

Actions	Compliance	Procedures
<p>(i) Check the maintenance records to determine whether an Electro Mech part number (P/N) EM484-3 firewall shutoff or crossfeed valve with a serial number in the range of 148 through 302 is installed. The owner/operator holding at least a private pilot certificate as authorized by section 43.7 of the Federal Aviation Regulations (14 CFR 43.7) may perform this check.</p> <p>(ii) If, by checking the maintenance records, the owner/operator can definitely show that no Electro Mech P/N EM484-3 firewall shutoff or crossfeed valves with a serial number in the range of 148 through 302 are installed, then the inspection requirement of paragraph (d)(2) and the replacement requirement of paragraph (d)(3) of this AD do not apply. You must make an entry into the aircraft records that shows compliance with these portions of the AD in accordance with section 43.9 of the Federal Aviation Regulations (14 CFR 43.9).</p> <p>(iii) If the pilot cannot definitely show that no affected firewall shutoff or crossfeed valves are installed through the maintenance records check, then the Inspection and Replacement requirements of paragraphs (d)(2) and (d)(3) of this AD must be accomplished by an appropriately-rated mechanic.</p> <p>(2) Inspection: Inspect all Electro Mech P/N EM484-3 firewall shutoff and crossfeed valves to determine whether they incorporate a serial number in the range of 148 through 302.</p> <p>(3) Replacement: If any Electro Mech P/N EM484-3 firewall shutoff or crossfeed valve is found that incorporates a serial number in the range of 148 through 302, accomplish one of the following:</p> <p>(i) Install valve(s) that does not (do not) incorporate a serial number in the range of 148 through 302; or</p> <p>(ii) Modify any valve(s) that incorporates (incorporate) a serial number in the range of 148 through 302. The valve will be re-identified with an "A" at the end of the serial number.</p> <p>(4) Spares: Do not install, on any airplane, any Electro Mech P/N EM484-3 firewall shutoff or crossfeed valve that incorporates a serial number in the range of 148 through 302, unless it has been modified as specified in paragraph (d)(3)(ii) of this AD.</p>	<p>Within the next 30 days after March 8, 2003 (the effective date of this AD), unless already accomplished.</p> <p>Within the next 30 days after March 8, 2003 (the effective date of this AD), unless already accomplished.</p> <p>Accomplish any necessary replacements or modifications prior to further flight after the inspection required by paragraph (d)(2) of this AD, unless already accomplished.</p> <p>As of March 8, 2003 (the effective date of this AD).</p>	<p>No special procedures required to check the maintenance records.</p> <p>In accordance with the Accomplishment Instructions in PIAGGIO Aero Industries S.p.A. Alert Service Bulletin: 80-0173, Original Issue: February 8, 2002.</p> <p>Replace in accordance with applicable maintenance manual. Modify in accordance with the Accomplishment Instructions in Piaggio Aero Industries S.p.A. Service Bulletin: 80-0174, Original Issue: February 20, 2002.</p> <p>Not applicable.</p>

(e) *Can I comply with this AD in any other way?* You may use an alternative method of compliance or adjust the compliance time if:

- (1) Your alternative method of compliance provides an equivalent level of safety; and
- (2) The Manager, Standards Office, Small Airplane Directorate, approves your alternative. Submit your request through an FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Standards Office, Small Airplane Directorate.

**Note 1:** This AD applies to each airplane identified in paragraph (a) of this AD, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (e) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if you have not eliminated the unsafe condition, specific actions you propose to address it.

(f) *Where can I get information about any already-approved alternative methods of compliance?* Contact Doug Rudolph, Aerospace Engineer, FAA, Small Airplane

Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4059; facsimile: (816) 329-4090.

(g) *What if I need to fly the airplane to another location to comply with this AD?* The FAA can issue a special flight permit under sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate your airplane to a location where you can accomplish the requirements of this AD.

(h) *Are any service bulletins incorporated into this AD by reference?* Actions required by this AD must be done in accordance with Piaggio Aero Industries S.p.A. Alert Service Bulletin: 80-0173, Original Issue: February 8, 2002; and Piaggio Aero Industries S.p.A. Service Bulletin: 80-0174, Original Issue: February 20, 2002. The Director of the Federal Register approved this incorporation by reference under 5 U.S.C. 552(a) and 1 CFR part 51. You may get copies from Piaggio Aero Industries S.p.A., Via Cibrario 4, 16154 Genoa, Italy; telephone: +39 010 6481 856; facsimile: +39 010 6481 374. You may view copies at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Room 506, Kansas City, Missouri, or at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC.

**Note 2:** The subject of this AD is addressed in Italian RAI-AD 2002-442, dated February 21, 2002.

(i) *When does this amendment become effective?* This amendment becomes effective on March 8, 2003.

Issued in Kansas City, Missouri, on January 22, 2003.

**Michael Gallagher,**

Manager, Small Airplane Directorate, Aircraft Certification Service.

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