



Checklist Number:

Checklist Name: Checklist for Issue-Renew-Export C of A Helicopter Inspection
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Applicability:

Location: Date:

No.	Subject	Reference	S	U	N/A	Comment
	0 General					
	Date :					
	Operator :					
	Place :					
	Aircraft Make and Model :					
	Airframe serial no. :					
	Nationality and marks :					
	Engine 1 Serial no.					
	Engine 2 Serial no.					
	Rotor 1 Serial no.					
	Rotor 2 Serial no.					

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No.	Subject	Reference	S	U	N/A	Comment
	Rotor 3 Serial no.					
	Rotor 4 Serial no.					
	Purpose : First Issue					
	Purpose : Renewal C of A No. Expire Date					
	Purpose : Export C of A No. Expire Date					
	A. Documentation					
1	Document required for applying and renewal					
1.1	TCDS and letter of TC & STC accepted by CAAT					
1.2	A copy of Previous Certificate of Airworthiness and Export Certificate of Airworthiness (within 60 days for First Entry in Thailand)					
1.3	Aircraft Flight Manual (AFM) Rev..... Date.....					
1.4	Flight Crew Operation Manual or equivalent Rev..... Date.....					

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No.	Subject	Reference	S	U	N/A	Comment
1.5	Aircraft & Engine Maintenance Manual (AMM & EMM) Rev..... Date.....					
1.6	Illustrated Parts Catalogue Rev..... Date.....					
1.7	Assembly Manual in case of disassembly shipment Rev..... Date.....					
1.8	Wiring Diagrams Manual Rev..... Date.....					
1.9	Weight and balance Manual Rev..... Date.....					
1.10	Maintenance Planning Data (MPD) and Maintenance Review Board Document (MRBD) Rev..... Date.....					
1.11	Service Bulletins (if available)					
1.12	Master Minimum Equipment List - MMEL(if available) Rev..... Date.....					



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No.	Subject	Reference	S	U	N/A	Comment
1.13	Maintenance Review Document(for AOC & GA) & Maintenance Review Report (for AOC)					
1.14	Reports of works to be performed (Maintenance Record) / (Repair Record)					
1.15	Record of Total Time/Maintenance status in Service of Aircraft, Major Aircraft Appliances					
1.15.1	Life limit Parts					
1.15.2	Hard time Components					
1.15.3	Engine & Propeller Production or Maintenance Release Documents					

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a)	Engine (latest release: TSO/TSN)					
b)	Rotor Blade (latest release: TSO/TSN)					
1.15.4	Manufacturing Certificate of Conformity					
1.15.5	Certificate of Release to Service & Maintenance Record					
1.15.6	Logbooks and associated records					
a)	Airframe (latest release: TSO/TSN)					
b)	Engine (latest release: TSO/TSN)					
c)	Rotor Blade (latest release: TSO/TSN)					
1.16	A copy of an Electrical Load Analysis					
1.17	A copy of Weight and Balance Report (within 1 year from C of A submit date)					
1.18	Documents showing the compliance of Service Letter,					

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No.	Subject	Reference	S	U	N/A	Comment
	Alteration, AD					
1.18.1	AD					
a)	Airframe					
b)	Power Plant					
c)	Rotor Blade					
d)	Component					
1.18.2	SB, STC, Modification					
1.19	Compass Swing Data					
1.20	Flight Test Report or Delivery Flight Report					
2.	Other Document					
2.1	Customized Maintenance Program (CMP) Rev..... Date.....					
2.2	Approval Minimum Equipment List (MEL)					

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	Rev..... Date.....					
2.3	Passenger cabin configuration (LOPA) with Emergency Equipment List					
2.4	Pressure-Altitude Reporting Transponders (including ensuring the correct setting of ICAO 24-bit aircraft address transmitted by equipped Mode S Transponder)					
2.5	ELT Equipment					
2.6	Certificate of Insurance					
B. General						
1	Registration Mark (Left Wing and Fuselage or Vertical Rudder)					
2	Fireproof Registration plate secured to the aircraft in a prominent position near the main entrance					
C. Flight Deck Inspection						
1	Inspect the following:					
a	Instrument security and range markings					
b	Windows (delamination, scratches, crazing, and general visibility)					

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c	Emergency equipment					
d	Seal on medical kit (if located on flight deck)					
e	Seat belts and shoulder harnesses (Technical Standard Order making, metal to metal latching, and general condition)					
f	Aircraft configuration conforms to approved documents					
g	Dent and Buckle Chart is maintained and is onboard.					
h	Compass Swing correction card					
2	Check the following in the cockpit:					
a	Interphone system – select Com 1 and Com 2 to ensure systems are working					
b	Test the TCAS & EGPWS system on Test Mode					
c	Test the ELT for operation and recording of signal in the					

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No.	Subject	Reference	S	U	N/A	Comment
	portable tester for ELT 406 MHz, 121.5 MHz					
d	VHF communication/VOR system for operation,					
e	HF system for operation including SELCAL check,					
f	WX Radar system for operation (TEST MODE ONLY)					
g	Operational test of CVR including all the four channels (Magnetic tape and wire are permitted)					
h	Operation test of FDR (Magnetic tape and wire are permitted)					
3	Documents on Board					
a	Copy of AOC and Operation Specification					
b	Weight and Balance Report					
c	C of A					

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Applicability:

Location: Date:

No.	Subject	Reference	S	U	N/A	Comment
d	C of R					
e	Minimum Equipment List					
f	Cabin Crew Manual					
g	Release to Service					
h	Technical Log/ Maintenance Log/ Journey Log					
i	Certificate of Insurance					
j	Noise Certificate (if applicable)					
k	Radio License					
	D. Cabin Inspection. Inspect the cabin, to include the following:					
1	Lavatory to ensure the following:					
a	Conformity of Placards and Marking					
b	Ensure all required placards and marking are properly installed and legible.					



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2	Flight attendant seats, to include					
3	Cabin emergency equipment, to include the following:					
a	Flight attendant flashing holder					
b	Slide containers, to ensure containers are properly marked for content. Check for last inspection date and pressure of slide inflation bottle if visible.					
c	Medical kit (if not checked on flight deck)					
d	First aid kit (seal and security)					
e	Emergency oxygen for proper pressure and security.					
f	Megaphone(s), if installed, for security and general condition.					
g	Fire extinguishers for security, pressure, seal, and date of last inspection.					
h	Life raft storage markings (if raft is required)					
i	Emergency briefing cards (random sample)					

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No.	Subject	Reference	S	U	N/A	Comment
j	General conditions of emergency floor path lighting system					
k	Placement of all “Emergency Exit” signs					
l	Presence and legibility of “Emergency Exit” operation instructions					
m	Life preservers (vests)					
4	Passenger seats					
5	Galleys/Service centers (for correct operation, Leaks and security)					
6	Overhead baggage compartment					
	E. Insect the Cargo Compartment					
1	Ensure the following:					
a	Cargo compartment fire protection is appropriate for its classification					



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b	Cargo liner is free from tears and/or punctures. If these are noted, inspect structure behind liner for damage					
c	Cargo doors is free of fluid leaks and structure damage					
d	Fuselage door structure and sill are free of damage					
e	Smoke detectors are in satisfactory condition					
f	Lighting is operable and protective grills are installed					
g	Cargo flooring is free from structural or other damage					
	F. Inspect the cross tube and landing skid areas for the following:					
1	Any indication of wear, chafing lines, chafing wires, cracks, dents, or other damage.					
2	Structural integrity of gear (cracks, dents, or other damage)					
3	Hydraulic leaks (gear struts, actuators, steering valves, etc.)					
4	Tire condition					

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5	Tire pressure (if pressure indicators are installed)					
6	Wheel installation and safety locking devices					
7	Wear, line security, leaks and installation of brakes					
8	Corrosion					
	G. Inspect the main rotor blade areas for the following:					
1	Structure for cracks, corrosion, dents or other damage					
2	Stabilizer bar (cracks, corrosion, dents, and delamination)					
3	Swash plate, Swash plate control rods (cracks, corrosion, dents, and delamination)					
4	Ball bearing (general condition of lines)					
5	Jesus nut, Hub, Retention bolt, Blade grip, Trunion, hinge (cracks, corrosion, dents and delamination)					

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No.	Subject	Reference	S	U	N/A	Comment
6	Main rotor mast (general condition of lines, cracks, corrosion, dents and delamination)					
7	Pitch control rod (cracks, corrosion, dents delamination)					
8	Main rotor blade (cracks, corrosion, dents and delamination)					
9	Registration marking (legibility)					
	H. Inspect the tail boom areas for the following:					
1	Structure for cracks, corrosion, dents or other damage					
2	Tail rotor blade (cracks, corrosion, dents and delamination)					
3	Synchronized elevator (if applicable)					
4	Tail fin (cracks, corrosion, dents and delamination)					
5	Tail skid (cracks, corrosion, dents and delamination)					
6	Tail rotor drive shaft (general condition of lines, wires and plumbing)					

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	I. Inspect the engines, to include the following:					
1	Intake for fan blade damage and oil leaks					
2	Cowling for missing or loose fasteners					
3	Cowling and fairing (cracks, corrosion, dents and delamination)					
4	Exhaust for turbine and tail pipe damage, and evidence of fluids					
5	Oil level indicator					
6	Engine drive shaft (cracks, corrosion, dents and delamination)					
	J. Inspect the empennage, to include the following:					
1	Leading edge for dents					
2	All lights (general condition, broken lenses, etc.)					
3	Elevator, rudder, and tabs (cracks, corrosion, dents					

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	and delamination)					
4	Elevator and rudder power unit for evidence of hydraulic leaks					
5	Static Dischargers/wicks (Check for condition and number missing)					
	K. Additional for Offshore operation, to include the following:					
1	Life raft (Permanent or Rapid deploy) with ELT (Transmitted 406 MHz, 121.5 MHz), Subsistence equipment, Lifesaving equipment					
2	Life vest for all passenger and crew with lighting devices with ELT (Transmitted 406 MHz, 121.5 MHz), (If not located with life raft)					
3	Automatically Deployable Emergency Locator Transmitter (ELT(AD))					
4	Vibration Health Monitoring (VHM)					
	L. Additional for Performance Base Communication (PBC) operation, to include the following:					



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1	Conducting two-way communication for heliport control					
2	Receiving meteorological information at any time during flight					
	M. Export C of A					
1	Special Requirement(s) from Importing Country					
2	Acceptance Letter for exemption (if any)					
3	Document for disassembly and maintain the aircraft part (If any)					
4	Special equipment for Export C of A					
5	Contract Agreement					



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Location: Date:

S = Satisfy

U= Unsatisfied

N/A= Not Applicable

Comment = Description the detail of compliance or Non Compliance or other information

Inspector Name:
(.....)

Position:

Completed on: