

**STC GROUP LLC AUTOPILOT INSTALLATION
ILLUSTRATED PARTS CATALOG
MODEL CESSNA 177**

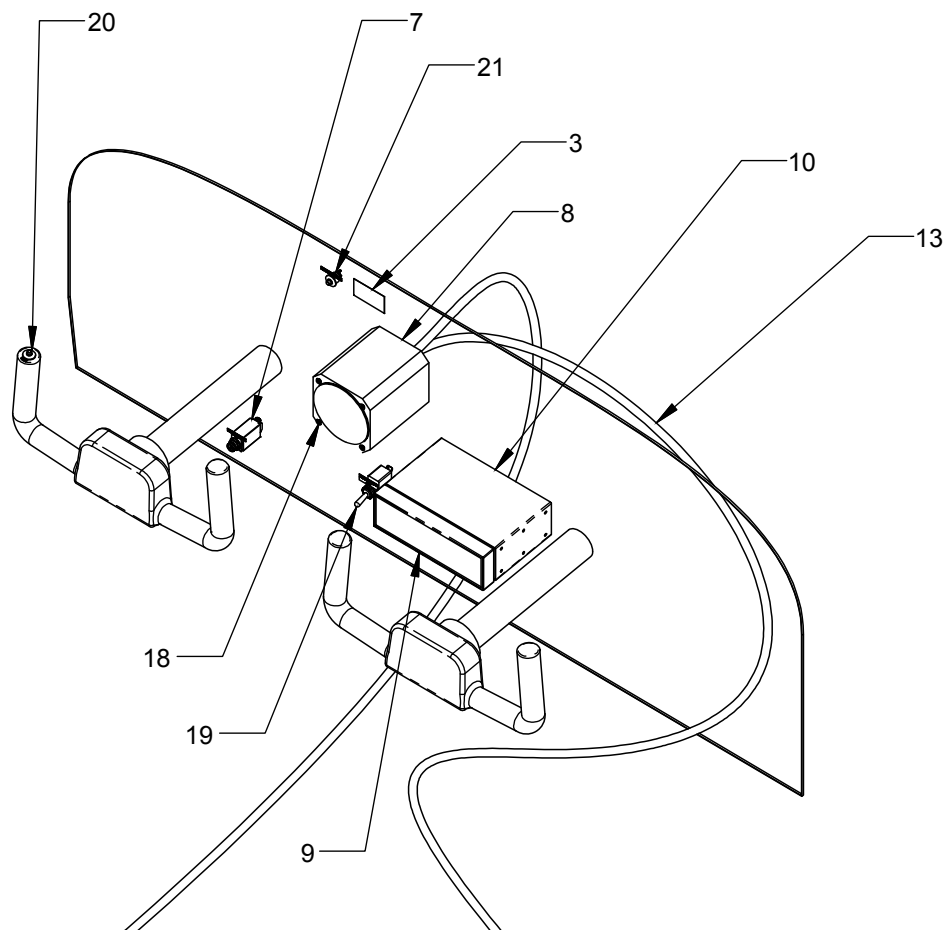


FIGURE 1 - INSTRUMENT PANEL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
	1	1177400	ROLL SERVO INSTALLATION		
	1	1177100	PITCH SERVO INSTALLATION		
3	1	1006450-1	AP LIMITATIONS PLACARD		1
	1	1006451-1	PANEL LABELS		
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		3
12	1	30000000	ROLL SERVO - CW ROTATION		2
13	1	41000000	WIRE HARNESS ASSY		1,2
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

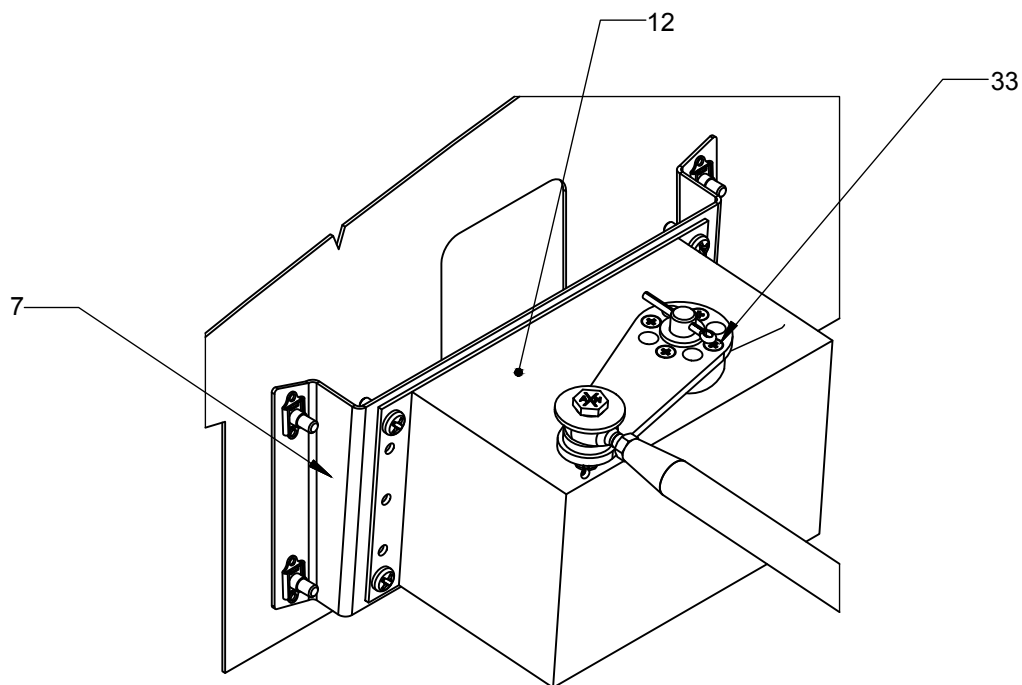


FIGURE 2 - ROLL SERVO INSTL

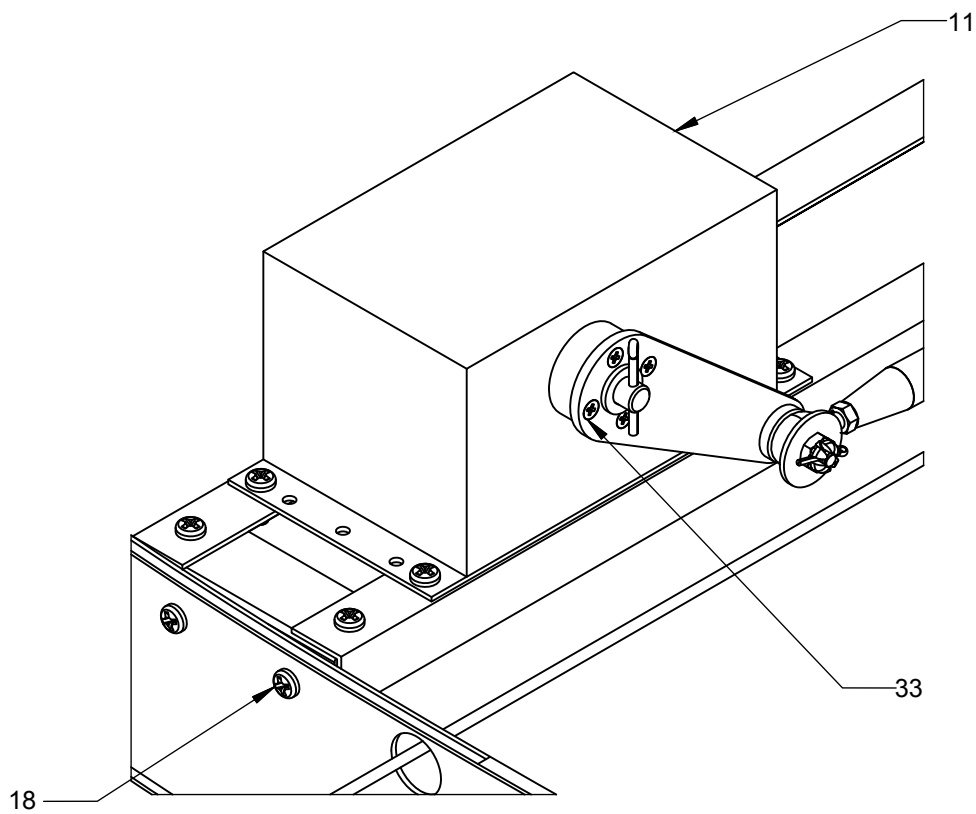


FIGURE 3 - PITCH SERVO INSTL

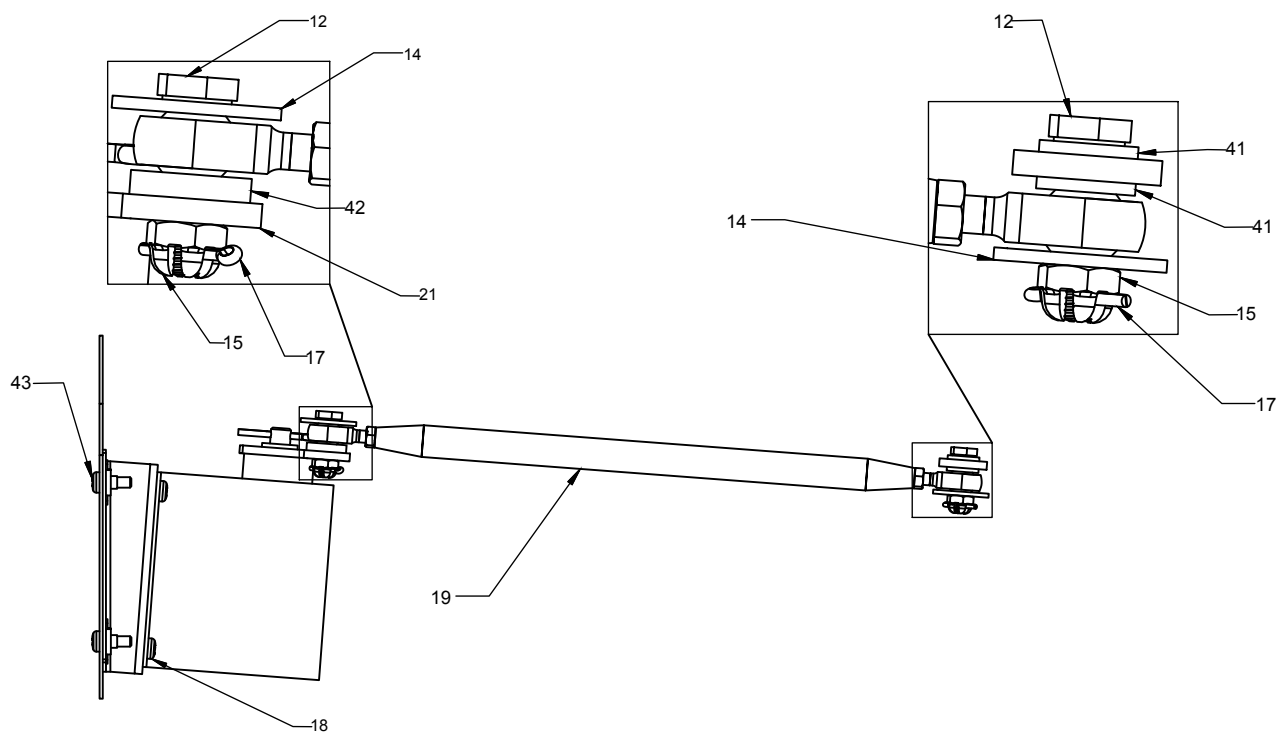


FIGURE 4 - ROLL SERVO PROVISIONS

ITEM NO.	QTY	PART NUMBER	DESCRIPTION	NOTE	FIG
7	1	1177501	BRACKET ASSY - ROLL SERVO		2
12	2	AN3-7	BOLT 10-32 X .50 GRIP		4
14	2	AN970-3	WASHER		4
15	2	AN310-3	NUT - CASTELLATED		4
17	2	MS24665-134	COTTER PIN		4
18	4	MS27039-0807	SCREW 8-32 X .47		3,4,5
19	1	1177601-1	ROD ASSEMBLY - ROLL	ALT: 1006406-13.625 (1 OPEN END)	4
20	1	30000000	ROLL SERVO - CW ROTATION		2
21	1	1006402-5	SERVO ARM	ALT PN 1006402-3, 1177403	4
33	4	1011-1006-0032	SCRW - METRIC M3x0.5 x 10MM (.394)		2,3
	1	MS24665-302	COTTER PIN SERVO SAFETY		
	1	NAS1149F0563P	WASHER ROLL SERVO SAFETY		
41	2	NAS1149F0363P	WASHER		
42	1	1006401-1	SPACER		
43	4	AN525-832R7	SCREW 8-32 x .438"		

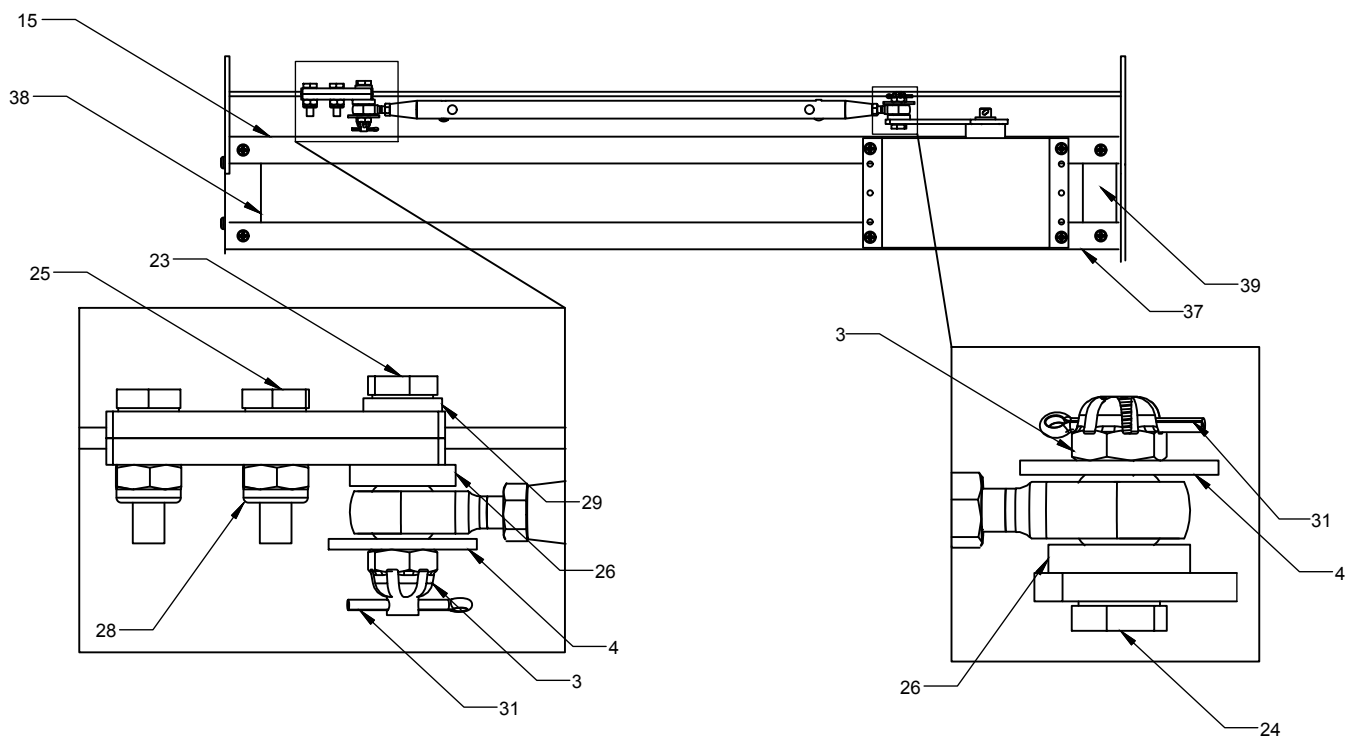


FIGURE 5 - PITCH SERVO PROVISIONS

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
3	2	AN310-3	NUT - CASTELLATED		5
4	2	AN970-3	WASHER		5
	1	1006402-7	SERVO ARM	ALT PN 1177101	
	2	9100606-1	CABLE CLAMP HALF		
15	1	1177312	RAIL LH ASSEMBLY		5
	12	MS27039-0807	SCREW 8-32 X .47		
	1	1177201	TUBE ASSY - PITCH SERVO		
23	1	AN3-11	BOLT 10-32 X .88 GRIP	Alternate PN: AN3-10	5
24	1	AN3-7	BOLT 10-32 X .50 GRIP		5
25	2	AN3-5A	BOLT 10-32 X .38 GRIP		5
26	2	1006401-1	SPACER		5
28	2	MS21044N3	Nut, Self-Locking, FiberLocking 10-32 - Steel		5
29	1	NAS1149F0332P	WASHER		5
31	2	MS24665-134	COTTER PIN		5
33	4	1011-1006-0032	SCRW - METRIC M3x0.5 x 10MM (.394)		2,3
	1	MS24665-302	COTTER PIN SERVO SAFETY		
	1	NAS1149F0563P	WASHER SERVO SAFETY		
37	1	117314	RAIL RH ASSEMBLY		5
38	1	117319	REAR CLIP ASSEMBLY		5
39	1	117316	FRONT CLIP ASSEMBLY		5