

Attachment 8
Miscellaneous supporting materials

737-200
Airplane PG309
Rudder Ground Test Instrumentation

MEAS NO	MEAS DATA TITLE		UNITS	LWR LMT	UPR LMT	ACC	DIGITAL RESOLUTION (Units/ct)	DIGITAL SAMPLE RATE (SPS)
3020130	RUDDER	PEDAL FORCE	LBS	-120.	120.	2.4	0.003	50
3020230	RUDDER	PEDAL POS	DEG	-13.	13.	0.26	0.052	50
3020333	RUD POS	LWR HINGE	DEG	-27.	27.	0.54	0.005	100
3022433	STBY RUDDER	PCU TT POS	DEG	-45.	45.	0.1	0.001	100
3022434	MAIN RUDDER	PCU TT POS	DEG	-45.	45.	0.1	0.001	100
3086501	IRIG TIME	CKPT DSPLY		0.	0.	—	—	—
4594110	FFG OUTPUT	VOLTS PORT 1	VOLTS	-10.	10.	0.2	0.02	200
4689800	RUD MAIN PCU	INPUT RD LOD	LBS	-200.	200.	4.0	0.44	100
4689805	RUD STDBY PCU	INPUT RD LOD	LBS	-200.	200.	4.0	0.44	100

— RUDDER —

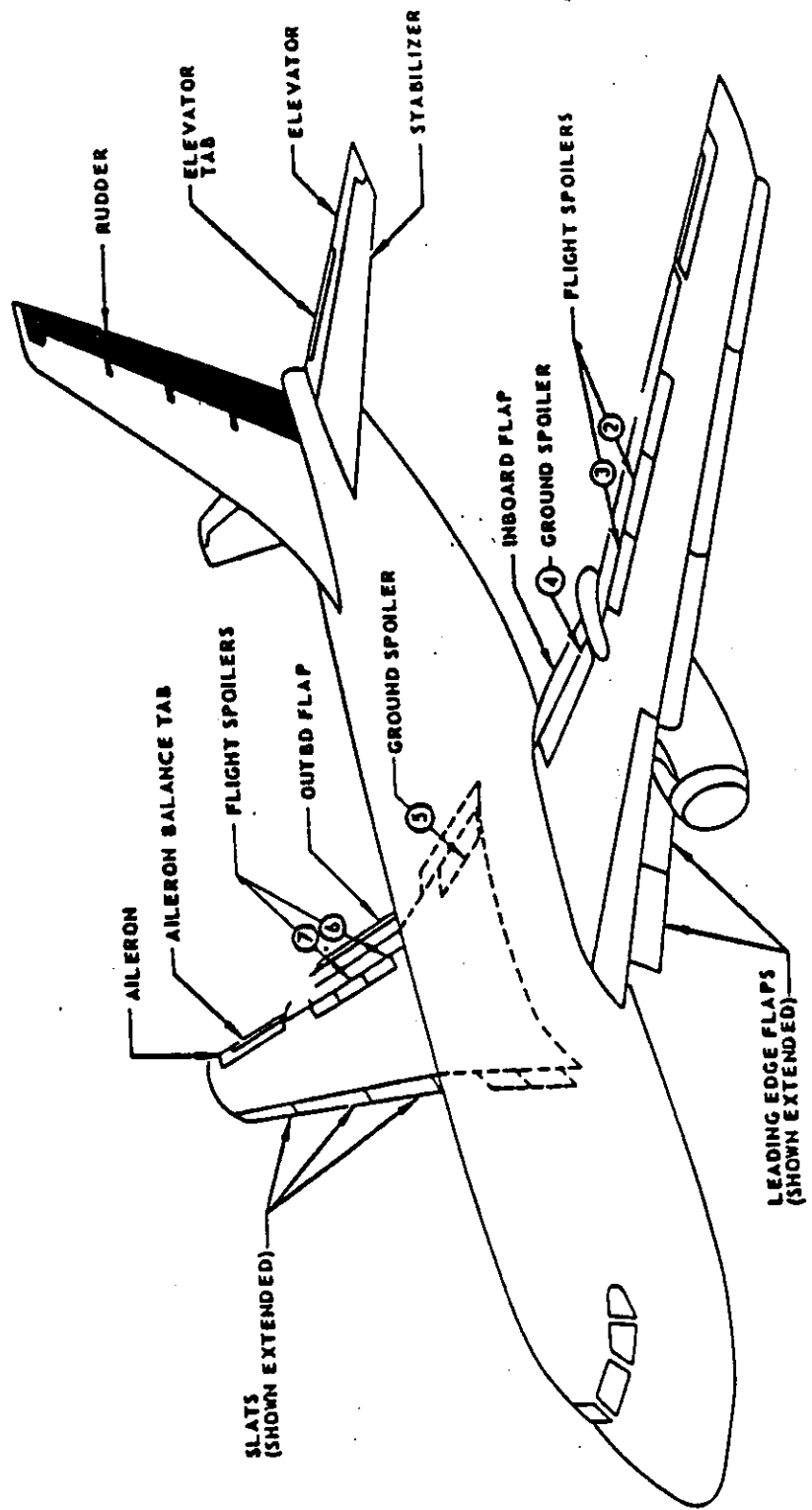


FIGURE 1.

T37 FLIGHT CONTROL SURFACES

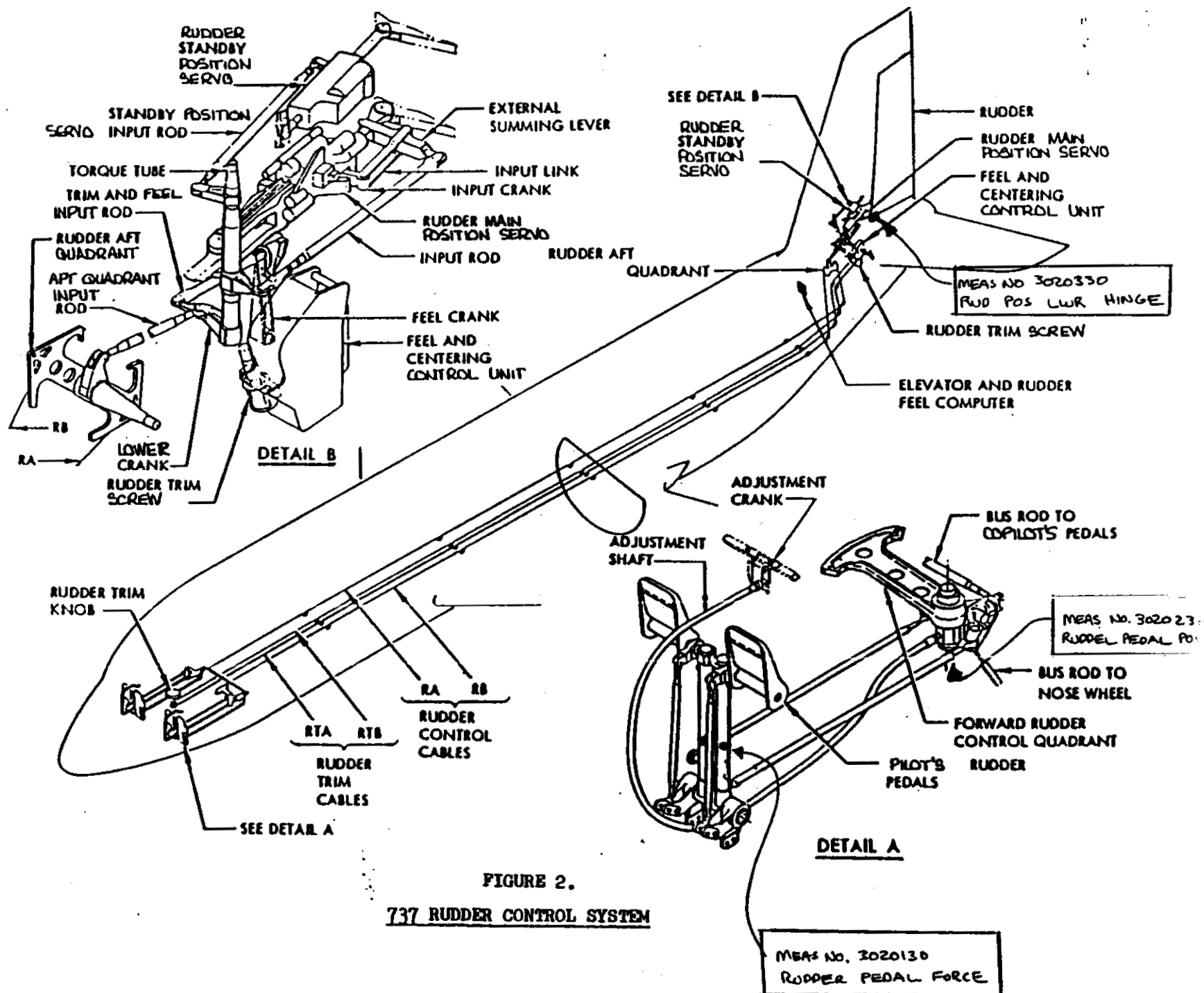


FIGURE 2.
 737 RUDDER CONTROL SYSTEM

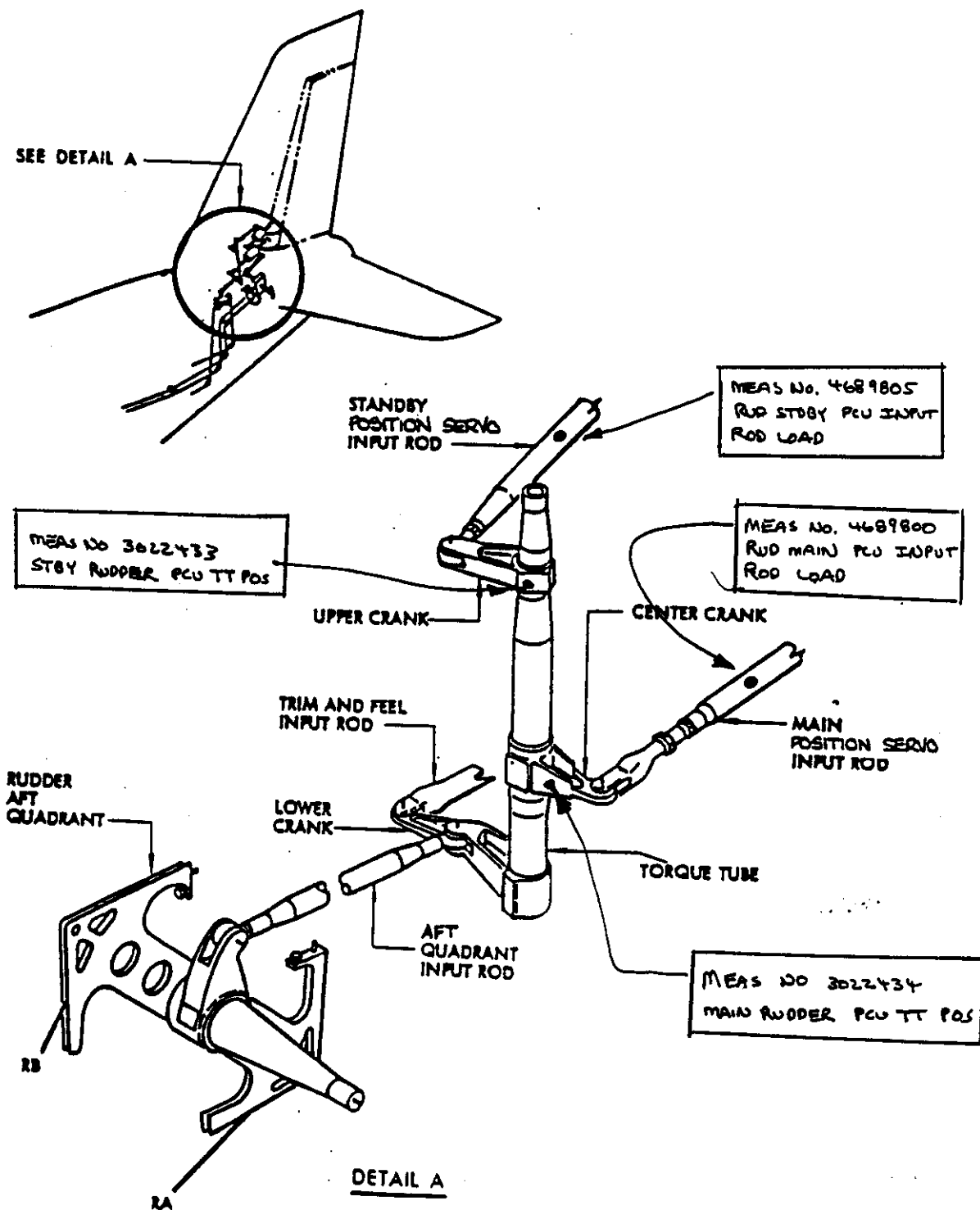


FIGURE 3.
AFT TORQUE TUBE ASSEMBLY
(737 RUDDER CONTROL SYSTEM)

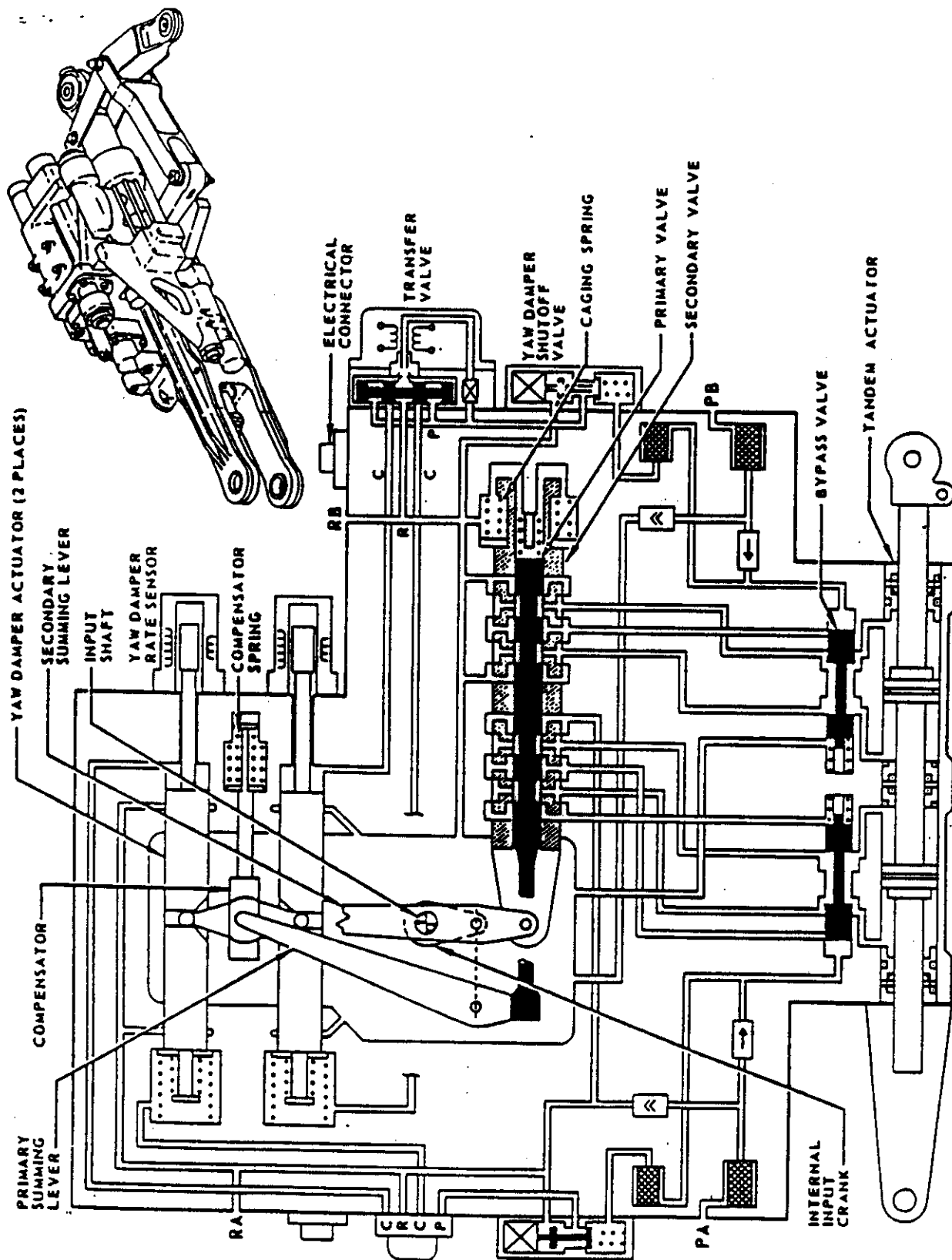


FIGURE 4.

737 RUDDER MAIN POSITION SERVO SCHEMATIC

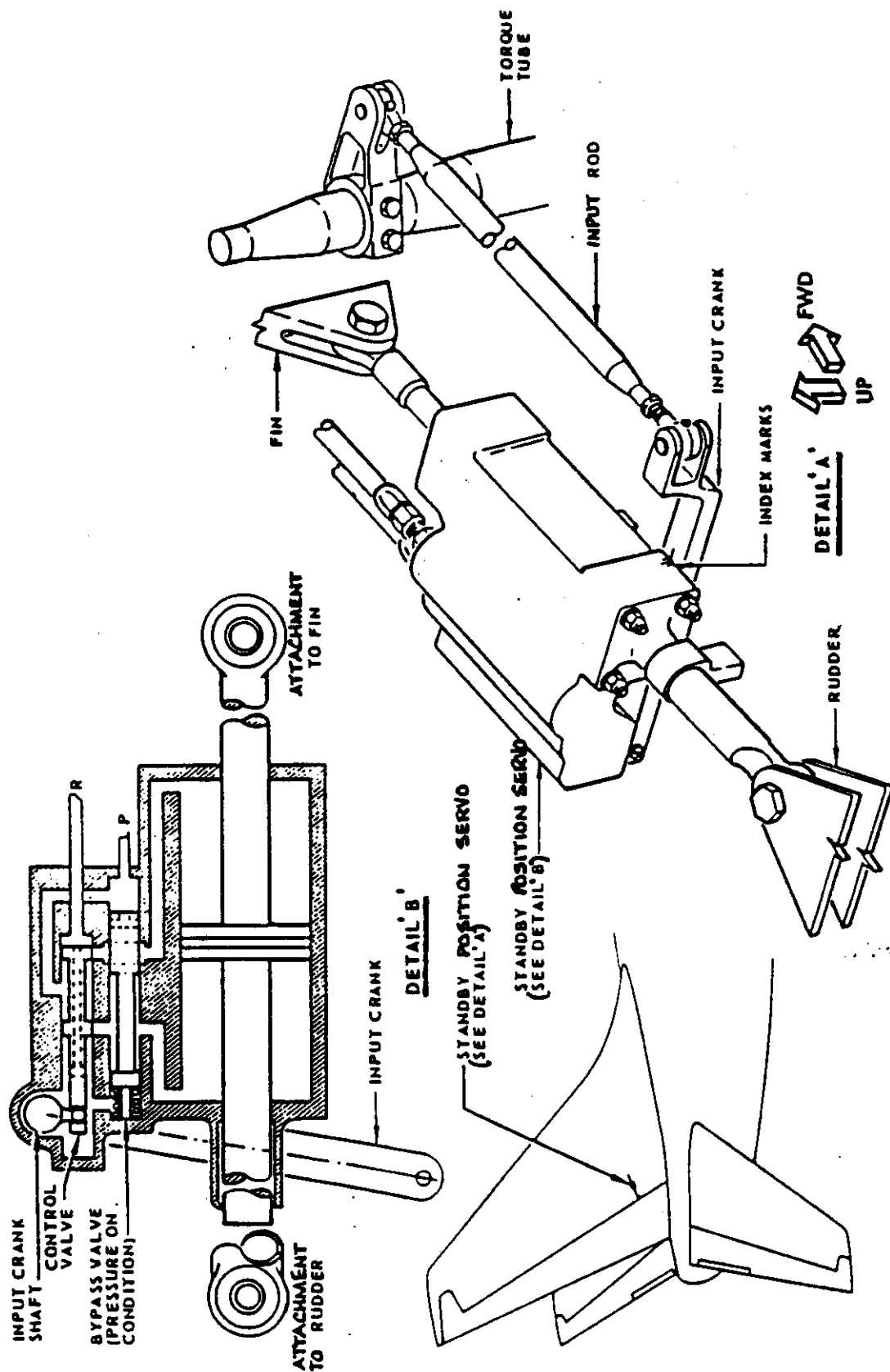


FIGURE 5.
 737 RUDDER STANDBY POSITION SERVO SCHEMATIC

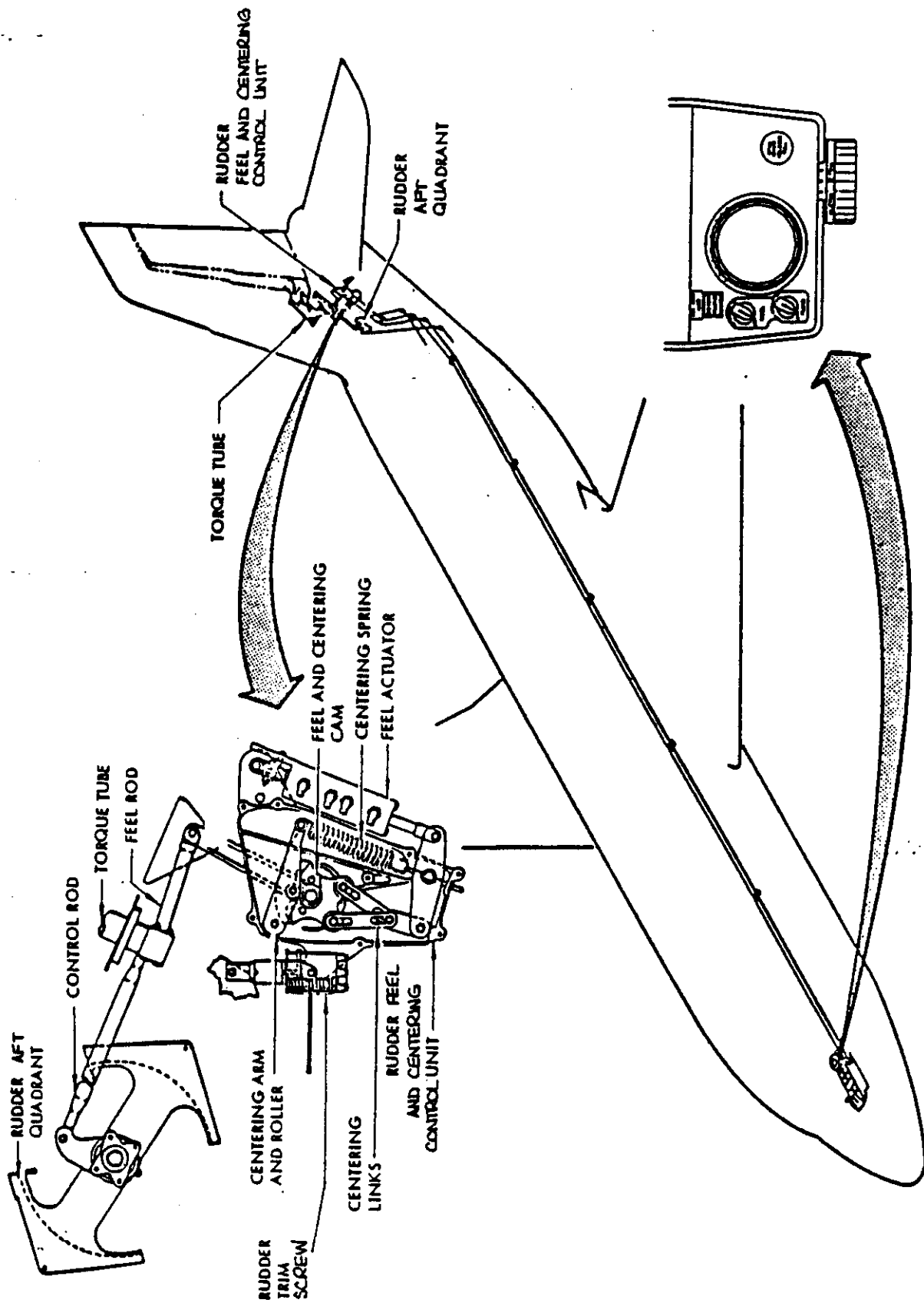


FIGURE 6.
737 RUDDER TRIM SYSTEM

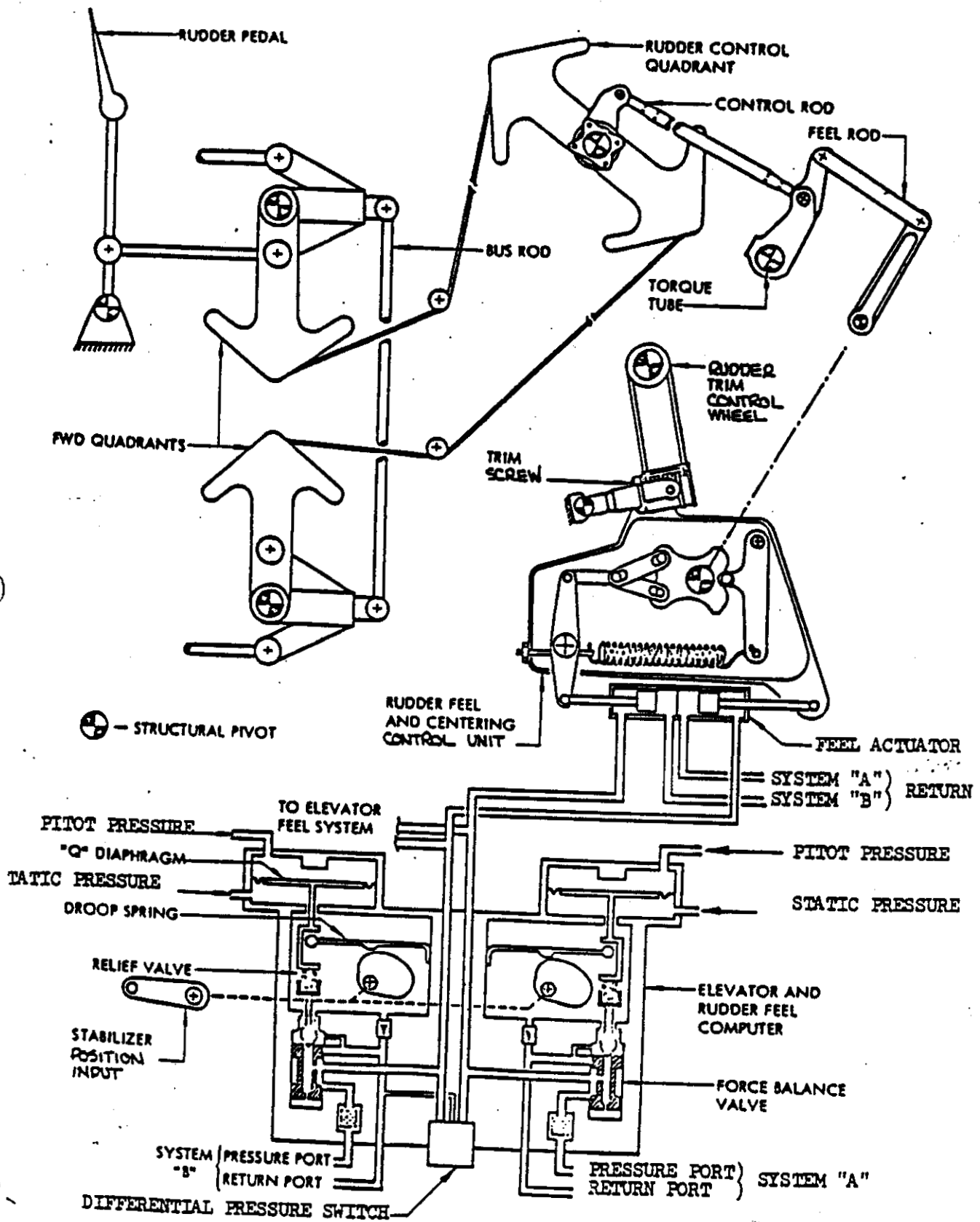


FIGURE 8.

737 RUDDER FEEL AND CENTERING SYSTEM SCHEMATIC