

**STC GROUP LLC AUTOPILOT
ILLUSTRATED PARTS CATALOG
TRUE FLIGHT HOLDINGS LLC
MODEL AA-5, AA-5A, AA-5B,
AG-5B**

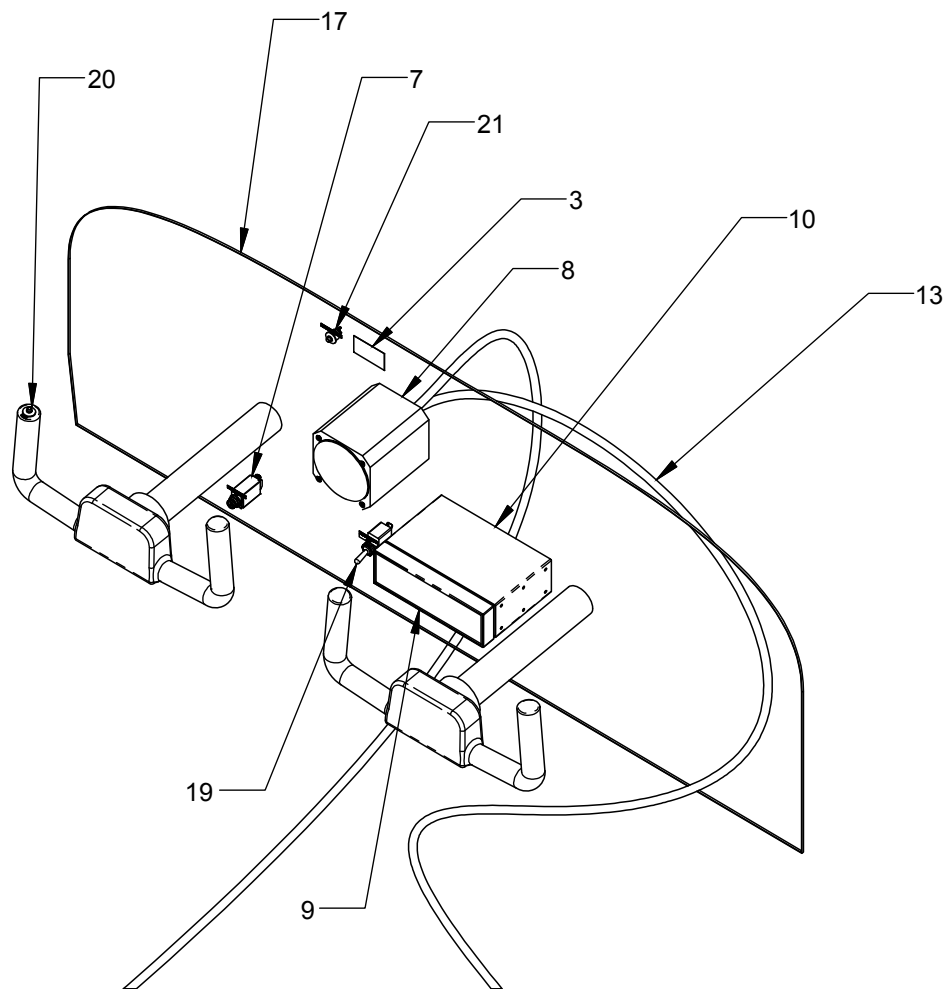


FIGURE 1 - INSTRUMENT PANEL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
	1	1AA5400	ROLL SERVO INSTALLATION		
	1	1AA5100	PITCH SERVO INSTALLATION		
3	1	1006450-1	AP LIMITATIONS PLACARD		1
4	1	1006451-1	PANEL LABELS		1
7	1	7274-2-5	CIRCUIT BREAKER		1
8	1	10000000	CONTROLLER - AUTOPILOT	NOT REQD W/ RACK MT CONTR	1
9	1	20000000	AP CONTROLLER - RACK MOUNT	REQD W/ RACK MT CONTR ONLY	1
10	1	22500000	TRAY	REQD W/ RACK MT CONTR ONLY	1
11	1	30000000	PITCH SERVO - CW ROTATION		
12	1	31000000	ROLL SERVO - CCW ROTATION		
13	1	41000000	WIRE HARNESS ASSY		1
19	1	MS35058-22	TOGGLE SWITCH	REQD W/ RACK MT CONTR ONLY	1
20	1	MSPS103C2	PUSHBUTTON SWITCH (RED)		1
21	1	MSPS103C0	PUSHBUTTON SWITCH (BLK)		1

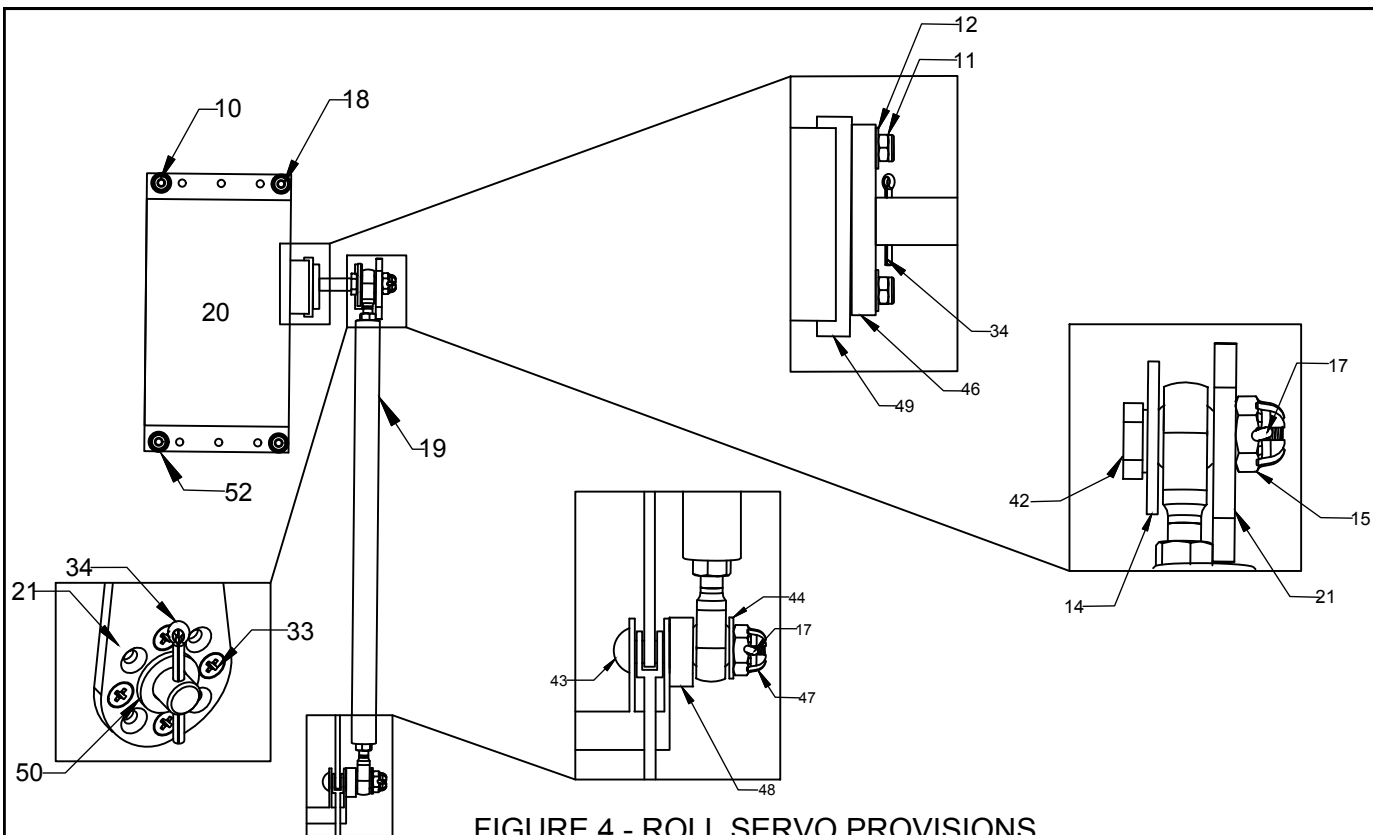


FIGURE 4 - ROLL SERVO PROVISIONS

ITEM NO.	QTY	PART NUMBER	DESCRIPTION	NOTE	FIG
10	4	MS21044N08	NUT SELF LOCK ALT PN AN365-832A		4
11	4	91239A117	SERVO SIDE HEX M3x0.5, 12mm LONG	McMaster-Carr P/N	4
12	4	97985A520	SERVO SIDE LOCK WASHER M3	McMaster-Carr P/N	4
14	1	AN970-3	WASHER		4
15	1	AN310-3	NUT - CASTELLATED		4
17	2	MS24665-134	COTTER PIN		4
18	4	AN525-832R14	SCREW 8-32 X 15/32 GRIP		4
19	1	1AA5601	ROD PUSH PULL ASSY - ROLL SERVO		4
20	1	31000000	ROLL SERVO - CCW ROTATION		4
21	1	901-114	SERVO ARM		4
33	4	1011-1006-0032	SCRW - METRIC M3x0.5 x 10MM (.394)		4
34	2	MS24665-302	COTTER SERVO SAFETY		4
42	1	AN3-6	BOLT 10-32		4
43	1	AN24-22	CLEVIS BOLT 1/4-28 x 1-1/16 GRIP		4
44	1	1006411-4	WASHER		4
46	1	1AA5401	1.5" SERVO EXTENSION		4
47	1	AN310-4	NUT CASTELLATED		4
48	1	1006401-11	SPACER		
49	1	180608-1	TAPER PIN RETAINER		4
50	1	NAS1149F0563P	WASHER SERVO SAFETY		4
51	1	MS21919WDG6	WIRE HARNESS CLAMP	NOT SUPPLIED	
52	4	NAS1149F0832P	WASHER	ALT P/N NAS1149FN816P	4

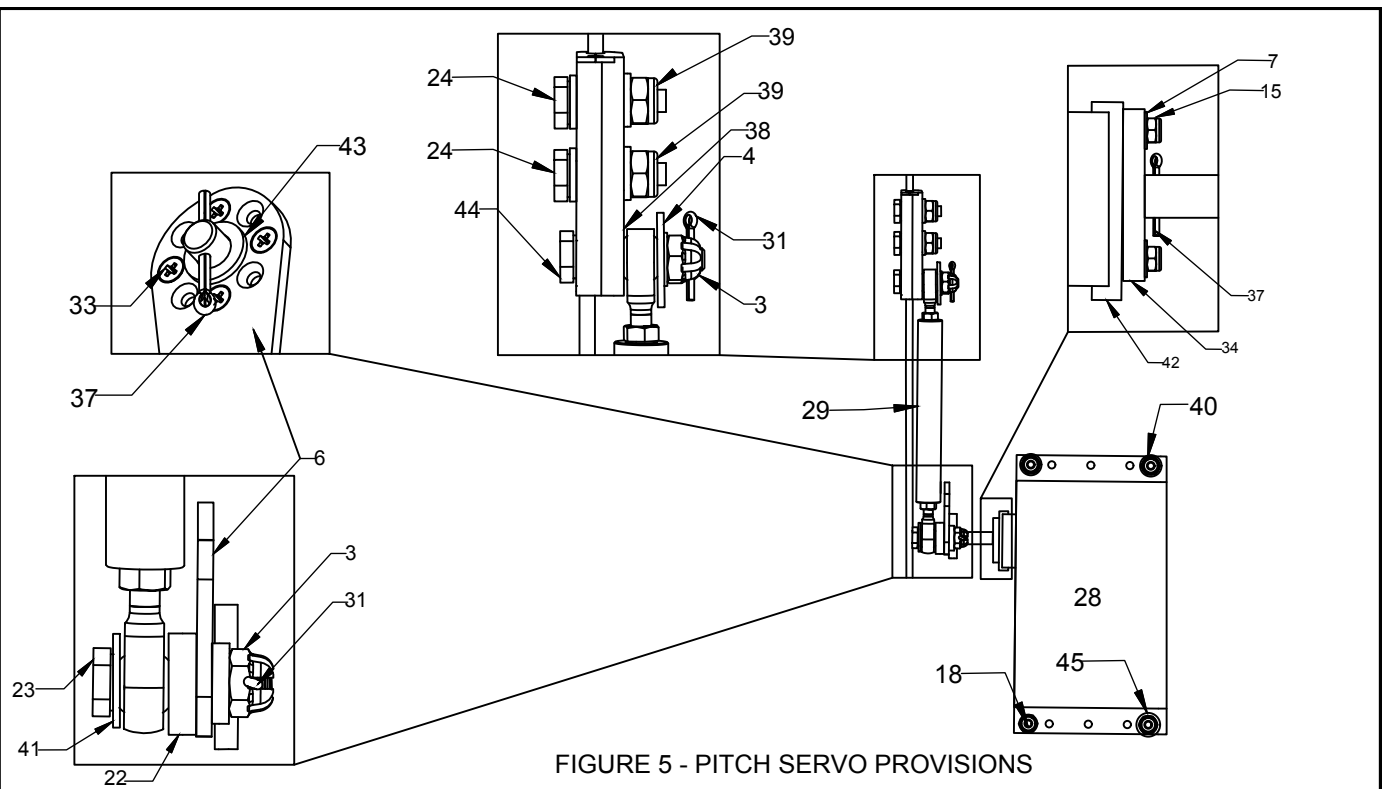


FIGURE 5 - PITCH SERVO PROVISIONS

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
3	2	AN310-3	NUT - CASTELLATED		5
4	1	AN970-3	WASHER	ALT PN: 1006411-3	5
6	1	901-114	SERVO ARM		5
7	4	97985A520	SERVO SIDE LOCK WASHER M3	McMaster-Carr P/N	5
15	4	91239A117	SERVO SIDE HEX M3x0.5, 12mm LONG	McMaster-Carr P/N	5
18	4	AN525-832R14	SCREW 8-32 X 15/32 GRIP		5
22	1	1006401-1	SPACER 0.250"		5
23	1	AN3-7	BOLT		5
24	2	AN3-5A	BOLT		5
26	5	NAS1149F0363P	WASHER		5
28	1	30000000	PITCH SERVO - CW ROTATION		5
29	1	1AA5201	ROD ASM PITCH SERVO	Optional retainers PN: S10221	5
31	2	MS24665-134	COTTER PIN		5
33	4	1011-1006-0032	SCREW - METRIC M3x0.5 x 10MM (.394)	Servo Arm Screw	5
34	1	1AA5101	2" SERVO EXTENSION		5
37	2	MS24665-302	COTTER PIN - SERVO SAFETY		5
38	2	910606-1	CABLE CLAMP HALF		5
39	4	MS21044N3	NUT SELF LOCK		5
40	4	MS21044N08	NUT SELF LOCK ALT PN AN365-832A		5
41	1	1006411-3	WASHER		5
42	1	180608-1	TAPER PIN RETAINER		5
43	1	NAS1149F0563P	WASHER SERVO SAFETY		
44	1	AN3-10	BOLT		
45	4	NAS1149F0832P	WASHER	ALT P/N NAS1149FN816P	5