



**Airworthiness and Aircraft Engineering
Department**

**Issue/Renew/Export C of A
Inspection Check List
More than 5,700 Kgs**

Date:		Operator:			Place:	
Aircraft Make and Model:					Airframe S/N.:	
Nationality and marks:			APU serial no.:			
Engine serial no.	ENG 1:	ENG 2:	ENG 3:	ENG 4:		
Propeller serial no.	PROP 1:	PROP 2:				
Purpose:	<input type="checkbox"/> First Issue	<input type="checkbox"/> Renewal	(C of A No: Expiry Date:)			

S = Satisfaction U/S = Unsatisfactory N/A = Not applicable

A.	Documentation	S	U/S	N/A	Remark
*	1. Documents required (First Entry)				
	1.1 MPD Rev: Date:				
	1.2 MMEL Rev: Date:				
	1.3 Aircraft & Engine Maintenance Manual Rev: Date:				
	1.4 Aircraft Flight Manual Rev: Date:				
	1.5 Weight & Balance Manual Rev: Date:				
	1.6 Illustrated Parts Catalog Rev: Date:				
	1.7 Wiring Diagram manual Rev: Date:				
	1.8 Electrical Load Analysis Rev: Date:				
	1.9 TCDS and letter of TC & STC accepted by CAAT				
	2. Documents Required (AOC Continue Airworthiness)				
	2.1 Approved MPD Rev: Date:				
	2.2 Approved MEL Rev: Date:				
	2.3 Electrical Load Analysis Rev: Date:				
*	3. Export C of A within 60 days (For initial Issuance of C of A Only)				
	3.1 First Entry in Thailand (State:)				
*	4. Weight & Balance Record (within 1 year from C of A submitting date)				
*	5. AD Compliance Statement				
	a. Airframe				
	b. Power Plant				
	c. Propeller				
	d. APU & Component				
	6. Life Limited Parts				
	7. Hard time Components				
	8. Aircraft Repair Record				
	9. Modification Record (SB, STC, etc.)				
*	10. Flight Test Report / Last Journey Log				



A.	Documentation (cont'd)	S	U/S	N/A	Remark
*	11. Engine & Propeller Production or Maintenance Release Documents				
	a. Engine Date: TSO: TSN:				
	b. Propeller Date: TSO: TSN:				
	c. APU Date: TSO: TSN:				
*	12. Manufacturing Certificate of Conformity (new aircraft)				
*	13. Certificate of Release to Service & Maintenance Record				
*	14. Logbooks and associated records				
	a. Airframe				
	b. Engine				
	c. Propeller				
	d. APU				
	15. Passenger cabin configuration (LOPA) with Emergency Equipment List				
*	16. Compass Swing Record Date:				
	17. Mode S Transponder coding				
	18. ELT coding				
*	19. Maintenance Review Checklist/ Report				
B.	General	S	U/S	N/A	Remark
	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				
	3. Manufacturer's data plat				
C.	Flight Deck Inspection	S	U/S	N/A	Remark
	1. Inspect the condition of following items:				
	(a) Instrument security and Lighting				
	(b) Windshields and Windows (delamination, scratches, crazing, and general visibility)				
	(c) Emergency equipment (condition, location and quantity)				
	(d) Seat belts and shoulder harnesses (Technical Standard Order making, metal to metal latching, and general condition)				
	(e) Aircraft configuration conforms to approved documents				
	(f) Compass Swing correction card				
	(g) Test the ELT for operation and recording of signal in the portable tester for ELT 406 MHz & 121.5 MHz				
	(h) Interphone system				
	(i) Test the TCAS & EGPWS system on Test Mode				
	(j) VHF communication/ VOR system for operation				

C.	Flight Deck Inspection (Cont'd)	S	U/S	N/A	Remark
	(k) HF system for operation including SELCAL check				
	(l) WX Radar system for operation (TEST MODE ONLY)				
	(m) Operational test of CVR including all the four channels				
	(n) Operation test of FDR				
	2. Check the following in the cockpit:				
	(a) Crew seat including the jump seat, if installed, to ensure the seat is serviceable and that seat belt and shoulder harnesses are available.				
	(b) Surveillance Camera and Cockpit Door				
	3. Documents on Board				
	(a) Copy of AOC and Operation Specification				
	(b) Weigh and Balance Report				
	(c) C of A				
	(d) C of R				
	(e) Aircraft Flight Manual (including Supplement) Rev:..... Date:				
	(f) Minimum Equipment List Rev: Date:				
	(g) Cabin Crew Manual				
	(h) Certificate of Release to Service				
	(i) Technical Log/ Maintenance Log/ Journey Log (including MEL lists)				
	(j) Certificate of Insurance				
	(k) Noise Certificate				
	(l) Radio License				
	(m) Repair & Damage status (Dent and Buckle Chart)				
D.	Cabin Inspection: Inspect the cabin, to include the following:	S	U/S	N/A	Remark
	1. Lavatory to ensure the following:				
	(a) Conformity of all Placards and Marking				
	(b) General Condition (including fire extinguisher, boiler and leakage)				
	2. Flight attendant's seats				
	3. Cabin emergency equipment, to include the following:				
	(a) Flight attendant flashlight 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 installed on Flight Deck)				
	(d) First aid kit (seal and security)				

D.	Cabin Inspection: Inspect the cabin, to include the following: (Cont'd)	S	U/S	N/A	Remark
	(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)				
	(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				
	7. Windows and ceiling panels				
E.	Inspect the Fuselage and Cargo Compartment	S	U/S	N/A	Remark
	1. Marking of break-in point (if any)				
	2. External fuselage condition				
	3. Check Cargo Compartment for Integrities and condition including ceiling light, smoke detector fire protection and fire extinguisher for expiration and operation of Cargo loading system				
	4. Ensure all required placards and marking are properly installed and legible.				
F.	Inspect the landing gear and wheel well areas for the following:	S	U/S	N/A	Remark
	1. Any indication of wear, chafing lines, chafing wires, cracks, dents, corrosion or other damage				
	2. Wheel and brake installation, Safety locking devices and Tire condition				
	3. Hydraulic leaks (gear struts, actuators, steering valves, etc.)				
G.	Inspect the wings and pylons to include the following:	S	U/S	N/A	Remark
	1. Structure Leading edge and Trailing edge for cracks, corrosion, dents or other damage				
	2. Static Dischargers/wicks: Check for condition and number missing				
	3. Ailerons and aileron tabs (cracks, corrosion, dents, delamination)				
	4. Flaps and Flap wells (cracks, corrosion, dents, delamination, plumbing and general condition of lines and wires)				
	5. Static Dischargers/wicks: Check for condition and number missing				

G.	Inspect wings and pylons to include the following: (Cont'd)	S	U/S	N/A	Remark
	6. Access door, inspection panels, and blowout panels (missing, loose, or improperly secured)				
H.	Inspect the engines, to include the following:	S	U/S	N/A	Remark
	1. Intake for fan blade damage and oil leaks				
	2. Engine Cowling for security and proper fit including for missing or loose fasteners and Fluid leaks				
	3. Exhaust for turbine and tailpipe damage, and evidence of fluids				
	4. Reverser doors for stowage and security, and evidence of leaks				
	5. Access doors for security				
	6. Engine air inlet (lip skin, riveting, spinner and probes sensors) and Fan blades				
I.	Inspect the propellers, if installed, for the following:	S	U/S	N/A	Remark
	1. Leading edge of propeller for cracks, dents, and other damage				
	2. De-Ice boots for signs of deterioration and security				
	3. Spinners for security, cracks, and evidence of fluid leaks				
J.	Inspect the empennage, to include the following:	S	U/S	N/A	Remark
	1. All lights (general condition, broken lenses, etc.)				
	2. Missing static discharge eliminators				
	3. Leading edge, vertical & horizontal stabilizers, Elevator, rudder, and trim tabs (cracks, corrosion, dents, and delamination)				
	4. Elevator and rudder power unit for evidence of hydraulic leaks				
K.	Inspect the APU area, to include the following:	S	U/S	N/A	Remark
	1. Air intake & inlet door (obstruction and condition)				
	2. Cowl doors (damage, condition and leakage)				
	3. Exhaust (damage, condition and leakage)				
	4. APU Fire Extinguisher Indicator (if any)				
L.	Export C of A	S	U/S	N/A	Remark
	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)				

Document required for issue C of A.

1. C of A application form
2. C of A issue/renew inspection checklist
3. Copy of Item (*)



Item	Finding	Registration Mark -
Inspector Name: 1. 2.		Sign:
Company Authorized Person Acknowledge:		Sign:
Position:		
Date:		