



**Airworthiness and Aircraft Engineering
Department**

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

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

S = Satisfactory

U/S = Unsatisfactory

N/A = Not applicable

A.	Documentation	S	U/S	N/A	Remark
*	1. Document required				
	General				
	1.1 Aircraft Flight Manual (AFM) Rev..... Date.....				
	1.2 Flight Crew Operation Manual (FCOM) Rev..... Date.....				
	1.3 Aircraft Maintenance Manual (AMM) Rev..... Date.....				
	1.4 Engine Maintenance Manual (EMM) Rev..... Date.....				
	1.5 Maintenance Planning Document (MPD) (If Any) Rev..... Date.....				
	1.6 Master Minimum Equipment List (MMEL) (If Any) Rev..... Date.....				
	1.7 Illustrated Parts Catalog (IPC) Rev..... Date.....				
	1.8 Wiring Diagram Manual (WDM) Rev..... Date.....				
	1.9 Assembly Manual (For disassembly shipment) Rev..... Date.....				
	1.10 TCDS and letter of TC & STC accepted by CAAT				
	For AOC only				
	1.11 Customized Maintenance Program Rev..... Date.....				
	1.12 Minimum Equipment List (MEL) Rev..... Date.....				
*	2. Export C of A within 60 days (For initial issuance of C of A Only)				
	2.1 First Entry in Thailand (State:)				
	3. Latest C of A				
*	4. Maintenance Review Checklist				
*	5. AD, Mandatory/Alert SB and Mandatory/Alert SL Compliance Statement				
	a. Airframe				
	b. Power Plant				



A.	Documentation (cont'd)	S	U/S	N/A	Remark
	c. Propeller				
	d. Component				
*	6. Logbooks and associated records				
	a. Airframe Date..... TSO..... TSN.....				
	b. Engine Date..... TSO..... TSN.....				
	c. Propeller Date..... TSO..... TSN.....				
	7. Hard Time, Life Limited Parts List and Record with Appropriate Certificate (CAAT Form 1, C of C, etc.)				
	8. Aircraft Repair Record (Dent and Buckle, etc.)				
	9. Modification Record (SB, STC, etc.)				
	10. Electrical Load Analysis				
*	11. Compass Swing Record Date.....				
	12. Mode S Transponder coding record				
	13. ELT coding record				
*	14. Engine & Propeller Production or Maintenance Release Documents				
	a. Engine Date..... TSO..... TSN.....				
	b. Propeller Date..... TSO..... TSN.....				
*	15. Maintenance Record & Certificate of Release to Service (CRS)				
	16. Manufacturing Certificate of Conformity				
*	17. Weight & Balance Record (within 1 year from C of A submitting date)				
*	18. Flight Test Report / Last Journey Log				
	19. Passenger cabin configuration (LOPA) with Emergency Equipment List				
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 plate				
C.	Flight Deck Inspection	S	U/S	N/A	Remark
	1. Inspect the conditions of following items:				
	VFR Day				
	a. Instrument security and range markings				
	b. Magnetic Compass (Standby Compass)				
	c. Airspeed Indicator				
	d. Sensitive altimeter adjustable for barometric pressure				
	e. Vertical Speed Indicator (Rate-of-climb and Descent)				

C.	Flight Deck Inspection (Cont'd)	S	U/S	N/A	Remark
	f. Clock (Specific Hour, Minute, Second)				
	g. Tachometer for each engine				
	h. Oil pressure gauge for each engine using pressure system				
	i. Oil temperature gauge for each air-cooled engine				
	j. Temperature gauge for each liquid-cooled engine				
	k. Manifold pressure gauge for each altitude engine				
	l. Fuel Quantity and Fuel Flow meter				
	m. Landing Gear Position Indicator. (for retractable landing gear aircraft)				
	VFR Night (Additional to VFR Day)				
	a. Position Light or Navigation Light Switch				
	b. Anti-collision Light (Beacon Light/Strobe Light) Switch				
	c. Landing Light Switch				
	d. Taxi Light Switch (If installed)				
	e. Instrument panel system				
	f. Internal lighting system				
	IFR (Additional to VFR Day and VFR Night)				
	a. Two-way Communication (VHF, etc.)				
	b. Turn and Slip Indicator or Turn Coordinator				
	c. Gyroscopic pitch and bank/Attitude indicator (artificial horizon)				
	d. Gyroscopic direction/Heading Indicator				
	e. Outside Air Temperature (OAT)				
	f. Microphones/Interphone system – select Com 1 and Com 2 to ensure systems are working,				
	g. Navigation equipment suitable for the route to be flown or as required by ATC				
	- Transponder (Mode A/ Mode S – for aircraft entered designated airspace)				
	- VHF Omni-direction Range or VOR / GPS (If install)				
	- Distance Measuring Equipment (DME)				
	2. Seat belts and shoulder harnesses (Technical Standard Order making, metal to metal latching, and general condition)				
	3. Compass Swing correction card				
	4. Test the ELT for operation and recording of signal in the portable tester				



C.	Flight Deck Inspection (Cont'd)	S	U/S	N/A	Remark
	5. Documents on Board				
	5.1 General				
	a. C of R				
	b. C of A				
	c. Journey Log (including MEL lists) Certificate of Insurance				
	d. Radio License, should there be any communication radio				
	e. Aircraft Flight Manual/Pilot Operation Handbook Rev..... Date.....				
	f. Intercept Procedures				
	5.2 For AOC only				
	a. Copy of AOC and Operation Specification				
*	b. Technical Log/ Maintenance Log/ Release to Service				
*	c. Weigh and Balance Report				
	d. Minimum Equipment List Rev..... Date.....				
	e. Repair & Damage status (Dent and Buckle Chart)				
	f. Noise Certificate (if any)				
D.	Cabin Inspection: Inspect the cabin, to include the following:	S	U/S	N/A	Remark
	1. Cabin emergency equipment, to include the following:				
	a. Flashlight				
	b. First aid kit (seal and security)				
	c. Emergency oxygen for proper pressure and security (over 10,000 feet)				
	d. Fire extinguishers for security, pressure, seal, and date of last inspection.				
	○ 1 for cockpit area				
	○ 1 for cabin area (If cabin area separated from cockpit area)				
	e. Emergency briefing cards				
	Flight over water (when flying en route over water beyond gliding distance from the shore)				
	For Landplane				
	f. Life jacket or equivalent individual floatation device for each person				
	For Seaplane (Additional to Landplane)				
	g. Equipment for making the distress signals				
	h. Anchor				
	i. Sea anchor (drogue), when necessary to assist in maneuvering				
	2. Crew and passenger seats ensure integrities and condition				

E. Baggage Compartment	S	U/S	N/A	Remark
1. Ensure properly latch and lock of baggage compartment door, hinge, latch				
F. General Condition of Exterior:	S	U/S	N/A	Remark
1. Any indication of wear, chafing lines, chafing wires, cracks, dents, corrosion or other damage of Fuselage, wing, wheel well, empennage and canopy				
2. Ensure proper condition of Wings (Aileron, Trim, Flap, Pitot and Static Discharge) for cracks, corrosion, missing, dents or other damage				
3. Ensure condition of empennage (Horizontal Stabilizer, Elevator Trim, Vertical Stabilizer, Rudder)				
4. General condition of Engine (Cowling, pylon and Buffer, Battery, Generator or Alternator)				
5. General condition of Propeller and Spinner (chafing, crack, dent)				
6. Anti-Collision light (Beacon light, Strobe Light), Navigation light, Taxi light and Landing light.				
7. Pitot/Static (Damage, Block and Corrosion)				
8. Antenna Placement and Condition				
G. 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 (*)



**Airworthiness and Aircraft Engineering
Department**

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Inspection Check List
Less than 5,700 Kgs**

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