

the inspector. Inspection aids such as mirror, magnifying lenses, etc., may be used. Surface cleaning and elaborate access procedures may be required."

(1) If no cracked, corroded, or stained collar fitting is found, repeat the detailed inspection required by paragraph (a) of this AD thereafter at intervals not to exceed 120 days until accomplishment of paragraph (d) or (e) of this AD, as applicable.

(2) If any cracked collar fitting is found, prior to further flight, install a new or serviceable collar fitting in accordance with Part 2 of the Accomplishment Instructions of the alert service bulletin.

(3) If any corroded collar fitting is found, prior to further flight, repair the corrosion in accordance with Figure 4 of the Accomplishment Instructions of Revision 3 of the service bulletin; or in accordance with a method approved by the Manager, Seattle Aircraft Certification Office (ACO), FAA.

(4) If any stained collar fitting is found, accomplish the requirements of paragraphs (a)(4)(i) and (a)(4)(ii) of this AD at the compliance times specified.

(i) Repeat the detailed inspection required by paragraph (a) of this AD thereafter at intervals not to exceed 45 days; and

(ii) Within 18 months after finding the stained collar fitting, accomplish Part 2 of the Accomplishment Instructions of the alert service bulletin. If any corroded collar fitting is found, before further flight, repair the corrosion in accordance with Part 3 and Part 4 of the Accomplishment Instructions of Revision 3 of the service bulletin; or in accordance with a method approved by the Manager, Seattle ACO.

New Requirements of This AD

Detailed Inspection

(b) For airplane line number 723: Within 8 years since the date of manufacture of the airplane, or within 90 days after the effective date of this AD, whichever is later; do a detailed inspection of the collar fittings of both inboard trailing edge flaps to detect cracks, corrosion, or staining, as specified in paragraph (a) of this AD, in accordance with Part 1 of the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 3, including Appendices A and B, dated December 19, 2001. Then do the applicable actions specified in paragraphs (a)(1), (a)(2), (a)(3), and (a)(4) of this AD.

Repetitive Inspections/Follow-On and Corrective Actions

(c) For airplanes having line numbers 1 through 703 inclusive, 705 through 715 inclusive, 717, 718, 721, and 723; and for the right-hand side of the airplane on line number 716: Within 10 years since the date of manufacture of the airplane, or within 4 years after the effective date of this AD, whichever is later; do a spline inspection of the collar fittings, torque tube, and splined bushings for discrepancies (including cracks, fractures, corrosion, corrosion pits, and light wear), in accordance with Part 3 of the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 3, including Appendices A and B, dated December 19, 2001. Accomplishment of the inspections required by this paragraph,

before the initial inspection required by paragraph (a) of this AD, meets the inspection requirements in paragraph (a) of this AD.

(d) If no discrepancy is found during any inspection required by paragraph (c) or (h) of this AD, before further flight, refinish and reassemble the parts with liberal coatings of corrosion-inhibiting compound (CIC) BMS 3-27 or BMS 3-38, in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 3, including Appendices A and B, dated December 19, 2001; and repeat the inspection every 24,000 flight cycles or 12 years, whichever is first. Accomplishment of this paragraph terminates the repetitive inspections required by paragraph (a) of this AD.

(e) If any discrepancy is found during any inspection required by paragraph (c) or (h) of this AD, before further flight, do the actions specified in either paragraph (e)(1) or (e)(2) of this AD in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 3, including Appendices A and B, dated December 19, 2001. Accomplishment of this paragraph terminates the repetitive inspections required by paragraph (a) of this AD.

(1) Replace the affected part with a new part, and reassemble the joint with liberal coatings of CIC BMS 3-27 or BMS 3-38, in accordance with the Accomplishment Instructions of the service bulletin. Repeat the applicable inspection specified in paragraph (c) or (h) of this AD every 24,000 flight cycles or 12 years, whichever is first.

(2) Rework the affected part, and reassemble the joint with liberal coatings of CIC BMS 3-27 or BMS 3-38, in accordance with the Accomplishment Instructions of the service bulletin. Repeat the applicable inspection specified in paragraph (c) or (h) of this AD, as specified in paragraph (e)(2)(i), (e)(2)(ii), or (e)(2)(iii) of this AD, as applicable.

(i) If five or fewer spline lengths are reworked per Figure 8 of the service bulletin, repeat the inspection every 24,000 flight cycles or 12 years, whichever is first.

(ii) If more than five spline lengths, but fewer than or equal to the maximum number of spline lengths allowed per Figure 8 of the service bulletin are reworked, repeat the inspection every 12,000 flight cycles or 6 years, whichever is first.

(iii) If more than the maximum number of spline lengths allowed per Figure 8 of the service bulletin are reworked, before further flight, replace the splined component and repeat the inspection every 24,000 flight cycles or 12 years, whichever is first.

Additional Inspections for Airplanes Inspected per Revision 2 of the Service Bulletin

(f) For any airplane on which the spline inspection was done in accordance with Part 3 of the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 2, dated February 18, 1999; and on which the CIC Titanine JC5A was used, or the maintenance records are inconclusive of the type of CIC used: Do the applicable

inspection specified in Part 1 or Part 3 of the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 3, including Appendices A and B, dated December 19, 2001; at the applicable time specified in paragraph (f)(1) or (f)(2) of this AD.

(1) Within 3 years after the last spline inspection done in accordance with Revision 2 of the service bulletin, or within 90 days after the effective date of this AD, whichever is later, do the applicable inspection specified in either Part 1 or Part 3 of Revision 3 of the service bulletin. Before further flight after accomplishment of the Part 1 inspection, do the applicable follow-on actions specified in paragraphs (a)(1), (a)(2), (a)(3), and (a)(4) of this AD. Before further flight after accomplishment of the Part 3 inspection, do the applicable follow-on actions specified in paragraphs (d) and (e) of this AD.

(2) Within 6 years after the last spline inspection done in accordance with Revision 2 of the service bulletin, do the spline inspection specified in Part 3 of Revision 3 of the service bulletin, unless already accomplished per paragraph (f)(1) of this AD. Before further flight after accomplishment of the inspection, do the applicable follow-on actions specified in paragraphs (d) and (e) of this AD.

Credit for Previously Accomplished Inspections

(g) Accomplishment of the spline inspection of the collar fittings, torque tube, and splined bushings per Part 3 of the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 2, dated February 18, 1999; and on which the maintenance records are conclusive that CIC Titanine JC5A was not used, is considered acceptable for the initial inspections required by paragraphs (c) and (h) of this AD.

Airplanes Assembled With BMS 3-27

(h) For airplanes having line numbers 704, 719, 720, 722, and 724 through 749 inclusive; and for the left-hand side of the airplane on line number 716: Within 12 years since the date of manufacture of the airplane, or within 24,000 flight cycles after the effective date of this AD, whichever is first; do a spline inspection of the collar fittings, torque tube, and splined bushings for discrepancies (including cracks, fractures, corrosion, corrosion pits, and light wear). Do the inspection in accordance with Part 3 of the Accomplishment Instructions of Boeing Alert Service Bulletin 767-57A0066, Revision 3, including Appendices A and B, dated December 19, 2001; then, before further flight, do the applicable actions specified in either paragraph (d) or (e) of this AD.

(i) For airplanes having line numbers 704, 719, and 720: If the initial inspection required by paragraph (a) of this AD has not been done as of the effective date of this AD, operators may do the inspection required by paragraph (h) of this AD in lieu of the inspection required by paragraph (a) of this AD, at the time specified in paragraph (h) of this AD.