# M4HM 

## SCALING \& MOVEMENT SUBSTITUTIONS



## SCALING TIPS

- Preserve original stimulus
- Maintain time domain of workout and movement
- Maintain movement pattern
- Decrease reps
- Decrease load


## QUESTIONS TO ANSWER BEFORE SCALING

1. Can I do the RX weight and the RX reps?
2. Do I have the skill for RX
3. Can I finish the workout in the RX time domain?

If you answer "NO" to any of these questions, it's time to scale so that you ensure you maintain the desired stimulus of the workout.

Question 3 requires the most thought and discipline. For example: "Diane" is 21-15-9 (225/155lbs) Deadlifts and Handstand Push Ups. Without a time domain (target time or time cap), you might be able to do 45 Deadlifts at 225/155lbs and 45 Handstand Push Ups.

However, if that took you 20 minutes, you are missing the stimulus and purpose of the workout. This will not allow you to develop the 10 components of fitness and physical skills like cardiovascular/respiratory endurance, stamina, and maybe even speed. This will not serve your overall fitness in the long run.

Scaling this workout could look like 15-12-9 with RX movements, or 21-15-9 of Deadlifts and Push Presses at 115/80lbs. You might just need to bring the weight down slightly to 21-15-9 Deadlifts at 185/125lbs. The decision lies in your ability. All these options though (and many others, can preserve the stimulus and work the movement patterns intended.

The recommendations laid out on the next page are given to get you the closest stimulus and movement pattern as possible to the original movement within a workout. You can choose between the options based on your equipment and

| MOVEMENT | SCALING OPTIONS |
| :---: | :---: |
| HANDSTAND WALK <br> [ 100'] | 1. $20 / 16$ Calorie Ski <br> 2. 15 HSPU <br> 3. 100' Bear Crawl <br> 4. 8 Wall Walks <br> 5. 40 HS Shoulder Taps <br> 6. 1:00 Handstand Hold <br> 7. 20 DB Strict Shoulder Press |
| ROPE CLIMB $\text { [ } 1 \text { TO 15’ ] }$ | 1. 3-4 Toes-to-Bar <br> 2. 3 Strict Pull-Ups <br> 3. 25 ' Hand over Hand Sled Pull ( $1 \times 45 / 25$ ) <br> 4. 4-5 Strict Knees-to-Elbows |
| LEGLESS ROPE CLIMB $\text { [ } 1 \text { TO 15’ ] }$ | 1. 4 Strict Pull-Ups <br> 2. 25' Sled Pull |
| SQUAT SNATCH <br> [ 135/95] | 1. 1 Power Snatch ( $135 / 95$ ) <br> 2. 1 Overhead Squat ( $135 / 95$ ) |
| PEGBOARD [1] | 1. 1 Legless Rope Climb <br> 2. 2 Rope Climbs <br> 3. 5 Strict Pull-Ups |
| TOES TO BAR $\text { [ } 10 \text { ] }$ | 1. 12 GHD Sit-Ups <br> 2. 14 V -Ups <br> 3. 16 Alternating $V$-Ups <br> 4. 20 Abmat Sit-Ups <br> 5. 10 Weighted Abmat Sit-Ups [light/moderate weight] |


| GHD SIT-UPS [ 10 ] | 1. 8 Toes-to-Bar <br> 2. 12 V -Ups <br> 3. 14 Alternating V-Ups <br> 4. 16 Abmat Sit-Ups <br> 5. 8 Weighted Abmat Sit-Ups [ light/moderate weight ] |
| :---: | :---: |
| HEAVY DOUBLE UNDERS $\text { [ } 50 \text { ] }$ | 1. 75 Double-Unders <br> 2. 150 Single-Under |
| SLED PUSH <br> [ 100' at 190/145] <br> [NOTE: EMPTY SLED = 100LBS] | 1. 50' Front Rack Lunge [ 95/65 ] <br> 2. Back Rack Lunge 50' [ 135/95 ] <br> 3. 100' Front Rack walking carry [ 155/105 ] <br> 4. 100' Sandbag Carry on Shoulder [ 100/75] <br> 5. 15/12 Cal Assault OR 12/9 Cal Echo Bike <br> *If sled weight increases, the increments for the barbell subs will be $95 / 65,115 / 80,135 / 95,155 / 105,185 / 125$.*If sled distance increases, then complete half the distance in lunges OR the full distance in carries. |
| ```SLED PULL [ HAND OVER HAND ] [ 190LB /145LB ] [NOTE: EMPTY SLED = 100LBS]``` | 1. 5 Strict Pull-Ups <br> 2. 1 Legless Rope Climb <br> 3. 2 Rope Climbs <br> 4. 100' Farmers Carry (2 Kettlebells or Dumbells of moderate weight) |
| SLED DRAG <br> [NOTE: EMPTY SLED = 100LBS] | 1. Backwards Sandbag Carry <br> 2. Tie plate, DB or KB around waist with strap and walk |


| RING MUSCLE-UP | 1. Bar Muscle-Up <br> 2. Burpee Pull-Up [ 2 Pull-Ups if scaling for lack of equipment. 1 Pull-Up if scaling because unable to do Muscle-Up ] |
| :---: | :---: |
| PULL-UP [ KIPPING ] $[10]$ [10] | 1. 10-15 Banded Pull-Ups <br> 2. 10-15 Jumping Pull-Ups <br> 3. 5 Strict Pull-Ups <br> 4. 15 Ring Rows <br> 5. 15 Body Rows |
| PARALLETTE HSPU <br> [1] | 1. 1 Deficit HSPU [ 6"/4"] <br> 2. 1 Strict HSPU <br> 3. HSPU [ 2 reps if scaling for lack of equipment. 1 rep if scaling because unable to do Parallette HSPU's ] |
| SANDBAG CLEAN | 1. For $150 / 100$ Sandbag, sub Power Clean [ $185 / 115$ ] <br> 2. For $100 / 70$ Sandbag, sub Power Clean [ $115 / 80$ ] |
| SANDBAG SQUAT | 1. For $150 / 100$ Sandbag, sub Front Squat [185/115] <br> 2. For $100 / 70$ Sandbag, sub Front Squat [ $115 / 80$ ] |

## MAM的

CALORIE CONVERSIONS

| CALORECONMERSMS |  |  |  |
| :---: | :---: | :---: | :---: |
| ROW / BIKE ERG/ SKI ERG | ASSAULT BIKE | ECHO BIKE | AIR RUNNER |
| 10/8 | 8/6 | 6/5 | 8/6 |
| 12/10 | 9/7 | 7/6 | 9/7 |
| 13/11 | 10/8 | 8/6 | 10/8 |
| 15/12 | 11/9 | 9/7 | 11/9 |
| 16/13 | 12/10 | 10/8 | 12/10 |
| 20/16 | 15/12 | 12/10 | 15/12 |
| 21/17 | 16/13 | 13/10 | 16/13 |
| 24/19 | 18/14 | 14/11 | 18/14 |
| 25/20 | 19/15 | 15/12 | 19/15 |
| 28/22 | 21/17 | 17/14 | 21/17 |
| 30/24 | 23/18 | 18/14 | 23/18 |
| 33/26 | 25/20 | 20/16 | 25/20 |
| 35/28 | 26/21 | 21/17 | 26/21 |
| 40/32 | 30/24 | 24/19 | 30/24 |
| 45/36 | 34/27 | 27/22 | 34/27 |
| 50/40 | 38/30 | 30/24 | 38/30 |
| 55/44 | 41/33 | 33/26 | 41/33 |
| 60/48 | 45/36 | 36/29 | 45/36 |
| 65/52 | 49/39 | 39/31 | 49/39 |
| 70/56 | 53/42 | 42/34 | 53/42 |
| 75/60 | 56/45 | 45/36 | 56/45 |
| 80/64 | 60/48 | 48/38 | 60/48 |
| 85/68 | 64/51 | 51/41 | 64/51 |
| 90/72 | 68/54 | 54/43 | 68/54 |
| 95/76 | 71/57 | 57/46 | 71/57 |
| 100/80 | 75/60 | 60/48 | 75/60 |

## DISTANCE CONVERSIONS

| RUN | ROW/SKI ERG | BIKE ERG | ASSAULT BIKE | ECHO BIKE | SHUTTLE RUNS |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 100m | 125/100m | 250/200m | 8/6 cals | 6/5 cals | 5 |
| 200m | 250/200m | 500/400m | 15/12 cals | 12/10 cals | 10 |
| 400m | 500/400m | 1,000/800m | 30/24 cals | 24/19 cals | 20 |
| 600m | 750/600m | 1,500/1,200m | 45/36 cals | 36/29 cals | 30 |
| 800 m | 1,000/800m | 2,000/1,600m | 60/48 cals | 48/38 cals | 40 |
| 1,000m | 1,250/1,000m | 2,500/2,000m | 75/60 cals | 60/48 cals | 50 |
| 1,600m | 2,000/1,600m | 4,000/3,200m | 120/96 cals | 96/77 cals | 80 |
| 2,000m | 2,500/2,000m | 5,000/4,000m | 150/120 cals | 120/96 cals | 100 |
| 5,000m | 6,250/5,000m | 12,500/1,0000m | 375/300 cals | 300/240 cals | 250 |
| 10,000m | 12,500/10,000m | 25,000/20,000m | 750/600 cals | 600/480 cals | 500 |

* Each shuttle run rep is 25 feet down +25 feet back (50 feet total)

