

UNAPPROVED PARTS NOTIFICATION

Aircraft Certification Service



FAA
Aviation Safety

No.: 2014-2013NM510030

Date: March 21, 2014

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

AFFECTED PRODUCTS:

Aircraft with control wheels, glare shields, and instrument panels manufactured by Avion Research Corporation installed and purchased directly from Avion Research Corporation, or through a repair station, without proof of FAA production approval status. This includes but is not limited to: Piper PA-24 model aircraft with Avion Piper Control Wheel P/N PCW-601-101 installed and Cessna 170, 170A, and 170B model aircraft with Avion Instrument Panel installed in accordance with Supplement Type Certificate (STC) SA170CH.

PURPOSE:

The purpose of this notification is to advise all aircraft owners, operators, manufacturers, maintenance organizations, and parts suppliers and distributors regarding any Avion Research Corporation control wheels, glare shields, and instrument panels produced without an FAA production approval.

BACKGROUND:

During an FAA investigation it was determined that Avion Research Corporation manufactured and sold control wheels, glare shields, and instrument panels as suitable for installation on type certificated products without having FAA Parts Manufacturer Approval (PMA) for specific make/model aircraft. These control wheels, glare shields, and instrument panels were advertised for sale on the Avion Research Corporation website and sold to the aviation public. Avion Research Corporation holds FAA-PMA only for articles included in the PMA listing attached to this notification. Any articles manufactured and/or sold which are not included in the attached FAA approvals should be considered unapproved parts.

RECOMMENDATIONS:

FAA regulations require that type-certificated articles conform to their type design. Aircraft owners, operators, maintenance organizations, and parts suppliers and distributors are encouraged to inspect their aircraft and/or aircraft parts inventory for control wheels, glare shields, and instrument panels purchased from Avion Research Corporation without FAA-PMA approval. If these parts are found in existing inventory, it is recommended that they be quarantined to prevent installation.

FURTHER INFORMATION:

Further information regarding this investigation may be obtained from the FAA Seattle Manufacturing Inspection District Office (MIDO) at the address and phone number listed below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the referenced parts from any source, the means used to identify the source, and the actions taken to remove the parts from aircraft and/or parts inventories.

This notice originated from the FAA Seattle MIDO, 1601 Lind Avenue SW, Renton, WA, 98057, Telephone (425) 917-6661.

Attachment to UPN

Avion Research Corporation PMA Listing

Article Name	Part Number	Approval Basis and Associated STC (if applicable)	Make Eligibility	Model Eligibility
Control Yoke and Instrument Panel	All parts listed on Avion Research International Drawing List MDL C180-ML001	Identity per 14 CFR § 21.303, Licensing Agreement STC SA00023SE	Cessna	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K
Instrument Panel	All parts listed on Avion Research International Drawing List MDL C177-ML001	Identity per 14 CFR § 21.303, Licensing Agreement STC SA00895LA	Cessna	177, 177A, 177B, 177RG
Control Yoke and Instrument Panel	All parts listed on Avion Research International Drawing List MDL C182-M001	Identity per 14 CFR § 21.303, Licensing Agreement STC SA1347GL	Cessna	182, 182A, 182B, 182C, 182D
Control Wheel	All parts listed on Avion Research International Drawing List MDL CW-ML001	Identity per 14 CFR § 21.303, Licensing Agreement STC SA00709LA	Cessna	150, 150A, 150B, 150C, 150D, 150E, 150F, 150G, 150H, 150J, 150K, A150K, 150L, A150L, 150M, A150M, 152, A152, 170, 170A, 170B, 172, 172A 172B, 172C, 172D, 172E, 172F (USAF T-41A), 172G, 172H, 172I, 172J, 172K, 172L, 172M, 172N, 172P, 172Q, 172R, 172S, P172D, R172E (USAF T-41B, USAF T-41C, USAF T-41D), R172F, R172G, R172H, R172J, R172K, 172RG, 175, 175A, 175B, 175C, 177, 177A, 177B, 177RG, 180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 108K,

Control Wheel	All parts listed on Avion Research International Drawing List MDL CW-ML001	Identity per 14 CFR § 21.303, Cessna Licensing Agreement STC SA00709LA	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 182S R182, T182, TR182,185, 185A, 185B, 185C, 185D, 185E, A185E, A185F,206, P206, P206A, P206B,P206C, P206D, P206E, U206, U206A, U206B, U206C, 206D, U206E, U206F, U206G, TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G, T206H, 206H, 207, 207A, T207, T207A, 210, 210A, 210B, 210C, 210D, 210E, 210F, 210G, 210H, 210J, 201K, 210L, 210M, 210N, T210F, T210G, T210H, T210J, T210K, T210L, T210M, 210N, P210N, T210N, 210R, P210R, T210R, 210-5 (205), 210-5A (205A), F172D, F172E, F172F, F172G, F172H, F172K, F172L, F172M, F172N, F172P, T303, 310, 310A (USAF U-3A), 310B, 310C, 310D, 310E (USAF U-3B), 310F, 310G, 310H, 310H, 310I, 310J, E310J-1, 310K, 310L, 310N, 310P, T310P, 310Q, T310Q, 310R, T310R, 320, 320-1, 320A, 320B, 320C, 320D, 320E, 320F, 335, 336, 340, 340A, 401, 401A, 401B, 402, 402A, 402B, 402C, 404, 406, 411, 411A, 414, 414A, 421, 421A, 421B, 421C, 425, 441, 500, 501, 525, 550, S550, 551, 552, 560, 560XL
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Control Yoke and Control Panel	All parts listed on Avion Research International Drawing List C172-ML001	STC SA170CH	Cessna	172, 172A, 172B, 172C, 172D, 172E, 172F, 172G, 172H, 172I, 172K, 172L, 172M, 175, 175A, 175B, 175C
Control Wheel	PCW-601-101	Test and Computations per 14 CFR § 21.303	Piper	PA-28-151, PA-28-161, PA-28-180, PA-28-181, PA-28-201T, PA-28-235, PA-28-236, PA-28R-180, PA-28R-200, PA-28R-201, PA-28R-201T, PA-32-260, PA-32-300, PA-32R-300, PA-32RT-300T, PA-32R-301T
Control Wheel	PCW-601-103	Test and Computations per 14 CFR § 21.303	Piper	PA-28-140, PA-28-150, PA-28-160, PA-28-180, PA-28-235, PA-32-260, PA-32-300