

**STC GROUP LLC AUTOPILOT
ILLUSTRATED PARTS CATALOG
MODEL CESSNA 172 & 172RG NAVOMATIC
EQUIPPED**

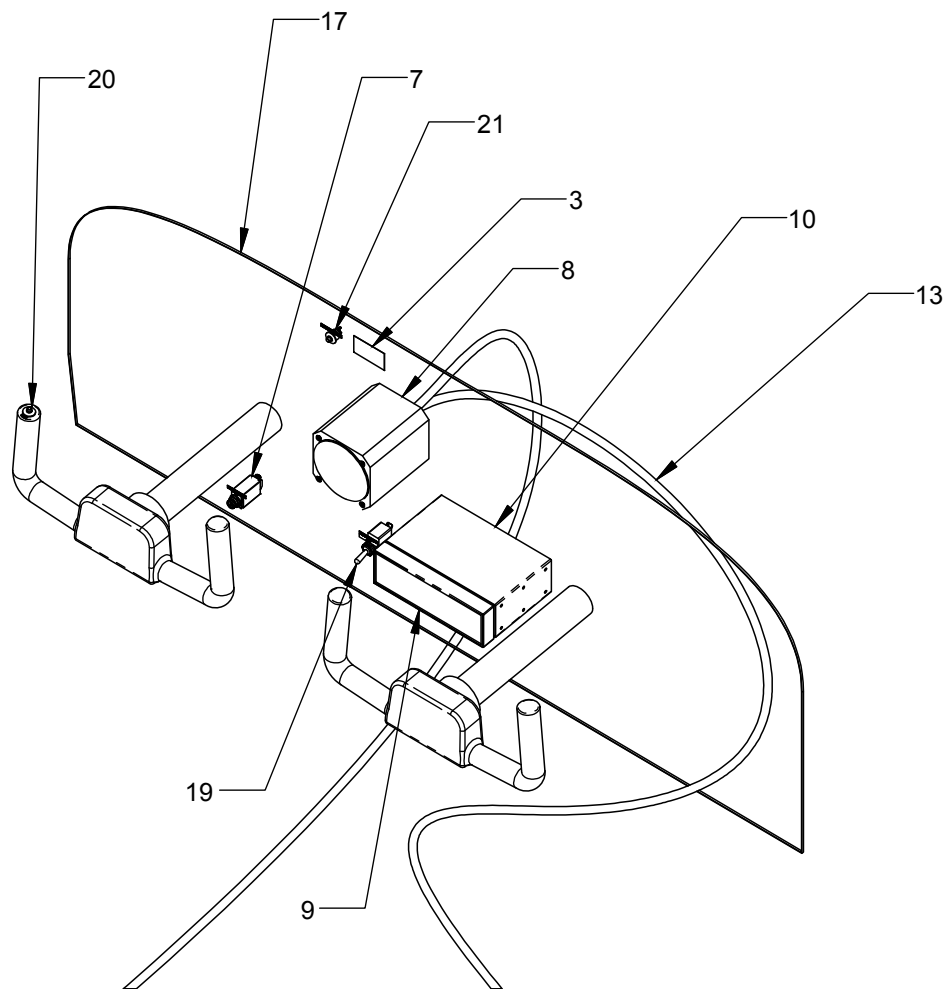


FIGURE 1 - INSTRUMENT PANEL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
	1	1006205-1	ROLL SERVO INSTALLATION		
	1	1006204	PITCH SERVO INSTALLATION		5
	1	1006204-1	PITCH SERVO INSTALLATION	172/172A/172B/172C/175/175A/175B/175C/172RG	6,7,8
3	1	1006450-1	AP LIMITATIONS PLACARD		1
	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		
1	1	31000000	OPTION 2 PITCH SERVO - CCW	USE WITH TOP # 1006204-1	6
12	1	31000000	ROLL SERVO - CW ROTATION		4
13	1	41000010	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

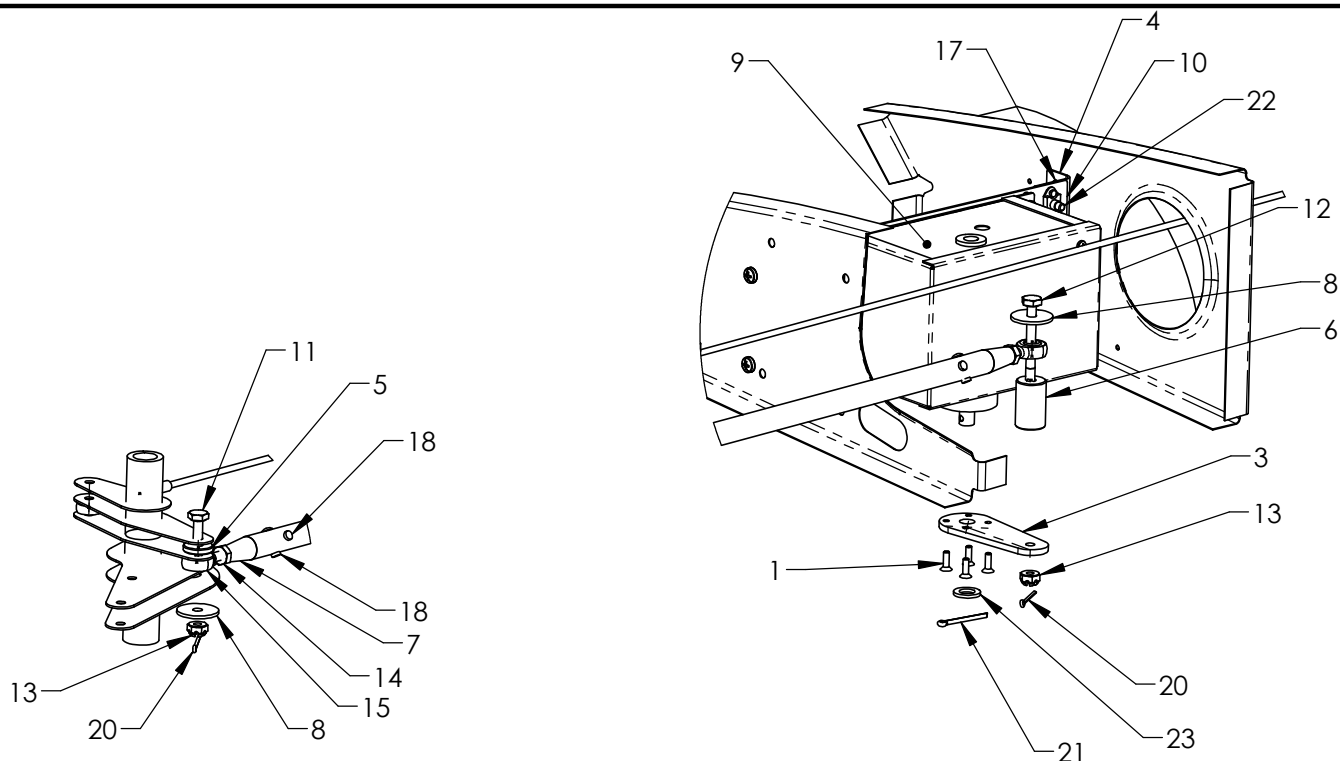


FIGURE 4 - ROLL SERVO INSTL

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
1	4	1011-1006-0032	SCREW - 3MM (.394")		4
2	1	1006231-1	PUSH/PULL TUBE ASSY		4
3	1	1006239-1	SERVO ARM		4
4	1	1006252-1	MTG ANGLE - INBD	ALT PN 1006252-2, USED W/ 1006251-2	4
5	1	1006401-1	SPACER		4
6	1	1006401-8	SPACER		4
7	1	1006405-1	ROD END - .188-32	USED W/ 1006231-1	4
8	2	1006411-3	WASHER	ALT PN AN970-3	4
9	1	31000000	SERVO - CCW ROTATION		4
10	1	1006251-1	MTG PLATE ASSY - ROLL SERVO		4
11	1	AN3-7	BOLT 10-32 X .50 GRIP	ADD 1006401-1 W/ AN3-7	4
12	1	AN3-16	BOLT 10-32 X 1.38 GRIP		4
13	2	AN310-3	NUT - CASTELLATED		4
14	1	AN315-3	NUT	USED W/ 1006231-1	4
15	1	MM-3	AURORA MM SERIES MALE ROD END	USED W/ 1006231-1	4
16	4	MS20426AD3-4	RIVET	USED W/ MS21075L08N NUTPLATES	4
17	4	MS20470AD4-4	RIVET		4
18	2	MS20470AD4-11	RIVET		4
19	2	MS21075L08N	NUTPLATE 8-32	NOT REQD W/ 1006252-2	4
20	2	MS24665-134	COTTER PIN		4
21	1	MS24665-302	COTTER PIN		4
22	8	MS27039-0807	SCREW 8-32 X .47		4
23	1	NAS1149F0563P	WASHER	ALT PN AN960-5	4

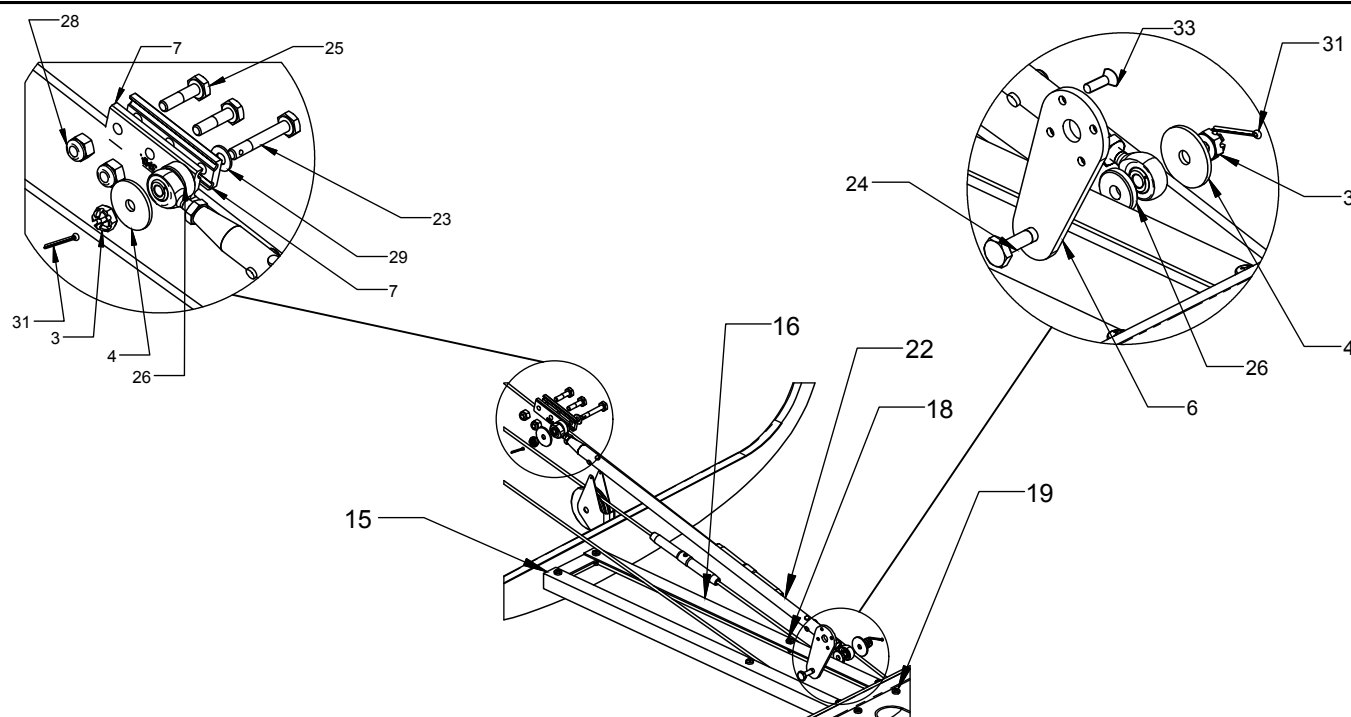


FIGURE 5 - PITCH SERVO PROVISIONS

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTE	FIG
3	2	AN310-3	NUT - CASTELLATED		5
4	2	AN970-3	WASHER		5
6	1	1006239-1	SERVO ARM		5
7	2	9100606-1	CABLE CLAMP HALF		5
15	1	1006241-1	ANGLE ASSY - RH PITCH SERVO - M172		5
16	1	1006242-1	ANGLE ASSY - LH PITCH SERVO - M172		5
18	8	MS27039-0807	SCREW 8-32 X .47		5
22	1	1006244-3	TUBE ASSY - PITCH SERVO - 172M		5
23	1	AN3-11	BOLT 10-32		5
24	1	AN3-7	BOLT 10-32		5
25	2	AN3-5A	BOLT 10-32		5
26	2	1006401-1	SPACER		5
28	2	MS21044N3	NUT #10		5
29	3	NAS1149F0332P	WASHER		5
31	2	MS24665-134	COTTER PIN		5
32	4	MS20470AD4-4	RIVET		
33	4	1011-1006-0032	SCRW - METRIC M3x0.5 x 10MM (.394)		5
34	1	MS24665-302	COTTER PIN PITCH SERVO SAFETY		5
35	1	NAS1149F0563P	WASHER PITCH SERVO SAFETY		
36	1	1006237	CLIP ASM SERVO PITCH		

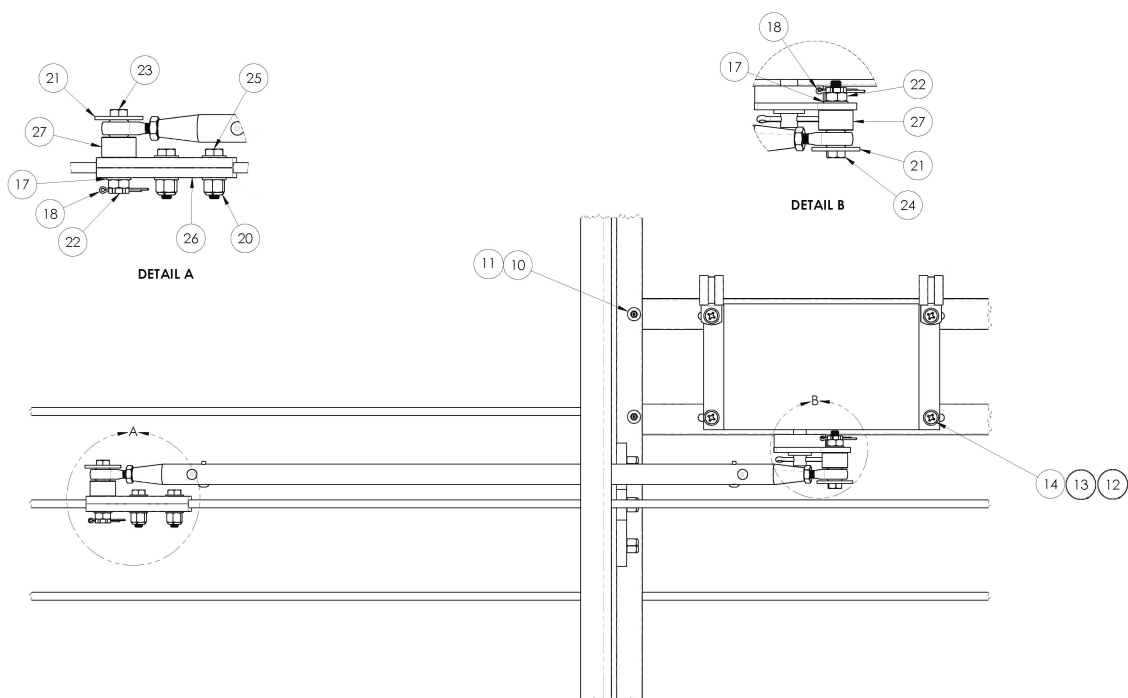


FIGURE 8 - OPTION 2 PITCH SERVO PROVISIONS

Item No.	QTY.	Part Number	Description	NOTE	FIG
1	1	*31000000	Trio Servo	*PN 30000000 FOR 172RG	6
2	1	1006402-5	Servo Arm		
3	4	1011-1006-0032	Screw A2 SS-M3-.5-10MM		7
4	1	1006244	Push/Pull Tube Assy	ALT PN 1006406-18.050	6, 7
5	1	1006503-17.000	Angle		6, 7
6	*1	1006503-25.000	Angle	*OMIT FOR 172RG	6
7	2	1006503-37.000	Angle, For / Aft		6
8	*1	-	Phenolic Block 2.25" X 3"	*OMIT FOR 172RG	6
9	*3	AN525-832R10	Screw	*OMIT FOR 172RG	6
10	*12	AN525-832R8	Screw	*QTY. 11 FOR 172RG	6, 8
11	*15	MS21044N08	Nut	*QTY. 8 FOR 172RG	6, 8
12	*8	MS20426AD3-4.5	Rivet	*QTY. 14 FOR 172RG	
13	*4	MS21075L08N	Nutplate	*QTY. 7 FOR 172RG	
14	4	MS27039-0807	Screw	ALT PN AN525-832R8	8
16	1	NAS1149F0563P	Washer		7
17	6	NAS1149F0332P	Washer		8
18	2	MS24665-134	Cotter Pin		8
19	1	MS24665-302	Cotter Pin		7
20	2	MS21044N3	Nut		8
21	2	AN970-3	Washer		8
22	2	AN310-3	Catle Nut		8
23	1	AN3-13	Bolt	*AN3-11 FOR 172RG	8
24	1	AN3-11	Bolt		8
25	2	AN3-5A	Bolt		8
26	2	9100606-1	Cable Clamp Half		7
27	2	1006401-3	Spacer	*1006401-1 FOR 172RG	8