

STC GROUP LLC AUTOPILOT

ILLUSTRATED PARTS CATALOG

MODEL CESSNA 190, 195, 195A, 195B, LC-126A, LC-126B

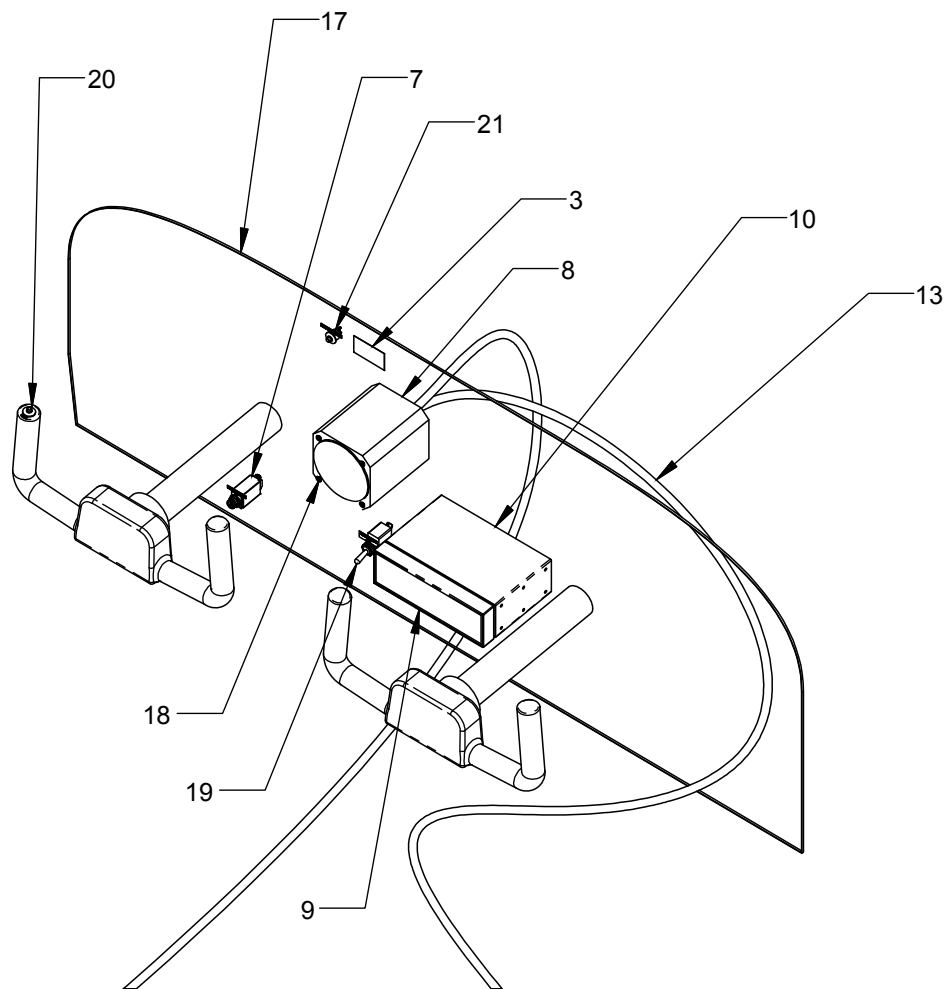


FIGURE 1 - INSTRUMENT PANEL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
1	1	1195400	ROLL SERVO INSTALLATION		
2	1	1195100	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	31000000	PITCH SERVO - CCW ROTATION		
12	1	31000000	ROLL SERVO - CCW ROTATION		2
13	1	41000000	WIRE HARNESS ASSY		1
18	4	MS24693-BB26	SCREW ALT P/N: MS35214-25	REQD W/ 9100601-1 CONTR ONLY	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

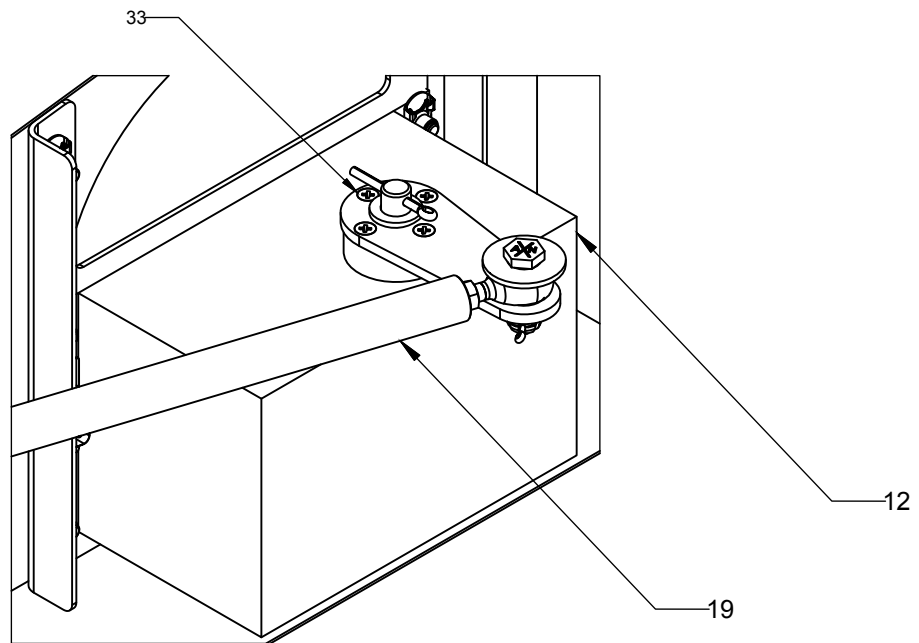


FIGURE 2 - ROLL SERVO INSTL

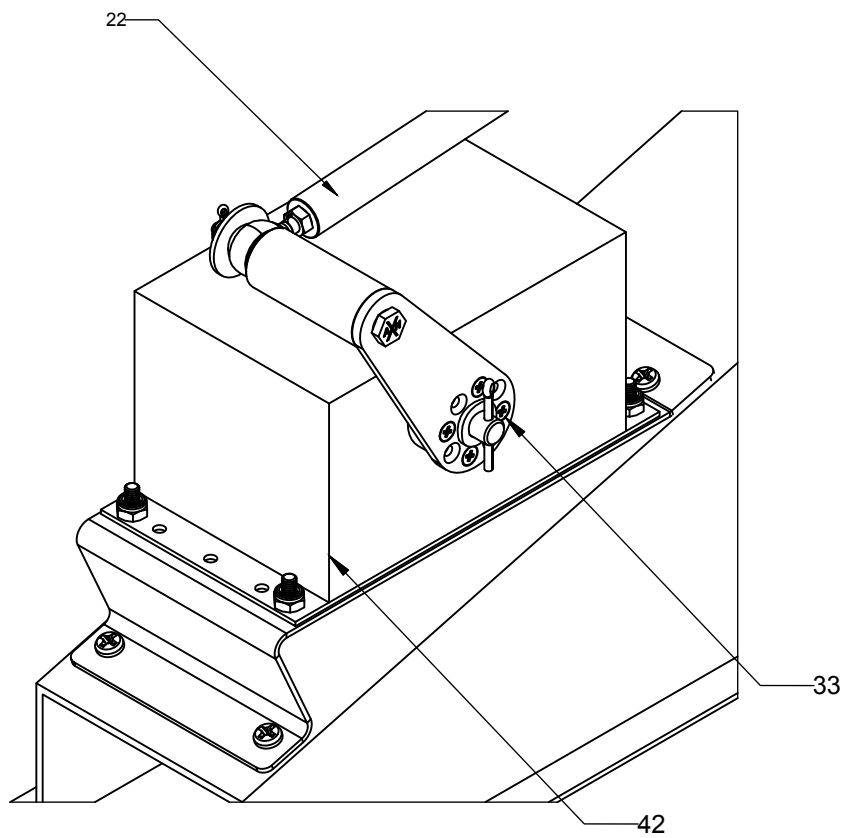


FIGURE 3 - PITCH SERVO INSTL

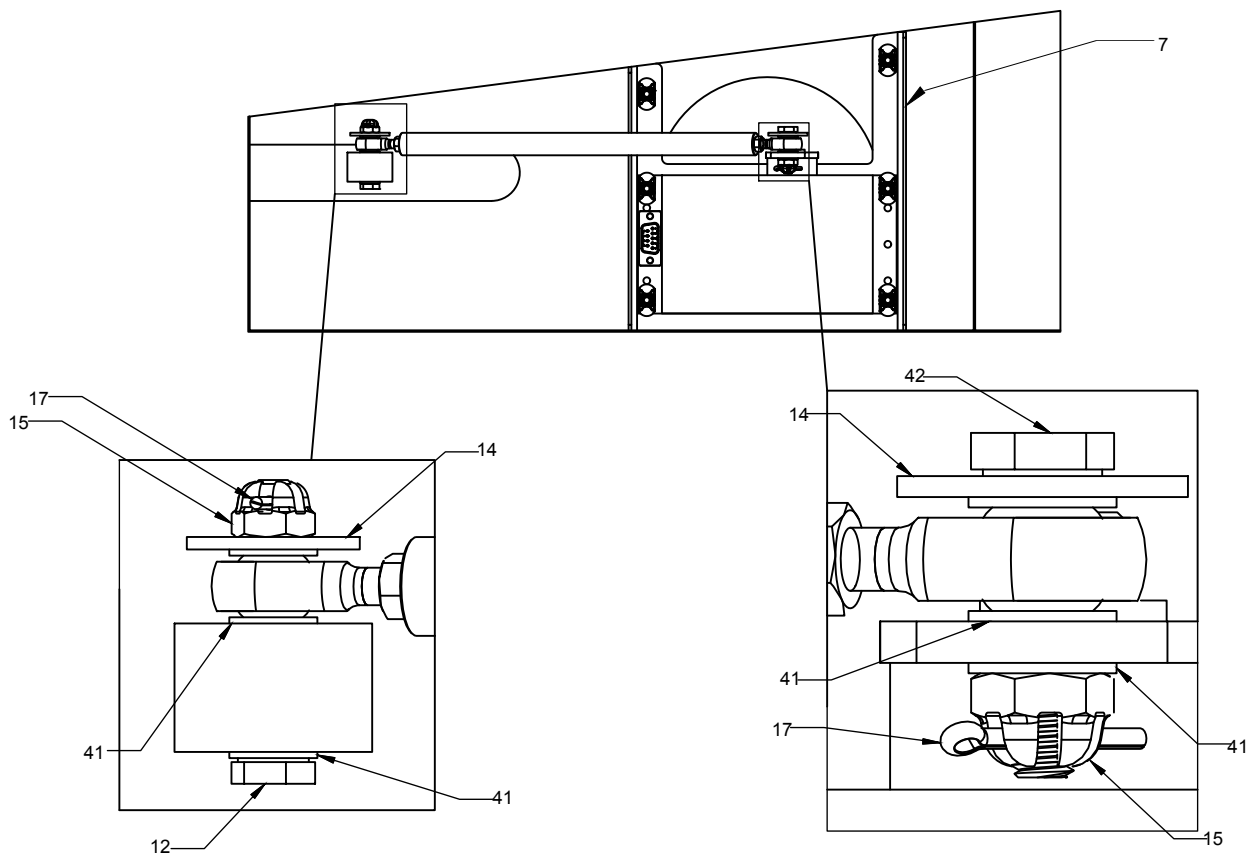


FIGURE 4 - ROLL SERVO PROVISIONS

ITEM NO.	QTY	PART NUMBER	DESCRIPTION	NOTE	FIG
7	1	1195403	BRACKET ASSY - ROLL SERVO		2
12	1	AN3-13	BOLT		4
14	6	AN970-3	WASHER		4
15	2	AN310-3	CASTLE CUT		4
17	2	MS24665-134	COTTER PIN		4
18	6	MS27039-0807	SCREW		3,4,5
19	1	1195601	TUBE ASSY - ROLL SERVO		2
20	1	31000000	ROLL SERVO - CCW ROTATION		2
21	1	1006239-1	SERVO ARM	ALT PN 1195404	
33	4	1011-1006-0032	SCRW - METRIC M3x0.5 x 10MM (.394)		2,3
39	1	MS24665-302	COTTER PIN		
40	1	NAS1149F0563P	WASHER SERVO SAFETY		
41	6	NAS1149F0332P	WASHER		
42	1	AN3-7	BOLT		
	1	1195700	DOUBLER ASSEMBLY		
	1	901-115	SERVO BASEPLATE		
46	2	MS24693-S48	SCREW	Alt P/N MS24693-C48 or -C49	

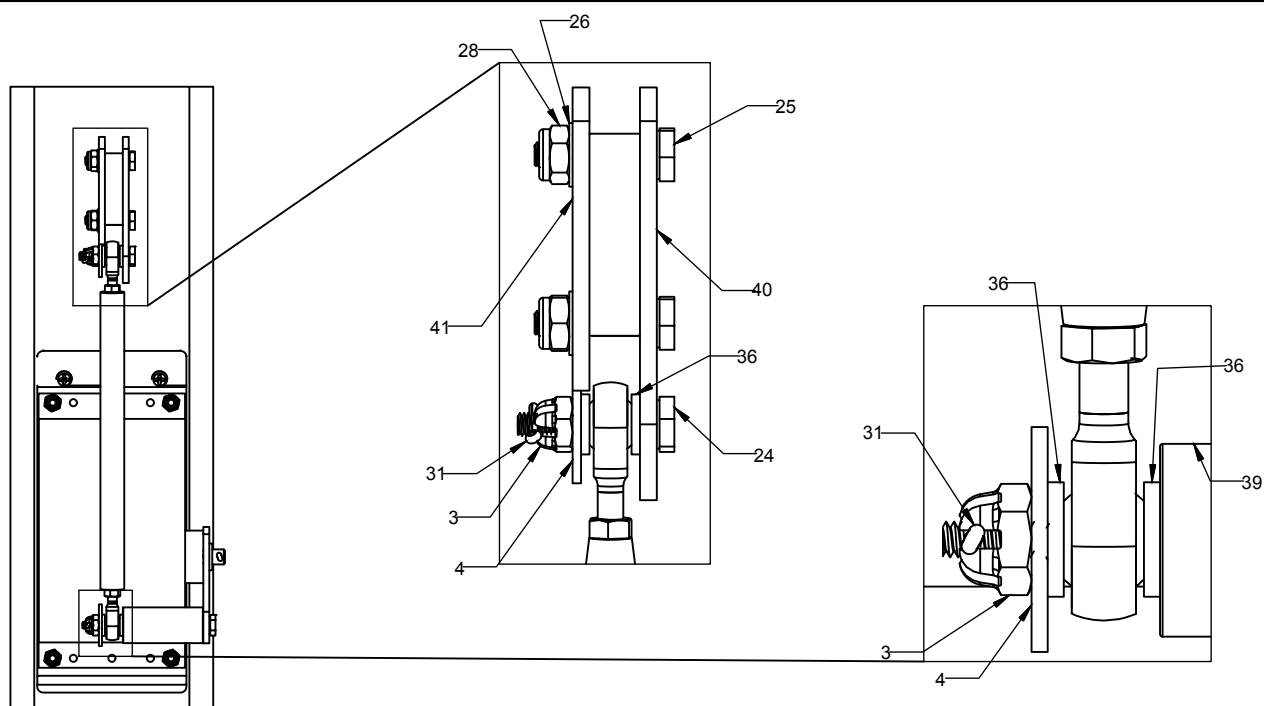


FIGURE 5 - PITCH SERVO PROVISIONS

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
3	2	AN310-3	CASTLE NUT		5
4	2	AN970-3	WASHER		5
6	1	1006402-5	SERVO ARM		5
15	4	MS21075L08N	SELF-LOCKING NUTPLATE	Alt P/N CN614CR08P	5
18	4	MS27039-0807	SCREW		5
22	1	1195201	ROD ASSY - PITCH SERVO		5
23	1	AN3-10	BOLT		5
24	1	AN3-25	BOLT	OPTION AN3-27 W/NAS1149F0363P	5
25	4	AN3-7A	BOLT		5
26	4	010M25177	SOLON MFG BELEVILLE WASHER		5
28	4	MS21044N3	SELF LOCKING HEXAGON NUT		5
29	1	1195107	BRACKET SERVO MOUNT		5
31	2	MS24665-134	COTTER PIN		5
33	4	1011-1006-0032	SCREW - METRIC M3x0.5 x 10MM (.394)		2,3
34	1	MS24665-302	COTTER PIN SERVO SAFETY		5
35	1	NAS1149F0563P	WASHER SERVO SAFETY		5
36	4	NAS1149F0363P	WASHER	OPTION W/ AN3-27	
37	4	MS21044N08	SELF LOCKING HEXAGON NUT		
38	4	AN5250832R7	SCREW		
39	1	1195106	SPACER, Servo Arm		
40	1	1195104	PITCH CLAMP RIGHT HAND		
41	1	1195105	PITCH CLAMP LEFT HAND		
42	1	31000000	PITCH SERVO - CCW ROTATION		
	8	MS20426AD3-4	RIVET	Used with nutplates	