
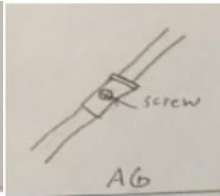
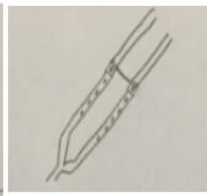
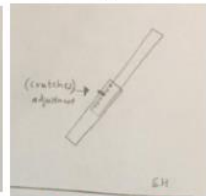
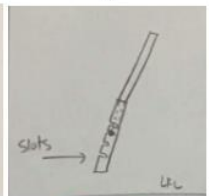


Appendix C: Subsystem Pugh Charts

Table C1: Leg Support Pugh Chart

	DATUM (1)	2	3	4	5
Criteria	DATUM	Rigid Bar	El Hefe	Ball/Joint	The Cloud
Safety	0	0	0	-1	-1
Durable	0	1	1	-1	-1
Light Weight	0	0	-1	1	1
Adjustable	0	0	0	0	0
Quick Attachment	0	1	1	0	0
Comfortable	0	0	1	1	1
Number better: S+	+0	+2	+3	+2	+2
Number worse: S-	0	0	-1	-2	-2
Number same: S0	6	4	2	2	2
	6	7	8	9	
Criteria	The Spider	Straps	The Cast	Bowl of Sand	
Safety	-1	0	1	-1	
Durable	0	0	1	0	
Light Weight	-1	1	-1	-1	
Adjustable	1	1	0	-1	
Quick Attachment	0	0	0	-1	
Comfortable	0	0	0	1	
Number better: S+	+1	+2	+2	+1	
Number worse: S-	-2	0	-1	-4	
Number same: S0	3	4	3	1	

Table C2: Pylon Pugh Chart

	DATUM(10)	11	12	13	14
					
	Telescoping rod pylon	Screw pylon	Crutches pylon	Crutches pylon2	Slots pylon
Safety	0	1	1	1	0
Durable	0	1	1	0	1
Light Weight	0	0	-1	0	0
Adjustable	0	0	-1	-1	-1
Quick Attachment	0	-1	-1	-1	0
Stable	0	1	1	0	0
Quick Adjustment	0	0	0	0	1
Number better: S+	+0	+3	+3	+1	+2
Number worse: S-	0	-1	-3	-2	-1
Number same: S0	7	3	1	4	4

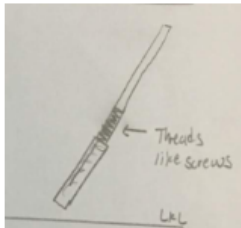


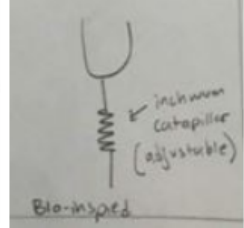
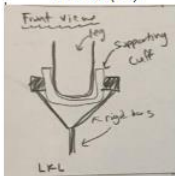

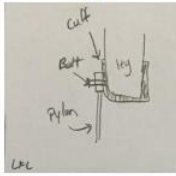
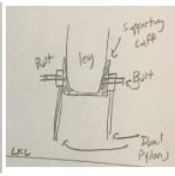
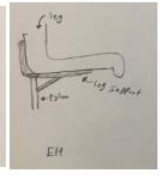
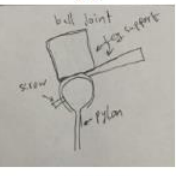
	15	16	17	18
				
	Thread pylon	Hiking pylon	Bike pylon	Catapiller pylon
Safety	-1	1	1	-1
Durable	0	0	1	0
Light Weight	0	1	1	0
Adjustable	1	1	1	0
Quick Attachment	0	0	0	1
Stable	-1	1	1	-1
Quick Adjustment	1	1	1	0
Number better: S+	+2	+5	+6	+1
Number worse: S-	-2	0	0	-2
Number same: S0	3	2	1	4

Table C3: Attachment Pugh Chart

	DATUM(19)	20	21	22	23	24
						
Criteria	DATUM	Under Knee	Parallel	Double up	Truss	Ball Joint
Safety	0	-1	0	1	1	0
Durable	0	0	0	1	1	0
Light Weight	0	1	1	-1	0	0
Quick attachment	0	-1	1	0	1	-1
Stable	0	-1	0	1	1	0
Number better: S+	+0	+1	+2	+3	+4	+0
Number worse: S-	0	-3	0	-1	0	-1
Number same: S0	5	1	3	1	1	4