

University of Connecticut
Human Performance Lab (sys#3)

*** FASTER ***

Patient Information

Name: FASTER43, VO2MAXTEST
Age: 32 yrs
Height: 66.0 in (168 cm)
File number: 0
Sex: M
Weight: 128.6 lb (58.5 kg)
Test time: 2014/06/05 15:47
Doctor:
Tech:

Test Protocol

Test degree: Maximal
Exercise device: Treadmill

Test Environment

Insp. temp.: 23.0 deg C
Insp. humidity: 48.0 %
Insp. O2: 20.94 %
(STPD to BTPS: 1.2507)
Baro. pressure: 737.0 mmHg
Exp. flow temp.: Mean of room temp. and 37.0 deg C
Insp. CO2: 0.03 %

Base Values for Sampling

Base O2: 20.94 %
Base CO2: 0.03 %
Measured O2: 20.91%, CO2: 0.09%

TIME	VO2/kg	METS	VCO2	VE	RER	RR	FEO2	FECO2	REE	%FAT	FATmin	%CHO	CHomin
min:sec	STPD	ml/kg/m	STPD	BTPS		BPM	%	%	Kcal/m	%	g/min	%	g/min
0:30	15.3	4.4	0.88	25.78	0.99	18	16.61	4.32	4.5	4	0.02	97	1.03
1:01	19.5	5.6	1.08	27.08	0.95	20	15.74	5.01	5.6	17	0.10	83	1.12
1:30	23.1	6.6	1.16	29.55	0.86	20	15.38	4.95	6.6	46	0.32	54	0.85
2:01	21.7	6.2	1.13	27.98	0.89	19	15.40	5.07	6.2	37	0.24	64	0.94
2:33	26.5	7.6	1.31	32.40	0.85	23	15.16	5.10	7.5	50	0.40	51	0.90
3:01	27.8	7.9	1.39	33.01	0.85	20	14.97	5.29	7.9	48	0.40	52	0.99
3:32	31.3	8.9	1.59	36.04	0.87	19	14.77	5.54	8.9	43	0.40	58	1.22
4:02	33.0	9.4	1.73	39.52	0.90	20	14.97	5.51	9.4	33	0.33	67	1.52
4:30	33.2	9.5	1.78	40.96	0.92	20	15.12	5.46	9.5	27	0.27	73	1.67
5:00	35.9	10.3	1.91	41.37	0.91	18	14.71	5.81	10.3	29	0.32	71	1.76
5:30	38.7	11.1	2.10	44.59	0.93	20	14.69	5.92	11.1	23	0.28	77	2.06
6:01	39.8	11.4	2.23	48.16	0.96	21	14.94	5.83	11.5	13	0.16	88	2.42
6:30	37.9	10.8	2.17	46.48	0.98	19	15.00	5.88	11.0	6	0.07	95	2.50
7:00	45.3	12.9	2.55	50.85	0.96	20	14.47	6.31	13.1	12	0.16	89	2.80
7:31	42.4	12.1	2.50	50.48	1.01	19	14.79	6.22	12.4	-2	-0.03	103	3.07
8:02	47.3	13.5	2.77	55.81	1.00	21	14.74	6.23	13.8	0	0.00	101	3.33
8:31	48.4	13.8	3.01	63.39	1.06	23	15.28	5.96	14.3	-20	-0.30	121	4.15
9:02	45.5	13.0	2.83	59.41	1.07	23	15.27	5.99	13.5	-21	-0.30	122	3.93
9:30	54.1	15.5	3.44	74.39	1.09	28	15.53	5.81	16.1	-28	-0.47	129	4.96
10:01	51.0	14.6	3.26	69.61	1.09	26	15.48	5.88	15.2	-29	-0.46	130	4.72
10:30	54.4	15.5	3.57	82.58	1.12	30	16.00	5.43	16.3	-38	-0.65	139	5.43
11:01	54.5	15.6	3.61	83.07	1.14	30	16.01	5.47	16.4	-42	-0.73	143	5.61
11:30	57.7	16.5	3.89	90.72	1.15	33	16.14	5.40	17.4	-48	-0.88	149	6.20
12:00	57.2	16.3	3.86	92.71	1.16	33	16.28	5.24	17.3	-48	-0.88	149	6.17
12:31	58.7	16.8	3.97	97.46	1.16	34	16.39	5.12	17.8	-48	-0.90	149	6.34
13:01	60.5	17.3	4.14	103.44	1.17	36	16.51	5.03	18.4	-52	-1.02	154	6.74
13:30	61.1	17.5	4.23	106.85	1.18	36	16.60	4.98	18.6	-56	-1.11	158	7.01
14:01	63.4	18.1	4.47	118.84	1.21	41	16.87	4.74	19.4	-63	-1.29	164	7.62
14:27	52.4	15.0	3.71	105.06	1.21	44	17.13	4.44	16.0	-64	-1.09	166	6.35

Max VO2: 3.71 L/min,
Ve/Vco2 Slope: 24.9
63.4 ml/kg/min, 18.1 METS