converted to Teledyne Continental A65, A75, C75, A80, C85, C90, O-200, and IO-240 model series engines by FAA Approved means as applicable.

² These airplane models are eligible to use Electroair Spark Plugs part numbers EAREM37HE or EARHM38SE. These Electroair Spark Plugs can ONLY be used with Electroair's electronic ignition system. For engine model eligibility of the EAREM37HE and EARHM38SE spark plugs, see latest revision of Lycoming Service Instruction No. 1042 for model eligibility. Engine model eligibility of the EAREM37HE is the same as the Unison UREM37BY spark plug. Engine model eligibility of the EARHM38SE is the same as the Unison URHM38S spark plug.

FAA Approved:



Timothy Smyth
Manager, Propulsion and Program
Management Branch
Chicago Aircraft Certification Office