



PART 125 AIRCRAFT AIRWORTHINESS – INSPECTION CHECKLIST

AIRCRAFT –

Dated:.....

ITEM	TASKS REQUIREMENTS	COMPLIES
1.	If a Type Acceptance Certificate is already granted, TAC No: TA - AW - Date Issued: _____ Category: STANDARD (Part 21.17) (21- 41(1))	
2.	Acceptance of Conformity received: Export C of A No:_____ Or equivalent not less than 28 days.	
3.	(Modifications and Repairs conform to Design Changes approved for the type. (AAC 21-2, EM 21.37, Part 21.41)(3).	
4.	Correct model and designation of the aircraft confirmed.	
5.	All Applicable Airworthiness Directives (Part 21.41(3)) compliance confirmed.(Part 39). Obtain listing for aircraft files including SB compliances	
6.	Aircraft Flight Manual verified if at its latest revision.	
7.	MEL for the aircraft assessed and approved.	
8.	Aircraft has undergone an inspection I.A.W. Part 43 or equivalent within 60 days, and confirmed certified in aircraft log book. (Part 21.41 (8)- Standard and Restricted category requirements)	
9.	Additional requirements of Part 26 Appendix A, Appendix B and Appendix C complies with Part 91 inspection requirements, i.e. Rule: 91.605(e)(1) – Radio Station test –24 mnths 91.605(e)(2)– Altimeter test – 24 mnths..... 91.605(e)(5)– Compass Calibration -24 mnths 91.605(e)(3)– SSR Transponder – 24 mnths..... 91.605(e)(4)– ELT Test -12 mnths or battery replaced after > 1 hour usage 91.605(e)(8)– Emergency Equipment & test – 12 mnths or OEM limit... 91.605(e)(10) – Weighing records – 5 yearly	
10.	Previous aircraft Certificate of Airworthiness and it category issued (Part 21.35).	
11.	Aircraft, Engines and Propeller Hubs and Blades Serial Numbers as stated in the Logbook verified to be the same on physical inspection of the components.	
12.	Certification of all applicable Service Bulletins, Airworthiness Directives and all inspections verified to be at its latest revision of the applicable manual verified signed, with License Numbers and date.	
13.	The aircraft Technical logbook in compliance with Rule 91.619	
14.	Listing of aircraft life limited parts (LLPs) – ensure within prescribed schedule.	

PART 47 REGISTRATION REQUIREMENTS		
1.	Identifiable Paint Schemes and markings same as in Application Form CAA 47/02 and submitted with three colored photos. (Part 47.105)	
2.	Nationality and Registration Marks are in Capital Letters in Roman character and with an Arabic numeral 2 with no ornamentation. (Part 47.117)	
3.	A Three view set of photograph that clearly show the paint scheme and markings of the aircraft (Rule 47.105 (b) (3).	
4.	Nationality and Registration marks letters are of equal height with a margin of at least 50 mm along each edge of the surface it is affixed. (Part 47.119)	
5.	Identification plate etched, stamped or engrave with the allocated nationality and registration marks and shall be fireproof metal or material of suitable physical properties.(Part 47.121)	
6.	Identification plate affixed to a prominent position near the main point of entrance to the aircraft. (Part 47.121).	
7.	De-registration letter for the previous aircraft registration. Check and retain in aircraft file.	
PART 26- PNG ADDITIONAL REQUIREMENTS		
ITEM	TASK REQUIREMENTS	COMPLIES
1.	CAA Form 337- Approval of Technical data submitted if applicable (Part 21.95)	
2.	Statement of compliance provided by a PNG Design Organization stating that the technical data meets the requirements of Part 21.23, Foreign Type certificate submitted.	
PART 26 APPENDICES A AND B –AEROPLANES WITH A TYPE CERTIFICATED SEATING CAPACITY OF MORE THAN 9 PASSENGERS		
1.	Each normal and emergency exits shall be clearly and conspicuously marked with the means of opening the exit and as EXIT or EMERGENCY EXIT as applicable- -on both the inside and outside of the exit; or -on both the inside and outside of the aircraft on a surface adjacent to the exit Appendix A.1(a)(1),(2)	
2.	All instructions for operation of the exits shall be concise and in easily readable letters on a contrasting background Appendix A.1(b)(1),(2)	
3.	Each external door and exit shall be operable from the inside and, except for sliding window exits in the flight crew compartment, the outside Appendix B.1(1)	
4.	Each external door and exits shall be unobstructed by seats, seat backs, or other equipment Appendix B.1(2)	
5.	Each external door and exit shall have a means of locking that prevents inadvertent opening in flight by persons or as a result of mechanical failure Appendix B.1(3)(i)	
6.	Each external door and exit shall have a means when the door's initial opening movement is outwards, for the crew members to directly view the locking mechanism to determine that the door is fully closed and locked Appendix B.1(3)(ii)	
7.	Each external door and exit shall have a means when the door is normally used to load and unload the aeroplane, of visually indicating to the crew members that the door is not fully closed and locked Appendix B.1(3)(iii)	

8.	The passenger entrance door must qualify as a floor level emergency exit. If an integral stair is installed at such a passenger entrance door, it must be designed so that when subject to the inertia forces specified in the airworthiness design standard for the aeroplane and the following collapse of one or more legs of the landing gear, it will not interfere to an extent that will reduce the effectiveness of emergency egress through the passenger entry door Appendix B.2.1(a)	
9.	Each aeroplane shall be equipped with exits additional to the passenger entrance door including for an aeroplane with a type certificated seating capacity of less than 16 passengers, an exit on each side of the fuselage meeting the requirements of item 12 below, or Appendix B.2.1(b)(1)	
10.	Each aeroplane shall be equipped with emergency exits additional to the passenger entrance door including for an aeroplane with a type certificated seating capacity of between 16 and 23 passengers, one exit on the same side as the passenger entrance door, meeting the requirements of item 12 below Appendix B.2.1(b)(2)	
11.	Each aeroplane shall be equipped with emergency exits additional to the passenger entrance door including for an aeroplane with a type certificated seating capacity of between 16 and 23 passengers, two exits on the side opposite the passenger entrance door, meeting the requirements of item 12 below Appendix B.2.1(c)	
12.	Emergency exits must be movable windows, panels, canopies, or external doors, openable from both inside and outside the aeroplane, that provide a clear and unobstructed opening large enough to admit a 19-by-26 inch ellipse. Auxiliary locking devices used to secure the aeroplane must be designed to be overridden by the normal internal opening means. Appendix B.2.1(d)	
13.	In addition to item 12 above, each emergency exits must be readily accessible, requiring no exceptional agility to be used in emergencies Appendix B.2.1(d)(1)	
14.	In addition to item 12 above, each emergency exit must have a method of opening that is simple and obvious Appendix B.2.1(d)(2)	
15.	In addition to item 12 above, each emergency exit must be arranged and marked for easy location and operation, even in darkness Appendix B.2.1(d)(3)	
16.	In addition to item 12 above, each emergency exit must have reasonable provisions against jamming by fuselage deformation Appendix B.2.1(d)(4)	
17.	Each emergency exit required for the type certification of the aircraft shall be located over the wing, or item 18 below Appendix B.2.2(1)	
18.	Each emergency exit required for the type certification of the aircraft shall, for exits 2m or more from the ground with the aeroplane on the ground and the landing gear extended, have a means of assisting the occupants to descent to the ground Appendix B.2.2(2)	
19.	Each emergency exit shall be identified by a sign that has the word EXIT in 25 mm high white letters on a 50 mm high red background, or item 20 below Appendix B.2.3(1)(i)	
20.	Each emergency exit shall be identified by a sign that has the word EXIT in 25	

	mm high red letters on a 50 mm high white background Appendix B.2.3(1)(ii)	
21.	Each emergency exit shall be identified by a sign that is self illuminating or is electrically illuminated independently from the main lighting system Appendix B.2.3(2)	
22.	Each emergency exit shall be identified by a sign that has a minimum brightness of 160 microlamberts Appendix B.2.3(3)	
23.	Each aeroplane equipped with wing flaps and retractable landing gear shall have a landing gear aural warning device Appendix B.3.1(a)	
24.	Each landing gear aural warning device shall function continuously when the wing flaps are extended to a normal position for landing in preparation for landing, and the landing gear is not fully extended and locked Appendix B.3.1(b)(1)	
25.	Each landing gear aural warning device shall not have a manual shut off Appendix B.3.1(b)(2)	

PART 91- GENERAL OPERATING AND FLIGHT RULES		
ITEM	TASK DESCRIPTION	COMPLIES
1.	The aircraft complies with the requirements of Part 21.41, i.e. "Standard or Restricted Category" and issued with a Type Acceptance Certificate.	
2.	The aircraft is certified fit for release to service by a person with an appropriate license and rating and certified I.A.W. Part 43.	
3.	The aircraft is registered in PNG and identified in accordance with the requirements of Rule Part 47.	
4.	The aircraft is in compliance with the operating limitations specified in the latest revision of the Flight Manual.	
5.	The aircraft has a Technical Logbook and Certificate of Registration.	
6.	The aircraft has a Noise Certificate if applicable.	
7.	The Instruments comply with Appendix A of Part 91, i.e. a) Markings and Placards displayed in a conspicuous place and in such manner to minimize risk of erasure, disfigurement, obscuring or removal. b) The Markings and placards are in I.A.W. the related Flight Manual; c) The numberings are in Arabic numerals and in the English Language.	
8.	Fuel Quantity Gauges are calibrated and clearly marked to show the calibration as per AFM chapter 2 limitations section prescription.	
9.	Fuel and Oil Filler Cap placarded with the specification and/or Grade of fuel or oil as appropriate.	
10.	Seats and Seat berths meets the requirements of TSO C25 or TSO C39 as applicable. Appendix A.3	
11.	Safety belts meets the requirements of TSO C22 or ISO/FIA 8853 or 150/FIA 8854 or UK CAA Airworthiness Specification No. 1 Appendix A.4(a)	
12.	Safety Belts with single diagonal shoulder straps meet the requirements of TSO C22 or UK Airworthiness Specification No.13. Appendix A.4(b)	
13.	Safety Harness meets the requirements of TSO C114 or UK CAA Airworthiness Specification No. 4. Appendix A.4(c)	

14.	Safety Harness incorporates an Inertia Reel. – Pilot & Co - Pilot Appendix A.4(d)	
15.	Safety belts with single diagonal shoulder straps and safety Harness have a single point of release. Appendix A.4(d)	
16.	Child Restraint Systems secured to aircraft seat or berth by a safety belt meeting the requirements of TSO C22. Appendix A.5(1)	
17.	Child Restraint System is not fitted with a Tether strap that secures the top of the infant or child seat and meets the requirements of TSO C100 or the Australian Standard 1754 or U.S. standard FM, VSS 213 or European Standard ECE 44. Appendix A.5(2) and (3)	
18.	Anti-Collision lights are Red rotating beacon or Aviation Red or White capacitor discharge light meeting the requirements of TSO C96 or the minimum standard of the applicants design. Appendix A.6(a)(2)	
19.	Aircraft position lights meets the requirements of TSO C30 and lights making a single circuit, red light on port, green light on starboard placed laterally as far as practicable and visible forward of the aircraft and a white light placed as far aft as practicable on the tail or wingtip and visible rearward of the aircraft Appendix A.6(c)	
20.	Aircraft Flight Time Recorders installed is in accordance with the requirements of part 91 Appendix 7(b) Comment-Did not find this in Part 91 Appendices	
21.	Aircraft exceeding 5700 KG have a counter/pointer type at the normal pilot-in-command position and either counter/pointers or drum/pointers at other crew station. Appendix A.8(a)(2)	
22.	Three pointer Altimeters have a striped low altitude warning sector. Appendix A.8(c)	
23.	Aircraft with no sensitive pressure Altimeter is fitted with an Altimeter calibrated in increments of not more than 200 feet. Appendix A.8(e)	
24.	For aircraft type certificated before 11 August 1971 the anticollision light system shall meet the requirements of FAR 23, 25, 27, or 29 as applicable, except that the color may be either aviation red or aviation white Appendix A.6(b)	
25.	Fire Extinguisher type is BCF	
26.	Life Preserver meets the requirements of TSO C13 or European Normal EN396.	
27.	First aid kit installed	

ITEM	DETAILS OF REQUIREMENTS	COMPLIES
1.	Requirements of Part 91 on types of Instruments and Equipments.	
2.	Windshield Wiper for each Pilot Station.	
3.	Power Supply and Distribution is able to produce and distribute load for the required Instrument and equipment if any power source or component of the power supply systems fail. Part 125.355(1).Review Electrical Load Analysis data	
4.	Two landing lights or a single landing light unit with two independent filaments and a light providing general illumination in each passenger compartment. Part 125.357(1)	

5.	If operating under IFR, equipped with an additional and independent airspeed, calibrated in knots with prevention of malfunction due to icing or condensation. Part 125.359(a)(1)(i)	
6.	An Attitude Indicator powered by a separate source. Part 125.359(b)	
7.	Spare Bulbs for Cockpit Instruments illumination and can be change in flight. Part 125.359(a)(2)	
8.	Separate Spare fuses that can be changed in flight. Part 125.359(a)(3)	
9.	An additional and independent means of indicating sensitive pressure altitude, calibrated in feet. Part 125.359(a)(1)(ii)	
10.	Aero plane is equipped with Public address. Part 125.365	
11.	Turbine powered airplanes certificated with 9 passenger seats or more must be fitted with a Cockpit Voice recorder. Part 125.367	
12.	Flight Data recorder fitted. Part 125.369	
13.	Third presentation of Attitude Indicator fitted, for turbojet or turbo fan powered aeroplanes. Part 125.371	
14.	Weather Radar, for turbine powered aeroplanes. Part 125.373	
15.	GPWS fitted EGPWS, shall meet the requirements of the TSO C92 series. Part 125 Appendix A.7	
16.	Terrain Awareness Warning Systems (TAWS or EGPWS) if fitted.	
17.	ACAS II (Airborne Collision Avoidance System) if fitted.	

ITEM	TASK DESCRIPTION	COMPLIES
1.	Check Fuselage for corrosion and general condition.	
2.	Check Empennage for general condition and corrosion.	
3.	Check Horizontal and Vertical Stabilizers for condition, corrosion and freedom of movement.	
4.	Check LH and RH wing for general condition and corrosion.	
5.	Check wing flaps, ailerons, elevators, rudder, and trim tabs for general condition, corrosion, and correct travel and movement.	
6.	Check Cabin aesthetics & windows for general condition and deterioration.	
7.	Check main and nose gear wheel wells, tyres, brake wear pins etc. for general condition, hydraulic leaks etc.	
8.	Check Cockpit for general condition.	
9.	Check Compass card for date of calibration.	
10.	CAA Form CA 2129 – Equipment Approval Levels – (AC 43 -12)	
11.	Check Radio Call sign if fitted in front of Instrument panel.	
12.	Check Flight Manual Stowage if fitted.	
13.	Check Safety equipments for Ice protection if required.	
14.	Check seats and seat rails for condition and deterioration.	
15.	Check Emergency Exits for proper locking and legibility of placards.	
16.	Check Fuel filler caps for proper locking and appropriate markings.	
17.	Check Instruments for correct limitations I.A.W. Flight Manual.	
18.	Check all Portable Fire Extinguishers for proper contents and expiry date.	
19.	Check Instrumentation for VFR Operation.	
20.	Check Instrumentations for IFR Operation.	

21	Check ELT if the correct type per Rule Part 91 Appendix 15, expiry date and location of antenna. – 15 digit code.....	
22	Check Avionics racks for condition and proper locking of Radio equipments.	
23	Check Engines and Propellers if applicable, for leaks, condition and corrosion.	
24	Check all placards are in place and in a satisfactory condition.	
25	Issue C of A and C of R for the aircraft and to include the Approved AFM. Ensure copy is in aircraft file.	

Date Inspected:

Inspected by:

Location: