

CONTROL MAPPING FOR TPC C172 CONTROLLER (TEENSY FLIGHT SIM CONTROLS)

Switch	Teensy pin	Joystick button #	Function mapping
Fuel Pump (On)	8 (D6)	13	MISC. – Toggle Fuel Pump
Fuel Pump (Off)		14	MISC. – Toggle Fuel Pump
BCN (On)	7 (D5)	11	EXTERIOR LIGHTS - Beacon Lights On
BCN (Off)		12	EXTERIOR LIGHTS - Beacon Lights Off
LAND (On)	6 (D4)	9	EXTERIOR LIGHTS - Landing Lights On
LAND (Off)		10	EXTERIOR LIGHTS - Landing Lights Off
TAXI (On)	5 (D3)	7	EXTERIOR LIGHTS - Taxi Lights On
TAXI (Off)		8	EXTERIOR LIGHTS - Taxi Lights Off
NAV (On)	4 (D2)	5	EXTERIOR LIGHTS - Nav Lights On
NAV (Off)		6	EXTERIOR LIGHTS - Nav Lights Off
STROBE (On)	3 (D1)	3	EXTERIOR LIGHTS - Strobe Lights On
STROBE (Off)		4	EXTERIOR LIGHTS - Strobe Lights Off
PITOT HEAT (On)	2 (D0)	1	INST. AND SYS. – ANTI ICE - Pitot Heat On
PITOT HEAT (Off)		2	INST. AND SYS. – ANTI ICE - Pitot Heat Off
ALT (On)	9 (D7)	15	Alternator On
ALT (Off)		16	Alternator Off
BAT (On)	10 (D8)	17	INST. AND SYS. – ELECTRICS - Master Battery On
BAT (Off)		18	INST. AND SYS. – ELECTRICS - Master Battery Off
BUS 1 (On)	11 (D9)	19	INST. AND SYS. – FLIGHT INST. - Avionics Master 1 On
BUS 1 (Off)		20	INST. AND SYS. – FLIGHT INST. - Avionics Master 1 Off
BUS 2 (On)	12 (D10)	21	INST. AND SYS. – FLIGHT INST. - Avionics Master 2 On
BUS 2 (Off)		22	INST. AND SYS. – FLIGHT INST. - Avionics Master 2 Off
		23	
MAGNETOS (Off)	16 (A0)	24	INST. AND SYS. – ENGINE INST. - Magnetos Off
MAG. (Right)		25	INST. AND SYS. – ENGINE INST. - Magnetos Right
MAG. (Left)		26	INST. AND SYS. – ENGINE INST. - Magnetos Left
MAG. (Both)		27	INST. AND SYS. – ENGINE INST. - Magnetos Both
MAG. (Start)		28	INST. AND SYS. – ENGINE INST. - Magnetos Start