www.FireRescueFitness.com

Rapid Fat Loss for Firefighters

The Six Week "Fat Attack" Workout Program **Designed** to **Transform** You into a Leaner and Stronger Fire **Rescue** Athlete

Fat Loss for Firefighters



7.4%

Burn FAT and Get Fit for Duty!

By Aaron Zamzow, BS CPT



To All Firefighters, EMTs and Paramedics,

The time is now to make a positive change in our industry. Eat right, exercise and set an example for your department and your community. This program is over 20 years in the making, I know it will help you obtain a higher level of fitness and <u>make</u> you "Fit for Duty."

Stay Safe and "Train like a life depends on it."

-Aaron Zamzow

Time to Get FRF

Disclaimer:

The information in this manual is meant to supplement, not replace, proper exercise training. All recommendations in this book are not medical guidelines but are for educational purposes only. Be aware that all forms of exercise and stretching pose some inherent risk. The authors advise readers to take full responsibility for their safety and know their own limitations. Before practicing the exercises, activities, and stretches in this book, please be sure that your equipment is well-maintained and do not take risks beyond your level of experience, aptitude, skill and fitness. The exercises and dietary programs in this book are not intended as a substitute for any exercise routine or treatment or dietary regimen that may have been prescribed by your physician or physical therapist. **As with any exercise program you should consult with your doctor before you begin.**

If you are taking any medications, you must talk to your physician before starting any exercise program. If you experience any light headedness, dizziness, or shortness of breath while exercising, stop the movement and consult a physician. You must have a complete physical examination if you are sedentary, if you have high cholesterol, high blood pressure, or diabetes, if you are overweight, or if you are over 30 years old. Please discuss all nutritional changes with your physician or a registered dietician. If your physician recommends that you don't use this Fire Rescue Fitness Program, please follow your doctor's orders.

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About Aaron Zamzow & the Fire Rescue Fitness FRF Fat Loss for Firefighters Program...

My name is Aaron Zamzow. I'm a Firefighter and EMT in Madison Wisconsin and also a certified and degreed Personal Fitness Trainer and author. I've been in the Fire Service for almost 10 years and have been personal training for 20 years; I created <u>www.FireRescueFitness.com</u> because I was discouraged by all of the programs on the market claiming to be geared toward firefighters. In most of these cases programs were written by trainers and not by firefighters.

I've developed the FRF (Fire Rescue Fitness) FRF Fat Loss for Firefighters Program to give Firefighters, EMTs and Paramedics (FireRescue Athletes) a revolutionary new training method that will reduce the risk of injury, increase strength, decrease body fat and insure that you are always "fit for duty." This program is 20 years in the making and is endorsed by thousands of firefighters, paramedics, and elite trainers.

The information in FRF (FireRescue Fitness) FRF Fat Loss for Firefighters Program for education purposes only. It is not medical advice and is not intended to replace the advice or attention of health-care professionals. Consult your physician and/or physical therapist before beginning or making changes in your diet or exercise program.

"Train like a life depends on it."

Antern

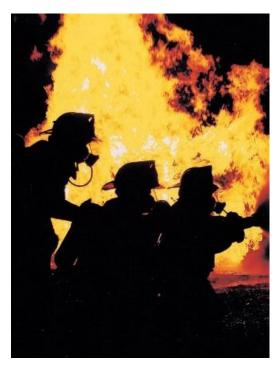
Aaron Zamzow, Firefighter/EMT, BS and Certified Personal Trainer Owner <u>www.FireRescueFitness.com</u>

Thanks for purchasing the FRF Fat Loss for Firefighters program.

This program was created to help get Firefighters, EMTs, and Paramedics get in and stay "fit for duty." We all know that firefighting can be an exhausting physical activity. Unlike the in-season athlete, we aren't told ahead of time when we will need to compete. It's too bad we don't get advanced warning of our fire runs: "Hey guys, Mr. Davis just called to tell us his house is going to catch fire tomorrow at 5 pm or that he is going to need a transport to the hospital." So, in the absence of prior warnings, we (as Fire Rescue athletes) need to be well-prepared and ready to roll at a moment's notice.

Performance Enhancement and Injury Prevention are the goals of all elite athletes. Enhancement allows us to just plain be better... win... save lives in this case. Injury Prevention allows us to do the job without injuring ourselves or others.

Ask yourself the following questions: What efforts do you consistently make to improve your overall health? Are your choices helping or hurting your performance at the emergency scene? If company assignments were done like picking teams in gym class, would you be the first or last one picked?"



If you've been training sparingly or need to get back into shape, this program is for you. If you've been doing the traditional bodybuilding/ body part training (which don't help your performance on the fire ground), then this program is for you. Maybe you've been following other fitness programs and have noticed that your efforts haven't transferred to the fire ground, then...this program is for you. Essentially this program is for any Fire Rescue Athlete that wants' to improve their level of fitness, reduce chances of injury (especially shoulder and back) get stronger and get leaner.

The Components of the FRF Fat Loss for Firefighters Workout Program

This program is more than just another workout. A big part of achieving fitness success is nutrition and recovery. So, in order to insure your fitness success I included the FRF Standard Operating Procedures to Eating Lean in the Firehouse, The FRF Healthy Recipe Cookbook and the FRF Stretch and Recovery Manual. Follow the eating guidelines, use the recipes with your family and crew and learn how to foam roll and stretch, all of these actions can prolong your career. I suggest you take a little time and review all of the aspects of the program (you can always email me with questions) and make a plan for success.

Now, if you are like me, you like to log your progress, another "bonus" of the program is the FRF Fat Loss for Firefighters Gym Companion and log sheets. This is a printable manual (about 15 pages) that you can use as logs and exercise references to take to the gym. Most fire rescue athletes print the workouts and use their phone or tablet to link to the exercise videos if needed. I you did not download some of these bonuses, please refer to your receipt email or email me so I can get them too you.



The Workout

This program is just a taste of what you will get from the <u>Ultimate Fire Rescue Athlete</u> <u>Program</u>. Why develop the FRF Fat Loss for Firefighters Program if I already developed one of the best workouts for firefighters? Because, I feel that your results from just theses few workouts will motivate you to come back for the full program. This program has been 20 years in the making; trough hundreds of client sessions, thousands of hours, numerous seminars and hours of education. All combined, have allowed me to come to this point. Everything about this program is based on tried-and-true principles which have been precisely formulated to help stimulate and increase muscle, as well as burn body fat and ultimately allow you to perform the most demanding job in the world with more efficiency.

You quickly find that this program doesn't take time, it creates time. It is so precise, focused, and efficient that you will gain energy, which will enable you to fit more into your personal and professional life. Performing this unique type of exercise program regularly can even extend the active, enjoyable, and rewarding years of your life and your career. In that way, it doesn't only help you create a few extra hours a week, it can literally add active years to your time in this world. So let's take a look at why this program is effective.

Active Warm-up

Each one of the resistance training workouts will start with a short cardiovascular exercise followed by specific active stretching movements. In the past you may have skipped this part, but I assure you these exercises will help strengthen and

<u>A Note on Stretching and</u> <u>Recovery</u>

As soon as you are finished with any of your training sessions either the cardio intervals or strength training, I recommend that you take a few minutes to stretch via static stretching. I also highly recommend utilizing a foam roller. This is a compact tube of foam that can be used as an inexpensive self-massager that can help heal aching and damaged muscles. I personally find that foam rolling helps reduce stress, get the blood flowing, and realigns my body. I believe that stretching and foam rolling is such an important part of a fire rescue workout that I included a standalone guide with this program, please don't neglect this part of the workout.

even tone your body. In fact, if you were to incorporate just one element of this program into your current workout routine, I'd want it to be the warm-ups. Nothing else provides so much value in so little time. The warm-ups prepare the body for movement, boosts heart rate, increases blood flow to the muscles, and gets you ready to for the rest of the workout. These movements also improve the function of your nervous system. Think of this component as taking a few minutes to warm-up an engine that has been sitting outside in cold temperatures all night. The main goal of this component is to improve the long-term mobility and flexibility of your muscles. By doing these exercises, you will be able to increase your strength, and flexibility, which as you know can prolong your career as a Fire Rescue Athlete.

How do you do the movement? Rather than have you hold your stretches, as in traditional stretching, you move your body into position just for a few seconds and then go back to your starting position. The warm-up routine wakes up your muscles and not just for your workout, they remain flexible for the rest of the day. Generally, we will do 5 to 10 repetitions of each of the warm-up exercises; not only will it feel like part of your workout, at first it might feel like a workout itself. Don't worry, your body will quickly condition itself to the exercises, and when you're done, you'll feel warmed up, rather than worn down. And, you'll be better prepared for not only your workout but for whatever challenges your daily activities bring.

Core Training

Core training brings about a proactive approach to protecting your body and joints (especially your back) from injury. It is essential that you do NOT skip this portion of the workout, which is why I designed it toward the beginning. A recent survey of the Miami Dade County Fire Rescue Department recently reported that 55% of their members reported current low-back pain. In addition, 86% of members reported a past medical history of low-back pain. *Lower-back problems are often associated with an imbalance of strength and flexibility of the lower back and abdominal muscles*. Many physicians feel that

the major cause of low-back pain and low-back injuries is simply physical deconditioning. More specifically, low endurance in the large muscle groups, particularly the back extensors and abdominals.

Core strength consists of hip, shoulder, and trunk stability. It is the foundation of efficient movement and vital to optimizing performance and health. During the FRF Fat Loss for Firefighters Program, you will perform the core routine after the warm-ups on resistance training days three times a week. Aside from the exercises involving a stability ball, and some additional resistance (a plate or dumbbell) these exercises require limited equipment.

Strength Training

I've watched Fire Rescue Athletes at the gym and at the firehouse and often wonder why people go about their workouts the way they do. I think we all resort back to a way we were taught in high school or college or maybe learn a particular routine from a magazine. Regardless, to get better at something, especially in the appearance and performance of your body, you have to make some sort of measurable progress. And yet, people (maybe this is you) rarely challenge themselves when they work with weights. They lift the same weight for the same number of repetitions, year in year out, never attempting to get stronger. Their bodies may make some changes for a short time but then they stop challenging themselves to lift heavier weights, and their bodies stop changing. They may have even back-slid a bit, working out less often because of the boredom and the monotonous program. This can't be an option for the Fire Rescue Athlete; lives depend on our level of fitness.

So this brings us to the one thing that irritates the crap out of me. In every firehouse and gym in America there are Firefighters, EMTs and Paramedics who stand around lifting separate muscle groups and resting, resting, resting. When on a scene or in the middle of fire operations, there is no standing around. When we are needed to perform, we have to perform. We as Fire Rescue Athletes need to challenge our bodies, our hearts, our personal will, and be efficient in the gym just like we need to be on a scene. This program

utilizes exercises that do just that; they will challenge every muscle in your body including the most important...your heart.

The exercises are specifically chosen to challenge both your major muscles and your smaller stabilizing muscles. This way you recruit more muscles, improve your coordination and burn more calories while you're at it. You'll certainly increase the strength of your muscles and also challenge your balance, flexibility, and joint stability. Contrast that to the average muscle building routines that you've done and that most of the people in your health club do. They look at their bodies as separate compartments as in training chest and triceps one day back and biceps the next, then legs and sparingly throw in some abs. Our bodies don't function that way on the fire ground so they shouldn't function that way in the gym either. The strength exercises will include some familiar exercises, like dumbbell chest presses but will also include exercises that will really challenge total body strength. Like a squat, press, one arm row, pull-up, etc.

To gain a better knowledge of the strength training workouts, let's take a look at the variables utilized for each exercise.

<u>**Rest-**</u> Rest is the amount of time taken between exercises or sets of an exercise. The FRF Fat Loss for Firefighters Workout Program gives you specific rest guidelines for each workout. These rest intervals are short and challenging, to burn fat and build muscle-- you have to get moving! Get a stopwatch and abide by the rest guidelines. I see so many people resting too much. Get going and stay going but remember, form is the ultimate factor, if you cannot keep your form, stop and rest or reduce your resistance.

<u>**Tempo-**</u> Tempo is the pace at which you execute an exercise. The FRF Fat Loss for Firefighters Workout Program uses a moderate 2-0-2 pace (unless the exercise calls for jumping or plyometrics). Here is an easy way to remember the 2-0-2 tempo. Use a cadence of 2 seconds (say to yourself, "I am Fit for Duty") as you lower your weight, then repeat ("I am Fit for Duty") as you raise it back up. It's important to use this moderate pace, it allows for more muscle development and insures control of the weight.

<u>**Reps--**</u> Reps are the number of times you repeat a given exercise or movement in a set. The rep ranges progressively change with each exercise and workout. I give a safety range of reps for each exercise that can be explained more effectively when combined with intensity.

Intensity (Resistance)--- Intensity is generally recorded as a percentage of your one-rep max (the maximum amount of weight that you could lift for a particular exercise). To simplify this concept, I use a safety rep range for each exercise. You'll notice two numbers prescribed in the reps area. You should choose a resistance that you know you can perform, with good form, within that range. For example the squat to press exercise may call for 8-12 reps. I know I can safely perform 35 pounds for 10 reps. I start my first set with 35 and complete 11, rest for the prescribed amount of time and can only do 9 on my second set. If the exercise called for a third set, I would stay with the 35 pounders and have to push to get the 8 reps. The rest intervals make it very challenging to keep your resistance the same for every set, that's part of the challenge. If you can't complete the number of reps in the given safety range, you have to decrease your weight (intensity). Conversely, if you can perform the top number of reps with good form, move your weight up.

<u>Sets-</u> Sets are the completion of the prescribed number or reps for a given exercise. If you have an exercise that is performed on each side- a single arm row for instanceperform the given number of reps on each side of your body. As a reminder the reps will be written as "8-12 each." Like the reps, you'll notice two numbers in the sets column, such as 1-3. This is the safety range of sets, depending on your current level of fitness. Beginners should begin the program by performing the lower number of sets of the exercise. As you progress from workout to workout, you can increase the number of sets as you feel you can tolerate. You'll know to increase the number of sets when you begin your next workout and are not sore form the last one. Intermediate and advanced exercisers should start with the middle to higher number of prescribed sets. You should always feel as if you can do better than the previous workout either with the number of reps, resistance or the number of sets (provided you are following the prescribed rest interval). That is the point; to get stronger and leaner; you have to push yourself to new limits. I suggest that you utilize the included workout logs and keep track from workout to workout; that way you can constantly monitor your progress.

Challenge Workouts

One of the unique features of the FRF Fat Loss for Firefighters Workout Program are the Challenge Workouts. These workouts are very efficient and great at assessing and measuring progress. The exercises of the Challenge workouts can easily be modified to be performed at home or in the firehouse. You will perform either the 300-rep challenge or the progressive workout challenge at least once a week. If you like these workouts you can easily do them more than once a week. Personally, I think performing them at the end of the week is a great way to measure progress.

10 - Minute Interval Overhauls

Now, as you probably know from reading my blog posts that I think that interval training is very applicable to what we do on the fire ground. One of the unique components of the program is the 10minute Interval Overhauls. These interval



Overhauls are a combination of exercises that challenges the total body, allows you to work on firefighter skills and can simulate work on the fire ground. And... they can really "jackup" your metabolism too! You'll discover these Overhauls can more realistically simulate the exhaustions felt on the fire ground and rescue scene.

You should choose between one of these three Overhauls after each strength training workout. There are thousands of options for these Overhauls (which I blog about often). If you create your own, I would like to know about it so please <u>email me</u> your ideas.

Overhaul Option #1

<u>Incline Treadmill-</u> This is a great overall Interval Overhaul, it may not have a fire ground skill but can help you become efficient climbing. (If you really want to challenge yourself you can try to perform this with a weighted vest or SCBA).

I start the treadmill, and walk for 2 minutes to get my body ready for the motion, then I set the pace to about 4.0 mph, and the incline to 6.0 incline. This is my starting point, which I'll increase the incline level as the workout goes on. I mix in 30 second rest periods where I step off the sides of the treadmill during this workout, in order to make the intensity levels more varied and higher intensity during the work intervals. Here's how I do this:

- First 1 minute (after 2 min warm-up): speed 4.0, incline 6.0
- 30 second rest (step off side while letting treadmill keep running)
- Next minute: speed 4.0, incline 7.0
- 30 second rest (step off side while letting treadmill keep running)
- Next minute: speed 4.0, incline 8.0
- 30 second rest (step off side while letting treadmill keep running)
- Next 1 minute: speed 4.0, incline 9.0
- 30 second rest (step off side while letting treadmill keep running)
- Next 1 minute: speed 4.0, incline 10.0
- Last minute bring treadmill back to 3.5 mph and 0 incline Total of 10 minutes....and a lot of sweat.

Progression: on the next time I do this workout, I'll try to increase the incline level a bit more on each interval. Each time I try this, I'll include some sort of progression by doing a higher incline or slightly higher speed.

Overhaul Option #2

<u>Sledge o' matic</u>- For this finisher you need a sledge (the heavier, the harder), an old tire, some heavy stuff to carry, and an interval timer set to 30 seconds of work and 30 seconds of rest for 10 intervals (10 minutes total time).

Take the sledge and slam the tire for 30 seconds, then rest for 30 seconds. For the next interval, grab two saws or heavy dumbbells; walk (with a purpose) for 30 seconds, after the 30 seconds is up, place the weights down and actively rest for 30 seconds. Repeat each interval 4 more times. Use different swing positions with the sledge and slam interval (right side, left side, overhead).

Overhaul Option #3

<u>Stairs (can also be used with a Stairmaster set to a challenging pace)</u> - This is a challenging "finisher" that works your climbing skills and throws in a little upper body core work as rest. Find a set of stairs and an interval timer set to 30 (or 45 for more challenge) seconds of work and 30 (or 15 for more challenge) seconds of rest for 10 intervals (10 minutes total time).

For the first 30 (or 45) seconds run as many stairs as possible, then hit the floor and hold a push up position for the next 30 seconds (really focus on brining your heart rate down during this active rest). Repeat this 9 more times. If you really want a challenge, try this finisher in full turnout gear. Enjoy!

Firehouse Overhaul Option

For this finisher you need a sledge (the heavier, the harder), an old tire, some old fire hose,

steps (or something to step-up on) and an interval timer set to 30 seconds of work and 30 seconds of rest for 10 intervals (10 minutes total time).

You should set-up 5 different stations (which you will repeat 2x each). You can do them in any order: sledges on the tire (overhead and side), run steps (you can carry equipment or weights



to make it more challenging), crawls (like you are searching for a victim), battling hose-lines (see picture), and a core exercise (we like to add a plank).

You can add any fire ground exercises you wish like raising a ladder, dragging a victim, hose-line drag...be creative.

Cardio Interval Training

I heard someone once say running long and slow teaches your body one thing, how to run slow. If that's all you're after, you can stop reading; I don't want you to be late for your water aerobics class. But in our profession you need to move quickly and with purpose, I'm not saying that long and slow cardio is totally worthless, I'm saying it has its place. In fact, I recommend performing a lower intensity, longer cardio workout at least once a week to flush the muscles. But, what I am talking about here is training your body and your heart to function under higher intensity. The cardio intervals not only prepare you for the fireground but also blast away a lot of calories and body fat (as an added bonus).

The purpose of any firefighter's cardiovascular program is to help them work more efficiently under the stresses encountered every day on the job, be it on the fire or rescue ground. Intervals raise our maximal oxygen uptake (VO2 max), which, simply put, is the greatest amount of oxygen our bodies can use during maximum aerobic effort. Firefighters who can work longer before they reach their VO2 max will be able to accomplish more on the fireground. Intervals also help the body to more efficiently flush muscles of lactic acid. We develop a build-up of lactic acid and hydrogen ions that are associated with the burning sensation we feel in our muscles when under heavy physical stress. It has been shown that trained individuals will clear lactate faster than those who aren't trained and will therefore feel less pain when undergoing physical exertion. The bottom line: We want to build a cardiovascular training program that enables us to work longer and harder with less physical pain when it really counts.

So what are intervals? In their simplest form, they're short bursts of high intensity exercise separated by periods of lower intensity effort. Keep in mind; it's not just high

intensity training. Running a PR for a 5K is great, but not an interval workout. You need those lower intensity periods as well, not just sustained effort. Without the recuperation of the low periods you'll never have the ability to make the tough parts as high intensity as they need to be. It's those high intensity periods that bring the results.

As you read the workouts below, you may notice I don't talk about strict percentages like 80% maximum heart rate or at RPE (rate of perceived exertion). I do however list some guidelines in the summary chart to use as a guide. It's not that I am opposed to using heart rate or RPE as a guide; it's just that sometimes we get wrapped up at looking at our certain percentages we forget how to truly listen to our bodies and "push it." A quick note on RPE, I like to use the 1 to 10 scale which basically says that at a 1 effort you are laying in bed watching TV and at a level of 10 you are working so hard you're ready to hurl.

These are excellent workouts to be done on any cardio piece of equipment including a stairwell or track, where it is easy to control your speed or level and watch a clock. Do these correctly, and your heart will be "fit for duty." So with that thought in mind let's look at the interval workouts.

Beginner Interval Workout:

Start with 10 minutes at whatever you consider a moderate pace, you should be able to talk in short bursts, but not carry on a normal conversation. As soon as the 10 minutes are up, move (increase speed or level) as fast and furiously as you can for a 60 seconds. When the 60 seconds are up, drop your intensity down to a manageable pace (or level) for another 60 seconds, and then take off again. Do this five times.

When you're at your highest intensity level, you should be moving like somebody's chasing you, as fast as you can. When your five sets are over, do another 10 minutes at your moderate pace. Total workout time is 30 minutes.

***Note that if the minute intervals are too difficult at first, drop the high intensity time to30 seconds and gradually try to work up to 1 minute.

On-shift Crew Interval Workout:

Working out on-shift is a major concern, you want to make sure you keep your body in good "fit for duty" condition but also want to make sure you have enough "left in the tank" to respond and perform in an actual response. Over the last couple of years I have toyed with various workouts on shift; high intensity, heavy lifting, stretching only, and even some yoga. I have found that interval workouts are not only the most effective but a great way to incorporate fire ground movements (steps, crawls, sledges, drags, lifts, carries, and some core).

Here is an example of a workout that I did with my crew. I like to set the interval timer for 35 seconds of work with 25 seconds of rest. If you are just beginning intervals you may want to set the timer for 30 seconds of work with 30 seconds of rest. For this workout we choose to perform 6 exercises for 4 circuits (total of 24 minutes). These exercises can be anything you want (fire ground related). Here are some examples:

- Aerodyne (if you don't have an aerodyne you can use row machine or battling hose lines)
- 2. Weighted Jump Rope
- Stair Crawling (bear crawl up the stairs then run back down)
- 4. Sledges on a tire (overhead and side sledges)
- 5. Core Exercise (plank, bird-dog)
- 6. Mountain Climbers (or burpees)

Perform this circuit 4x for a total of 24 minutes. Feel free to interchange the circuits with your favorite active warm-up or fire ground exercises (please let me know if you do).

Intermediate to Advanced Interval Workout:

When you're ready to progress from the beginner workout, try this on. 10 minutes at your moderate pace. As soon as the 10 minutes are up, increase intensity for 90-seconds.



Follow the 90-second high intensity with 30 seconds of recovery (easy) pace. Repeat this 2minute interval combination for a minimum of 5 times. Try to add one more interval each time, work up to a max of 10 intervals. When your five (or more) sets are over, do another 10 minutes at your moderate pace. Total workout time is at a minimum of 30 minutes with a max of 40 minutes.

You can see that the intensity of the cardio burst can change in a few different ways. You can decrease the rest interval duration and increase the burn phase and you can also change the intensity and speed of the exercise. I recommend that beginners stick to a 30 second burn phase and 90 second recovery phase. Gradually you should increase your intensity (level or speed depending on the exercise) then work on increasing the time of the burn phase. The main point is that you don't have to do the long cardio sessions, make them short and intense.

On the following pages you will find a workout schedule on how to set-up your workouts. You can start on any day of the week you want, use the workout schedule as a guide. You will also see the different workouts that you will follow, look at each exercise, utilize the coaching sheets and the video links to watch the exercises in motion. I recommend that you take the first week to get acclimated to the new exercises, focus on form and really try to stick with the suggested rest times. You will notice that the 10-minute Overhauls are not incorporated in the program until the second week, as stated above I really want you to emphasize the quality of the exercises and focus on form. On weeks two, three and four however, kick it in gear and make tons of progress.

Each workout is highlighted (or linked) to specific coaching sheets that will queue you on proper form and posture. These coaching sheets will further link you to my <u>YouTube</u> page where you can see each exercise in action.

Alright, I think I covered it all. It is in your hands now. I know you can and will succeed! Keep in mind that once you've read through everything and begun to implement the FRF Fat Loss for Firefighters program into your life and are getting great results (believe me, you will), please <u>email me</u> a testimonial regarding your satisfaction with this program and the progress you've made. I'm always very appreciative to hear about your success stories!

Train Like a Life Depends on It!

THE FRF FAT LOSS FOR FIREFIGHTERS WORKOUT

Disclaimer: See your physician before starting any exercise or nutrition program. You must have a complete physical examination if you are sedentary, if you have high cholesterol, high blood pressure, or diabetes, if you are overweight, or if you are over 40 years old. Please discuss all nutritional and activity changes with your physician or a registered dietician. It is very important to train conservatively and not overdo things.

<u>10 Tips to Successfully Complete the FRF Rapid Fat Loss Workout</u>

- 1. <u>Sedentary individuals</u> should complete the <u>Fire Rescue Fitness Foundation Program (click here</u> <u>for more information)</u> first.
- 2. Don't do any exercise that you aren't sure how to do. Always get personal instruction from a certified trainer and/or use the video examples and coaching sheets.
- Don't do anything that hurts or "doesn't feel right". There are plenty of alternative exercises for every movement, just refer to <u>www.FireRescueFitness.com</u> for options or <u>use the</u> <u>exercise substitution list at the end of this manual and available in the log sheets.</u>
- 4. Whenever you start a NEW program, use lighter weights and more rest on the first week. The FRF Rapid Fat Loss Workout was designed to use week 1 to get familiar with the new exercises and to *focus on form not weight*. Use the other weeks of the program to increase strength but remember form is always the most important element.
- 5. If you need extra recovery within the workout or between workouts, don't hesitate to take it. Safety first. Utilize the exercises from the Stretch and Recovery Manual (included as a bonus) whenever possible.
- 6. Follow the calendar of workouts for the 6 weeks. If you miss one workout, don't worry, just skip that day and continue following the program. If you miss two or more consecutive workouts, do not skip ahead but continue where you left off (the program will be extended a little longer than the 6 weeks). You can switch days and workouts around based on your work schedule and schedule. Make sure to rest a day between strength workouts.
- 7. Finish each workout with stretching and foam rolling (follow stretch and recovery manual that is included with your purchase).
- Never skip the active warm-up and prehab. You can substitute the active warm-up exercises with other ones but do not decrease the number of exercises or reps. If you are limited by time, reduce the number of sets in the workout, but always perform the full warm-up. <u>Never skip a warm-up/ prehab.</u>
- 9. If you have an injury (or nagging strain/sprain), get medical attention and have a professional therapist rehabilitate your injury before starting this or any exercise program.
- 10. Use a spotter if you are training with heavy weights.
- 11. (Bonus 11) If you decide to use running as your form of interval training, make sure you have good running shoes, always do an extra thorough warm-up, and choose a safe running surface (grass or trails rather than pavement/concrete). If you use a treadmill, please operate it safely.

Enjoy the journey, I look forward to hearing about your progress...

The Workouts

			Workou	ıt Schedule			
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week 1	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
	Workout 1	Cardio Interval Workout (stretch optional)	Workout 2	Cardio Interval Workout (stretch optional)	<u>300 Challenge</u> Workout	Run/ Walk 5K or Bike/ Climb 40 mins and stretch	OFF (Rest)
Week 2	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
	Workout 1	Cardio Interval Workout (stretch optional)	Workout 2	Cardio Interval Workout (stretch optional)	Progressive Body Weight workout	Run/ Walk 5K or Bike/ Climb 40 mins and stretch	OFF (Rest)
Week 3	Day 15	Day 16	Day 17	Day 18	Day 19	Day 20	Day 21
	Workout 1 + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	<u>Workout 2</u> + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	300 Challenge Workout + 5 mins of hell	Run/ Walk 5K or Bike/ Climb 40 mins and stretch	OFF (Rest)
Week 4	Day 22	Day 23	Day 24	Day 25	Day 26	Day 27	Day 28
	Workout 1 + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	<u>Workout 2</u> + 10-min Interval Overhaul	<u>Cardio Interval</u> <u>Workout</u> (stretch optional)	Progressive Body Weight workout	Run/ Walk 5K or Bike/ Climb 40 mins and stretch	OFF (Rest)
Week 5	Day 29	Day 30	Day 31	Day 32	Day 33	Day 34	Day 35
	Workout 1 + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	<u>Workout 2</u> + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	300 Challenge Workout + 5 mins of hell	Run/ Walk 5K or Bike/ Climb 40 mins and stretch	OFF (Rest)
Week 6	Day 36	Day 37	Day 38	Day 39	Day 40	Day 41	OFF (Rest)
	<u>Workout 1</u> + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	<u>Workout 2</u> + 10-min Interval Overhaul	Cardio Interval Workout (stretch optional)	Progressive Body Weight workout	Run/ Walk 5K or Bike/ Climb 40 mins and stretch	Order FRF Ultimate Fire Rescue Athlete



will be circu		es and the co			ur rest intervals. For this workout you 3 sets of each strength exercise,		
Muscle Groups	Exercise Name	Suggested Reps	Rest Between Sets	Suggested Sets	Notes/ Key Points		
Warm-ups (<u>Click Here for a video overview of the active warm-up</u>)							
	Start w	ith a 5-10 mi	inute jog, elli	iptical or bike	e session		
Hips, low back	Knees side to side	5-6 each	0	1 circuit	Perform the warm-up exercises in a		
Hamstrings, calves	Waiters bow	10x	0	1 circuit	circuit. You only need to perform		
Hips, legs	Spiderman's	5-6 each	0	1 circuit	them 1 time each, go right from one		
Chest, shoulders	Chest hugs	20	30 sec	1 circuit	exercise to the next.		
Co	ore Exercises (<mark>Click</mark>	K Here fo	r a videc	overvie	w of the core circuit		
Core	Ball Crunches (hold a weight)	12-20	0	2 circuits	Perform the core exercises in a circuit. Move from one exercise right		
Back, glutes	Hip Extension feet on Stability Ball	12-15	0	2 circuits	to the next with minimal rest. Rest for 30 seconds after the final exercise then repeat for a 2 nd circuit.		
Core	Prone planks (hold)	20-45 sec	0	2 circuits			
Shoulders, Low back	Opposite Arm/Leg raise on Ball	8-10 each side	30 sec	2 circuits			
Strengt	h Exercises (<mark>Click I</mark>	Here for	a video d	overview	of the Strength Exercises		
Muscle Groups	Exercise Name	Suggested Reps	Rest Between Sets	Suggested Sets	Notes/ Key Points		
Chest, shoulders	Incline DB Chest Press	10-12	30-45 sec	2 to 3	Perform each exercise with great form and posture. Perform 2 to 3 se following the rest suggested. Move		
Back	Smith Bar Body Rows	10-12	30-45 sec	2 to 3			
Total body	Squat with Press	10-12	30-45 sec	2 to 3	from one exercise to the next. (Once		
Back	Seated Cable Row	10-12	30-45 sec	2 to 3	you complete the suggested sets of the Incline DB chest press, follow th rest guideline and start the Smith B Body Rows). The "Your Choice Exercise" can be just that, your choice. If you want to work on your calves, choose the calf raise exercise if you would rather work on abs,		
Arms, hips	Captain Morgan Curls	6-8 each leg	30-45 sec	2 to 3			
Legs	Walking Lunges- hold weights	6-8 each leg	30-45 sec	2 to 3			
Triceps	<u>Triceps Cable</u> <u>Pushdowns</u>	10-12	30-45 sec	2 to 3			
	Your Choice Exercise	10-12	30-45 sec	2 to 3	choose your favorite abs exercise.		

After you complete the strength training portion, perform one of the <u>10-minute Interval Overhauls</u>.

FRF Fat Loss for Firefighters Workout #2

You made it to number 2. This second workout will introduce you to circuit strength training. You will perform one or two sets of each exercise, following the rest intervals. When finished with the one or two sets of each, you will then perform the last set of each in a circuit. Depending on your level of fitness, you may only do the first 2 sets per exercise. Then introduce the circuit during the 3rd or 4th week. These exercises are slightly different from Workout 1, be sure you understand the proper forms.

Muscle Groups	Exercise Name	Suggested Reps	Rest Between Sets	Suggested Sets	Notes/ Key Points		
Warm-ups (<u>Click Here for a video overview of the active warm-up</u>)							
Start with a 5-10 minute jog, elliptical or bike session							
Hips, low back	Knees side to side (feet up)	5-6 each	0	1 circuit	Perform the warm-up exercises in a		
Hamstrings, calves	Straight Leg Raises	5-6 each	0	1 circuit	circuit. You only need to perform them 1 set each go right from one		
Hips, legs	Hip Cross-overs	5-6 each	0	1 circuit			
Chest, shoulders	Step Back, Reach & Twist	5-6 each	30 sec	1 circuit	exercise to the next.		
Core Exercises (<u>Click Here for a video overview of the core circuit</u>)							
Core	Ball Squeeze Crunch	15-20	0	2 circuits	Perform the core exercises in a		
Low back, hamstrings	Bridges- feet on ball	12-20	0	2 circuits	circuit. Move from one exercise to		
Obliques, core	Oblique Twist (feet up knees up)	10-15 each side	0	2 circuits	the next with minimal rest. Rest for 30 seconds after the final exercise.		
Core,		15-30 sec	30 sec	2 circuits	then repeat for a 2 nd circuit.		
shoulders	Side Planks (hold)	10 00 300	00 300	2 circuits	them repeat for a 2 cheant.		
shoulders					of the Strength Exercises		
shoulders					·		
shoulders Strengt Muscle	th Exercises (<mark>Click</mark>	Here for Suggested	a video (Rest Between	OVERVIEW Suggested	of the Strength Exercises		
shoulders Strengt Muscle Groups	th Exercises (Click Exercise Name DB Alternate Arm	Here for Suggested Reps	a video Rest Between Sets	Suggested Sets 1-2 (Circuit	Notes/ Key Points Perform the first exercise for 1-2 sets and then move to the next. Complet		
shoulders Strengt Muscle Groups Chest Back, low	th Exercises (Click Exercise Name DB Alternate Arm Chest Press	Here for Suggested Reps 10-12	a video Rest Between Sets 30-45 sec	Suggested Sets 1-2 (Circuit set 3) 1-2 (Circuit	Notes/ Key Points Notes/ Key Points Perform the first exercise for 1-2 sets and then move to the next. Complet 1-2 sets of each exercise resting for 30-45 seconds then perform a 3 rd set		
shoulders Strengt Muscle Groups Chest Back, low back	th Exercises (Click Exercise Name DB Alternate Arm Chest Press One Arm DB Rows	Here for Suggested Reps 10-12 10-12 each	a video Rest Between Sets 30-45 sec 30-45 sec	Suggested Sets 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit	Notes/ Key Points Perform the first exercise for 1-2 sets and then move to the next. Complet 1-2 sets of each exercise resting for 30-45 seconds then perform a 3 rd set of each in a circuit (start with DB		
shoulders Strengt Muscle Groups Chest Back, low back Full body Shoulder	Exercises (Click Exercise Name DB Alternate Arm Chest Press One Arm DB Rows Goblet Squats Arm Raises V-scaption	Here for Suggested Reps 10-12 10-12 each 10-12	a video Rest Between Sets 30-45 sec 30-45 sec 30-45 sec	Suggested Sets 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit	Notes/ Key Points Perform the first exercise for 1-2 sets and then move to the next. Complet 1-2 sets of each exercise resting for 30-45 seconds then perform a 3 rd set of each in a circuit (start with DB Alternate Arm Chest Press, complete a set, then move to One Arm DB		
shoulders Strengt Muscle Groups Chest Back, low back Full body Shoulder girdle Back,	Exercises (Click Exercise Name DB Alternate Arm Chest Press One Arm DB Rows Goblet Squats Arm Raises V-scaption (thumbs up) Lat Pulldown -reverse	Suggested Reps 10-12 10-12 each 10-12	a video Rest Between Sets 30-45 sec 30-45 sec 30-45 sec 30-45 sec	Suggested Sets 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit	Notes/ Key Points Notes/ Key Points Perform the first exercise for 1-2 sets and then move to the next. Complet 1-2 sets of each exercise resting for 30-45 seconds then perform a 3 rd set of each in a circuit (start with DB Alternate Arm Chest Press, complete a set, then move to One Arm DB rows, then right to the next exercise) Remember form and posture are key		
shoulders Strengt Groups Chest Back, low back Full body Shoulder girdle Back, biceps	Exercises (Click Exercise Name DB Alternate Arm Chest Press One Arm DB Rows Goblet Squats Arm Raises V-scaption (thumbs up) Lat Pulldown -reverse Grip	Here for Suggested Reps 10-12 10-12 each 10-12 10-12 10-12 10-12 8-10 each	a video Rest Between Sets 30-45 sec 30-45 sec	Suggested Sets 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit set 3) 1-2 (Circuit	of the Strength Exercises Notes/ Key Points Perform the first exercise for 1-2 sets and then move to the next. Complet 1-2 sets of each exercise resting for 30-45 seconds then perform a 3 rd set of each in a circuit (start with DB Alternate Arm Chest Press, complete		

FRF 300 Rep Bodyweight Challenge Workout

Great Challenge workout for you and the crew to do together, this workout requires minimal weight and maximal effort. The goal of the workout is to finish in the shortest amount of time possible, not by rushing your reps but by not resting. All you need for this challenge workout is a suspension system to do pull ups. If you don't have one, you can easily make one with a little webbing or do pull-ups or body rows instead. The object of the workout is to complete 50 reps of each exercise (300 total) as quickly as possible, you must finish all of the reps of each exercise before progressing to the next. There is a catch of course, each rep has to be performed in a controlled manner and *bad reps don't count*. Safety first, form is your biggest focus.

Muscle Groups	Exercise Name	Suggested Reps	Rest Between Sets	Suggested Sets	Notes/ Key Points			
Warm-ups								
Start with this warm-up below. Do NOT skip the warm-up								
Hips, low back	Chops	10x	0	2 circuits	Perform the warm-up exercises in a			
Hamstrings, calves	Inch worms	10x	0	2 circuits	circuit. You only need to perform them			
Hips, legs	Spidermans 5 ea le		0	2 circuits	2x each, go right from one exercise to			
Chest, shoulders	Quad Rotations	5 each side	30 sec	2 circuits	the next. If you prefer to time the warm- up perform 35 seconds on and 10 seconds rest.			
Any Foam Roll (trouble spots) 10x/ spot Perform after the 2 warm-up circuits.								
	Challenge Exercises							
Weight	Exercise Name	Suggested Reps	Rest Between Sets	Suggested Sets	Notes/ Key Points			
BW	N Suspension Rows 50				Complete 50 (or 25 if marked) reps of			
BW					each exercise in a minimal amount of			
BW	Prisoner Squats	50	minimal		time. Try to improve your overall time			
BW	each workout. You have to finish all 50 reps of each exercise before you							
BW	BW V-ups 50				progress to the next. All reps must have			
BW	Marching Planks	25 each leg (50)	minimal		good form.			
Remember to record your total time from workout to workout:								
Workout Trial #1 (total time): Date of Workout:								
Workout Trial #2 (total time): Date of Workout:								
Workout Trial #3 (total time): Date of Workout:								
After you complete the 300 Reps (don't forget to record your time) perform this 5-minute interval challenge. The 5 Minutes of Hell Interval Challenge								
	This really challenges your body's ability to recover while continuing to work at a high intensity, just like it is on the fire ground. All you need for this interval workout is a wall and a timer. You can check out a video							

the fire ground. All you need for this interval workout is a wall and a timer. You can check out a video overview of the 5 minutes of hell (click here) and/or follow these instructions: Set the interval timer for 10, 30 second intervals (no rest). You will move from one exercise to the next without rest.....just keep moving. The five exercises for the interval are mountain climbers, burpees, side to side lunges, running and the plank. Start the interval timer and perform the first exercise (mountain climbers)as fast as you can for 30 seconds. After the first 30 seconds, switch to burpees for the next 30 seconds; continue to switch exercises every 30 seconds. After you perform the wall sit (or plank) repeat a second time. You do not get to rest between exercises; just go from one to the next every 30 seconds until the 5 minutes is up.

PROGRESSIVE BODY WEIGHT WORKOUT

Use the same Active Warm-up as the 300 Rep Bodyweight Challenge Workout, perform 2 circuits then move on to the rest of the workout. <u>Click here to see a video overview of the workout</u>

- 5 Burpees
- 10 Pull ups/ Body Rows
- 15 Push-ups
- 20 Prisoner Squats
- 25 Bikers (25 each)
- 30 Plank (hold 30 seconds)
- + Run Stairs or Sprint 100- 200 meters, run 400 or bike 1 mile
 - **Rest 1 minute (or don't) and <u>repeat 3 to 4 more times</u> (for a total of 4 or 5)- record the total time it takes to finish 5 rounds and try to improve next workout.**



10-minute Interval Overhauls

These are to be performed after your strength training workouts.

Interval Overhaul Option #1

Incline Treadmill- This is a great overall Interval Overhaul, it may not have a fire ground skill but can help you become efficient climbing. (If you really want to challenge yourself you can try to perform this with a weighted vest or SCBA). I start the treadmill, and walk for 2 minutes to get my body ready for the motion, then I set the pace to about 4.0 mph, and the incline to 6.0 incline. This is my starting point, which I'll increase the incline level as the workout goes on. I mix in 30 second rest periods where I step off the sides of the treadmill during this workout, in order to make the intensity levels more varied and higher intensity during the work intervals.

Here's how I do this:

- First 1 minute (after 2 min warm-up): speed 4.0, incline 6.0
- 30 second rest (I step off side while letting treadmill keep running at same speed and incline)
- Next minute: speed 4.0, incline 7.0
- 30 second rest (step off side while letting treadmill keep running)
- Next minute: speed 4.0, incline 8.0
- 30 second rest (step off side while letting treadmill keep running)
- Next 1 minute: speed 4.0, incline 9.0
- 30 second rest (step off side while letting treadmill keep running)
- Next 1 minute: speed 4.0, incline 10.0
- Last minute bring treadmill back to 3.5 mph and 0 incline Total of 10 minutes....and a lot of sweat.

Progression: on the next time I do this workout, I'll try to increase the incline level a bit more on each interval. Each time I try this, I'll include some sort of progression by doing a higher incline or slightly higher speed.

Interval Overhaul Option #2

<u>Sledge o' matic</u>- For this finisher you need a sledge (the heavier, the harder), an old tire and an interval timer set to 30 seconds of work and 30 seconds of rest for 10 intervals (10 minutes total time).

Take the sledge and slam the tire for 30 seconds, then rest for 30 seconds. For the next interval, grab two saws or heavy dumbbells; walk (with a purpose) for 30 seconds, after the 30 seconds is up, place the weights down and actively rest for 30 seconds. Repeat each interval 4 more times. Use different swing positions with the sledge and slam interval (right side, left side, overhead).

Interval Overhaul Option #3

Option #3

Stairs (can also be used with a Stairmaster set to a challenging pace)

This is a challenging "finisher" that works your climbing skills and throws in a little upper body core work as rest.

Find a set of stairs and an interval timer set to 30 (or 45 for more challenge) seconds of work and 30



(or 15 for more challenge) seconds of rest for 10 intervals (10 minutes total time). For the first 30 (or 45) seconds run as many stairs as possible, then hit the floor and hold a push up position for the next 30 seconds (really focus on brining your heart rate down during this active rest). Repeat this 9 more times. If you really want a challenge, try this finisher in full turnout gear. Enjoy!

Firehouse Overhaul Option

For this finisher you need a sledge (the heavier, the harder), an old tire, some old fire hose, steps (or something to step-up on) and an interval timer set to 30 seconds of work and 30 seconds of rest for 10 intervals (10 minutes total time).

You should set-up 5 different stations (which you will repeat 2x each). You can do them in any order: sledges on the tire (overhead and side), run steps (you can carry equipment

or weights to make it more challenging), crawls (like you are searching for a victim), battling hose-lines (see picture), and a core exercise (we like to add a plank).

You can add any fire ground exercises you wish like raising a ladder, dragging a victim, hose-line drag...be creative.



	Ca	ardio In	terval	Workouts				
These are to be performed in-between your strength training workouts.								
Beginning Interval								
Total time	Interval Description	Hr Range	R.P.E.	Notes/ Key Points				
10	Warm-up	60%-70%	4-5					
10 mins	Intervals: 5x (60 seconds on with 60 seconds active rest)	70%-80%	8	If your just starting out and the 1 minute intervals are too difficult at first, drop the high intensity time to 30 seconds and gradually try to work up to 1				
10	Cool Down (active recovery)	60%-70%	4-5	minute.				
	Intermediate Interval							
Total time	Interval Description	Hr Range	R.P.E.	Notes/ Key Points				
10	Warm-up	60%-70%	4-5					
10 mins (up to 20)	Intervals: 5x (90 seconds on with 30 seconds active rest)	70%-80%	8-9	Increase by one interval each time you perform the workout. Work up to 10 (2-minute) intervals				
10	Cool Down (active recovery)	60%-70%	4-5					
Advanced Interval								
Total time	Interval Description	Hr Range	R.P.E.	Notes/ Key Points				
10	Warm-up	60%-70%	4-5					
15 mins	Intervals: 5 x (2 minutes on with 1 minute active rest)	80%-90%	9	Once you're at this level try to focus on going faster and harder during the high intensity portion of the interval. To really challenge yourself you				
10	Cool Down (active recovery)	60%-70%	4-5	may try to add an SCBA or weighted vest.				

On-shift Crew workout

These exercises can be anything you want (fire ground related). Here are some examples:

- 1. Aerodyne (if you don't have an aerodyne you can use row machine or battling hose lines)
- 2. Weighted Jump Rope
- 3. Stair Crawling (bear crawl up the stairs then run back down)
- 4. Sledges on a tire (overhead and side sledges)
- 5. Core Exercise (plank, bird-dog)
- 6. Mountain Climbers (or burpees)

Perform this circuit 4x for a total of 24 minutes. Feel free to interchange the

circuits with your favorite active warm-up or fire ground exercises (please let me know if you do).



Intervals are not complicated (and shouldn't be) as you can see from above. Once you've been doing it for a while you'll get a good sense of how hard you need to be working and you'll quickly see the results of your effort. I included heart rate percentages and R.P.E (rate of perceived exertion) levels to help guide you. But don't get all worked up if you don't meet a certain percentage or effort level...when in doubt just "go hard."

The Exercises (Coaching sheets)

Arranged by category. Warm-up exercises, Core Exercises, then Strength Exercises



Chest Hugs

Muscles worked:

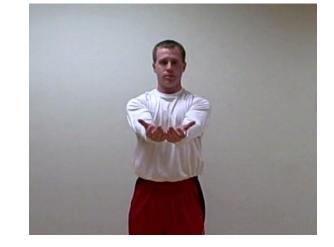
• Great exercise to warm-up the chest and shoulders

Preparation :

- Stand up straight, feet hip width apart
- Straighten you arms in front of you, chest high with your thumbs out

Movement:

- Draw the belly button inward toward your spine and squeeze your glutes
- Maintaining the proper postural alignment (head back, shoulders down) squeeze your shoulder blades together and bring your hands back as far as possible and pause
- Do not let your back arch at any time during this exercise





Finish:

- Bring your hands back together, pause and then repeat
- Make sure to keep your shoulder and head in proper alignment
- This is a warm-up movement and can be prepared at a little faster tempo

Click here to see this exercise in action



Coaching Tips: Stand up straight with your feet hip width apart. Draw your abs tight, squeeze the glutes and your shoulder blades together. At the same time pull your arms back as far as they can, pause and return to the starting position. Keep your thumbs pointed back through the whole motion. Repeat as directed.

Hip Cross-overs

Muscles worked:

• This movement provides increased rotation range of motion in the lumbar spine, pelvis, and hips

Preparation :

• Lie on your back with feet pointed up and palms facing the ceiling

Movement :

- It is important to contract and tighten the abs before performing any movement
- Start the movement by kicking one straight leg towards the opposite hand (as shown)
- The movement should be fluid and SLOW, and rotation should occur through the entire hip and low back area
- Make sure the head and shoulders stay on the ground
- Do not force the movement, let your leg swing as far as it comfortably can, pause for a couple of seconds and return to the starting position
- Repeat on the other side









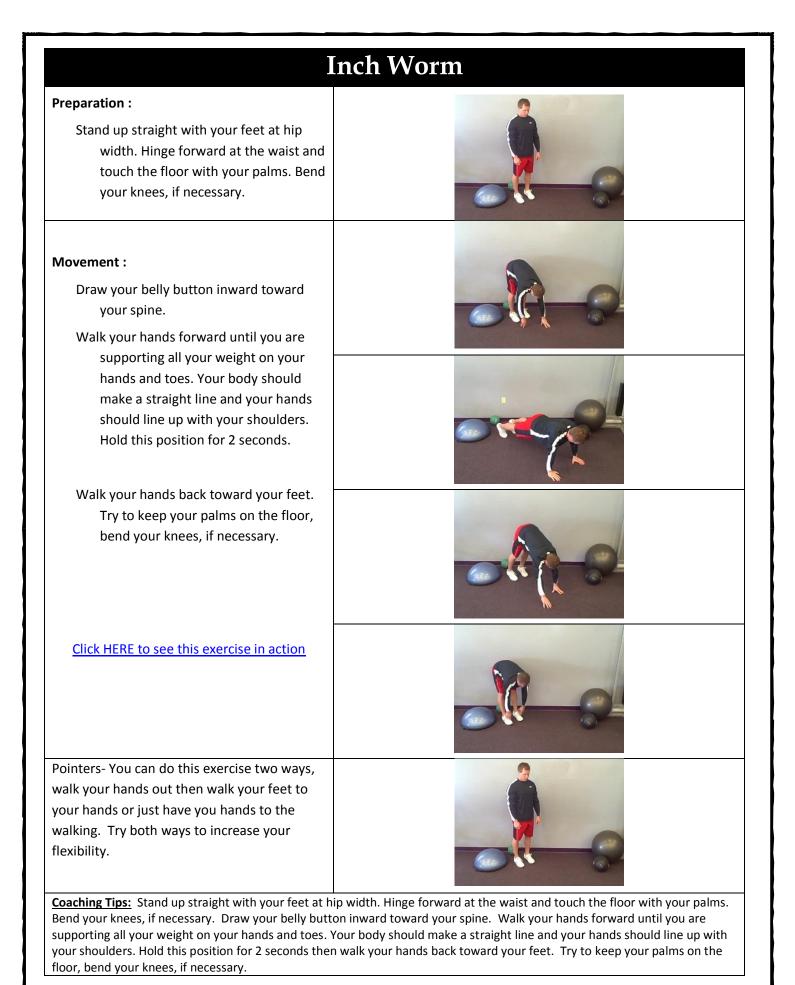


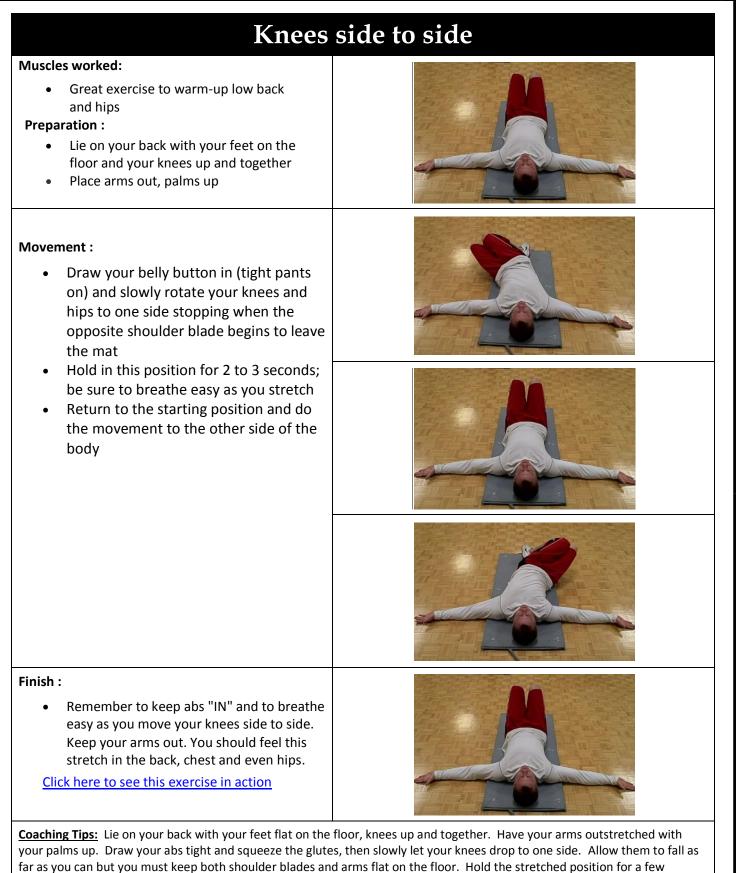
Finish :

- Remember to keep good posture, do not let your head or shoulders lift from the ground
- Keep a slow and steady pace, ease into the movement

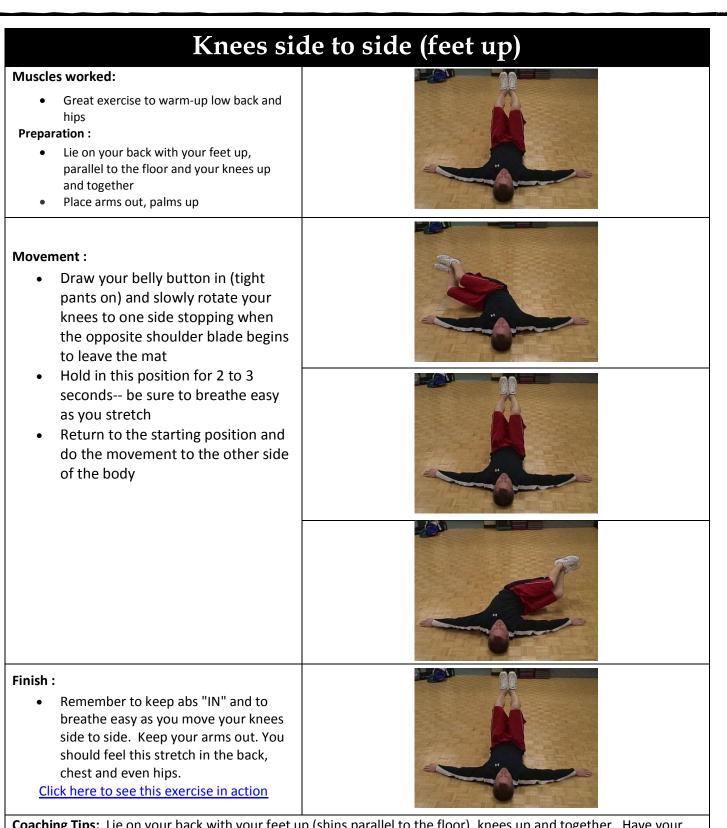
Click here to see this exercise in action

Coaching Tips: Lay flat on your back with your palms and toes pointed toward the ceiling. Be sure to tighten the abs and glutes. Start the movement by slowly straightening one leg and swinging across your body toward the opposite hand. Ease into the stretch and pause for 2-4 seconds, then return to the starting position. Repeat on the other side. Keep your shoulders and head flat on the floor for the entire motion. Repeat as directed.





far as you can but you must keep both shoulder blades and arms flat on the floor. Hold the stretched position for a few seconds and return knees to the starting position. Keep the abs and glutes tight and let the knees drop to the opposite side. Do not force or bounce into the stretch, ease into it. Repeat as directed.



Coaching Tips: Lie on your back with your feet up (shins parallel to the floor), knees up and together. Have your arms outstretched with your palms up. Draw your abs tight and squeeze the glutes, then slowly let your knees drop to one side. Allow them to fall as far as you can but you must keep both shoulder blades and arms flat on the floor. Hold the stretched position for a few seconds and return knees to the starting position. Keep the abs and glutes tight and let the knees drop to the opposite side. Do not force or bounce into the stretch, ease into it. Repeat as directed.

Spidermans

Muscles worked:

• This movement improves flexibility in your hips, hamstrings, lower back, torso, groin, hip flexors and quads

Preparation :

• Start in a push-up position

Movement :

- It is important to contract and tighten the abs before performing this movement
- Start the movement by taking one large step forward with your, aiming for the outside of your hand (as shown)
- Make sure the head and shoulders stay straight
- Do not force the movement, let your leg swing as far as it comfortably can, pause for a couple of seconds and return to the starting position
- Repeat on the other side
- You should alternate between sides









Finish :

- Remember to keep good posture, do not let your head jut forward
- Ease into the movement <u>Click here to see this exercise in action</u>



Coaching Tips: Start in a push-up position. It is important to contract and tighten the abs before performing this movement. Start the movement by taking one large step forward with your foot, aiming for the outside of your hand. Make sure the head and shoulders stay straight and be sure to not force the movement, let your leg swing as far as it comfortably can, pause for a couple of seconds and return to the starting position. Repeat on the other side. You should alternate between sides.

Step Back Reach and Twist

Muscles worked:

• This movement provides increased rotation range of motion in the lumbar spine, pelvis, and hips

Preparation :

• Stand up straight, head up and feet pointing straight ahead

Movement :

- Contract the abs to protect the spine
- Step back with one foot, bend the front knee to get extra range of motion
- Raise the same arm as the leg that stepped back
- Twist and reach arm towards the opposite shoulder of the leg that stepped back
- Let your head look over the same shoulder you are reaching towards.
- Bring your arm down, step forward and return to the starting position
- Repeat on the other side









Finish :

- Remember to keep good posture, be sure to keep abs tight
- Repeat the same reps on each side

Click here to see this exercise in action

Coaching Tips: Stand up straight with your head looking straight forward. Slowly step back with one leg, reaching towards the ceiling with the arm on the same side. Keep your stepped back position slowly twist towards the opposite shoulder. Hold for 2-3 seconds then slowly return to the starting position. Make sure your abs are tight through the entire motion. Repeat the other side

Straight Leg Raises

Muscles worked:

• This movement provides increased range of motion in the hamstrings and calves

Preparation :

• Lie on your back with feet pointed up and palms facing the ceiling





Movement :

- It is important to contract and tighten the abs before performing any movement
- Start the movement by bringing one straight leg towards the ceiling (as shown)
- The movement should be fluid and SLOW
- Make sure the head and shoulders stay on the ground
- Do not force the movement, let your leg raise as far as it comfortably can
- Flex your foot to point your toe towards your nose and pause for a couple of seconds
- Slowly return to the starting position
- Repeat on the other side

Finish :

- Remember to keep good posture, do not let your head or shoulders lift from the ground
- Keep a slow and steady pace, ease into the movement

Click here to see this exercise in action

Coaching Tips: Lay flat on your back with your palms and toes pointed toward the ceiling. Be sure to tighten the abs and glutes. Start the movement by slowly straightening one leg and lifting towards the ceiling. Ease into the stretch, flex your foot so your toes point towards your nose, pause for 2-4 seconds, then return to the starting position. Repeat on the other side. Keep your shoulders and head flat on the floor for the entire motion. Repeat as directed.

Waiters Bow

Preparation :

Starting position is standing upright, chest up and out, shoulders back and down, with the back of one hand pressing gently against your lower spine.



Movement :

- Draw your belly button inward toward your spine.
- Keep your chest up and out all the time, and tilt forwards from the hips while raising the rotating one arm. Keep your shoulder blade down and traps relaxed.



Finish :

- Keep tilting until your feel your hamstrings tighten. Stop at this point for a few seconds, then straighten your hips and stand upright again returning your arm to the starting position.
- Remember to switch arms and do the same number of reps each side.

Click Here to Watch this Exercise in Action



Draw your belly button inward toward your spine. Keep your chest up and out all the time, and tilt forwards from the hips while raising the rotating one arm. Keep your shoulder blade down and traps relaxed. Keep tilting forward until your feel your hamstrings tighten. Stop at this point for a few seconds, then straighten your hips and stand upright again returning your arm to the starting position. Remember to switch arms and do the same number of reps each side.

Ball Crunch (with weight)

Muscles worked:

• Great exercise for the entire abdominal musculature

Preparation :

- Grab a single dumbbell and sit on the ball
- Slowly roll down the ball until the ball is in the small of the back
- Hold the dumbbell with both hands with outstretched arms just below chin level

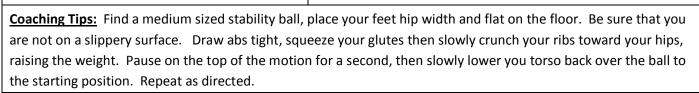
Movement:

- Draw the belly button in towards the spine
- Squeeze the glutes prior to any motion
- Contract the abdominals while curling the upper torso towards the hips
- Pause on top of the motion
- Slowly release and return to the starting position
- Make sure to keep your shoulder relaxed and down

Finish:

- Return to the starting position for a moment, and then repeat
- Maintain a slow, controlled pace







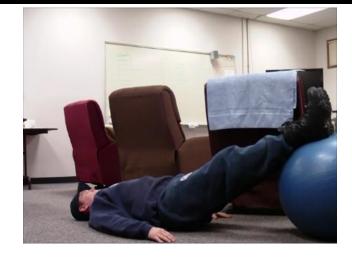


Hip Extension (feet of ball)

Preparation :

Lie face up on the floor, arms out to the sides,

Place lower legs on a stability ball.



Movement:

Brace the spine by drawing your abdomen inward

Squeeze glutes and push your hips up until your body forms a straight line from shoulders to knees

Pause in this position, it is important not to let your back arch at any time during the movement

Slowly lower your hips back down to touch the floor (briefly)



Finish:

Pause for a moment at the top of the movement then slowly return to the starting position—

Pause at the bottom briefly, and then repeat Maintain a slow, controlled pace

Click here to see this exercise in action



Coaching Tips: Lie face up on the floor, arms out to the sides, lower legs on a stability ball. Draw your abs tight, squeeze your glutes and push your hips up until your body forms a straight line from shoulders to knees. Pause for a moment at the top of the motion and slowly return to the starting position. Be sure to go slow with the motion and do not arch your back. Repeat as directed.

Bridge-Feet on Ball

Muscles worked:

 Great exercise for working the hamstrings, glutes, low back and core

Preparation :

- Lie on your back on the floor and place both feet on the ball
- Have arms straight out with palms facing down

Movement:

- Start by drawing-in the core and raising the hips up
- Maintain this position keeping the core/glutes activated and also the feet together
- Push through your feet to raise your hips off the floor-- Pause for a second at the top of the motion

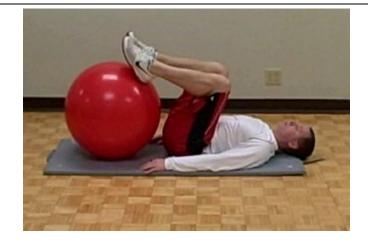




Finish:

- Return to the starting position for a moment, and then repeat
- You may use your arms to help with maintaining balance

Click here to see this exercise in action



<u>Coaching Tips:</u> Find a medium sized stability ball, place your feet on very top and middle of the ball. Draw abs tight, squeeze your glutes then slowly apply pressure into the ball to raise your hips (legs should stay bent). Use your hands to help with balance as you move your hips up. Push your hips high, pausing for 2 seconds at the top of the motion, then return to the starting position. Repeat as directed.

Crunch (feet down ball squeeze)

Muscles worked:

• Core stabilization and strength along with inner thighs

Preparation :

- Lay flat on floor with legs bent and feet flat on the floor-- Place a small ball (soccer, volley, medicine ball) between the knees and squeeze to hold it in place
- Place hands under neck to support the head

Movement:

- Activate core and glutes by drawing in navel towards the spine and squeezing the glutes
- Lift shoulders clear of the floor or until the lower abdominals are felt working, focusing on the ceiling
- Pause momentarily and slowly return to the starting position
- Make sure that neck is fully supported throughout exercise
- Be sure to squeeze knees together through entire motion

Finish:

- Pause for a moment at the top of the motion and then repeat
- Only lift as far as you feel comfortable, don't strain
- Quality is far more important than quantity, so once form has diminished discontinue the exercise

Click here to see this exercise in action







Coaching Tips: Lie flat on your back, knees up and feet flat on the floor. Place a small squeezable ball (soccer, valley or medicine ball) between your knees. Squeeze your knees to keep the ball in the proper position. Draw your abs in and squeeze your glutes then slowly raise your shoulders off the floor. Your head should be supported, not pulled by your hands for the entire motion. Pause for a moment at the top of the motion and return to the starting position. Repeat as directed.

Crunch (feet up ball squeeze)

Muscles worked:

• Core stabilization and strength along with inner thighs

Preparation :

- Lay flat on floor with legs bent raised perpendicular to the floor
- Place a small ball (soccer, volley, medicine ball) between the knees and squeeze to hold it in place
- Place hands under neck to support the head

Movement:

- Activate core and glutes by drawing in navel towards the spine and squeezing the glutes
- Lift shoulders clear of the floor or until the lower abdominals are felt working, focusing on the ceiling
- Pause momentarily and slowly return to the starting position
- Make sure that neck is fully supported throughout exercise
- Be sure to squeeze knees together through entire motion

Finish:

- Pause for a moment at the top of the motion and then repeat
- Only lift as far as you feel comfortable, don't strain
- Quality is far more important than quantity, so once form has diminished discontinue the exercise

Click here to see this exercise in action







Coaching Tips: Lie flat on your back; lift your feet and knees off the floor. Place a small squeezable ball (soccer, valley or medicine ball) between your knees. Squeeze your knees to keep the ball in the proper position. Draw your abs in and squeeze your glutes then slowly raise your shoulders off the floor. Your head should be supported, not pulled by your hands for the entire motion. Pause for a moment at the top of the motion and return to the starting position. Repeat as directed.

Hanging Leg Raises

Muscles worked:

• Great exercise to the core stabilizers, hip flexors and grip strength

Preparation :

- Grip a bar, palms forward or backward and let your feet slightly hang from the ground
- Keep your head back and body straight

Movement:

- Beginners can bend the knees (as shown) for more of a challenge keep the legs straight
- Draw your belly button towards your spine to tighten the abs and squeeze the glutes
- Slowly curl your lower body up towards your chest
- Lift as high as you can, pause for a moment and slowly lower the legs to the starting position

Finish:

- It is important NOT to let your back arch at any time during the movement
- Keep the movement slow and controlled to insure you don't swing

Click here to see this exercise in action







Coaching Tips: Grasp an overhead bar with palms forward or back (whichever is more comfortable). Let your feel hang from floor, tighten your abs and glutes, then slowly curl your upper body toward your chest. Bring your legs as high as possible, pause and slowly lower legs back to the starting position. Maintain control of the motion to insure you don't swing. Repeat as directed.

Oblique twist (feet up)

Muscles worked:

• Core stabilization and oblique strength

Preparation :

- Lay flat on floor with legs bent and raised perpendicular to the floor
- Knee should be hip width apart

Movement :

- Place hands under neck to support the head
- Activate core and glutes by drawing in navel towards the spine and squeezing the glutes
- Lift one shoulders clear of the floor towards the opposite knee
- Pause momentarily and slowly return to the starting position
- Make sure that neck is fully supported throughout exercise
- Repeat the motion to the opposite side









Finish :

- Only lift as far as you feel comfortable, don't strain
- Quality is far more important than quantity, so once form has diminished discontinue the exercise

Click here to see this exercise in action



<u>Coaching Tips</u> Lay flat on floor with legs bent and raised perpendicular to the floor. Keep your knees hip width apart. Draw your abs in and squeeze your glutes, then slowly raise your shoulder off the floor towards the opposite knee. Your head should be supported, not pulled by your hands for the entire motion. Pause for a moment at the top of the motion and return to the starting position. Repeat the motion to the other side. Perform reps as directed

Opposite Arm- Leg Raises (over ball)

Muscles worked:

• Great exercise work the glutes, hips, upper back and shoulders

Preparation :

• Lie on your stomach over a medium sized stability ball with your belly button over the center of the ball

Movement :

- Draw your belly button in (tight pants on) and slowly raise one leg straight toward the ceiling while extending your back and the opposite arm
- Hold in this position for 2 seconds, then slowly return to the starting position
- Repeat the movement to the other side of the body









Finish :

- Remember to keep abs "IN" and to breathe easy as you move
- Keep your head straight, don't let it drop down

Click here to see this exercise in action

Coaching Tips: Lie on your stomach over a medium sized stability ball. Have both your hands and feet in contact with the floor. Draw the abs tight and slowly raise one leg toward the ceiling. Make sure the leg is straight. At the same time lift the opposite arm with the thumb pointed to the ceiling. Pause on the top part of the motion and slowly return to the starting position. Repeat on the opposite side. Make sure your head stays in the proper straight alignment and does not drop. Go slowly to maintain control and balance. Repeat as directed.

Prone Plank (hold on stability ball)

Muscles worked:

• Core stabilization and strength

Preparation :

 Assume a prone position with elbows bent and closed fists positioned under your shoulders and on the middle of a medium sized stability ball

Movement:

- Draw your abdomen inward toward your spine
- For optimal postural alignment tighten buttocks and lift body up onto forearms.
- While maintaining the abdominal draw-in contraction, hold optimal alignment for directed amount of time
- Your spine should be in a neutral position from head to toe and your abs and glutes should remain tight
- Keep chin tucked in





Finish:

- Form is more important than how long or how much
- You may want to widen your feet to gain more stability

Click here to see this exercise in action



Coaching Tips: Lie on the floor with elbows/ forearms under your shoulders and on top of a medium sized stability ball. Tighten your abs and glutes then lift your body off the floor, your toes and forearms should be holding you up. Keep abs tight and head in proper alignment. You may need to widen your feet to gain more stability and balance. This exercise requires you to hold the position or the directed amount of time. Hold as directed.

Prone Plank (hold)

Muscles worked:

• Core stabilization and strength

Preparation :

 Assume a prone position with elbows bent and closed fists positioned under your shoulders



Movement:

- Draw your abdomen inward toward your spine
- For optimal postural alignment tighten buttocks and lift body up onto forearms
- While maintaining the abdominal draw-in contraction, hold optimal alignment for directed amount of time
- Your spine should be in a neutral position from head to toe and your abs and glutes should remain tight
- Keep chin tucked in



Finish:

• Form is more important than how long or how much

Click here to see this exercise in action



Coaching Tips: Lie on the floor with elbows/ forearms under your shoulders. Tighten your abs and glutes then lift your body off the floor, your toes and forearms should be holding you up. Keep abs tight and head in proper alignment. This exercise requires you to hold the position or the directed amount of time. Hold as directed.

Side Plank (hold)

Muscles worked:

 This exercise is great for shoulder strength, core stabilization and strength

Preparation :

- Lie on your side with legs straight
- Place right elbow directly under the right shoulder for support

Movement:

- Draw your abdomen inward toward your spine
- For optimal postural alignment tighten buttocks and lift body up onto forearms
- While maintaining the abdominal draw-in contraction, hold your hips up for a directed amount of time
- Your spine should be in a neutral position from head to toe and your abs and glutes should remain tight
- Keep chin tucked in

Finish:

• Form is more important than how long or how much

Click here to see this exercise in action







Coaching Tips: Lie on your side with your elbow under your shoulder. Tighten your abs and glutes then lift your hips off the floor, your feet and forearms should be holding you up. Keep abs tight and head in proper alignment. This exercise requires you to hold the position or the directed amount of time. Hold as directed then repeat on other side.

Arm Raises V-scaption (thumbs up)

Muscles worked:

 Great exercise to work upper back muscles, core, scapula control and strength

Preparation :

 Begin standing on both legs in good postural alignment, with weight in hands

Movement:

- Draw your navel towards your spine and squeeze your glutes for spinal stabilization
- Raise your arms keeping thumbs pointed up at the ceiling
- Do not allow your head to "jut" forward as you raise the dumbbells
- Maintain good posture and control the weights throughout the entire movement

Finish:

 Return to the starting position for a moment (do not lean forward or back to use momentum) then repeat

Click here to see this exercise in action







Coaching Tips: Take dumbbells that you can easily control. Stand with good posture; engage core and glutes while slowly raising the weights with your thumbs pointed to the ceiling. Bring your hands to eye level then slowly return to the start position. Repeat as directed.

Bent-over Row (2 arm DB)

Muscles worked:

• Great exercise to work strength in back, legs and core

Preparation :

- Grasp a dumbbell in each hand
- Assume a 60-45 degree bent-over position (commonly known as a functional stance- feet hip width apart, head straight and shoulders back)

Movement:

- From the start position, draw your belly button inward toward your spine
- Maintaining optimal posture, pull the dumbbells toward your sides
- Focus on generating movement from your core instead of just pulling with your arms
- Pull the dumbbells to your sides, pause and return to starting position
- Maintaining good posture is the key to this exercise





Finish:

- Return to the starting position for a moment, and then repeat-- Maintain a slow, controlled pace
- Make sure to keep your shoulder blades down and back and your head straight extend your arms all the way straight on the return movement





<u>Coaching Ques</u>: Select the appropriate weight. Grab a dumbbell in each hand, draw your abdominal muscles tight and bend forward to 45-60 degrees at the waist. Let your arms straighten towards the floor but still maintain good bent over posture and position. Keep the abs tight, head up and pull your hands towards your sides. You want to bring the dumbbells all the way to your sides, pause then slowly lower them to the starting position. Be sure to keep your glutes and abs tight and shoulders down throughout the motion. Repeat as directed.

Body Row

Muscles worked:

 Integrated total body training with an emphasis on back and core – for strength and improved function in the pulling motion

Preparation :

- Lie under bar so that the bar is at mid-chest level
- Hang from the bar with your hips off the floor and your legs straight
- Choose appropriate grip (under or overhand)

Movement:

- Perform row and lift body towards the bar
- The bar should meet the mid-chest
- Focus on pulling the body toward the bar; do not let your legs push you up
- AVOID Shrugging your shoulders before pulling yourself up, it should be a smooth action through
- Pause for a second at the top of the motion and then return to the starting position

Finish:

- Return to the starting position for a moment, and then repeat-- Maintain a slow, controlled pace
- Make sure to keep your shoulder blades down and back and your head straight extend your arms all the way straight on the return movement

Click here to see this exercise in action







Coaching Tips: Adjust the bar to mid-thigh height. Grab the smith bar (be sure the bar is locked in place). Draw your abdominal muscles tight and squeeze the glutes. Pull your chest up towards the bar keeping your traps as relaxed as possible. Keep the abs tight, head up as you pull. Don't let your legs push you up, pull yourself, pause at the top of the motion, then slowly lower back to the starting position. Be sure to keep your glutes and abs tight and shoulders down throughout the motion. Repeat as directed.

Body Row (knees bent)

Muscles worked:

 Integrated total body training with an emphasis on back and core – for strength and improved function in the pulling motion

Preparation :

- Lie under bar so that the bar is at mid-chest level
- For beginners have your knees bent and feet flat on the floor
- Choose appropriate grip (under or overhand)

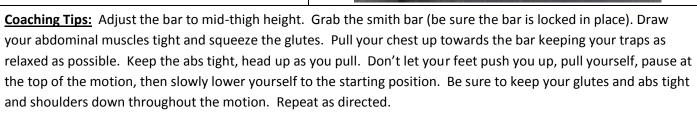
Movement:

- Perform row and lift body towards the bar
- The bar should meet the mid-chest.
- Focus on pulling the body toward the bar; do not let your feet push you up
- AVOID Shrugging your shoulders before pulling yourself up, it should be a smooth action through
- Pause for a second at the top of the motion and then return to the starting position

Finish:

- Return to the starting position for a moment, and then repeat-- Maintain a slow, controlled pace
- Make sure to keep your shoulder blades down and back and your head straight extend your arms all the way straight on the return movement

Click here to see this exercise in action









Captain Morgan Curls

Muscles worked:

• Great exercise for the biceps (short head), forearms, glutes, hips and core

Preparation :

- In a standing position, hold dumbbells at your side with your palms forward (thumbs out) and place one leg on a stable object at mid thigh height
- Shift your weight forward onto your front leg, taking your back leg into a stretch

Movement:

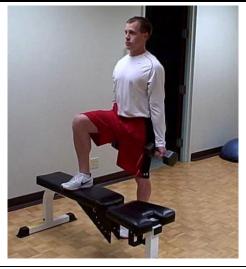
- Draw your abs tight and squeeze the glutes
- Perform a bicep curl by flexing the elbow while keeping the palms so that they face forward (thumbs out) at chest level
- Keep shoulder blades in neutral throughout the exercise. Pause on the top of the movement
- Slowly lower the dumbbells back to the side of the body by extending the elbows straight

Finish:

- Pause at the bottom briefly, and then repeat
- Maintain a slow, controlled pace
- Make sure to keep your shoulder and head in proper alignment-- do not use momentum to assist you-- let your arms do the work and your lower body the stabilizing

Click here to see this exercise in action

Coaching Tips: Stand with dumbbells in your hands, palms facing forward (thumbs out). Place one leg up on a bench and slightly lean forward. Be sure to engage the core and squeeze the glutes, and then slowly pivot at the elbows and raise the dumbbells to your chest. Keep your palms facing forward and your shoulder blades down. Maintain a slow and controlled pace. Repeat with other leg up as directed.







Chest Press (Alternate Arm Feet Down)

Muscles worked:

• Great exercise for the core, chest, shoulders and triceps

Preparation :

 Lie on your back on the bench with your feet flat on floor or the bench, have dumbbells straight out over your chest

Movement :

- Draw your belly button inward toward your spine
- Keeping one arm straight, lower the other dumbbell to touch the outside of your chest, then push it back up
- Be sure to go slowly and keep the opposite arm straight in position throughout the motion
- Repeat the movement with the other arm
- Again, make sure to stabilize your extended arm and move the active dumbbell through a full range of motion
- Repeat as directed











- Return to the starting position after each arm completes a movement
- Keep a slow and steady pace

Click here to see this exercise in action

Coaching Tips: Lie on your back with your feet flat on the floor or bench (whichever you feel more comfortable with) Dumbbells should be straight our over your chest. Slowly lower one dumbbell to the outside of your chest while keeping the opposite arm straight and stabile. Slowly bring the first dumbbell back to the starting position and repeat on the other side. It is very important to maintain a slow pace. Be sure to pause at the top of the motion to stay in control. Repeat as directed.

DB 9's

Muscles worked:

• Great exercise to get blood to the arms and work biceps

Preparation :

- Grab dumbbells and rest at your sides
- Activate core and glutes by drawing in navel towards the spine and squeezing the glutes

Movement:

- Flex the elbow (one arm) to bring the dumbbell toward your shoulder
- Pause momentarily and slowly return to the starting position
- Perform 3 repetitions all on one arm, then repeat 3 repetitions with the other arm
- Be sure to head back, shoulders down, abs tight and glutes squeezed throughout the entire motion

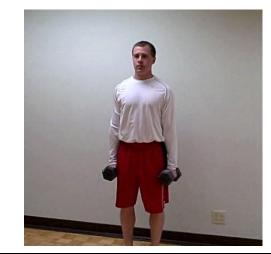




Finish:

- Repeat 3 reps at a time with each arm until you reach the directed number If the suggested reps call for 9 reps you will perform 3, 3 repetition movements with each arm
- Only lift as far as you feel comfortable, don't strain
- Quality is far more important than quantity, so once form has diminished discontinue the exercise

Click here to see this exercise in action



Coaching Tips: Stand up straight with the dumbbells in your hands. Tighten your abs and glutes then slowly raise one dumbbell towards your shoulder. Pause on the top of the motion and repeat 2 more reps. After performing 3 reps on one side, repeat with 3 reps on the other. Continue with 3 rep groups until the directed number of reps is met. Maintain good, slow control.

Deadlift (Dumbbells)

Muscles worked:

 Great exercise to work strength in back, legs and core

Preparation :

- Feet may be placed around shoulder width or SLIGHTLY wider, with toes pointed forward
- Grab dumbbells and hold at your hips with palms facing in



Movement:

- From the start position, draw your belly button inward toward your spine
- Descend slowly by bending at the knees and hips
- During the descent, maintain weight distribution between the mid-foot and heels.
 Do not allow the feet or knees to cave inward or shift outward
- The knees should track over the second and third toe.
- Perform downward reps slowly
- Descend as far as you can control, pause, and slowly return to the starting position

Finish:

- Return to the starting position for a moment, and then repeat--maintain a slow, controlled pace
- Make sure to keep your head back (chin tucked) and abs tight

Click here to see this exercise in action





Coaching Tips: Start with the dumbbells comfortably positioned at your hips with palms facing in. It is very important to keep your abs tight throughout the entire motion. Draw the abs in and slowly descend towards the floor, bend at the hip and knee, like you are to sit in a chair. Go as low as you comfortably can, pause, push thought your feet and return to starting position. Do not lean forward or let your knees swing in or out. Keep a slow, controlled pace. Repeat as directed.

Incline Chest Press -DB

Muscles worked:

• Great exercise to work the chest, triceps and shoulders

Preparation :

- Sit on an incline (adjusted 45 to 60 degrees) bench with two dumbbells
- Position your feet straight-ahead and slowly lie on bench with proper posture
- Position dumbbells straight up at chest level

Movement:

- Brace the spine by drawing your navel towards the spine and squeezing the glutes
- Slowly lower the weight, maintaining the wrist position over the elbows
- Only move as far as you can maintain balance and stability
- Perform repetitions SLOWLY to enhance strength





Finish:

- Bring your hands back together, pause and then repeat
- It is important NOT to let your back arch at any time during the movement
- Keep feet pointing straight ahead

Click here to see this exercise in action



Coaching Tips: Sit on the incline bench (adjusted to 45 to 60 degrees) with feet flat on the floor and dumbbells on your knees. Slowly lie back on the bench bringing the dumbbells straight up at chest level. Draw you abs in tight, squeeze the glutes then slowly lower the weights to the outside of your chest. Pause for a moment at the bottom of the movement, and then straighten your arms. Keep your feet on the floor and do not arch your back at any point in the motion. Maintain a slow, controlled pace. Repeat as directed.

Lat Pulldown

Muscles worked:

 Great exercise for isolated strength and hypertrophy of the lats, rear delts, and traps

Preparation :

- Place hands on bar at a grip a little wider than shoulder width and palms facing away from you
- Lean back just enough so that the bar descends in front of you (NOTE: This will vary from machine to machine)

Movement:

- From the start position, draw your belly button inward toward your spine
- Keep your head up, slowly start to pull the shoulder blades downward allowing your arms and the bar to follow
- Pause when the bar gets just below the chin
- Then slowly return to the starting position
- Do not allow head to "jet" forward





Finish:

- It is important NOT to let your back arch at any time during the movement
- Keep the movement slow and controlled to insure you don't use momentum
- Keep the shoulder blades down, your shoulders should not be by your ears

Click here to see this exercise in action

Coaching Tips: Grasp the overhead bar with your palms facing away from you. Bring your shoulder blades down so they are not at your ears. Draw your abs tight and lean back slightly. Pull the bar slowly down towards your chin; be careful to not arch your back. As the bar gets below the chin, pause and slowly return to the starting position. Keep the abs tight and head looking forward throughout the motion. Maintain control of the motion to insure you don't swing. Repeat as directed

Lat Pulldown- Reverse Grip

Muscles worked:

 Great exercise for isolated strength and hypertrophy of the lats, biceps, rear delts, and traps

Preparation :

- Place hands on bar at a grip a little narrower than shoulder width and palms facing towards you
- Lean back just enough so that the bar descends in front of you (NOTE: This will vary from machine to machine)

Movement:

- From the start position, draw your belly button inward toward your spine
- Keep your head up, slowly start to pull the shoulder blades downward allowing your arms and the bar to follow
- Pause when the bar gets just below the chin
- Then slowly return to the starting position
- Do not allow head to "jet" forward





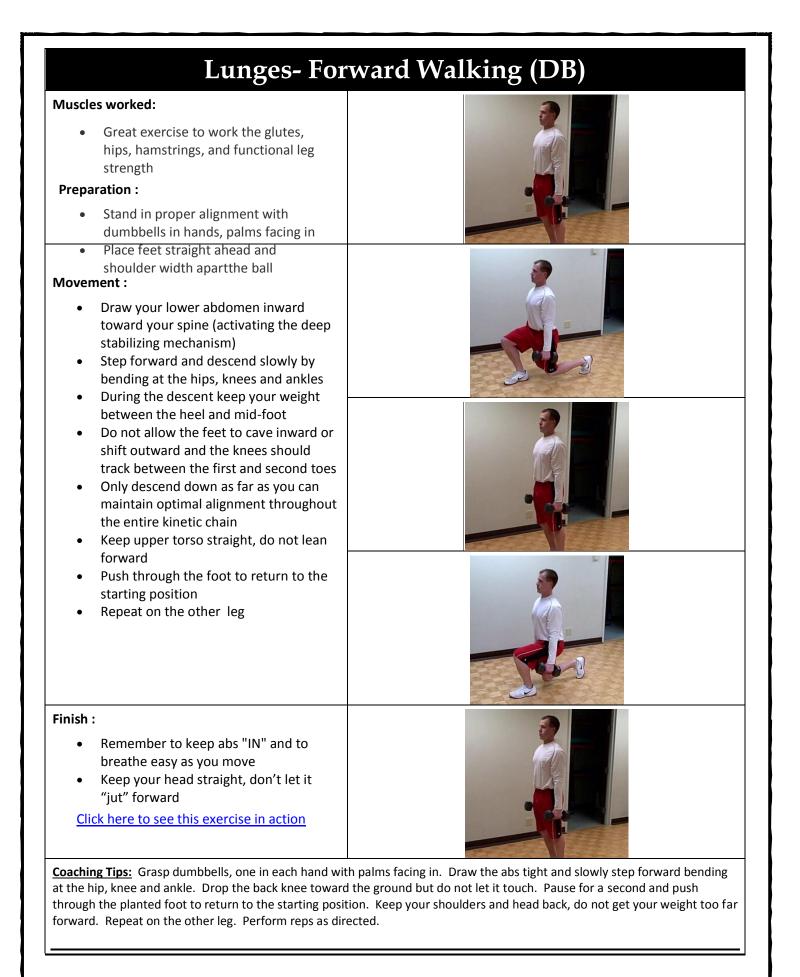
Finish:

- It is important NOT to let your back arch at any time during the movement
- Keep the movement slow and controlled to insure you don't use momentum
- Keep the shoulder blades down, your shoulders should not be by your ears

Click here to see this exercise in action



Coaching Tips: Grasp the overhead bar with your palms facing towards you. Bring your shoulder blades down so they are not at your ears. Draw your abs tight and lean back slightly. Pull the bar slowly down towards your chin; be careful to not arch your back. As the bar gets below the chin, pause and slowly return to the starting position. Keep the abs tight and head looking forward throughout the motion. Maintain control of the motion to insure you don't swing. Repeat as directed



Pull up

Muscles worked:

• Integrated total body movement with emphasis on the lats, core and arms

Preparation :

- Grasp bar overhead at slightly over shoulder width
- Keep palms facing away from you (over hand grip)
- Maintain a neutral spine from head to toe, AVOID SWINGING

Movement:

- Draw your abdomen inward toward your spine
- Pull body upward toward the ceiling keeping the abs tight
- Pull up to your chin, pause for a moment and slowly lower body back to the starting position





Finish:

- Form is more important than how long or how much
- Stay slow and controlled with your motion
- Do not swing

Click here to see this exercise in action



Coaching Tips: Grasp the bar with an overhand grip allowing your feet to come off the floor. Stabilize your spine by tightening the abs and glutes then slowly pull your body towards the overhead bar. Bring your chin to the bar, pause and then slowly lower your body back to the starting position. Keep your movement under control so you don't swing on the bar. Repeat reps as directed.

Push-up

Muscles worked:

 Great exercise to build muscle and strength in chest, shoulders, core and triceps

Preparation :

- In a prone position, place hands a little wider than shoulder width
- Brace your body on your hands and toes, be sure to keep your body straight or slightly raised at the hips

Movement:

- Draw your abdomen inward toward your spine and tighten your butt
- Slowly lower your upper body to the ground, keeping your torso flat and straight
- Lower until your chest almost meets the ground and pause
- Keeping your abs and glutes tight slowly raise your upper body to the starting position
- Do not let the hips fall or raise, keep your body straight





Finish:

- Form is more important than how long or how much
- Perform each rep slowly with good control

Click here to see this exercise in action



Coaching Tips: Lie on the floor with your body weight supported by your hands under your shoulders and your toes. Tighten your abs and glutes then slowly lower your upper body towards the floor. Your elbows should be outside your body. Lower till your chest is almost touching the floor, pause, and then push your upper body back to the starting position. Make sure your hips do not sink or elevate, keep your torso straight. Be sure to go slowly and keep the head up and back and your abs tight. Repeat as directed.

Push-up (hands on ball)

Muscles worked:

 Great exercise to build muscle and stabilizing strength in triceps, shoulders, core and chest

Preparation :

- Begin with the hands on the stability ball, shoulder width apart
- Ensure that the hands, elbow, and shoulders are straight in-line (as shown)
- It is recommended to begin with the feet shoulder width apart

Movement:

- Draw your abdomen inward toward your spine and tighten your butt
- Slowly lower your upper body to the ball, keeping your torso flat and straight
- Lower until your chest almost meets the ball and pause
- Keeping your abs and glutes tight slowly raise your upper body to the starting position
- Do not let the hips fall or raise, keep your body straight

Finish:

- Form is more important than how long or how much
- Perform each rep slowly with good control so you don't lose your balance
- You may want to widen your feet to give you better balance

Click here to see this exercise in action







Coaching Tips: Place your hand shoulder width apart on a medium sized stability ball. Support your body weight through your hands and feet. Tighten your abs and glutes then slowly lower your upper body towards the floor. Your elbows should be outside your body. Lower till your chest is almost touches the ball, pause, and then push your upper body back to the starting position. Make sure your hips do not sink or elevate, keep your torso straight. Be sure to go slowly and keep the head up and back and your abs tight. Repeat as directed.

Row-One Arm DB

Muscles worked:

• Great exercise to work strength in back, legs and core

Preparation :

- Grasp a dumbbell in each hand.
- Step one foot in front of the other, staggered stance. Assume a 60-45 degree bent-over position (commonly known as a functional stance- feet hip width apart, head straight and shoulders back).

Movement:

- From the start position, draw your belly button inward toward your spine
- Maintaining optimal posture, pull the dumbbell toward your side
- Focus on generating movement from your core instead of just pulling with your arm
- Pull the dumbbells to your side, pause and return to starting position
- Maintaining good posture is the key to this exercise

Finish:

- Return to the starting position for a moment, and then repeat
- Maintain a slow, controlled pace
- Make sure to keep your shoulder blades down and back and your head straight extend your arm all the way straight on the return movement

Click here to see this exercise in action

<u>Coaching Tips</u>: Select the appropriate weight. Grab a dumbbell, draw your abdominal muscles tight and bend forward to 45-60 degrees at the waist. Assume a staggered stance with one foot in front of the other. Let your arm straighten towards the floor but still maintain good bent over posture and position. Keep the abs tight, head up and pull your hand towards your side. You want to bring the dumbbell all the way to your side, pause then slowly lower to the starting position. Do all the directed reps on one side, then repeat on the other.







Seated Cable Row

Muscles worked:

• Great to strengthen the muscles of the back and shoulder blades

Preparation :

- Lean forward to grasp the handle, draw your abs tight then bring the handle back so that you are seated straight
- Keep your head back, shoulders down and relaxed

Movement:

- Row the handle by flexing your elbows and bringing the thumbs towards armpits while keeping the shoulder blades and traps down (relaxed)
- Avoid letting your back arch and/or head to jut forward
- Hold and then slowly return the arms to original position by extending the elbows





Finish:

- Maintain a slow, controlled pace
- Make sure to keep your shoulder blades down and back and your head straight
- Extend your arms all the way straight on the return movement

Click here to see this exercise in action



Coaching Tips: Select the appropriate weight. To get into position: grab the handle, put your feet on the pedals, draw the abs tight and sit up straight. You will have resistance on the cable. Keeping the straight position, slowly pull your arms back to your armpits. Keep your shoulders down and relaxed throughout the motion. When the handles are back to the armpits, pause, and then slowly straighten your arms. You only need to return the handle (let the weight stack down) on the last rep. Repeat as directed.

Shrug to Calf Raise

Muscles worked:

• Great exercise to strengthen traps, grip and calves

Preparation :

- Feet may be placed around shoulder width or SLIGHTLY wider, with minimal external rotation (NOTE: The wider the stance the more you should rotate your feet out to maintain alignment at the knees)
- Grab dumbbells and hold at your sides, palms facing inward

Movement:

- From the start position, draw your belly button inward toward your spine
- Shrug your shoulders toward your ears and hold
- Rise on your toes to calf raise; maintain weight distribution on your toes
- The knees should be straight
- Pause for a moment on your toes and slowly lower to the starting position (be sure to relax the traps also)





Finish:

- Return to the starting position for a moment, and then repeat--maintain a slow, controlled pace
- Make sure to keep your head up and abs tight
- Repeat as directed

Click here to see this exercise in action



Coaching Tips: Start with the dumbbells comfortably positioned at your hips, palms facing in and legs straight. Draw the abs in tight and raise your shoulders to your ears. Hold that position and then push through your toes to raise your heels from the floor. Pause at the highest point, and then slowly lower yourself to the starting position. Maintain a slow, controlled pace throughout the rep. Keep your abs tight and head up. Repeat as directed.

Single leg touchdown with dumbbell

Muscles worked:

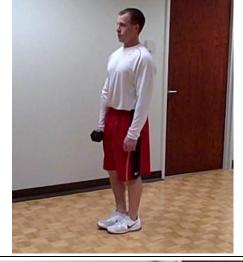
 Integrated total body movement with emphasis in glutes, quads and hamstrings

Preparation :

 Begin balanced on one leg and dumbbell in the opposite hand

Movement:

- Draw your abdomen inward toward your spine
- Controllably, squat down bending the ankle, knee, and hip while reaching toward, OR, touching your toe with the opposite hand or dumbbell
- While maintaining tight abs, activate glutes & return to starting position





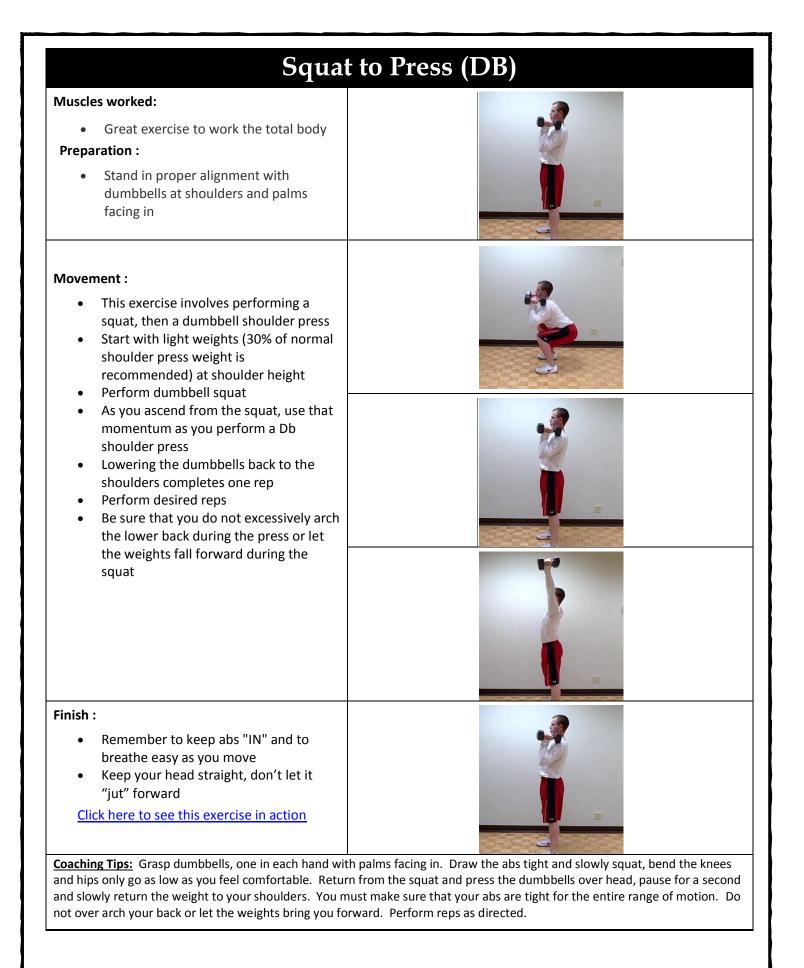
Finish:

- Form is more important than how long or how much
- Stay slow and controlled

Click here to see this exercise in action



Coaching Tips: Begin balanced on one leg and a dumbbell in the opposite hand. Draw your abdomen inward toward your spine. Controllably, squat down bending the ankle, knee, and hip while reaching attempting to touch your toe with the opposite hand or dumbbell. Pause for a moment on the bottom of the motion and return to the staring position. Stay balanced on one leg until all reps are complete. Finish all reps on one leg then repeat as directed on the other.



Front Squats (Dumbbells)

Muscles worked:

• Great exercise to work strength in back, legs and core

Preparation :

- Feet may be placed around shoulder width or SLIGHTLY wider, with minimal external rotation (NOTE: The wider the stance the more you should rotate your feet out to maintain alignment at the knees)
- Grab dumbbells and hold end to end just above your chest with your palms facing you

Movement:

- From the start position, draw your belly button inward toward your spine
- Descend slowly by bending at the knees and hips
- During the descent, maintain weight distribution between the mid-foot and heels. Do not allow the feet or knees to cave inward or shift outward
- The knees should track over the second and third toe
- Perform downward reps slowly
- Descend as far as you can control, pause, and slowly return to the starting position

Finish:

- Return to the starting position for a moment, and then repeat
- Maintain a slow, controlled pace
- Make sure to keep your head up and abs tight

Click here to see this exercise in action







Coaching Tips: Start with the dumbbells comfortably positioned at your shoulders, end to end with your palms facing you. It is very important to keep your abs tight throughout the entire motion. Draw the abs in and slowly descend towards the floor, bend at the hip and knee, like you are to sit in a chair. Go as low as you comfortably can, pause, push thought your feet and return to starting position. Do not lean forward or let your knees swing in or out. Keep a slow, controlled pace. Repeat as directed.

Straight Arm Pushdown

Muscles worked:

• Great for working strength of triceps

Preparation :

- Standing in proper posture, bend slightly forward at the hip (not the spine)
- Hands should be shoulder-width apart. Use a neutral grip, palms toward floor
- Slightly bend the knees to establish a stable stance

Movement:

- From the start position, draw your belly button inward toward your spine While maintaining shoulder position, and keeping your arms straight, pull your hands to your thighs
- Keep your arms straight, head back and shoulders down
- Pause at the bottom of the motion and slowly return hands to the starting position





Finish:

- Form is more important than how long or how much
- Perform each rep slowly with good control

Click here to see this exercise in action



Coaching Tips: Stand up straight; grab the cable bar with palms facing the floor. Draw your abs and glutes tight and push hands straight toward the floor, keeping your arms straight. Pause at the bottom of the motion, emphasize the straight arms, and then slowly raise your hands to the starting position. Maintain good posture and a slow controlled pace. Repeat as directed.

Triceps Pushdown

Muscles worked:

• Great for working strength of triceps

Preparation :

- Standing in proper posture, bend slightly forward at the hip (not the spine)
- Hands should be shoulder-width apart. Use a neutral grip, palms toward floor
- Slightly bend the knees to establish a stable stance

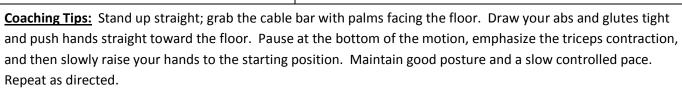
Movement:

- From the start position, draw your belly button inward toward your spine
- While maintaining shoulder position, extend elbows (hands moving until your arms are straight
- Do not move the shoulders-- All motion comes from elbows
- Pause at the bottom of the motion and slowly return hands to the starting position
- Avoid the tendency to "unwind" at the end of extension (which occurs when the shoulder internally rotate as the elbow nears full extension)

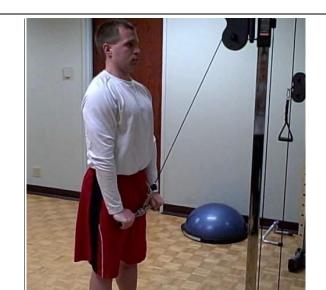
Finish:

- Form is more important than how long or how much
- Perform each rep slowly with good control

Click here to see this exercise in action









Triceps Pushdown (rope)

Muscles worked:

• Great for working strength of triceps

Preparation :

- Stand up straight
- Hands should be shoulder-width apart--grip the rope with palms facing in
- Slightly bend the knees to establish a stable stance

Movement:

- From the start position, draw your belly button inward toward your spine. While maintaining shoulder position, extend elbows (hands down and out)
- Do not move the shoulders. All motion comes from elbows
- Pause at the bottom of the motion and slowly return hands to the starting position
- Avoid the tendency to "unwind" at the end of extension (which occurs when the shoulder internally rotate as the elbow nears full extension)

Finish:

- Form is more important than how long or how much
- Perform each rep slowly with good control

Click here to see this exercise in action







Coaching Tips: Stand up straight; grab the rope with palms facing in. Draw your abs and glutes tight and push hands straight down and out toward the floor. Pause at the bottom of the motion, emphasize the triceps contraction, and then slowly raise your hands to the starting position. Maintain good posture and a slow controlled pace. Repeat as directed.

Step Ups (12-16 inch bench)

Preparation :

- Find a 12 to 16 inch bench or step to perform the exercise
- Stand up straight while holding a dumbbell on each hand (palms facing the side of your legs).
- Place one foot on the elevated platform/ bench or step.

Movement :

- Draw your belly button inward toward your spine.
- Press through your heel as you drive your body up toward the platform. Bring your opposite leg up to the platform.
- Pause then SLOWLY lower you body back to the floor.
- Be sure to SLOWLY lower your leg down and not bounce once the leg touches the ground.

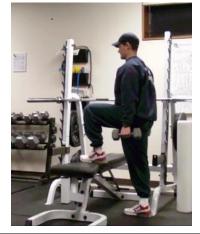
Finish :

Keep torso upright during exercise. Lead knee should point same direction as foot throughout movement.

Click here to see this exercise in action







<u>Coaching Tips:</u> Place foot of first leg on bench. Stand on bench by extending hip and knee of first leg and place foot of second leg on bench. Step down with second leg by flexing hip and knee of first leg. Return to original standing position by placing foot of first leg to floor. <u>Repeat all the reps on one leg first</u> then perform the same number on the opposite leg. Stepping distance from bench emphasizes Gluteus Maximus; stepping close to bench emphasizes Quadriceps.

Goblet Squat

Preparation :

Grab a dumbbell and hold it vertically in front of your chest, with your feet slightly wider than shoulder-width apart.



Movement :

- Draw your belly button inward toward your spine.
- Keeping your back naturally arched, push your hips back, bend your knees, and lower your body until the tops of your thighs are at least parallel to the floor.
- Pause, then push yourself back up to the start. If that's too hard, do a bodyweight squat instead.

Finish :

Keep your belly button drawn in throughout the entire motion. Be sure to stand up straight between reps.

If this exercise is too difficult, perform a bodyweight prisoner squat instead.

Click here to see this exercise in action





<u>Coaching Tips:</u> Grab a dumbbell and hold it vertically in front of your chest, with your feet slightly wider than shoulder-width apart. Keeping your back naturally arched, push your hips back, bend your knees, and lower your body until the tops of your thighs are at least parallel to the floor. Pause, then push yourself back up to the start. Your elbows should point down to the floor and your torso should remain as upright as possible.

Exercise Substitutions for FRF Rapid Fat Loss Workout

The truth is that sometimes you just will not have the equipment, space, or strength to do some exercises in the FRF Rapid Fat Loss Workout. Fortunately, there is GREAT news about that, almost every single exercise can be substituted by an equally amazing and effective exercise.

Here is a list of exercises that you can substitute for each of the FRF Rapid Fat Loss Workouts. Exercises highlighted in blue link to videos demonstrating them. Remember regardless of the exercise, you must control the motion of the exercise, along with your posture and core throughout the range of motion.

Always try to perform the original exercises as directed in the FRF Rapid Fat Loss Workout. Only when necessary due to not having the equipment available OR any physical or medical reason should you substitute the listed exercises (which is the original exercises in the program). You can see video demonstrations of each exercise by clicking on it (if it is in blue).

If you cannot find an alternative exercise to substitute, email me at Zamzowfitness@gmail.com

If you do not have access to a gym, most of the listed exercises can be substituted with an adjustable dumbbell set, flat bench, door frame chin up bar or Olympic bar (with plate weights).

Please <u>email me</u> if you have further questions.

Stay Safe and Healthy,

Aaron Zamzow

Here are some substitution suggestions for the FRF Rapid Fat Loss Workouts.

Active Warm-ups (Substitution options)

All of the active warm-up exercises do not required equipment. You may inter-change some exercises based on personal preference but try to follow the suggested active warm-up exercises. A 5 or 10 minute jog, elliptical, step mill or walk are suggested before the active warm-up exercise. You can skip this 5-10 minute portion but must complete at least 2 circuits of the prescribed warm-up exercises.

Core Exercises (Substitution options)

Most of the core exercises are inter-changeable. If you do not have a stability ball, I would highly recommend one, they are great not only for developing core strength but also for fire rescue functional balance. You can get one here <u>(click here for options).</u>

For any stability ball exercise, you can perform the same or similar exercise without the ball. For example, you can substitute ball crunch for a regular crunch, or a knee tuck push-up can be for a regular or feet elevated push-up.

Exercise from FRF Fat Loss Workout #1	Substitution #1	Substitution #2	Substitution #3
Incline DB Chest Press	DB Chest Press	Feet Elevated Push-ups	Suspension chest press
Smith Bar Body Rows	Pull-ups	Suspension Rows	Here are some other options (click here)
Squat with Press	Burpee	<u>Plate- floor to ceilings</u>	Push press
Seated Cable Row	<u>DB Two Arm Rows</u>	Body Rows	Pull-ups or Suspension Pulls
Captain Morgan Curls	<u>Bar curls</u>	Reverse grip pull-ups	Suspension Bicep Curls
Walking Lunges- hold weights	<u>Single leg squat</u> <u>touchdowns</u>	Prisoner Squats	You can use a foam bucket for weight for lunges
<u>Triceps Cable</u> <u>Pushdowns</u>	DB Tricep Skulls	Push-up (narrow grip)	Bench Dips
Your Choice Exercise			

Exercise from FRF Fat Loss Workout #2	Substitution #1	Substitution #2	Substitution #3
DB Alternate Arm Chest Press	<u>Spider Push ups</u>	Bench Press	Suspension chest press
One Arm DB Rows	Bent Over DB Row (staggered stance)	<u>Pull up</u>	Here are some bodyweight alternatives
Goblet Squats	<u>Bar Deadlift</u>	Prisoner Squats	Step back lunges
Arm Raises V-scaption (thumbs up)	Bent over T's and Y's	<u>DB Front to Lateral</u> <u>raises</u>	Here are bodyweight shoulder exercises
Lat Pulldown -reverse Grip	<u>Bent Over DB Row</u> (staggered stance)	<u>Pull up</u>	Suspension Pulls
Step-ups	Can do this exercise with or without weight		Bench single leg squats
Standing DB Hammer Curls	Captain Morgan Curls	Incline DB Curls	Pull up (palms face you)
Triceps Pushdown- rope	One arm DB overhead tricep extensions	DB Tricep Skulls	Push-up (narrow grip)

Exercise from 300 Workout	Substitution #1	Substitution #2	Substitution #3
Body Rows	<u>Good pull up</u> <u>alternatives</u>	Suspension Rows	Here are some other options (click here)
Push ups	<u>Spider Push ups</u>	<u>Bench Press</u>	Suspension chest press
Prisoner Squats	<u>Weighted Overhead</u> <u>Squat</u>	<u>Push Press</u>	<u>Y Squats</u>
Lunges (walking)	<u>Bench single leg</u> <u>squats</u>	Split Squats	You can use a foam bucket for weight for lunges
<u>V-ups</u>	Knee tucks (feet on <u>ball)</u>	Hanging Leg Raises	Ball Pikes
Marching Planks	Ball Stir the Pot	Prone plank pulses	<u>Superman Plank</u>

Exercise from Progressive Bodyweight Workout	Substitution #1	Substitution #2	Substitution #3
Burpees	Full body extensions	<u>Squat Jumps</u>	<u>Step up jumps</u>
Pull up	Spider Push ups	Bench Press	Suspension chest press
Prisoner Squats	Goblet Squats	Suspension Rows	Here are some other options (click here)
Biker crunches	<u>Oblique Crunch on</u> <u>ball</u>	Seated Ab Crunch	Prone Plank Pulses (on ball)
<u>Planks</u>	Prone plank pulses	<u>Side planks</u>	<u>Stir the pots</u>
Run Stairs	<u>Sprints</u>	<u>Mountain Climbers</u>	<u>Tire Flips</u>

Interval Overhaul Exercises

You can use any combination of these exercises for your interval overhauls (at the end of your workouts). The idea behind these is to boost metabolism and give you a chance to work fire ground movements. Perform 10 minutes of (30 seconds of work to 30 seconds of rest, the more in-shape you get the longer you can make the work segments..i.e. 35 seconds work/ 20 seconds rest).

Run Stairs	Burpees	<u>Tire Flips</u>	Med ball Slams
Crawling	Battling Hoselines	Mountain Climbers	<u>Dummy or Hose line</u> <u>Drags</u>
Ladder presses	Lateral Shuffle	Plank or any core exercise	Rowing
<u>Step up jumps</u>	Sledges on Tire	Incline Walks or Run	<u>Sprints</u>
You can also perform push-ups, squats, lunges, etc. Be creative; add your own touch to these overhauls.			

Interval Cardio Workouts

You can use any combination of these exercises for your 24-minute cardio interval workouts. These are great workouts to do with your crew or as a group. These cardio workouts are performed on the days in- between your strength workout days. You may need to vary the intensity based on how you feel from the previous shift or workout. Always start these workouts with an active warm-up for 6-8 minutes. You can choose 6 different exercises and set the intervals to 30 seconds work and 30 seconds rest (adjust as you see fit). You will perform 4 rounds of these 6 exercises for a total of 24 minutes. Cool down with a 5-minute static stretch upon completion. Feel free to interchange the circuits with your favorite active warm-up or fire ground exercises (please let me know if you do).

Run Stairs	Burpees	<u>Tire Flips</u>	Med ball Slams
Crawling	Battling Hoselines	Mountain Climbers	Dummy or Hose line Drags
Ladder presses	Lateral Shuffle	Plank or any core exercise	Rowing
<u>Step up jumps</u>	Sledges on Tire	Incline Walks or Run	<u>Sprints</u>
<u>Aerodyne</u>	Med ball side toss	Squat with med ball toss (against wall)	Jump rope
You can also perform push-ups, squats, lunges, etc. Be creative; add your own touch to these overhauls.			

Disclaimer and/or Legal Notices

This information provided in this guide is for educational purposes only. I am not a doctor and this is not meant to be taken as medical advice. The information provided in this guide is based upon my experiences as well as my interpretations of the current research and resources available. You must get your physician's approval before beginning this exercise program. This program is designed for healthy individuals 18 years and older only. The information in this report is meant to supplement, not replace, proper exercise training. All forms of exercise pose some inherent risks. The editors and publishers advise readers to take full responsibility for their safety and know their limits. Please be sure that any equipment that you use is well-maintained, and do not take risks beyond your level of experience, aptitude, training and fitness. You should consult your physician to insure tips given in this course are appropriate for your individual circumstances. If you have any health issues or pre-existing conditions, please consult with your physician before implementing any of the information provided below.

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