



U.S. Department  
of Transportation  
Federal Aviation  
Administration

NORTHWEST MOUNTAIN REGION  
Western Aircraft Certification Office  
P.O. Box 92007  
Los Angeles, California 90009-2007

JAN 13 1988

ACS Products Company  
P.O. Box 152  
Lake Havasu City, Arizona 86403

Gentlemen:

Engineering Design Approval of ACS Products  
Ignition Switch Replacement Part for various  
Cessna and Reims Aviation Model Aircraft

We have reviewed the data submitted with your letter dated November 12, 1987 requesting engineering design approval of the subject replacement part and find the data acceptable. Therefore, ACS ignition switch part No. A-510, drawing No. A-510, revision R, dated January 7, 1980, is approved for replacement of Cessna ignition switch part No. C292501 for the aircraft models listed below.

| <u>MAKE</u> | <u>MODEL</u>                                            | <u>TYPE CERTIFICATE<br/>DATA SHEET</u> | <u>SERIAL NUMBER</u>                                                                         |
|-------------|---------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------|
| Cessna      | 150, 150A-150H<br>150J-150M<br>A150M<br><br>152<br>A152 | 3A19                                   | 15017001 thru<br>15079405<br>A1500610 thru<br>A1500734<br>15279406 and up<br>A1520735 and up |
| Cessna      | 172D-172I<br>172K-172N, 172P<br>172Q                    | 3A12                                   | 17249545 thru<br>17276516                                                                    |
| Cessna      | 177, 177A, 177B                                         | A13CE                                  | 1770000 and up                                                                               |
| Cessna      | 177RG                                                   | A20CE                                  | 177RG0001<br>and up                                                                          |
| Cessna      | 180H                                                    | 5A6                                    | 18051446 thru<br>18052284                                                                    |
| Cessna      | 182E-182H<br>182J-182N, 182P<br>182Q                    | 3A13                                   | 18253599 thru<br>18267715                                                                    |

|                |                                                                        |       |                                                                                          |
|----------------|------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------|
| Cessna         | 185, 185A-185E                                                         | 3A24  | 185-0001 thru<br>1851149                                                                 |
| Cessna         | U206C-U206G<br>TU206C-TU206G<br>P206C-P206E<br>TP206C-TP206E           | A4CE  | U206-0915 and<br>up<br>P206-0420 thru<br>P20600647                                       |
| Cessna         | 207, 207A<br>T207, T207A                                               | A16CE | 20700001 and up<br>20700001 and up                                                       |
| Cessna         | 210G, 210H<br>210J-210N, 210R,<br>T210G, T210H,<br>T210J-T210N, T210R  | 3A21  | 21058819 and up<br><br>T210-0198 and<br>up                                               |
| Reims Aviation | F150G, F150H<br>F150J-F150M<br>FA150K, FA150L<br><br>F152<br><br>FA152 | A13EU | F15001249 and<br>up<br>FA1500282 and<br>up<br>F15201429 and<br>up<br>FA1520337 and<br>up |
| Reims Aviation | F172                                                                   | A4EU  | F172-0019 and<br>up                                                                      |

Should additional revisions or changes to these drawings become necessary, please submit two copies of the revised data to this office for our review and approval.

If you plan to manufacture replacement or modification parts for sale in conformance with the approved data listed in this letter, you are required to comply with Federal Aviation Regulations, Parts 21.303 and 45.15. Application for Parts Manufacturer Approval should be addressed to: Federal Aviation Administration, 4340 Donald Douglas Drive, Long Beach, California 90808, Attention: Manager, Manufacturing Inspection Branch, ANM-180L.

Sincerely,

*Marvin F. Hammelsberg*  
 Gary K. Nakagawa  
 Manager, Western Aircraft  
 Certification Office