Example of a BIOMECH Control File (.CFB)¹.

1	WA05PS ²	2	A desci	riptive	titl	e goes	here	Inc	lude	your	initia	als or	name. DGER
2	4	79 ³	69 ⁴	7 3	1	2	1	59	0	5⁵	1	7 ⁶	0 1
3	0	0											
4	.01		60.007				(0.0					79.8 ⁸
5 6	41 102	20011	110010	1000010	01	1110000	0 C	101		011110	000 1	01110	
6				.0 6.0									
7	3.0 5.0	0.0	6.0 6	.0 6.0	6.0								
8 9	1	2	-	4 5		57	0	0	0	0	0	0	
	Foot	Lo	w.leg			Trunk							
10	Ankle		lee	Hip		Should	er						
11	Shoulder	r Hi	р	Knee		Ankle	Н	eel		Ball	Т	oes ⁹	
12	Ankle	Kn	lee	Hip									
13	Leg Trunk												
14	.250	כ	.397	•	464	.4	75 ¹⁰						
15	0.0												
16	.014		.046		1000		780						
17	.500		.433		433	.6							
18	.475		.302		323	.50	03						
19	1 H	3EG ¹¹											
20	5 1	сто											
21	23 1	IFS											
22	31 (CTO											
23	52 (CFS											
24	64]	сто											
25	69 I	END											
-		cont'd next page											
										_			

¹Refer to the BIOMECH User's Manual for more details about constructing control files. The numbers on the left are for reference only.

²The trial code is typed in columns 1 to 8.

³Total number of film frames digitized.

⁴Number of frames excluding leading and trailing (usually 10 less than above).

⁵Number of frames in a cycle, 0, then start of cycle frame number. In this case cycle starts with Ipsolateral Toe-Off (ITO).

⁶Number of events codes (see line 19).

⁷Camera frame rate in frames per second.

⁸Subject's body mass in kilograms.

⁹These are the names of your markers; in same the order that you digitized them.

¹⁰Subject's measured segment lengths in metres.

¹¹Frame numbers of events and code names, right-justified in field. (There must be the same number of lines as in line 2, item 13).

cont'd

26	1111	11:	11111111	111111111	.111111111	1111111111	1111111111	111111111111111111111111111111111111
27		4	3	2 2				
28		7	4	31				
29						(blan	k line) ¹³	
30						(blan	ık line)	
31		1		2 0				
32		0.		0.	0.	0.	0.	
33		0.		0.	0.	0.	0.	
34		4			s and the	following	five line	es define the relative angles)
35		6		3				
36		4	3	2				
37		3		1				
38		1		1				
39	0		0.0					
40	(12F			T78,I3) ¹⁴				15- 1 16
41			0.00	0.00			0	FP¹⁵Filtered¹⁶
42	23	1			-16.38	0.00		87
43	24		-50.03		-15.41	0.00		88
44	25	1	-99.60		-14.17	0.00		89
45	26		-134.55		-13.00	0.00		90
46	27		-145.38		-12.12	0.00		91
47	28	1	-139.35	836.18	-11.39	0.00		92
48	29	1	-124.20	849.90	-10.65	0.00		93
49	30	1	-105.43	824.95	-9.93	0.00		94
50				•				
51				•				
52				•				
53	62	1	25.44	117.52	12.84	0.00		126
54	63	1	7.58	51.50	9.66	0.00		127
-	64	1	-2.71	5.74	6.13	0.00		128
		-	,_					

¹²This line can contain 0s, 1s, or blanks. If the number of frames in line 2, item 3, is greater than 80 include a second line.

¹³This and the following "blank line" must appear in the file.

¹⁴This line will change if the number of body markers digitized is not 7 (line 2, item 4).

¹⁵This and following lines are the edited ground reaction forces taken from a .RF file.

¹⁶The word "Filtered" was put here to indicate that the following data have been filtered.