Titan T-51 Owner Sheet	LOCATION NO.	DRAWING <u>NO.</u>	REV.	DETAIL <u>NAME</u>	DRAWING STATUS
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DOC. #1		DOC. #14	В	Construction Brief	
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NT. 2		DOC. #1	Α	T-51 Assembly	
INT. 2	INT. 1	T51-05-INS-1148	Α	Orthographic View	Α
INT. 3				Fuselage Station Overview	
INT. 4	INT. 2	T51-02-ADV-0176	Α	Side View of T-51	Р
No. 1	INT. 3	T51-02-ADV-0177	Α	Top View of T-51	Р
DOC. #3	INT. 4	T51-02-ADV-0178	Α	Wing Spar Layout	Р
DOC. #3				Wing & Center Section ISO	
DOC. #3	INT. 5	92-INS-0198	Α	Hardware Identification	Α
DOC. #4			<u>T-5</u>	1 FUSELAGE INDEX	
DOC. #4		DOC. #3	Α	Fuselage Section	
DOC. #8		DOC. #4		_	
F0.5         T51-09-INS-1847         A         Fuselage Halves Mating Instructions         A           F1         T51-05-INS-1161         B         Hat Section Installation Ins.         A           F2         T51-03-INS-0818         E         Upper & Lower Bulkhead Locations         A           F3         T51-03-INS-0963         C         Hat Section & Stringer Layout         A           F4         T51-07-INS-1606         B         Station #5/Instrument Panel Installation         A           F5         T51-04-INS-1041         E         Station #3 Installation         A           F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.		_		•	
F1         T51-05-INS-1161         B         Hat Section Installation Ins.         A           F2         T51-03-INS-0818         E         Upper & Lower Bulkhead Locations         A           F3         T51-03-INS-0963         C         Hat Section & Stringer Layout         A           F4         T51-07-INS-1606         B         Station #5/Instrument Panel Installation         A           F5         T51-04-INS-1041         E         Station #3 Installation         A           F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-06-INS-1487         D         Firewall Installation Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.         A           F13         T51-03-INS-0944         C         Fuselage Skin Location         A	F0.5				Α
F2         T51-03-INS-0818         E         Upper & Lower Bulkhead Locations         A           F3         T51-03-INS-0963         C         Hat Section & Stringer Layout         A           F4         T51-07-INS-1606         B         Station #5/Instrument Panel Installation         A           F5         T51-04-INS-1041         E         Station #3 Installation         A           F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-06-INS-1487         D         Firewall Installation Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.         A           F13         T51-03-INS-0944         C         Fuselage Skin Location         <					
F3         T51-03-INS-0963         C         Hat Section & Stringer Layout         A           F4         T51-07-INS-1606         B         Station #5/Instrument Panel Installation         A           F5         T51-04-INS-1041         E         Station #3 Installation         A           F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-06-INS-1487         D         Firewall Installation Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.         A           F13         T51-03-INS-0944         C         Fuselage Skin Location         A           F14         T51-05-INS-1175         B         Skin Attachment Ins.         A					
F4         T51-07-INS-1606         B         Station #5/Instrument Panel Installation         A           F5         T51-04-INS-1041         E         Station #3 Installation         A           F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-06-INS-1487         D         Firewall Installation Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.         A           F13         T51-03-INS-0944         C         Fuselage Skin Location         A           F14         T51-05-INS-1175         B         Skin Attachment Ins.         A           F14.1         T51-08-INS-1786         A         Turtle Deck Installation         A					
F5         T51-04-INS-1041         E         Station #3 Installation         A           F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-06-INS-1487         D         Firewall Installation Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.         A           F13         T51-04-INS-1087         A         Skin Attachment Ins.         A           F14         T51-05-INS-1175         B         Skin Attachment Ins.         A           F14.1         T51-08-INS-1786         A         Turtle Deck Installation         A           F15         T51-06-INS-1401         B         Minin Merlin Fwd Baggage Door Installation         A				g ,	
F6         T51-03-INS-0820         D         Center Bulkhead #3 Ins.         A           F7         T51-04-INS-1053         E         Fuselage Former - Station #2 Ins.         A           F8         T51-06-INS-1487         D         Firewall Installation Ins.         A           F9         T51-08-INS-1711         C         Suzuki Firewall Layout Template         A           F10         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0956         B         Fuselage Upper Cowling Stringer Location         A           F11         T51-03-INS-0811         E         Rudder & Elevator Bellcrank Assembly         A           F12         T51-04-INS-1087         A         Skin Attachment Ins.         A           F13         T51-03-INS-0944         C         Fuselage Skin Location         A           F14         T51-05-INS-1175         B         Skin Attachment Ins.         A           F14.1         T51-08-INS-1786         A         Turtle Deck Installation         A           F15         T51-06-INS-1401         B         Mini Merlin Fwd Baggage Door Installation         A           F16         T51-05-INS-1319         B         Fwd Skins Installation Ins.         A </td <td></td> <td></td> <td></td> <td></td> <td></td>					
F7 T51-04-INS-1053 E Fuselage Former - Station #2 Ins. A F8 T51-06-INS-1487 D Firewall Installation Ins. A F9 T51-08-INS-1711 C Suzuki Firewall Layout Template A F10 T51-03-INS-0956 B Fuselage Upper Cowling Stringer Location A F11 T51-03-INS-0811 E Rudder & Elevator Bellcrank Assembly A DOC. #9 A Fuselage Skins F12 T51-04-INS-1087 A Skin Attachment Ins. A F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. A F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
F8 T51-06-INS-1487 D Firewall Installation Ins. F9 T51-08-INS-1711 C Suzuki Firewall Layout Template A F10 T51-03-INS-0956 B Fuselage Upper Cowling Stringer Location A F11 T51-03-INS-0811 E Rudder & Elevator Bellcrank Assembly A DOC. #9 A Fuselage Skins F12 T51-04-INS-1087 A Skin Attachment Ins. F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. DOC. #10 A Inner Cockpit Panels					_
F9 T51-08-INS-1711 C Suzuki Firewall Layout Template A F10 T51-03-INS-0956 B Fuselage Upper Cowling Stringer Location A F11 T51-03-INS-0811 E Rudder & Elevator Bellcrank Assembly A DOC. #9 A Fuselage Skins F12 T51-04-INS-1087 A Skin Attachment Ins. A F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. A F15 T51-08-INS-1786 A Turtle Deck Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
F10 T51-03-INS-0956 B Fuselage Upper Cowling Stringer Location A F11 T51-03-INS-0811 E Rudder & Elevator Bellcrank Assembly A DOC. #9 A Fuselage Skins F12 T51-04-INS-1087 A Skin Attachment Ins. A F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. A F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
F11 T51-03-INS-0811 E Rudder & Elevator Bellcrank Assembly DOC. #9 A Fuselage Skins F12 T51-04-INS-1087 A Skin Attachment Ins. A F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. A F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels				· · · · · · · · · · · · · · · · · · ·	
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F12 T51-04-INS-1087 A Skin Attachment Ins. A F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. A F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels				-	
F13 T51-03-INS-0944 C Fuselage Skin Location A F14 T51-05-INS-1175 B Skin Attachment Ins. A F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels	F12			•	Α
F14 T51-05-INS-1175 B Skin Attachment Ins. A F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
F14.1 T51-08-INS-1786 A Turtle Deck Installation A F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels				•	
F15 T51-06-INS-1401 B Mini Merlin Fwd Baggage Door Installation A F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
F16 T51-03-INS-0960 D Windscreen Trim Installation A F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
F17 T51-05-INS-1319 B Fwd Skins Installation Ins. A DOC. #10 A Inner Cockpit Panels					
DOC. #10 A Inner Cockpit Panels					
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F18 T51-03-INS-0945 F Inner Cockpit Panels A	F18			- <del></del>	Α

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\*\*(A) = APPROVED\*\*

\*\*(P) = PRELIMINARY\*\*

\*\*(O) = OBSOLETE\*\*

LOCATION	DRAWING		DETAIL	DRAWING
<u>NO.</u>	<u>NO.</u>	REV.	NAME	<u>STATUS</u>
F19	T51-04-INS-1052	F	Inner Cockpit Panel Mounting Ins.	Α
F20	T51-03-INS-0893	D	Fwd Rudder Pedal Installation	Α
F21	T51-03-INS-1005	F	Master Brake Cylinder Installation	Α
F22	T51-06-INS-1325	В	Center Pedestal Ins.	Α
F23	T51-04-INS-1000	В	Coolant Line Routing Ins.	Α
F24	T51-04-INS-1096	В	Rudder Pedal Carriage Release Ins.	Α
F25	T51-03-INS-0971	С	Fwd Baggage Door Ins.	Α
F26	T51-03-INS-0950	D	Fuselage Cowling Flange & Skin Location	Α
	DOC. #11	Α	Canopy Installation	
F27	T51-04-INS-1037	E	Cockpit Skin Sectional	Α
F28	T51-07-INS-1681	В	Inner Hoop Panel/Outer Side Skins Installation	Α
F29	T51-03-INS-0649	E	Canopy Track Installation	Α
F30	T51-07-INS-1634	D	Canopy Lock Installation	Α
F31	T51-07-INS-1633	F	Canopy Hoop & Tracks	Α
F32	T51-07-INS-1607	С	Canopy Skirt & Hoop Installation	Α
F32.5	T51-09-INS-1808	Α	Horizontal Stabilizer Placement	Α
F33	T51-03-INS-0822	F	Horizontal Main Spar Carrythru Installation	Α
F34	T51-03-INS-0821	I	Horizontal Stabilizer Ins.	Α
F35	T51-03-INS-0844	С	Horizontal Stabilizer Installation - Aft	Α
F36	T51-03-INS-0937	С	Horizontal Stabilizer Installation - Fwd	Α
F37	T51-05-INS-1141	D	Horizontal Stabilizer Skins	Α
F38	T51-03-INS-0828	D	Vertical Stabilizer Installation	Α
F39	T51-04-INS-1011	С	Belly Stringer Installation (Aluminum)	Α
F39.1	T51-09-INS-1809	В	Radiator Top Plenum Installation	Α
F40	T51-05-INS-1130	В	Fwd Radiator Plenum Ins.	Α
F41	T51-06-INS-1485	В	Radiator Installation (Rotax)	Α
F42	T51-03-INS-0901	D	Radiator Exhaust Installation (Rotax)	Α
F43	T51-07-INS-1682	E	Radiator Exhaust Installation (V6 Only)	Α
	DOC. #12	В	Rear Fuselage Skins	
F44	T51-03-INS-0977	С	Aft Baggage Door Ins.	Α
F45	T51-06-INS-1407	D	Tailwheel Enclosure Ins.	Α
F46	T51-06-INS-1406	С	Aft Push Tube Ins.	Α
F47	T51-03-INS-0929	E	Flap Driver Installation	Α
F48	T51-03-INS-0890	F	Front/Rear Seat Installation	Α
F48.1	T51-09-INS-1814	Α	Seat Pan Installation	Р
F49	T51-06-INS-1477	Α	Longeron Extension Ins.	Α
F50	T51-08-INS-1764	A	Nose Bowl/Spinner Installation	Α
			T-51 WING INDEX	
	DOC. #5	Α	Wing Assembly	
W0.5	T51-09-INS-1849	A	Center Section & Wing Matting Instructions	Α

LOCATION	DRAWING		DETAIL	DRAWING
<u>NO.</u>	<u>NO.</u>	REV.	NAME	<u>STATUS</u>
W1	T51-02-INS-0385	G	Outer Wing Panel Rib Drill Patterns	Α
W2	T51-02-INS-0386	D	Outer Panel Rib Installation	Α
W3	T51-02-INS-0388	В	Stringer, Stub Rib & Intermediate Web Ins.	Α
W4	T51-02-INS-0387	F	Aft Spar Rivet Locations & Fitting Installation	Α
W5	T51-02-INS-0544	С	Aileron Bellcrank Assembly Installation	Α
W5.5	T51-09-INS-1841	Α	Internal Wing Tank Installation	Р
W6	T51-02-INS-0545	В	Pitot Tube Installation	Α
W7	T51-07-INS-1659	D	External Fuel Tank Hard Point Ins.	Α
<b>W</b> 8	T51-02-INS-0546	С	Upper Wing Skin Installation	Α
W9	T51-02-INS-0541	D	Fitting & Clecoing Lower Skin	Α
W10	T51-02-INS-0542	Ε	Flap Bracket Slot Layout (Early)	Α
W11	T51-02-INS-0499	D	Flap Stub Rib Installation (Early)	Α
W12	T51-02-INS-0543	D	Flap Bracket Stub Ribs & Flap Bracket Ins. (Early)	Α
W13	T51-02-INS-0547	С	Wing Inspection Layout	Α
W14	T51-02-INS-0558	В	Upper & Lower Skin Rivet Callout	Α
W15	T51-03-INS-0601	Α	Wing Skin D-Cell Final Installation	Α
W16	T51-05-INS-1292	С	Mounting Wing Deflector Ins.	Α
W17	T51-07-INS-1658	Α	External Fuel Tank Assembly Ins.	Р

## **T-51 CENTER SECTION INDEX**

	DOC. #6	Α	Center Section Assembly	
CS1	T51-03-INS-0645	Α	Fuel Tank Foam Saddle Cut	Α
CS2	T51-03-INS-0610	В	Fuel Tank Bay Lower Foam Installation	Α
CS3	T51-03-INS-0609	С	Top View of Fuel Tank Bay	Α
CS4	T51-05-INS-1156	В	Center Tank Ins.	Α
CS5	T51-07-INS-1631	Ε	Center/Main Fuel Tanks Line Routing	Α
CS6	T51-03-INS-0611	В	Fuel Tank Plumbing Installation	Α
CS7	T51-04-INS-0995	Α	Fuel Line Routing Ins. for Rotax 912	Α
CS8	T51-04-INS-0996	D	Fuel Line Routing Ins. for Rotax 912/F.I. Engines	Α
CS9	T51-04-INS-0992	Α	Pitot Tube & Static Pressure Ins.	Α
CS10	T51-04-INS-1043	D	Wing Walkway Stiffener Ins.	Α
CS11	T51-03-INS-0927	С	Up Switch Bracket Installation	Α
CS12	T51-03-INS-0928	С	Down Limit Switch Bracket Installation	Α
CS13	T51-03-INS-0650	F	Inboard Flap Bracket Installation (Early)	Α
CS14	T51-03-INS-0604	С	#4 Rib Flange Installation	Α
CS15	T51-03-INS-0603	Α	Center Section L.E. Foam Installation	Α
CS16	T51-04-INS-1089	В	Fuel Filler Neck Attachment Ins.	Α
CS17	T51-08-INS-1713	С	Aft Rudder Pedal Foot Well Installation	Α
CS18	T51-03-INS-0602	Α	Wing Skin Trim Ins.	0
CS18.5	T51-09-INS-1848	Α	Center Section & Fuselage Mating Instructions	Α
CS19	T51-03-INS-0991	С	Wing Root Fairing Ribs, Webs & Bracket Locations	Α

LOCATION NO.	DRAWING <u>NO.</u>	REV.	DETAIL NAME	DRAWING STATUS		
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CS20	T51-03-INS-0961	C	Wing Fairing Location	A		
CS21	T51-03-INS-0962	F	Lower Fairing Skins & Access/Inspection Panel Location	A		
CS22	T51-09-INS-1813	Α	Center Section Flap Deflector Installation (Early)	Α		
		<u>T-51</u>	LANDING GEAR INDEX			
LG1	T51-03-INS-0589	С	Oleo Exploded View	Α		
LG2	T51-03-INS-0588	В	Main Gear Leg Installation & Removal	A		
LG3	T51-07-INS-1684	C	Gas Strut Extension Installation	A		
LG4	T51-03-INS-0599	D	Main Gear Lock Assembly Details	A		
LG5	T51-03-INS-0590	Α	Main Gear Linkage Installation	Α		
LG6	T51-07-INS-1636	В	Main Gear Door Ins.	Α		
LG7	T51-04-INS-1039	С	Main Landing Gear Door Assembly Ins.	Α		
LG8	T51-04-INS-1036	E	Main Landing Gear Door Mounting Ins.	Α		
LG9	T51-05-INS-1153	С	Landing Light Mounting Ins.	Α		
LG10	T51-06-INS-1522	Α	Complete Tailwheel Assembly	Α		
LG11	T51-03-INS-0816	Ε	Tailwheel Installation Ins.	Α		
LG12	T51-04-INS-1002	F	Hydraulic Cylinder Mount for Tailwheel	A		
LG13	T51-07-INS-1638	Α	Tailwheel Limit Switch Locations	A		
LG14	T51-04-INS-1024	D	Tailwheel Door Installation	Α		
			T-51 TAIL INDEX			
			1-01 TAIL INDEX			
T1	T51-03-INS-0862	E	Rudder Installation	A		
T2	T51-05-INS-1270	Α	Rudder Trim Tab Modification Ins.	A		
Т3	T51-05-INS-1271	Α	Rudder Trim Tab Motor Ins.	Α		
T4	T51-05-INS-1272	Α	Rudder Trim Tab Mounting Ins.	Α		
T5	T51-03-INS-0846	D	Elevator Installation	Α		
Т6	T51-03-INS-0843	В	Elevator Installation	Α		
<b>T7</b>	T51-03-INS-0864	В	Fabric Rivet Layout	Α		
T8	T51-08-INS-1767	В	Horizontal Tip Installation	Α		
Т9	T51-08-INS-1766	В	Elevator Tip Installation	Α		
T10	T51-08-INS-1768	Α	Vertical/Rudder Tip Installation	Α		
T E4 CONTROL O INDEV						
T-51 CONTROLS INDEX						
	DOC. #7	Α	Flap Linkage Installation			
C1	T51-03-INS-0810	E	Control Stick Assembly	Α		
C1.1	T51-09-INS-1191	E	Aft Control Stick Driver Assembly	Α		
C2	T51-03-INS-0826	D	Push/Pull Tube Location	Α		
C3	T51-05-INS-1159	С	Aileron Counterweight Assembling Ins.	Α		

LOCATION	DRAWING	DEV	DETAIL	DRAWING		
<u>NO.</u>	<u>NO.</u>	REV.	<u>NAME</u>	<u>STATUS</u>		
C4	T51-06-INS-1496	С	Aileron Counterweight Mounting Ins.	Α		
C5	T51-04-INS-1082	D	Aileron Installation	Α		
C6	T51-03-INS-0941	D	Aileron Bellcrank Push/Pull Rod Assembly Ins.	Α		
<b>C</b> 7	T51-07-INS-1583	С	Flap Motor Linkage Installation	Α		
C8	T51-05-INS-1287	С	Throttle Quadrant Assembly Ins.	0		
C9	T51-06-INS-1392	Α	Throttle Quadrant - Fwd Assembly	0		
C10	T51-06-INS-1395	D	Throttle Quadrant - Aft Assembly	Α		
C11	T51-04-INS-1001	В	Throttle Cable & Rudder Door Cable Ins.	Α		
		<u>T-51</u>	CABLE RIGGING INDEX			
CR1	92-INS-0192	В	Cable Mounting Details	Α		
CR2	T51-05-INS-1184	D	Rudder Cable Routing Ins. #1	Α		
CR3	T51-05-INS-1301	E	Rudder Cable Routing Ins. #2 (Early Models)	Α		
CR3.1	T51-09-INS-1846	Α	Rudder Cable Routing Ins. #2 (Later Models)	Α		
CR3.5	T51-09-INS-1827	Α	Aft Rudder Pedal Cable Routing Instructions	Α		
CR4	T51-05-INS-1302	С	Rudder Cable Routing Ins. #3	Α		
CR5	T51-05-INS-1303	С	Rudder Cable Routing Ins. #4	Α		
CR6	T51-05-INS-1304	С	Rudder Cable Routing Ins. #5	Α		
		<u>T-5</u>	1 HYDRAULIC INDEX			
H1	T51-04-INS-1055	В	Hydraulic Brake Line Fitting Ins.	Α		
H2	T51-04-INS-1006	В	Hydraulic Brake Line Ins.	Α		
Н3	T51-04-INS-1007	С	Hydraulic Brake Line Ins. (Cockpit)	Α		
H4	T51-04-INS-1086	В	Hydraulic Brake Line Routing (Center Section)	Α		
H5	T51-04-INS-1074	В	Hydraulic Brake Line Routing (Cockpit, Front Pedals)	Α		
Н6	T51-06-INS-1520	В	Fwd Hydraulic Pump Installation	Α		
H7	T51-06-INS-1521	В	Aft Hydraulic Pump Installation	Α		
H8	T51-04-INS-0993	E	Tailwheel Hydraulic Line Ins.	Α		
Н9	T51-04-INS-0994	С	Main Landing Gear Hydraulic Line Ins.	Α		
H10	T51-07-INS-1651	D	Landing Gear Hydraulic Schematic (Parker Pump)	Α		
T-51 ELECTRICAL INDEX						
E1	T51-03-INS-0947	J	Landing Gear Electrical Schematic (Early Models)	Α		
E2	T51-07-INS-1650	D	Landing Gear Electrical Schematic - Simplified	Α		
<b>E</b> 3	T51-05-INS-1291	Α	Throttle Quadrant Micro Switch	Α		
<b>E4</b>	T51-04-INS-1114	С	Electrical Diagram - Control Lever Box	Α		
<b>E</b> 5	T51-04-INS-1115	D	Electrical Diagram - Main Gear	Α		
<b>E6</b>	T51-04-INS-1116	С	Electrical Diagram - Tailwheel	Α		
E7	T51-05-INS-1132	В	Trim Adjustment - Front Stick	Α		

LOCATION NO.	DRAWING <u>NO.</u>	REV.	DETAIL <u>NAME</u>	DRAWING STATUS		
E8	T51-05-INS-1133	В	Trim Adjustment Front/Rear Sticks	Α		
E9	T51-05-INS-1134	С	Flap Circuit	Α		
E10	T51-08-INS-1712	Α	Flap Circuit Fwd/Aft Stick	Α		
			•			
		T-51	SUPPLEMENTAL INDEX			
S1	T51-07-INS-1635	В	Station #1 Center of Thrust Template	Α		
S2	T51-07-INS-1637	В	Station #2 Center of Thrust Template	Α		
S3	T51-08-INS-1692	В	Fwd Control Stick Stop Installation	Α		
S4	T51-07-INS-1680	В	Flap Assembly - LH & RH	Α		
S5	T51-02-INS-0228	С	Aileron Assembly - LH & RH	Α		
S6	T51-03-INS-0845	Α	Vertical Stabilizer Skin & Rivet Pattern	0		
<b>S</b> 7	T51-05-INS-1223	В	Exhaust System Ins. (Cam 125)	Α		
S8	T51-05-INS-1209	Α	Exhaust Stack Ins. (Cam 125)	Α		
S9	T51-06-INS-1433	С	912/914 Exhaust Manifold Installation (Early Models)	Α		
S10	T51-08-INS-1760	Α	Filtered Air Vent Installation	Α		
S11	T51-09-INS-1871	Α	Flap Assembly Hardware	Α		
S12	T51-10-INS-1874	Α	Flap Bracket Stub Ribs & Flap Bracket Ins. (Late)	Α		
S13	T51-10-INS-1875	Α	Flap Bracket Slot Layout (Late)	Α		
S14	T51-10-INS-1876	Α	Inboard Flap Bracket Installation (Late)	Α		
S15	T51-10-INS-1877	Α	Flap Stub Rib Installation (Late)	Α		
S16	T51-09-INS-1872	В	Vertical Stabilizer Fairing Installation	Α		
S17	T51-10-INS-1891	Α	Center Section Flap Deflector Installation (Late)	Α		
S18	T51-10-INS-1884	Α	Fiberglass Scoop Installation	Α		
S19	T51-08-INS-1715	D	V6 Throttle Quadrant Assembly - Fwd	Α		
S20	T51-10-INS-1931	Α	Setting Ailerons in Neutral Position	Α		
S21	T51-10-INS-1932	Α	Aileron P/P Rods to Driver Installation	Р		
S22	T51-10-INS-1936	Α	Matco Non-Floating Brake Rotor Retrofit	Α		
T-51 OPTIONS						
01	T51-09-INS-1816	Α	Dynon Auto-Pilot Installation (Elevator)	Р		
<b>O2</b>	T51-09-INS-1819	Α	Dynon Auto-Pilot Installation (Aileron)	Р		
О3	T51-09-INS-1820	В	Rudder Aluminum Skin Installation	Α		
04	T51-09-INS-1821	В	Elevator Aluminum Skin Installation	Α		
<b>O</b> 5	T51-09-INS-1807	Α	Elevator Bellcrank Station Stiffener	Α		
<b>O6</b>	T51-09-INS-1806	Α	Turtle Deck Installation (B-Model)	Р		
07	T51-09-INS-1850	Α	Fuel Tank Aluminum Filler Neck Installation	Α		
08	T51-10-INS-1878	Α	Hyd. Brake Line Routing (Cockpit, Front & Rear Pedals)	Α		
О9	T51-10-INS-1890	Α	Fiberglass Belly Installation	Α		
O10	T51-10-INS-1930	Α	Aft Secondary Battery Mount Installation	Α		
011	T51-12-INS-1949	Α	Non-TSO Stall Warning Indicator Installation	Α		

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LOCATIONDRAWINGDETAILDRAWINGNO.NO.REV.NAMESTATUS

**T-51 PREFLIGHT INDEX** 

PF1 T51-03-INS-0676 C Weight & Balance A
DOC. #15 A Preflight Inspection

**Annual Inspection**