

(c) On RB211–535E4 engines, operated to Flight Profile B, ultrasonically inspect, and if required, relubricate using the following Table 3:

TABLE 3.—RB211–535E4 FLIGHT PROFILE B

Engine location	Initial inspection within (CSN)	Type action	In accordance with	Repeat inspection within (CSN)
(1) On-wing	12,350.	(i) Root Probe, inspect and relubricate, OR. (ii) Wave Probe	RB.211–72–C879 Revision 3, 3.A.(1) through 3.A.(7), dated October 9, 2002. RB.211–72–C879 Revision 3, 3.B.(1) through 3.B.(7), dated October 9, 2002.	850. 700.
(2) In Shop	12,350.	Root Probe, inspect and relubricate.	RB.211–72–C879 Revision 3, 3.C.(1) through 3.C.(4), dated October 9, 2002.	850.

(d) On RB211–535E4 engines, operated to combined Flight Profile A and B, ultrasonically inspect, and if required, relubricate using the following Table 4:

TABLE 4.—RB211–535E4 FLIGHT PROFILE A AND B

Engine location	Initial inspection within (CSN)	Type action	In accordance with	Repeat inspection within (CSN)
(1) On-wing	65% hard life (To calculate, Compliance Section 1.C.(4)).	(i) Root Probe, inspect and relubricate, OR. (ii) Wave Probe.	RB.211–72–C879 Revision 3, 3.A.(1) through see 3.A.(7), dated October 9, 2002. RB.211–72–C879 Revision 3, 3.B.(1) through 3.B.(7), dated October 9, 2002.	As current flight profile. As current flight profile.
(2) In Shop	65% hard life (To calculate, Compliance Section 1.C.(4)).	Root Probe, inspect and relubricate.	RB.211–72–C879 Revision 3, 3.C.(1) through see 3.C.(4), dated October 9, 2002.	As current flight profile.

Note 2: Fan blades that have been operated within RB211–535E4 Flight Profile A and B will have final life as defined in the Time

Limits Manual. See References Section 1.G.(3), of MSB RB.211–72–C879, Revision 3, dated October 9, 2002.

(e) On RB211–535E4–B engines, ultrasonically inspect, and if required, relubricate using the following Table 5:

TABLE 5.—RB211–535E4–B

Engine location	Initial inspection within (CSN)	Type action	In accordance with	Repeat within (CSN) inspection
(1) On-wing.	17,000	(i) Root Probe, inspect and relubricate OR. (ii) Wave Probe.	RB.211–72–C879 Revision 3, 3.A.(1) through 3.A.(7), dated October 9, 2002. RB.211–72–C879 Revision 3, 3.B.(1) through 3.B.(7), dated October 9, 2002.	1,200. 1,000.
(2) In Shop	17,000	Root Probe, inspect and relubricate.	RB.211–72–C879 inspect and Revision 3, 3.C.(1) through 3.C.(4), dated October 9, 2002.	1,200

Optional Terminating Action

(f) Application of Metco 58 blade root coating using RR SB RB.211–72–C946, Revision 1, dated August 6, 2002, constitutes terminating action to the repetitive inspection requirements specified in paragraphs (b), (c), (d), and (e) of this AD.

Alternative Methods of Compliance

(g) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Engine Certification Office (ECO). Operators must submit their request through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, ECO.

Note 3: Information concerning the existence of approved alternative methods of compliance with this airworthiness directive, if any, may be obtained from the ECO.

Special Flight Permits

(h) Special flight permits may be issued in accordance with §§ 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the aircraft to a location