

INSPECTION CHECKLIST FOR ISSUE, RE-ISSUE OR AMENDMENT OF AN AUTHORITY TO FLY FOR AN AMATEUR AIRCRAFT

Note: Please mark the applicable block

Registration				Build # (if Applicable)				
Aircraft type	Veteran		Ex-military	Production Built	Amateur-built			
Aircraft Classification	Aeroplane		Helicopter	Gyro-plane/glider	Glider			
Balloon	Microlite		Hang glider	Paraglider	Other			
Name of applicant								
Name of Organisation								
Aircraft category:								
Name of Operator								
Name of Airworthiness Inspector performing the inspection:								
Date of inspection								
Time								
Type of inspection								
ISSUE		AMENDMENT		POST ACCIDENT		RE-ISSUE		
Airframe Serial Number			Total Airframe Time	TSN			CSN	
A.	DOCUMENTATION				Yes	No	N/A	Note
1	Is the C of A / export application correctly filled out and fee paid?							
2	Is the certificate of registration available?							
3	Certificate of Registration: Confirm that Aircraft Registry has entered the correct manufacturer and type designation for the aircraft IAW the Type Approval Data Sheet (TADS) or Proving Flight Data Sheet (PFDS) ,Revoked Type Certificate Data Sheet(RTCDs) (CAR 24.01.4)							
4	Is the current ATF available? Obtain original if not already on file							
5	Does the aircraft have a certificate of conformity?							
6	Has the aircraft completed proving flight?							
7	Does the aircraft being exported, meet the special requirements prescribed by the authority of the importing State (CAR 21.11.3)?							
8	Is the Flight Manual available, updated, AFM accepted by the SACAA and STC or modification supplements added? (SA-CATS 24.01.4)							
9	Is a list of visual signals for intercepted aircraft available? (CA 91.03.1)							
10	Has the performance flight test or post maintenance test flight been carried out and does performance meet AFM/TADS/PFDS/RTC? (CAR 44.01.11)							
11	Confirm written permission from owner to conduct the test flight							
12	Check certification in airframe logbook if aircraft is safe for flight. (CAR 44.01.13)							
13	Is the Radio Station Licence available or proof of payment available? (CAR 91.03.1): (Note Proof of payment not acceptable for flights outside RSA borders)							

14	Is the Flight Folio available? (CAR 91.03.01)				
15	Is the Mass and Balance document/ weighing report available? (prior to initial entry into operation or at intervals of five years) (CAR 44.01.9)				
16	Is the equipment list available, current and certified? (CAR 91.07.11)				
		Yes	No	N/A	Note
17	Obtain a list of STCs and modifications embodied on the aircraft: Are these recorded in the new logbooks and is all approved data available? (CAR44.01.10)				
18	Is the data for continued airworthiness of these STCs and modification available and current?				
19	Are there any outstanding modifications?				
20	Is the electrical load analysis available, correctly filled out, and up to date?				
21	Type of maintenance check last carried out on the aircraft				
		Yes	No	N/A	Note
22	Is the Maintenance work-pack satisfactorily completed?				
23	Is the inspection report (form CA 24-04) available? Obtain a copy (CATS 44.01.6)				
24	Is the inspection reminder available? Obtain a copy (CATS 44.01.6)				
25	Is the Certificate of Release to Service available? Obtain a copy (CAR 44.01.13)				
B.	AIRFRAME	Yes	No	N/A	Note
1	Are logbooks correctly filled out and up to date? (CAR 44.01.3)				
2	Is there a record of major damage sustained? Obtain copies: (CAR 44.01.16)				
3	Were all the repairs done in accordance with the approved data? Obtain copies.				
4	Is the Compass Swing certified in the logbook or similar document? (CAR 44.01.12)				
5	Confirm Airworthiness Directives/Bulletins up to date & obtain copies: (CAR 24.01.6)				
6	History available for all life limited components? Obtain copies				
7	Are there any conflicting entries between the components and the components records?				
8	Was cabin interior / Upholstery replaced?				
9	Name of organisation or AP that performed this replacement?				
		Yes	No	N/A	Note
10	Does cabin material meet fire protection specification requirement to render it fire resistant (CAR 24.01.2)?				
11	Obtain a copy of the record of this compliance.				
12	Fabric covered aircraft: record of tensile test?				

C. ENGINES							
Manufacturer		Designation					
				Yes	No	N/A	Note
1	Are the engines the correct type and designation in accordance with Type Approval Data Sheet (TADS) , Proving Flight Data Sheet(PFDS),Supplemental Type Certificate (STC) or Revoked TCDS?						
2	Serial numbers:	1.	2.				
3	Date of installation in airframe?	1.	2.				
4	Date of last shop visit?	1.	2.				
5	Work conducted at last shop visit?	1.	2.				
6	Hours at last shop visit?	1.	2.				
7	TTSN:	1.	2.				
8	TSOH:	1.	2.				
9	TCSN (if Applicable):	1.	2.				
10	Logbooks correctly opened / updated?	1.	2.				
11	Obtain copies of history / logbooks:	1.	2.				
				Yes	No	N/A	Note
12	Confirm Airworthiness Directives/Bulletins are up to date.						
13	History available for life limited components?						
14	Are there any conflicting entries between the components and the components records?						
15	Are there any discrepancies in the logbooks?						
D. PROPELLERS							
Manufacturer		Designation					
				Yes	No	N/A	Note
1	Are the propellers of the correct type and designation in accordance with Type Approval Data Sheet (TADS) , Proving Flight Data sheet (PFDS),Supplemental Type Certificate (STC) or Revoked TCDS?						
2	Serial number	1.	2.				
3	Date of last shop visit	1.	2.				
4	Work conducted at last shop visit	1.	2.				
5	Hours at last shop visit	1.	2.				
6	Date installed on aircraft	1.	2.				
7	TTSN	1.	2.				
8	TSOH	1.	2.				
9	Blade Calendar Life Expiry?	1.	2.				
10	Date when midlife inspection was last done on the blades?	1.	2.				
11	Logbook correctly opened / updated	1.	2.				
12	Obtain copies of history / logbooks:	1.	2.				
13	Confirm ADs/ SBs up to date & obtain copies (CAR 24.01.6)	1.	2.				
14	Are there any discrepancies in the logbooks?						

E. EQUIPMENT - COCKPIT		Yes	No	N/A	Note
1	Are all placards as required in place as per Type Approval Data Sheet (TADS) , Proving Flight data sheet(PFDS),Supplemental Type Certificate (STC) or Revoked TCDS or the limitations section of the AFM (CAR 24.01.5)				
2	Is the correct call sign on the instrument panel?				
3	Compass deviation card fitted and amended to date?				
4	Communication and Navigation equipment: (CAR 24.01.5)				
5	Does Radio equipment correspond with the equipment list?				
		Yes	No	N/A	Note
6	Navigation and associated equipment? Magnetic compass, clock, altimeter, DI, ASI, VSI, Turn & slip or turn ind, AH/AI, OAT ind, chart holder. (CAR 91.04.5 read together with CAR 24.01.5)				
7	Are instrument markings correct I.A.W. limitations?				
8	Do all altimeters comply with millibar/hectopascal requirement? (CAR 91.04.5)				
9	Are aircraft instrument glasses CRTs / MFDs (glass cockpit) serviceable?				
10	Mach number indicator- (Turbojet/Turbofan types) (CAR 91.04.7)				
11	Fire extinguisher correctly installed and inspection date within limits?				
12	Conditions of seat rails?				
F. EQUIPMENT - GENERAL		Yes	No	N/A	Note
1	406 MHz Emergency Locating Transmitter fitted? (CAR 91.04.23)				
2	Record the 15-digit ELT HEX code:				
3	Confirm registration with SACAA 406MHz ELT database?				
4	Record the Transponder Six digit HEX code and confirm correct as per the SACAA Mode S data base:				
5	Survival equipment (CAR 91.04.26)				
G. Supplemental Equipment		Yes	No	N/A	Note
1	Altitude Alerting System function check:				
2	EGPWS/TAWS Requirement + function check with correct minimums:				
3	Weather radar requirement:				
4	Microphones				
5	Windshield wipers				
H. CABIN					
1	General condition of aircraft cabin:				
2	General condition of seat tracks:				
3	General condition of aircraft seats and seat belts;				
		Yes	No	N/A	Note
4	Supplemental Oxygen fitted? (Pressurised CAR 91.04.15, unpressurised 91.04.16)				
5	Fire Extinguishers fitted? (CAR 91.04.18)				
6	First Aid Kit installed? (CAR 91.04.13)				
		Yes	No	N/A	Note
I. GENERAL EXTERNAL INSPECTION		Yes	No	N/A	Note
1	Does the aircraft have a builders or manufacturer's data plate?				

2	Are the data plate details correct? record data plate details and Verify data plate info against the TADS, PFDS or RTCDS and Certificate of Registration				
3	Fire proof data plate with registration mark near the door or in a prominent place? (SA-CATS-ARM 47.00.3 Para 3)				
4	Registration markings under left wing? (CAR 47.00.3)				
5	Condition of right wing including control surfaces:				
6	Fuselage condition:				
7	Vertical stabiliser including control surfaces and deicer system:				
8	Condition of tailplane including control surfaces, deicer system and trim tabs left and right:				
		Yes	No	N/A	Note
9	Registration Markings? (CAR 47.00.3(3) SA-CATS-ARM 47.00.3 Para 4,6,7,8)				
10	Placarding correct? Fuel, Pitot Static, TAT, AOA, etc. IAW limitations section.				
11	Aircraft operating lights fitted? (CAR 91.04.3)				
12	Static Dischargers/Wicks fitted and serviceable? (CAR 91.04.3)				
J. MAIN LANDING GEAR					
Left serial number:		TSO		Cycles	
Right serial number:		TSO		Cycles	
Condition of brake assembly wear indicators/linings		Left side		Right side	

K. NOSE LANDING GEAR					
Serial number		TSO		Cycles	
General condition of tyres:					
Notable damage in this area:					
L.	ASSESSMENT	Yes	No	N/A	Note
1	Are there any ADs / mandatory SBs that have not been complied with?				
2	Aircraft conformity with type certification?				
3	Does the aircraft appear to be in safe condition for operation (CAR 24.01.2)				
M. CERTIFICATION ON BEHALF OF AIRCRAFT MAINTENANCE ORGANISATION					
I, the undersigned					
Hereby certify that the information supplied to the Airworthiness Inspector is correct and to the best of my knowledge no undisclosed discrepancies exist.					
SIGNATURE OF ORGANISATION AUTHORISED SIGNATORY or APPROVED PERSON:		NAME IN BLOCK LETTERS		DATE	
COMPANY STAMP NUMBER		PLACE OF SIGNATURE		NAME OF ORGANISATION	
Notes:					

