

KMM

C. ZONE ONE

Item	Inspect the Following	Initial
1.	Thoroughly clean rotor blades (Reference 20-30)	
2.	LH and RH rotor hubs for cracks, nicks, scratches, corrosion and security	
3.	Fold locks (4) for cracks, deformation, nicks, scratches, corrosion and security	
4.	Fold stops (4) for cracks, deformation, nicks, scratches, corrosion and security (pins installed)	
5.	LH and RH rotor shaft guard for cracks, deformation, nicks, scratches, corrosion and security	
6.	Drop stops (4) for cracks, deformation, freedom of movement, bumper for excessive wear, bearings for excessive play, binding, corrosion and security	
7.	Dampers (4); damper tube for nicks, scratches and wear; hard coat (grey) surface for evidence of wear-through; surface for cleanliness; housing for deformation; damper cover for cracks and screws lockwired; adjustment bolt cotter pin installed; rod end bearings for excessive play and binding; and proper rod roll	
8.	LH and RH rotor shaft cover plates for security	
9.	LH and RH hub L-cranks for cracks, nicks, scratches, upper clevis for looseness, pivot bearings for excessive play, binding and security	
10.	LH and RH hub-to-blade rods for nicks, scratches; rod end bearings for excessive play and binding; proper rod roll and security	
11.	U-cranks (4) for nicks, scratches, rod end bearings for excessive play, binding and security	
12.	Idler cranks (4) for nicks, scratches, bearings for excessive play, binding and security	
13.	Spanwise rod/turnbuckles (4) and linkage for binding (pre-loaded), nicks, scratches, thread engagement holes blocked, corrosion and security	
14.	Spanwise rod rubber boots for cuts, deterioration and security	
15.	Blade grip (4) for cracks, nicks, scratches, dents, corrosion and security	
16.	Inboard blade area (4) for cracks, bonding voids, punctures, sealant deterioration and security	
17.	Blade track actuator (2) for broken wires, bearings for excessive play, binding (actuator not pre-loaded), corrosion and security	
18.	Check teeter pins (2) for proper torque (Reference 62-20)	
19.	Check lag pins (4) for proper torque (Reference 62-10)	
20.	Lag pin caps for security	
21.	Remove blade flaps (4) (Reference 62-10)	
22.	Flap brackets (4) for cracks, bores for nicks, scratches, erosion, corrosion and security	
23.	Flap control rod and clevis (4) for nicks, scratches, pitting, corrosion and security	
24.	Flap rod (4) for nicks, scratches, pitting, corrosion and security	

C. ZONE ONE (CONTINUED)

Item	Inspect the Following	Initial
25.	Blade skin, blade bell-crank cover, trailing edge, tip caps and leading edge abrasion strip for cracks, nicks, scratches, dents, delaminations, punctures, corrosion and security	
26.	Leading edge rubber abrasion strip, from the grip to the steel leading edge guard. This is the area that covers the spar. Check this area top and bottom for dents, delamination, punctures, splits, tears and deterioration. Check especially for splits running span-wise in the vicinity of Station 67 that could indicate the presence of delamination of the graphite leading edge wrap or separation of individual spar planks below the erosion guard	
27.	Blade tiedown fittings (4) for cracks, corrosion and security	
28.	Clean and inspect blade flaps and attaching hardware (Reference 62-10)	
29.	Install blade flaps (4) (Reference 62-10)	
30.	Sealant bead between rotor shaft and slip ring and six empty screw holes for cracks, voids, missing or peeling sealant; remove and replace old sealant (if necessary) (Reference 62-30)	
31.	Shear tie for cracks, corrosion and security	
32.	Upper anti-collision light for cracked or broken lens, corrosion and security	
33.	Touch-up all damaged paint and exterior markings, as necessary	

D. ZONE ONE POST-INSPECTION RUN UP

Item	Inspect the Following	Initial
1.	See Rotorcraft Flight Manual for cockpit check and starting procedures. For troubleshooting procedures, refer to applicable section of this manual	

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J. ZONE PC

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copter was a

I certify that in accordance with the manufacturer's progressive inspection program, a zone one inspection of the helicopter was performed as required by Federal Aviation Regulations. The helicopter was found to be airworthy and appropriate entries have been made in the maintenance record. It is further certified that the zone one inspection conforms to FAA specifications, that all FAA Airworthiness Directives, Manufacturer's Service Notices and maintenance manual data have been complied with. The helicopter was approved for return to service.

Signature

Rating

Date

Signature

Rating

Date

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Hubs: 5125

05-20-11

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