

**Compliance:** Required as indicated, unless accomplished previously.

To prevent high-velocity separation of a barrel, piston, or end cap from a hydraulic accumulator, which could result in injury to personnel in the accumulator area; loss of cabin pressurization; loss of affected hydraulic systems; or damage to plumbing, electrical installations, or structural members; accomplish the following:

**Inspection/Corrective Action: Service Bulletin 727-29-0064**

(a) For airplanes listed in Boeing Special Attention Service Bulletin 727-29-0064, Revision 1, dated May 3, 2001: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, do a one-time inspection to determine the part numbers (P/Ns) of hydraulic accumulators in hydraulic systems "A" and "B," per the Accomplishment Instructions of the service bulletin, excluding the Evaluation Form.

(1) If no hydraulic accumulator with Parker P/N 1356-603303 is installed: No further action is required by this paragraph.

(2) If any hydraulic accumulator with Parker P/N 1356-603303 is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace the subject hydraulic accumulator with a new or modified accumulator, per the service bulletin, excluding the Evaluation Form.

**Note 2:** Boeing Special Attention Service Bulletin 727-29-0064, Revision 1, refers to Parker Service Bulletin 1356-603303-29-60, dated January 9, 2001, as the appropriate source of service information for modification of the hydraulic accumulators that are subject to replacement per Service Bulletin 727-29-0064, Revision 1.

**Inspection/Corrective Action: Service Bulletin 727-32-0410**

(b) For airplanes listed in Boeing Special Attention Service Bulletin 727-32-0410, Revision 2, dated January 24, 2002: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, do a one-time inspection to determine the P/N of the hydraulic accumulator in the landing gear brake system, per the service bulletin, excluding the Evaluation Form.

(1) If no hydraulic accumulator with P/N 1356-603399, 3780078-104, BACA11E4S, BACA11E4SA, 60857-4-1, or BACA11E4 (vendor P/N 2660472-4 or 2660472M4) is installed: No further action is required by this paragraph.

(2) If any hydraulic accumulator with P/N 1356-603399 or BACA11E4 (vendor P/N 2660472-4 or 2660472M4) is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace existing accumulator clamps and mounting hardware with new, stronger accumulator clamps and mounting hardware, and replace the subject hydraulic accumulator with a new or modified accumulator, per the service bulletin, excluding the Evaluation Form.

(3) If any hydraulic accumulator with P/N 3780078-104, BACA11E4S, BACA11E4SA, or 60857-4-1 is installed: Within 18 months

or 6,000 flight hours after the effective date of this AD, whichever is first, replace existing accumulator clamps and mounting hardware with new, stronger accumulator clamps and mounting hardware, per the service bulletin, excluding the Evaluation Form.

**Note 3:** Boeing Special Attention Service Bulletin 727-32-0410, Revision 2, refers to Parker Service Bulletins 1356-603399-29-61 and 2660472-29-63, both dated December 12, 2000, as the appropriate sources of service information for modification of the hydraulic accumulators that are subject to replacement per Service Bulletin 727-32-0410, Revision 2.

**Inspection/Corrective Action: Service Bulletin 727-52-0148**

(c) For airplanes listed in Boeing Special Attention Service Bulletin 727-52-0148, Revision 2, dated January 24, 2002: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, do a one-time inspection to determine the P/N of the hydraulic accumulator in the aft airstairs, per the service bulletin, excluding the Evaluation Form.

(1) If no hydraulic accumulator with P/N 1356-603399, 3780078-104, BACA11E4S, BACA11E4SA, 60857-4-1, or BACA11E4 (vendor P/N 2660472-4 or 2660472M4) is installed: No further action is required by this paragraph.

(2) If any hydraulic accumulator with P/N 1356-603399 or BACA11E4 (vendor P/N 2660472-4 or 2660472M4) is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace existing accumulator clamps and mounting hardware with new, stronger accumulator clamps and mounting hardware, and replace the subject hydraulic accumulator with a new or modified accumulator, per the service bulletin, excluding the Evaluation Form.

(3) If any hydraulic accumulator with P/N 3780078-104, BACA11E4S, BACA11E4SA, or 60857-4-1 is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace existing accumulator clamps and mounting hardware with new, stronger accumulator clamps and mounting hardware, per the service bulletin, excluding the Evaluation Form.

**Note 4:** Boeing Special Attention Service Bulletin 727-52-0148, Revision 2, refers to Parker Service Bulletins 1356-603399-29-61 and 2660472-29-63, both dated December 12, 2000, as the appropriate sources of service information for modification of the hydraulic accumulators that are subject to replacement per Service Bulletin 727-52-0148, Revision 2.

**Inspection/Corrective Action: Service Bulletin 737-32-1334**

(d) For airplanes listed in Boeing Special Attention Service Bulletin 737-32-1334, Revision 1, dated March 1, 2001: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, do a one-time inspection to determine the P/Ns of the hydraulic accumulators in the landing gear brake system, per the service bulletin, excluding the Evaluation Form.

(1) If no hydraulic accumulator with P/N BACA11E2 (vendor P/N 2660472-2 or 2660472M2) is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace the subject hydraulic accumulator with a new or modified accumulator, per the service bulletin, excluding the Evaluation Form.

(2) If any hydraulic accumulator with P/N BACA11E2 (vendor P/N 2660472-2 or 2660472M2) is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace the subject hydraulic accumulator with a new or modified accumulator, per the service bulletin, excluding the Evaluation Form.

**Note 5:** Boeing Special Attention Service Bulletin 737-32-1334, Revision 1, refers to Parker Service Bulletin 2660472-29-63, dated December 12, 2000, as the appropriate source of service information for modification of the hydraulic accumulators that are subject to replacement per Service Bulletin 737-32-1334, Revision 1.

**Inspection/Corrective Action: Service Bulletin 737-78-1068**

(e) For airplanes listed in Boeing Special Attention Service Bulletin 737-78-1068, Revision 1, dated March 1, 2001: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, do a one-time inspection to determine the P/Ns of the hydraulic accumulators in the thrust reverser actuation system, per the service bulletin, excluding the Evaluation Form.

(1) If no hydraulic accumulator with P/N BACA11E2 (vendor P/N 2660472-2 or 2660472M2) is installed: No further action is required by this paragraph.

(2) If any hydraulic accumulator with P/N BACA11E2 (vendor P/N 2660472-2 or 2660472M2) is installed: Within 18 months or 6,000 flight hours after the effective date of this AD, whichever is first, replace the subject hydraulic accumulator with a new or modified accumulator, per the service bulletin, excluding the Evaluation Form.

**Note 6:** Boeing Special Attention Service Bulletin 737-78-1068, Revision 1, refers to Parker Service Bulletin 2660472-29-63, both dated December 12, 2000, as the appropriate source of service information for modification of the hydraulic accumulators that are subject to replacement per Service Bulletin 737-78-1068, Revision 1.

**Inspections Accomplished Per Previous Issues of Service Bulletins**

(f) Inspections and replacements accomplished before the effective date of this AD per Boeing Special Attention Service Bulletin 727-29-0064, dated June 8, 2000, are considered acceptable for compliance with the corresponding action required by paragraph (a) of this AD.

(g) Inspections and replacements accomplished before the effective date of this AD per Boeing Special Attention Service Bulletin 737-32-1334, dated May 11, 2000, are considered acceptable for compliance with the corresponding actions required by paragraph (d) of this AD.

(h) Inspections and replacements accomplished before the effective date of this AD per Boeing Special Attention Service Bulletin 737-78-1068, dated June 8, 2000, are considered acceptable for compliance