

TORNADO II, S, & SS FUSELAGE TRACKING

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
92-INS-0176-C	Nose Fork Assembly Instructions	Approved
92-INS-0178-D	Spindle and Brake Assembly	Approved
92-INS-0181-F	Anti Servo Control Assembly	Approved
92-INS-0182-C	Tail Boom Assembly and Alignment	Approved
92-INS-0183-D	Vertical Strake Assembly	Approved
92-INS-0184-E	Stabilator Assembly	Approved
92-INS-0185-E	Stabilator Mounting Instructions	Approved
92-INS-0187-B	Anti Servo Push/Pull Rod Assembly	Approved
92-INS-0188-D	Anti Servo Tab Assembly	Approved
92-INS-0191-D	Rudder Installation	Approved
92-INS-0192-B*	Cable Mounting Details	Approved
92-INS-0195-B	Tail Wheel Mounting Instructions	Approved
92-INS-0198-A*	Hardware Identification	Approved
92-INS-0226-D	Trimwheel Assembly Procedures	Approved
92-INS-0227-D	Trimwheel Installation	Approved
92-INS-0228-C	Trimwheel Installation	Approved
92-INS-0231-C	Aft Throttle Handle Assembly	Approved
92-INS-0233-D	Forward Throttle Handle Assembly	Approved
92-INS-0236-F	Fuselage Cable Routing	Approved
92-INS-0237-B	Flap Detent Strip Installation	Approved
92-INS-0238-A	Rudder Cable Installation	Approved
92-INS-0239-A	Cable Guide Installation	Approved
92-INS-0241-C	Door Latch Assembly	Approved
92-INS-0243-C	Rear Door Latch Assembly	Approved
92-INS-0248-C	503 Wiring Diagram	Approved
92-DT-0251-A	Mag Switch Pinout and Wiring Diagram	Approved
92-INS-0252-B	Fuel Tank Mount Installation	Approved
92-INS-0254-B	Aft Belly Skin Installation	Approved
92-INS-0255-B	Forward Belly Skin Instructions	Approved
92-INS-0256-D	Mounting Engine to Fuselage	Approved
92-INS-0266-E	Instrument Panel Installation	Approved
92-INS-0269-C	Nose Cone Installation	Approved
92-INS-0271-C	Swing Arm Installation	Approved
92-INS-0272-F	Gear Leg Assembly	Approved
92-INS-0273-E	Aft Brake and Rudder Pedal Assembly	Approved
92-INS-0274-D	Rudder Pedal Assembly Instructions	Approved
92-INS-0312-B	Stits Layout	Approved
92-INS-0313-B	Left Window Installation	Approved
92-INS-0314-C	Upper Right Window	Approved
92-INS-0316-C	Front Door Installation	Approved
92-INS-0318-C	Rear Door Installation	Approved

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TORNADO II, S, & SS FUSELAGE TRACKING

(Continued)

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
92-INS-0320-B	Wing Gap Seal Installation	Approved
92-INS-0321-C	Mounting Wing to Fuselage	Approved
92-INS-0322-A	Cable Tunnel and Aluminum	Approved
92-INS-0331-B	Landing Gear Installation	Approved
92-INS-0332-C	Nosewheel Installation	Approved
93-INS-0334-C	Forward Brake Pedal Assembly	Approved
93-INS-0339-B**	Weight and Balance	Approved
92-INS-0343-B	Pull Rope Guide Installation	Approved
93-DT-0366-C	Wiring Diagram	Approved
95-INS-0503-E	Control Stick Assembly	Approved
95-INS-0516-E	Horizontal Push/Pull Installation	Approved
96-INS-0678-B	Fwd Throttle Handle Assembly	Approved
96-INS-0681-D	Aft Throttle Handle Assembly	Approved
96-INS-0756-C	Main Aileron Push/Pull Tube Installation	Approved
96-INS-0758-B	Setting Horizontal Push/Pull	Approved
96-INS-0786-A	Fuel Line Routing for 10 Gallon Tank	Approved
97-INS-0842-D	Fuel System for Extended Range Tank	Approved
96-INS-0966-A	Lap Shoulder Harness Installation	Approved
98-INS-0970-D	Anti Servo Control Rod Slots	Approved
01-INS-1156-A	Matco Brake Installation	Approved
01-INS-1159-A	Matco Hydraulic Brake Assembly	Approved
01-INS-1238-E	8' Stabilator Structure	Approved
01-INS-1239-D	8' Anti Servo Tab Installation	Approved
01-INS-1240-A	Control Stick Assembly	Approved
01-INS-1241-B	Rudder Installation	Approved
01-INS-1242-B	Rudder Pedal Assembly Instructions	Approved
01-INS-1244-C	Hydraulic Brake Pedal Assembly	Approved
01-INS-1255-A	Rear Hydraulic Brake Pedal Assembly	Approved
01-INS-1256-B	Aileron Linkage	Approved
01-INS-1297-B	Stabilator Mounting Instructions	Approved
01-INS-1298-A	Front Door Prop Assembly	Approved
01-INS-1299-A	Door Prop Assembly Installation	Approved
01-INS-1313-D	8' Stabilator Skin	Approved
02-INS-1376-C	Main Aileron Push/Pull Tube Assembly	Approved
02-INS-1377-B	Main Aileron Push/Pull Tube Assembly	Approved
02-INS-1379-A	15 Gallon Fuel Tank	Approved
02-INS-1380-A	15 Gallon Fuel Tank	Approved
03-INS-1391-C	Tornado S Fuel Tank Installation	Preliminary
05-INS-1432-A	Fiberglass Panel Installation	Approved
05-INS-1433-A	SS Gear Leg Assembly	Approved
05-INS-1434-A	Setting Horizontal Push/Pull Tube	Approved

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TORNADO II, S, & SS FUSELAGE TRACKING

(Continued)

05-INS-1435-A

Aft Belly Skin Installation

Approved

*** Drawing is in the Hardware and Cables Section**

**** Drawing is in the Preflight Section**

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TORNADO II & S WING TRACKING - 23.5'

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
92-INS-0218-C	Inspection Hole Layout	Approved
92-INS-0232-F	Intermediate Soar Web Installation	Approved
92-INS-0242-B	Flap Handle Installation	Approved
92-INS-0258-D	Aileron Assembly	Approved
92-INS-0261-E	Flap Hinge Installation	Approved
92-INS-0262-C	Aileron Installation	Approved
92-INS-0263-B	Flap Installation	Approved
92-INS-0264-E	Wingtip Rib Installation	Approved
92-INS-0265-C	Left Wingtip Installation	Approved
92-INS-0324-G	Rib And Hat Section Layout	Approved
92-INS-0325-D	Aileron Control System Layout	Approved
92-INS-0326-C	Flap Control System Assembly	Approved
92-INS-0327-D	Hat Section and Rear Spar Layout	Approved
92-INS-0328-C	Wing Skin Installation	Approved
92-INS-0329-B	Setting Wing Washout	Approved
95-INS-0593-D	Electric Flap Motor Mounting	Approved
95-INS-0595-F	Motorized Flap Control System	Approved
96-INS-0635-E	Aft Spar Assembly Instructions	Approved
96-INS-0749-D	Hinge Doubler Installation	Approved
96-INS-0759-A	Templates	Approved
96-INS-0779-B	.016 Wing Rib Preparation	Approved
96-INS-0780-E	D-Cell Drilling Procedure	Approved
96-INS-0784-A	Wing Skin Rivet Pattern Templates	Approved
97-INS-0813-E*	Spade Installation	Approved
97-INS-0904-B	Aileron & Flap Drooping & Finishing	Approved
97-INS-0923-A	Switch Wiring Diagram w/ Electric Brake	Approved
01-INS-1155-B	Aft Spar Hinge Doubler Layout	Approved
01-INS-1229-C	Inspection Hole Layout	Approved
01-INS-1234-B	Internal Fuel Line Routing	Preliminary
01-INS-1245-A	Aileron Control System Layout	Approved
01-INS-1246-A*	Motorized Flap Control System	Approved
01-INS-1247-B	Flap & Aileron Templates	Approved
01-INS-1248-B	Rib & Hat Section Layout	Approved
01-INS-1282-B	Intermediate Shaft & Linkage	Approved
01-INS-1286-A	Center Section Rib Installation	Approved

* Drawing is in the Options Section

Updated 7/22/2010



TORNADO SS WING TRACKING - 23.5'

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
92-INS-0232-F	Intermediate Soar Web Installation	Approved
92-INS-0242-B	Flap Handle Installation	Approved
92-INS-0258-D	Aileron Assembly	Approved
92-INS-0261-E	Flap Hinge Installation	Approved
92-INS-0262-C	Aileron Installation	Approved
92-INS-0263-B	Flap Installation	Approved
92-INS-0264-E	Wingtip Rib Installation	Approved
92-INS-0265-C	Left Wing Tip Installation	Approved
92-INS-0327-D	Hat Section and Rear Spar Layout	Approved
92-INS-0328-C	Wing Skin Installation	Approved
92-INS-0329-B	Setting Wing Washout	Approved
95-INS-0593-D	Electric Flap Motor Mounting	Approved
95-INS-0595-F	Motorized Flap Control System	Approved
96-INS-0635-E	Aft Spar Assembly Instructions	Approved
96-INS-0749-D	Hinge Doubler Installation	Approved
96-INS-0779-B	.016 Wing Rib Preparation	Approved
96-INS-0780-E	D-Cell Drilling Procedure	Approved
96-INS-0784-A	Wing Skin Rivet Pattern Templates	Approved
97-INS-0904-B	Aileron & Flap Drooping & Finishing	Approved
97-INS-0923-A	Switch Wiring Diagram w/ Electric Brake	Approved
00-INS-1064-B*	A413 Power Supply	Approved
01-INS-1155-B	Aft Spar Hinge Doubler Layout	Approved
01-INS-1229-C	Inspection Hole Layout	Approved
01-INS-1234-B	Internal Fuel Line Routing	Preliminary
01-INS-1245-A	Aileron Control System Layout	Approved
01-INS-1246-A*	Motorized Flap Control System	Approved
01-INS-1247-B	Flap & Aileron Templates	Approved
01-INS-1248-B	Rib & Hat Section Layout	Approved
01-INS-1282-B	Intermediate Shaft & Linkage	Approved
01-INS-1286-A	Center Section Rib Installation	Approved
05-INS-1438-C	Rib & Hat Section Layout	Approved

* Drawing is in the Options Section

Updated 7/22/2010



TORNADO SS WING TRACKING - 26'

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
92-INS-0232-F	Intermediate Spar Web Installation	Approved
92-INS-0242-B	Flap Handle Installation	Approved
92-INS-0258-D	Aileron Assembly	Approved
92-INS-0262-C	Aileron Installation	Approved
92-INS-0263-B	Flap Installation	Approved
92-INS-0264-E	Wing Tip Rib Installation	Approved
92-INS-0265-C	Left Wing Tip Installation	Approved
92-INS-0326-C	Flap Control System Assembly	Approved
92-INS-0329-B	Setting Wing Washout	Approved
95-INS-0593-D	Electric Flap Motor Mounting	Approved
95-INS-0595-F	Motorized Flap Control System	Approved
95-INS-0603-B	Wing Skin Installation	Approved
96-INS-0635-E	Aft Spar Assembly Instructions	Approved
96-INS-0701-B	Aileron Control System Layout	Approved
96-INS-0703-E	Hat Section & Aft Spar Layout	Approved
96-INS-0704-A	Rib & Hat Section Layout	Approved
96-INS-0705-D	Rib & Hat Section Layout	Approved
96-INS-0706-A	Inspection Hole Layout	Approved
96-INS-0707-C	Inspection Hole Layout	Approved
96-INS-0710-E	81¼" Flap Hinge Installation	Approved
96-INS-0779-B	.016 Wing Rib Preparation	Approved
96-INS-0780-E	D-Cell Drilling Procedure	Approved
96-INS-0784-A	Wing Skin Rivet Pattern Templates	Approved
97-INS-0813-E*	Spade Installation	Approved
97-INS-0878-D	Hinge Doubler Installation	Approved
97-INS-0904-B	Aileron & Flap Drooping & Finishing	Approved
97-INS-0923-A	Switch Wiring Diagram w/ Electric Brakes	Approved
00-INS-1064-B*	A413 Power Supply	Approved
01-INS-1153-B	Aft Spar Hinge Doubler Layout	Approved
01-INS-1234-B	Internal Fuel Line Routing	Preliminary
01-INS-1246-A*	Motorized Flap Control System	Approved
01-INS-1247-B	Flap & Aileron Templates	Approved
05-INS-1438-C	Rib & Hat Section Layout	Approved

* Drawing is in the Options Section

Updated 7/22/2010



TORNADO II, S, & SS OPTIONS TRACKING

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
92-INS-0270-C	Rear Seat Installation	Approved
93-INS-0418-C	Nose Cone Vent Installation	Approved
94-INS-0422-C	Forward Tank Mount Installation	Approved
94-INS-0423-C	Aft Tank Mount Installation	Approved
95-INS-0558-A	Exhaust System	Approved
95-INS-0560-A	Oil Inspection System	Approved
96-INS-0634-F	Spring Controlled Steering Option	Approved
96-INS-0643-B	912 Oil Cooler Installation	Approved
96-INS-0653-G	912 Dynafocal Mounting Instructions	Approved
96-INS-0654-A	Wing Tip Landing Light System	Approved
96-INS-0741-D	Extended Range Fuel Tank Installation	Approved
96-INS-0748-D	Stabilator Secondary C/W Installation	Approved
96-INS-0766-A	Left Window w/ Removable Window Ins.	Approved
96-INS-0767-A	Front Door w/ Removable Window Ins.	Approved
96-INS-0768-A	Horizontal Endcap Installation	Approved
96-INS-0769-A	Vertical / Rudder End Cap Installation	Approved
96-INS-0788-C	582 Wiring Diagram	Approved
96-INS-0796-B	F-30 Engine Mount Installation	Approved
97-INS-0813-E	Spade Installation	Approved
97-INS-0814-A	Snapvent Installation	Approved
97-INS-0836-E	Rotax 2-Stroke Engine Mounts	Approved
97-INS-0842-D	Fuel System For Extended Range Tank	Approved
97-INS-0860-B	Retro-Fit Electric Flaps Installation	Approved
97-INS-0865-A	Landing Gear Fairings Installation	Approved
97-INS-0875-B	Nose Fork Wheel Pant Installation	Approved
97-INS-0893-C	Deluxe Wheel Pant Parts Preparation	Approved
97-INS-0930-D	912 Oil System & Radiator Installation	Approved
97-INS-0936-B	Removable Nose Cone Installation	Approved
98-AS-0972-E	Electric Flap System & Trim Sensor	Preliminary
98-AS-0987-C	Trim Motor Mount Assembly	Preliminary
99-INS-1032-C	912 Wiring Diagram	Approved
99-INS-1045-C	912 Muffler Installation	Approved
01-INS-1235-A	Fuel Selector Cover Layout	Approved
02-INS-1366-A	Landing Gear Fairings Ins. for Hyd. Brakes	Approved
06-INS-1442-A	Rudder Aluminum Skin Installation	Approved
10-INS-1465-A	Luggage Pod Installation	Approved

Updated 12/1/2010



TORNADO II, S, & SS SUPPLEMENTAL TRACKING

<u>DRAWING NO.</u>	<u>DETAIL NAME</u>	<u>DRAWING STATUS</u>
95-INS-0576-B	912 Choke and Throttle Installation	Approved
95-INS-0592-C	Choke Cable Merge Mounting	Approved
96-INS-0643-B	912 Oil Cooler Installation	Approved
96-DT-0675-B	912 Tornado II Wiring Diagram	Approved
96-INS-0744-C	912 Radiator Installation	Approved
96-INS-0745-B	Wind Screen Bow Adjustment	Approved
96-INS-0764-C	Rear Wing Mount Inspection Notice	Approved
97-INS-0892-A	Leading Repair Procedure	Approved
98-INS-0959-E	Aft Throttle Handle Assembly	Approved
98-INS-0962-A	BRS Mount Bracket Installation	Approved
00-INS-1069-C	15 Gallon Fuel Tank	Approved
00-INS-1071-B	15 Gallon Fuel Tank	Approved
01-INS-1243-A	Gear Leg Assembly	Approved
01-INS-1249-A	Setting Wing Washout	Approved
01-INS-1250-B	Setting Horizontal Push/Pull	Approved
01-INS-1254-B	Kevlar Panel Installation	Approved
01-INS-1269-A	Main Control Guide Installation	Approved
02-INS-1368-C	Aileron Counterweight Stiffener Ins.	Approved
10-INS-1466-A	Stabilator Main Spar Area Plate Installation	Approved
10-INS-1469-A	Rotax 912 Engine Mount Brace Ins.	Approved

Updated 9/23/2010

