

CGT50 Assembly Checklist



CGT50 ASSEMBLY CHECKLIST

VERSION: V 2.0

EFFECTIVE DATE: 3 April 2023

Read & Do

☐ = If Applicable

	1. DETAILS		
1	Tail Number:		
2	Flight Location:		
3	Date:		
4	Time:		
5	Assembly Checklist Completed By: <i>Technician Name</i>		

2. PREPARATION			
1	Assembly to Take Place Near to Actual TakeOff Area ☐	For 2 Crew Operations	☐
2	TakeOff Table	Assemble , Secure	☐
3	Fuselage Positioned According to Table Markings	Confirm	☐
4	Wing Joiners	Undamaged	☐
5	Wing Joiners Fitted Through Fuselage	Confirm	☐
6	LH Wing Connected to Fuselage Aircraft should be Balanced with a Single Wing Connected	Confirm	☐
7	RH Wing Connected to Fuselage	Confirm	☐
8	S1 - S1	Connected Crosschecked	☐
9	S2 - S2	Connected Crosschecked	☐
10	D1 - D1	Connected Crosschecked	☐
11	D2 - D2	Connected Crosschecked	☐
12	LH Wing Electrical Connector	Connected Crosschecked	☐
13	RH Wing Electrical Connector	Connected Crosschecked	☐
14	LH Wing Nuts 10 Nm Torque	Fasten	☐
15	RH Wing Nuts 10 Nm Torque	Fasten	☐
16	LH VTOL Boom Longer Section to the Front Long Bolt - Rear Short Bolt - Front Fasteners 5 Nm Torque	Assembled, Attached	☐
17	LH VTOL Avionics/Controller Electrical Connector Two XT90 Connectors Remain Disconnected	Connect	☐
18	RH VTOL Boom Longer Section to the Front Long Bolt - Rear Short Bolt - Front Fasteners 5 Nm Torque	Assembled, Attached	☐
19	RH VTOL Avionics/Controller Electrical Connector Two XT90 Connectors Remain Disconnected	Connect	☐
20	Both LH VTOL Motors Tilted Outwards	Confirm	☐
21	Both RH VTOL Motors Tilted Outwards	Confirm	☐
22	GCS Ignition ☐	Off	☐
23	Aircraft Ignition	Off	☐
24	Aircraft Power	Off	☐
25	XT60 Regulator Connection	Connected	☐
26	Shore Power Adjust to 14.5 V	Connect	☐
27	Service Covers & Screws 0.3 Nm Torque	Installed , Secure	☐

3. GENERAL			
1	LH Pitot Tube	Undamaged, Clear	☐
2	LH Static Port	Undamaged, Clear	☐
3	RH Pitot Tube	Undamaged, Clear	☐
4	RH Static Port	Undamaged, Clear	☐
5	All Covers <i>Pitot , Propeller , Exhaust</i>	Installed	☐
6	Undercarriage	Undamaged	☐
7	Fuselage	Undamaged	☐
8	LH Wing	Undamaged	☐
9	Empennage <i>Vertical & Horizontal Stabiliser</i>	Undamaged	☐
10	RH Wing	Undamaged	☐
11	All Antennas	Secured , Undamaged	☐

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