

The Nike Football SPARO Training Pre-Season Program is an 8 -week movement-based program designed to make your athletes more dynamic and explosive. Our program will help you teach your athletes to move more efficiently and increase their overall athletic ability. We believe better athletes make better players and our goal is to help you build a championship football team

This program is based on proven training philosophies that have been developed over many years with athletes of all ages. For the coach, this program is effective because it replicates the movements and position required in football. The stages of development are organized so that your youngest athletes will be able to see progress while your most advanced and talented athletes will be challenged on a daily basis.

The teaching hierarchy of the Nike Football SPARD Training Pre-Season Program is progressive and sequential. This means your athletes will be taught the necessary movements on the field and in the weight room. Once they master the proper technique, they will then work on developing the speed of the movement and the loads required to develop peak athleticism.

This program is unique because it looks beyond the 'stronger is better' mentality. While developing strength is an important component of any program, it's not our end goal because we're making dynamic footbal players, not weight lifters. Use this 8 -week movement-based program as part of your pre-season regimen and help ensure that your athletes train, practice, and compete at the highest level

## CDACH CARLISLE

The Nike Football SPARQ Training Pre-Season Program was developed in conjunction with Chris Carlisle, the current Strength and Conditioning Coach of the Seattle Seahawks. Prior to coming to the Seahawks, Carlisle was an integral part of Pete Carroll's staff at USC and is credited with developing the explosive style of play that enabled the Trojans to become the most dominate program in college football over the past decade.

DYNAMIC WARM-UP SCHEDULE
WEEK 3

| DAY 1 | DAY 2 | DAY 3 | DAY 1 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Accelerate - 40 yards Hanging Hamstring <br> Accelerate-40 yards Quad Pull <br> Backwards Run-30 yards Staggered Hamstring (RT/LT) <br> Carioca Squat - 15 /15 yards <br> Saigon Squat <br> Stiff Legged Bound - 20 yards <br> 3-Way Splits <br> High Knee Carioca - 10/10 yards <br> Hip Flexor | Accelerate - 40 yards Hanging Hamstring <br> Accelerate - 40 yards Quad Pull <br> Backwards Run - 20 yards Staggered Hamstring (RT/LT) Stiff Legged Bound - 20 yards Lateral Lunge - $10 / 10$ yards <br> 3 -Way Lunge - 20 yards <br> Spiderman -10 yards Inch Worm -10 yards | WEEK 3-4 <br> Shuffle Right - 10 yards Shuffle Left - 10 yards Forward Ice Skater - 10 yards Backwards Ice Skater-10 yards | revally <br> -Opposite Side Pointers $-1 \times 8$ reps <br> - V-Reach-Up-1x 10 reps <br> - Superman-1x 10 reps <br> SINEAR BURST SPEED <br> Scramble Start/Starts <br> Scramble Start - 2x20 yards <br> Stance - 2x20 yards <br> Blend -4x20 yards <br> SPEED LADEER <br> - One Foot In Each Hole <br> - Two Feet In Each Hole <br> - Lateral High Knee (RT/LT) <br> - Lateral Shuffle (Icky) <br> - High Knee Step Over <br> - Two-In-Two-Out <br> DAY 2 | 3-CONE DRILLS <br> - Pro Agility <br> -Sprint-Back Pedal-Sprint <br> - Back Pedal-Sprint-Back Pedal <br> - Shuffle-Sprint-Sprint <br> HANGCLEAN <br> $4 \times 65 / 3,70 / 3,75 / 3,80 / 2$ <br> $4 \times 70 / 5,75 / 5,82 / 5,85 / 5$ <br> BENCH <br> $4 \times 65 / 5,70 / 4,75 / 4,77 / 3$ <br> AUXILIARY BENCH <br> Use Bench Max\#'s to figure \%'s <br> $30^{\circ}$ Incline $3 \times 67 / 3,70 / 3,72 / 3$ | - Upright Rows - $3 \times 8$ <br> - Wall Slides - $3 \times 5$ (High/Low) <br> TRICEPCIRCUITC <br> -Tricep Extension - $3 \times 10$ <br> - Tricep Overhead - 3x10 <br> MANUAL NECK <br> $\times 5$ reps <br> 40-50-60 <br> $-x 2$ sets of 7 <br> -40 yards: 0 -Line/D-Line 17 sec <br> - 50 yards: $\mathrm{LB} / T \mathrm{TE} / \mathrm{FB} / \mathrm{QB} / \mathrm{SP}$ @ 8 sec <br> -60 yards:WR/Dumbbell @9 sec <br> - 30 sec rest/3:00 min rest |
|  |  |  | partner powerball <br> - Sit-Up And Grab - $7 x 8$ reps <br> - Reach-Up And Move - $1 \times 8$ reps <br> - Supine $90^{\circ}$ Twist - $1 \times 8$ reps <br> SNATCH/JERK (STANDING) <br> - Snatch x8 throws <br> - Jerk x8 throws <br> CONE HOP/JUMP AND LAND <br> - Single Cone-2x6 <br> - Lateral - $2 \times 6$ <br> - Forward/Backward - 2x6 | $3 \times 55 / 4,62 / 4,65 / 3$ <br> CLEAN PULL <br> $4 \times 70 / 4,75 / 4,80 / 4,85 / 4$ <br> BOX STEP-UP <br> $3 \times 52 / 5,55 / 5,55 / 5$ <br> ROMANIAN DEAD LIFT (RDL) <br> $3 \times 55 / 5,55 / 5,55 / 5$ | BACKCIRCUITC <br> - Wide Lat Pulldown 3x8 <br> - Narrow Grip Pull-Up 3x8 <br> BICEP CIRCUITC <br> - Cable Curl $3 \times 10$ <br> - Dumbbell Hammer Curl $3 \times 8$ <br> 20 YARD SPRINTS <br> $-x 2$ sets of 11 <br> $-15-18$ sec rest/2:00 min rest |



GROUPED DRILLS AND CIRCUITS

| DAY1 |  |  | Agility |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Comenoll | ONFOULS |  |
| Cats/Camels $-1 \times 8$ reps Dead Bug-2x8reps Reach Through $-2 \times 8$ reps | - Two-In-Two-Dut <br> - Two Foot Hopscotch | AUXILIARY BENCH <br> Use Bench Max \#'s to figure \%'s <br> $30^{\circ}$ Alt Dumbbell Incline - $3 \times 30 / 4,32 / 4,35 / 4$ | Double Pane Every Hole Lateral Shuffle Lateral Scissor High Knee Step Over Two - In - Two - Dut Diagonal Ski Hops | Two FootFigure 8 | 4-Cone Drills | Single Pane |
|  |  |  |  | Two Foot Hopscotch | Sprint-Shuffle-Back Ped | One Foot In Each Hole |
|  |  |  |  | One Foot Figure 8(RT/LT) | Shuffle - Back Ped - Shuffle | Two Feet In Each Hole |
|  | F-DRILLS |  |  | 2-1-2 Hopscotch | Back Ped-Carioca- Sprint | Lateral High Knee (RT/LT) |
|  | -Sprint-Shuflle-Sprint-Back Pedal | SHOULDERCIRCUITD |  | ${ }_{\text {Two }}$ Tosoot Lateral Hop | uf- Back Ped-Diag Spr | High Knee Step Dver |
| -0-Step/2-4-6 Step Drills 20 yards x8 <br> 1x20 yards Stance 0-Step $1 \times 20$ yards focus on first2 steps $1 \times 20$ yards focus on first 4 steps $1 \times 20$ yards focus on first 6 steps $2 x 20$ yards blend on all 6 steps |  | - Dumbbell Shrugs- $3 \times 10$ |  | Diagonal Scissor | Sprint- Shuffle - Sprint Shuffle- Shuffle - Sprint | Two Foot Hopscotch |
|  | - Back Pedal-Carioca-Shuffle-Sprint <br> - Shuffle-Sprint-Back Pedal-Shuffle |  |  |  |  | $\underset{\substack{\text { Two Foot } \\ \text { Lateral Scisscotach }}}{ }$ |
|  |  | TRICEPCIRCUIT |  | LTTY BAGS: |  |  |
|  | HANG clean | - Tricep Extension/Close Grip - $3 \times 5$ | OUTS DRILLS: | 8-Bag Drills |  |  |
|  | $4 \times 70 / 4,75 / 4,80 / 3,85 / 3$ | - Power Ball Push-Up - 3x12 | Fiqure 8 | One Foot In Each Hole |  |  |
|  | back souat | manual neck | Two Foot Hopscotch | Shuffle | ${ }^{3-C o n e ~ D i l l l s ~}$ |  |
|  | $4 \times 72 / 5,77 / 4,82 / 4,87 / 4$ | $\times 5$ reps | Two Foot Lateral Hop Diagonal Scissor | ${ }_{\text {Zig-Zag Run }}^{\text {Sorint - Back }}$ | Pro-Agility Sprint-Back Pedal - Sprint |  |
| - One Footin Each Hole | ${ }_{4 \times 6 \mathrm{E}}^{\mathrm{BE} / 5,72 / 4,7 / 3,82 / 3}$ | 20 YARD SPRINTS <br> - x 2 sets of 12 <br> 00 min rest |  | Two Feet In Each Hole | Back Ped - Sprint- Back Ped |  |
| - Two Feet In Each Hole <br> - Lateral High Knee (RT/LT) |  |  | One Foottrills | 4-Ban Drills | Shuffle-Sprint-Sprint |  |
|  |  |  | One Foot Figure 8 (RT/LT) | Lateral - Lateral - Sprint | F-Drills |  |
| - High Knee Step Dver |  |  | 2---2 Hopscotch | Lateral- Sprint-Sprint | Spr-Shuf-Spr-Back Ped |  |
|  |  |  | One Foot Lateral Hop (RT/LT) | Lateral - Shuffle - Sprint | Back Ped-Shuf-Shuf-Spr |  |
| DAY 2 |  |  | Diagonal (RT/LT) |  | Shuf - Spr- Back Ped-Shuf |  |
| Sit-Up Touch $-2 \times 10$ reps Partner Hand Off - $1 \times 10$ reps - Lateral Toss (Knee - $1 \times 10$ reps | ${ }^{\text {DUMMBEELL JERK }}$ | BACK CIRCUITD <br> -Wide Lat Pulldown 3x8 <br> - Narrow Grip Pull-Up 3x8 | Lifting Circuits Ensure that you work maximally during your lifts and rest for 45 seconds between sets |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | CLEAN PULL |  | backeircuit: | BICEPCIRCUIT: | SHouldercircuit: | TRIICEP CIRCUIT: |
|  | $4 \times 75 / 4,82 / 4,87 / 3,92 / 2$ | BICEPCIRCUITD | Circuit A | Circuit A | Circuit A |  |
| THRUST/OVERHEAD (STANDING) <br> -Thrust - 2x5 throws <br> - Overhead - 2x5 throws |  | -21 3x21 (7/77) | Dumbbell Row 3 X 8 | Straight Bar Curl 3 X8 | Dumbbell Shoulder Press $3 \times 8$ | EZ Bar Extension $3 \times 8$ |
|  | BOX STEP-UP$3 \times 52 / 5,55 / 5,57 / 5$ | - Band Curls $3 \times 10$ | Wide Grip Pull-Up | Dumbell Hammer Curl 3 X 8 | Dumbbell Shrugs X10 | Close Grip Press $3 \times 10$ |
|  |  | $\begin{aligned} & 8 \text { PLAY DRIVE } \\ & -\times 3 \\ & -20 \text { sec rest/2:00 min rest } \end{aligned}$ | Circuit ${ }^{\text {a }}$ | Circuit ${ }^{\text {a }}$ | Circuit ${ }^{\text {a }}$ | Circuit ${ }^{\text {a }}$ |
| BUUNDING/ICE SKATER/SKI HOP <br> - Bounding - x20 yards | $\begin{aligned} & \text { ROMANIAN DEAD LIFT (RDL) } \\ & 3 \times 55 / 4,55 / 4,55 / 4 \end{aligned}$ |  | Dumbbell Bench Row 3 X 8 Dumbbell Pullover 3 X 8 | EZ BarCurls 3X8 <br> Dumbbell Curls $3 \times 8$ | Plate Circuit $3 \times 8$ Scap Pinch $3 \times 20$ | Push-upComplex x3 X20/15/10 Dips $3 \times 10-15$ |
| - Ski Hop - x15 yards (60 hops) |  |  |  |  |  |  |
|  |  |  | Wide Lat Pulldown $3 \times 8$ | Cable Curl $3 \times 10$ | Upright Rows $3 \times 8$ | Tricep Extension $3 \times 10$ |
|  |  |  | Narow Grip Pull-up 3 X 8 | HammerCurl $3 \times 8$ | Wall Slides 3 5 (High / Low) | Tricep Dverhead $3 \times 10$ |
|  |  |  | Circuit 1 <br> Dumbbell Stability Row 3 X 8 Narrow Grip Pull-up $3 \times 8$ | Circuit 1 <br> 21's $3 \times 21$ (7/7/7) <br> Band Curls $3 \times 10$ | Circuit $D^{1}$ <br> Dumbbell T-Drill 3 X7 <br> Dumbbell Shrugs $3 \times 10$ | Circuit $D$ <br> Tricep Ext/Close Grip 3 X 5 Power Ball Push-Up $3 \times 1$ |

DAY 3

|  | -mbatco |  |
| :---: | :---: | :---: |
| - Front Plank $-2 \times 35$ seconds <br> - Right Plank $-2 \times 30$ seconds | - Lateral-Lateral-Sprint <br> - Lateral-Sprint-Sprint | -Plate Circuit-3x8 <br> - Scap Pinch - $3 \times 20$ |
| -LeftPlank - $2 \times 30$ seconds | - Lateral-Shuffle-Sprint |  |
| DYNAMIC SPEED DRILLS | -Lateral-Zig-Zag Run-Sprint | TRICEP CIRCUIT B |
| M AMM SFEE LRILS |  | -Push-Up Complex-3x20/5/10 |
| Zig-Zag Run/Swoop Drill | HAN | - Dips - $3 \times 10-15$ |
| - 5 --arard Zig-Zag Run -2x 20 yards | $4 \times 35 / 4,37 / 4,42 / 3,45 / 3$ |  |
| -360 Swoop Drill A\& B - $4 \times 20$ yards |  | MANUAL NECK |
| -10-yard Zig-Zag Run - $2 \times 30$ yards | $4 \times 62 / 5,70 / 5,75 / 4,80 / 4$ | $\times 5$ reps |
| ROPES |  | 40-50-60 |
| - One Foot in Every Hole | RUSSIAN LEANS | -x2 sets of 8 |
| - Lateral Shuffle (Icky) <br> - Lateral Scissor | $3 \times 4$ | -40-yards: 0-Line/D-Line@7 sec -50-yards: LB/TE/FB/OB/SP a 8 sec |
| - High Knee Step Dver | BENCH | -60-yards:WR/DUMBEELL@9 sec |
| - Two-in-Two-Dut <br> - Two Foot Hops | $4 \times 70 / 5,77 / 5,82 / 3,87 / 2$ | -30 sec rest/3:00 min rest |
| - Diagonal Ski Hops | $32 / 4,35 / 4,37 / 4$ |  |

please reference the weight lifting and calculate your max percentages,
please reference the weight lifting guide at the back of this book.


HANGING HAMSTRING
(T) PUAD PULL


$$
\begin{aligned}
& \begin{array}{l}
\text { The athletet will bend at the waist, } \\
\text { keeping their back flat and garab } \\
\text { the }
\end{array} \\
& \begin{array}{c}
\text { keeping their back flat, and garat their } \\
\text { calues or }
\end{array}
\end{aligned}
$$

Do notallow the knees to bend Never force a stretch to
uncomfortable level

## ACCELERATE




Begin with the heels next to the line Atthe whistse teleels athletete wille lean
formard and begin to run backwards

2. This drill is ifferernthan a back pedal in that the athlete w will $k$
and reach with their heels

3. The arms should swing in a
normal running patterm

STAGGERED HAMSTRING (RT/LT)


3. Take right knee and stretch hit behind
the shin of the left leq
3. Take sight knee and strei 4. With weigh on night foot lunge
tothe side and
the light liftly fownard with the leftleg

Whwert and to to the side sithty leftleg
Keflep chestand
the entire drill

5. Repeat under step with hight leg Keep chestand head up throughout
the movement
$\qquad$
SAIGON SOQUAT
apart. Make sure that the toes wist
apart: Make sure that the
ares sigghty tumed out


The athlete will squat down so
that the hips that the e tips are near the ground.
Ennsur that he heels are flato
the the ground


The athlete will push out on 4. Never force a stretch to an The athlete will push out on
the insid e fhe ey sothat
feel a astretch in in the groin area

Never forcea astretch to an
uncomffortable level

STIFFIEGGED BOUND


The athlete will bound out just
like a dum major

2. Duing the movement the

3. The arms will move justas
-20 yard

Continue the movementuntil they
have covered the required distance

3-WAY SPLITS


HIP FLEXOR



HANGING HAMSTRING

The athlete will bend at the wist,
keeping their back flatat and
ard

Do notallow the knees to bend Never forcea astretch to an
uncomfortable evel

ACCELERATE

. The athlete will start the dinlin three pointstance, v

3. On the end acceleration the athlete shoulder work to



Begin with the heels next to the line.
Atthe whiste hthathtete eill lean
formard and begin At the whistle the athlete will lean


This drillis different than a back This dnilis siffierent than aba
penda in than the tathetet will
and reach with



1. The athlete will bound out just like a drum major

2. During the movement the keep the legs straight

3. The arms will move just as if the athlete were running

4. Continue the movement until they

5. Lunge forward
6. Lower hips towards ground
7. Hands remain on ground
8. Rock back

9. Hands remain on ground

10 yards total


1. The athlete will lunge
forward as far as possible
2. In the lunge position the athlete will raise their arms
over their head over their head

3. The athlete will then step with their left foot and again turn to the right
G. After the next step with the right leg the athlete will turn
to the left to the left

4. The athlete will then step with to the left
B. Continue the rotation of lunges and turns for the required distance

DAY 3 week 3-4


The athletere will puta band around their ankes. Andasuantea footbal posstion with theirirknees bent and
theirhead $\mathbf{n}$ and back flat do not
bend at the waist bend atthe wais
Begin the drill with the feet at hip
wioth anart, the feet will never widuth apart, the feet will nevercome

| Begin the drill with the feet at hip width apart, the feet will never com closer than the hip width position | 4. Do not allow the athlete to lean on the trail foot as they lunge to the side |
| :---: | :---: |

5. Atter completing the prescribed
distance do no allow the atheteto
stand up. The athlete should return stand up. The athlete should retum
to the stating point. 1 ti important to keeparthe stress on on the hips during


- The athlete will put a band around position with their knees bent and their head $4 p$ and
bend athe waist

$$
\begin{aligned}
& \text { 2. Begin the drill with the feet at hip will follow the movement of the 5. After completing the prescribed }
\end{aligned}
$$

$$
\begin{aligned}
& \text { The athete will lunge outtoa } \\
& \begin{array}{l}
\text { shouldder ridth distance. As the } \\
\text { athlete moves their foot their ches }
\end{array} \\
& \begin{array}{l}
\text { tothe starting point.t.tisimimporatant } \\
\text { tokepp the stress on the hips during } \\
\text { thismove }
\end{array} \\
& \begin{array}{l}
\text { to keep the stress } \\
\text { this movement }
\end{array}
\end{aligned}
$$

ICESKATER BACKWARD
ICESKATER FORWARD


1. Start with your hand and knees on
S. Stat with Mour hand and knees on straight ine trom the eack of your
head tot the end of yuubrback head to the end of your back

2. Extend the ight arm out and
extend the heil of the left leg
 back, hold this position for a count
then
herking the right amm and left leg then bring the tight arm and
back to the statring position

3. Extend the left arm out and extend the heel of the thind le back, hold t this position for a
count and then return to the count and then rety
starting position

4. Continue to cycle the opposite leg and arm for the he oppopor numb
of rese Kemp of freps. Keep your core tight to
stay balanced

HORIZONTAL STABILITY: V-Reach-Up
$1 \times 10$ reps



To begin this exercise lay flaton
To begin this exercicise lay flat legs extended straight ou

3. Keep the thumbs up, and legs straight
 4. This is nota jejking motion,
lint the body un, hold for one
second, and then return to the floor

LINEAR BURST SPEED: Scramble Start
$2 \times 20$ yards, Blend $4 \times 20$ yards


The athlete willstart in a face down
position with their 5 hins on the line 2. The athlete will have their feet slightly spread and their ams
extended completely to to shide

3. On the command (mhistle /verbal / movement
out and up ut and up Do not allow the athlete to stand 4.
and then drive out
. This drill is intended to teach the athlete to drive out and also to ge off the ground and and get moving as off the ground a
fast as possible

## The athlete will Iun through the speed ladder making surve that one foot hits each of the spaces in the ladder



## SPEED LADDER: One Foot In Each Hole



## SPEEDLADDER: Two Feet In Each Hole



> SPEED LADDER : Lateral Height Knee (RT/LT)


| 1. The athlete will have their right side (left when leading with the left leg) acing down the speed ladder | 3. The athlete will then follow with the left foot (right foot when going left stepping into the same hole | 4. As the leff foot (right foot when going leff) strikes the ground the athlete Will raise their right knee lieft knee when leading with the ter height and step into the next hole | 5. Continue this high knee step action for the rest of the drill. Make sure the fulete is not looking at the speed |
| :---: | :---: | :---: | :---: |
| 2. The athlete will begin by stepping into the first hole with their right foot (left when leading with the left leg) |  |  | ladder as they move down the course <br> 6. The athlete will finish the drill by turning and sprinting 5-yards past the ladder |
| SPEED LADDER: Lateral Sh | (Icky] |  |  |



## SPEED LADDER: High Knee Step Dver





Adjust the bench to eithera $30^{\circ}$
angle ( ( notch up) or $45^{\circ}$ angle andgle 1 notochul
(2notches up)
2. Lie face up on a bench with th
3. Position feet directly under the knees

 touching the wall

that the arm is bent ata a $90^{\circ}$ angle
With the finger With the finger tips and elbows
touching the wall atal times the touch hing the wall atall times the
attlete will lisise their hands above
thei athinet will dise their hands above
their head. When the fingertips touch
the the eatherete will lowerthe arms to the
4. After doing the number of freps required the athlete will then try to
bring the elobws to the rib cage Throughout the entire movement Thrughout the entire movement hands/ eliows or shoul
come off the wall


. Using a 90 bench, sit upright with
2. Place a towel overyour head and their hands on the back of your head
3. Begin with your neck straight, . Have your natntner gently $p$ sush Have yourpartner genty push the
head forward as youtuck the chin

5. Return to the starting position by moving the head back tos conter by Whil y your parnern gentiy resists
your movement, making sure not to extend the neck pastctenter


1. Using a 90 bench, sit upingt with 2. Place a towel over your head and have a patrenestatand behind you
with their hands on your forenead
notextended hack skard Move the head forward by tucking the chini while your aratrner gently
eesists your movement


Return to the starting position by
having your partner gently pul the having your partner gently pul th

head back toward center as you | resisthem, $\begin{array}{l}\text { making suru n notot } \\ \text { extend t the neck past center }\end{array}$ |
| :--- |

MANUAL NECK: Side-Ta-Side $-\times 5$ reps

1. Using a $90^{\circ}$ bench, sit upright with 2. Place a towel overy your head and have a partner stand behind you with one hand on the sidd of
your heada and the other on your your head and the
opposites houlder


Begin with your neck straight and
have your patner gentry push the have your partner gentrig pust the
head to the side as you resist them
Return to the starting position by moving the head back to center
while y yur partne gently resists your while your par
movement

Complete the required number of
repettions on on o side and then repetitions on one sidd and
repeat forthe opposite side
$\overline{40 / 50 / 60}$


The athlete will run a linear distance. The distanceis specificic to eac Dthlete. Offensive Linemen, 0 , inebackeres, Tight Ends,
Duarterbacks, and S Specialis
Luarterack ks and specialist klickers
punters will wn 50 -yards. Skill
players: Wide Receivers, Cefensive

Backs, Running Backs will run
60-vards. Each distance has 60-vards. Each distance has a
specific maximurn time torun
each distance foreach position eact distance for each position.
 sf rest. After funs they winil theke betwirveen
minutes and 30 seconds and 3 minutes (dependenten uponthe
running schedule) If fatany time you are having provememy saththing distress make sure yuu check wit
 - To begin the exercise keep
yourback and bott feeton
the floor bobt les should be
bent the floorboth
bentata $45^{\circ}$
2. Extend the arms above your chest

3. The patner will hold the ball 3. The partner will hold the ball
above the athlets h hestas
target for the athlete to reach up L. Lift the shoulder blades off the floor and take the ball fom your
 Return to the ground and continue
taking the bal and handing it off for theng tequired repens



To begin the exerrise keep the
back and both feet on the floor both legs should be bentata $45^{\circ}$
2. Hold a power ball above the
chest with the a mms fully yxtended


Litt the shoulder blades off
the floor, and reach the ball the floor, and reach the ball
to touch the parthers hand
4. Ater touching the hand with


Once the shoulder blades touch
that athlete will lift up again
The partner will move their The partner will move their
hand to another spot


The sit-up and movement wiil
continuef for the required time linhale on the wired tin -. Iniale on the way down an
exhale o on the way up

. Laving flat on the back,
extend both amsto the extend both amm to the
sides with the feet of the
floor bent at

2. Keping the knees together
and bentat $90^{\circ}$, rotate the hips


§. Repeat previous step to the left focusing on keeping your
back flat and core tight
5. Itis inmortant to keep the
ball ata arms
tength throughout bal atarnslen Inhale on the way down and
exhale on the way up

JERK (STANDING) $\quad-\times 8$ throws
(T)

The first level forthis still will be to usea single cone. The ethlete will begin byiumping over the e one and
showing that they are abl to control the landing

They will then jump back kwards over the cone, again showing controv
 number ofreps. wil
cone on theirside


The athlete will then jump over the cone laterally showing that the
able to land under control

| DUMBEELL JERK | $-3 \times 55 / 4,62 / 4,65 / 3$ |
| :--- | :--- |




From the bottom, pivot from the
 Focus on the hamstring and glyteal
muscles performmint the worktoo
return to the stating position muscles performing the wowt
return to the statring position


Hold onto the bar using a clean grip and stand with the feet diriectly ynder
the hips with the knees slighty bent 2. Keeping the chest up and eyes
focused straight ahead, take in air focused straigh ahead,
and tighten the core

Begin the decent by setting the Bexin the decernt by seting the
hips back slighty to shift
toward the heels oward the heels Kepping the bar close tothe body
pivot from the hips to lower the ba pivot from the hipsto
oward the ground
5. Continue down keeping the core
 silightstretch in the hamstrings is felt - This point will be somewhere
between iust below the knee and the middlle of fthe shin


The athlete will take the assigned
grio. Narow Grio: hands inside
grip. Narrow Grip
shoulderwidth
 Allow your body to hang pric
doing the firstrepettion

Bend knees and cross your ankles
Have a aatner snot assist by Have apatner spot/assist pushing up on shins or low back
to a achieve the required number

BICEP CIRCLIT C: Cable Curl




sway the body trying to
up to the top position



20 YARD SPRINT

[^0]


PLANKS: Right Plank


1. Right elbow and forearm on
ground perpendicular to body $\begin{gathered}\text { 2. Head neutral, body flat, } \\ \text { no hip rise }\end{gathered} \quad$ 3. Left arm on hip

PLANKS : Left Plank
$-2 \times 25$ seconds


1. Left elbow and forearm on
ground perpendicular to body $\begin{gathered}\text { 2. Head neutral, body flat, } \\ \text { no hip rise }\end{gathered} \quad$ 3. Right arm on hip


The athlete will start with a sled
attach to the beibelt The weight
should to should be around $10-15 \%$ of the athiete buarl wieight at the hips rather than keeping on proper
unning form. Make sure the sled is dirid ouvt bendind the eathentet soit won sid out and dilit the ankkes of Athlete running next to your.


[^1] Way thrught the required
Use proper unning form

ROPES: One Foot In Every Hole

The athlete will un through the
ropes making sure that one foot his ropes making sure that one foot hits
each of the opens spaces in the ropes
Make sure the athletet is not
looking a the ropes as they looking at the ropes as the
move down the course

ROPES : Lateral Shuffle (IIky)


The athlete will face down on
the ight side of the ropess to begin the drill
The athete will movel laterally
across the ropes across the ropes making sure both
feet will atemately hiteach hole
3. Once the outside foot steps outside
3. Once the outside foot steps outsidd
of the both sests of foles ot the ropes
on the the outhte sets of h holes of the ropes
thexthole and satatyack int move laterally across
nex nexthole a ar
the hadder

3. The athlete will then follow with the 3. The athlete will then follow with th
left foot right for thhengoning lefl
stepping into the same hole 4. Ast the lefft foot tright f foot when going Asthe leff foot (right foot when going
left) trikes the ground the athlete
 Wilr rase thair fout silighty and

The athlete will then alterate between moving their ight foot in
and
and heir leff foototut of the holes in ateral movement
The scissoring action of the feet is the key to thn e trilli:Make sure the
athlete is not ocking at the ropes athete is not looking at the rope
they move downthe course
left when leading with th
facing down the ropes
. The athlete will begin by stepping into the first hole with their right foot
left when leading with the left leg)

B BAG DRILLS: One Foot In Each Hole


E
$\begin{aligned} & \text { The athlete will un over the bags } \\ & \text { making sure that one foot hits ead }\end{aligned}$
of the opun spacees between each of
he bags. Make sure the tathetet is
$\begin{aligned} & \text { looking at the bad } \\ & \text { down the line }\end{aligned}$

B BAG DRIILLS : Lateral Hugh Knee


$\qquad$


BBAG DRILLS: Sprint- Back Pedal



5. The movement begins with the
 with only their heels and
tocuning the ground
4. The athlete will slide their heels wieth the towelisludide theirh heals, as far as they can without allow
their gluese to touch the floor
5. When the athlete gets to a fully
extended positionthey will then cur
their legs back towards thei hips
their legs back towards their hips
When the fee are back underthe
knees they will slied back outto the
irst position continuue sliding
the heels formard and back for the
the heels forvard dand $b$ buct
recommended reps


Lie face up on a bench with eyes
directly below bar
directly below bar
Postion feet directly under the knees
with the hips, shoulders, and han flat on the bencho LLock in this position and deepepit
entire movement)
DUMBEELL ALT PRESS


Using a slighty yider than shoulder
width grip width g gip have a p
unracking the bar

- Take a ir in, tighten the core, and lower the e ar under ontrolo to a point even with orslightyty below the
nipppes, keeping the wists straight

5. Assoon as the bar touches the chest, darive
making sure to a achieveve full libow Extension, exhaling as the bar rises When executing the pause bench,
the athlete will llow the bart torem the athlete will lllow the bar to remain
in the bottom position (On the chest)

for a count before pressing the bar to
the finished position ne finished postion Do not allow the bar to sink into the
athletes chest. Kepp the core strong


6. Use the legs to help lift the dumbbells to shoulderlevel flat against the bench


Take air in. tithten the core, and press Take airin, tighten the eore, and press
the dumbill strightup overeal
tofulu llowow extensigion Lowerthe dumbbells under control
tothe starting posotitun, exh haling as
youl owerthe dumbels tothe starting position, exh
you lower the dumbenells

SHOULDER CIRCUIT A : Dumbbell Shrugs


Allow the dumbbels to hang at the
sidi, stand with the feet directly side, stand with the feet directiv
underne the hips with the knees
slighty bent

TRICEP CIRCUIT A: EZ Bar Extension


1. Using a 90 bench, sit upight with

Place a towel over your head and


MANUAL NECK: Forward
3. Begin with your neck straight, 4. Have yourpartner gently push the
head fowmard as yout uck the chin head formard as
and resist them

MANUAL NECK: Forward


Retur to the starting position by
moving the head back to center noving the head back to center whilie your patner gegity yesists
your movement, making sure not
extend the neck past center
. Using a $90^{\circ}$ bench, sit upight with
.. Place a towel overyour head and have a patrnes stand behind you
with their hands on y your forenead

9. Begin with your neck straight, 4. Move the head forward by tucking
the chin while your patner gently the chin while your patrn
resists your movement


Return to the starting position by having your partrner gently pull the head back toward center as you
resist them, making sure not to resist them, making sure not
extend the neck past center

MANUAL NECK: Side-To-Side
$-\times 5$ rep


1. Using a 90 bench, it upinght with 2. Place a towel over your head and have a partner stand behind
you with one hand on the side you with one hand on the side of
your head and the other on your yournead and the o ot
opposite shoulder

AGILITY CIRCUIT (refer to schedule for drill list)
$-2 \times 5$ drills, $20-30$ sec rest/2:00 min rest

#  <br> Stat with your hands sand knees on the floor Make suru thatyou are in a straiqht line from the back of youl a straight line from the back head to the end of your back <br>  <br> 2. Press your belly button up toy your spine and allow the back to to ise spine and allow the back tor up. Hold this position for two up. Hold this position for two counts of this movementhe <br> Now relax by slowly pushing your belly tall with youramems and leground dont $S$ tay actually ins tot the fluolersold this position for two counts. This is catitortion ofthe 




To begin the exerisisel lay with
the back flat against the eqround legs at 90\%, upper body in
cunched position

Extend right arm and left leg out
 Repaat same steps for
leff amm and ight leq


Remember to stay crunched
atall times
to the floor
5. Breathe normally as you exercise



To begin the movement lay flat on fouching togetherand knees pointed fouthing tog
of the floor

3. Extend both arms out as you reach yourfeet and then return to

LINEAR BURST SPEED: 0-Ste


The name 0-Step comes from the concept that this movement has
occurrad efore aturestep as been
take. The unioueness of this movement is thatititis detern
of how well the run will go 2. The movement begins with the athlete
coming out of the startstance or any
starting position or changge of direction 4. The Swipe and Cloak movement wiil
where acceleration is necerssary . As the athete pushes off their Front

help insure the straight body postitit that allows the athlete
efficiently as possible
5. The kne of the Drive Leg will be as paralle to the grounc Leg wivl bee pas The shin will be parallele to bodady position
the eves will still be looking down so

This coaching transition helps yout
 2. The markers will be eat s stens in which you want the athlete
not casting the shin

The 4 step markershould be a 5 -vards The 6 step marker will be between 8
and 10 - yards Iis important that you do not over becomes to obsessesed With counting
heir steps they will have a tendency to veverstride
the markers
.The best coaching system isto step patterm. Have the athetete push
as hard as possiblef for 2 -steps or 4-steps or 6 -stetess asa a coanch y yu are
monitoring how close to the markers monitoring ho

SPEED LADOER: One Foot In Each Hole


## The athlete will run through the speed laddermaking sure that one foot its each ofthe spaces in the adadder

Make sure the athete is no Make sure the athlete is not
looking athe speed ladder as
they move downthe course

SPEED LADDER: Two Feet In Each Hole


2. Make sure the eatletei is not Make sure the athiete is not
locking athe speed aldder
they move down the lecurse
3. The athlete ewill finish the dill by
sprinting 5 -yards past
$\qquad$


| 1. The athlete will have their right side (left when leading with the left leg) facing down the speed ladder | 3. The athlete will then follow with the left foot (right foot when going left stepping into the same hole | 4. As the left foot lright foot when going left) strikes the ground the athlete will raise their right knee lieft knee | 5. Continue this high knee step action for the rest of the drill. Make sure the athlete is not looking at the speed |
| :---: | :---: | :---: | :---: |
| 2. The athlete will begin by stepping into the first hole with their right foot (left when leading with the left leg) |  | when leading with the left leg) to hip height and step into the next hole | ladder as they move down the course <br> 6. The athlete will finish the drill by turning and sprinting 5 -yards past the ladder |



## SPEED LADDER: High Knee Step Dver



The athlete will start lined up on
The athitete wils start ined up on
the ights side of the speed ladde
facingdownt facingownth inght vertical line
fof hespoed ladder 2. The drill will commen
 leg with their ry
the first hole
SPEED LADDER: Two-In-Two-पut





Lie face up on a bench with eyes
directly below bar directly below bar with the hipes, shouldider, and head flat on the bench h LLork in this position and keep it
entire movement)
Using a slighty wider than shoulder
widith grip heve a partnerassist in width g gip have a p
unracking the bar

- Take air in, tithten the orre, a point even with ors slightity below apoint even with rrsightyty blow the
iipples, , eeping the wisists straight

- As soon as the bar touches the chest,
 When executing the pause bench,
the athlete will dllow the barto r the e tht ete will allow the bar to remain
in the bottom position (on the chest)
for a count beforep pres
the finished position
he finished osition Do not allow the bar to sink into the
othletes chest. Keep the corr stron
$30^{\circ}$ ALT DUMBEELL INCLINE


Adjust the bench to eithera $30^{\circ}$ angle ( Inotch uf
[2 2 notches up)
2. Lie face en on the bench with the dumbells sesting on the thigh bells resting on the thighs Position feet directly under the
with the hips, shoulders, and
 head flat on the bench (Lock inthis
position and keep ithrough the entire movement) Use the legs to thelp lift the
dumbeell toshouldid dumbbells to shoulderlevel then
fully extend the ams straight up 5. Kepping one arm extended straight
up, inhale and lower the opposite
dumbbell under ontrol ot the oute
part of the chestnear the armpit

keeping the wrist straight
Push the lowered dumbbel back
with the oth
you press

Maintain balance and the correct
Maintain balance and the correct
body position when transitioning between ams
Continue alterating dumbbells until the required number of frepetitions

SHOULDER CIRCUIT D: Dumbbell T-Drill


Keeping the arms straight, shrug
the dumbells straightu u using the traps as is ityring to to touch the the traps as iftrying
shoulders to the ear


Keeping the chest up and eyes
focused stright ahead, take in focused traitit anead,

Inhale and hold your breath as the
shrug beains and the exhale as you shrug begins and then exhale
return to the statring position


Pust the bar all the way down
through a full range of motion Pause fora count and then allow the


## TRICEP CIRCUIT D: Power Ball Push-Up


assume the on a powerb ball and assume the push-up position;
arms extender, , back flat, ooody
in arns extriented ine

Keeping the elbows in, lower the power ball and and then presess back power ball and then press
up to full ellow extension

. Using a $90^{\circ}$ bench, sit upight with
. Place a towel overyour head and have a pattrer stand behind you with
their hands on the back of your head
3. Begin with your neck straight, . Have your partner gently push the ad forward as youtuck the chin and resist them

5. Retur tot the starting position by
moving the head back to center
 While y yur partner gently resists
your movement, making sure not to Your movement, making gure
extend the neck past center


1. Using a $90^{\circ}$ bench, sit upright with

Bot not xitended backward
2. Place a towel over your head and have partnerstand behind you $\begin{aligned} & \text { 4. Move the head forward by tucking } \\ & \text { the chin while your partner gently }\end{aligned}$ have a partrerstatad behind you
with heir hands on y yur foreremead

5. Reurr to the starting position by having your partner gently pull the
head back toward center as you head back toward center as you
resistrem, making sure notto
extend t the neck past ctenter

1. Using a $90^{\circ}$ bench, sit upinght with
2. Place a towel over your head
and have a partres stand behind
you with one hand onthe side of
you with one hand on the side of your head and the
opposite shoulder
$-\times 2$ sets of $12,15-18$ sec rest $/ 2: 00$ min rest


The athete will spint for 20-vards.
They will rest for between $15-$ - 18

their second set. If at any time you
are having problems catching your
are having problems a atching your
breath or have any signs of distris
make sure you check w with your
make sure you check with your
athletic trainer and your coact

Begin with your neck straightand 5. Complete the required number of
have your pattrer gentrly pusht the
Reaturn to the stastating possition by
moving the head back to center
while your paatn While yourpar
movement

Complete the required number ref repetitions on one idde and the

20 YARD SPRINTS



To begin the exercise keep your
back and both feet on the floor
both legs should be bent ata $245^{\circ}$
2. Extend the amsm above your chest
3. The partner will hold the ball above he anheteses chestas as
target for the athletet to reach target for the at
up and touch

4. Litt the shoulder blades off the
floor and touch the ball, hold for 5. Inhale on the way down and exhale on the way up floor and touch the ball, holld for
a second, and return to the floor



3. The other athlitete will respond by turning and ireaching to their the firstathlete
ball the second athite will turn to theiritirght
handing the ball tot he first athlete

The athletes will continue the
rotation for the required number of Treation for the requirirad umber
reps and then will chnange the
direction in direction in which they were turning
THRUST (STANDING)

$\qquad$

BOUNDING




| SKI HOP | $-\times 15$ yards ( 60 hops) |
| :--- | :--- |



DUMBEELL JERK
$-4 \times 55 / 4,62 / 4,65 / 4$



ROMANIAN DEAD LIFT (RDL)
$-3 \times 55 / 4,55 / 4,55 / 4$


Keeping the chest up and eyes
Kepening the chest up and eves
focused stright thead, take in
focused straight ahea
and tighten the core
3. Begin the decent by setting the hepin back kilightyly
toward the heels
Kepping the bar losse to the body, pivitfrom the hips
tovard the ground
 This point will be somewhere This point will be somewhere
bewwenjust below the knee and the
middle oftheshin beiween just below then
middle of the shin

From the bottom, pivot from the Yipstoretust tothe statring position, exnaing as you ise Focus on the hansting and dulut
muscles performingthe workto
reeurnto the stating position

$-3 \times 8$



Fully xtend the arms overhead and grasp the barar using a widide evorernand
grip ( palms facing away from you)

-Pult the bar down in front of the
face to the shoulderblades toocetherer and pulling shoulder blades togethe
the elbow down G back



The athlete will take the assigned
gini.
shourdew w
Gipiph hands insidel gip. Narrow Gipip
shoulderw witth

Do not jump into the firstrepetition
Allow your body to hang priorto Allow your body to tang
doing the firstrepetition


Bend knes and cross your ankles Have apartner spot/assist by
pushing up on shins orrow back pushing up on shins orl low back
to achieve the required oumber
of repeetitions

BICEP CIRCUIT D: 27's




BICEP CIRCUIT D: BANDCURLS


An athlete will use a straight bar or
$E Z$ cur bar. The athlete will tart
 he weight tat the top of the lift. The way down the ams are a at a $90^{\circ}$ way down the ams are ata
angle) and t then back to the top

After completely finishing all seven
 bar to the thighs. The athlete will
then
noisist the babup to the halwwa thenraist the bar upto the haltwa and then returnit to
position seven times
3. The final sever reps will bea completeticeep cunt. Ieven harfway
down, plus seven half way up, plus down, pul seven half way up, p
seven fuil curls, equals


1. Hands 12 inches apart
2. Elbows underneath shoulders
3. Head neutral, body flat

4. Right elbow and forearm on
ground perpendicula to body $\begin{gathered}\text { 2. Head neetral, body flat, } \\ \text { no hip rise }\end{gathered} \quad$ 3. Left arm on hip

PLANKS: Left Plank


-The second dill will have the athlete The parthers will switch after the twa The parterss wil switch afterthe
reps. The next setwill have the
working athlete starting to the right of
the oron with the anchor athlete
null pulling the cord tight $(5-$--vards $)$ as
they stand behind
the working athlete

The working athletet will begin the e riill
by back pededaling towarts the a nchor by back pedaling towards the anchor
on a cue the ath lete will spoint on a cuu the atinete will spint
toward the cone breaking down
and
inside foot. The athlete will switch
sides to fofisist this set Conter sides to finish this set. Continue the
rotation of reps with the anchor for rotation of reps with the anc
the required numbers of reps

$$
\text { DYNAMIC SPEED: } 10 \text { Yard Zig-Zag Run } \quad-2 \times 30 \text { yards }
$$



1. The athlete will sprint fiom the
statring cone to to fh first cone

## When the eathlete gets tothe first cone they buyll <br> they will cut off their ou burstot the next cone

## ROPES : One Faot In Ever y Hole





The atlele will have ther riphts side

Theathele will beging tespoping


ROPES: Two Foot Hops


$$
\begin{aligned}
& \begin{array}{l}
\text { The athlete will beginthe dinl by } \\
\text { facing counntre speed lader } \\
\text { and }
\end{array}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 4.This inand outhopging will eontinue }
\end{aligned}
$$

> 5. The athlete will finish the drill by
> sprinting $5-$-vards past the ropes

. Lateral > Lateral > Sprint

## 4-BAG DRILLS: Lateral-Sprint-Sprint




$$
E \equiv
$$

1. Lateral > Zig-Zag > Spint



BENCH


Lie face up on a bench with eyes
directly below bar
directly below bar
Postion feeturirecty under the knees
with the hips, shoulders, and the flat on the benchoh LLock in this position and keep
entire movement)
3. Uing a sigintlywider than shoulder wnracking the bar

- Take air in. tithten the core, a point even with or slightity below apointeven with orsightyly below the
nipples,


DUMBBELL ALT PRESS
5. As soon as the bar touches the chest, making sure to achieve futu llow extension, exhaling as the bar rises
ent When executing the pause bench, the athe ett will lalow the earto remain
in the bottom position (on the ehest)
for a count before pressing the barto he finished position Do notallow the bar to sink into the
thletes chest. Keep the core stro

 extended, feet directly under th
knees, and the back straight
Draw a figur-8 from side to side
with the plate hy allowing one hand with the plate by allow
to rotate over the top
. Move the plate using only the arms


SHUULUER LIRLUIT B: PLATE CIRCUIT: Seated Plate Front Raise

 feet directy ynder the
8. Keeping the arms strighth raise the
 plate to tos
a count

Keeping the chest up and eyes
focused straight ahead, take in ai focuses straight ane
and tighten the core


Using a $90^{\circ}$ bench, sit holdinga
plate if front of the chestwith he feet directly underth
and the back straight

SHOULDER CIRCUIT B: PLATE CIRCUIT : Seated Plate Punch

$3 \times 20$



- This exercise will start with the

2. The athlete will rase their ams ss

 the eround and the elomws are staight out from the shoulderis TRICEP CIRCUIT B : PUSH-UP COMPLEX : Bench Push-Up
3. No matter which way the hands are wumed the movementis the same
The athlete will push their llows lack tying topinch the sca (shoulder blades together) The movenetw bibe of good pace, movementa a coach can puta t finger

between the shoulders blades of the player and te
them together



TRICEP CIRCUIT B: PUSH-UP COMPLEX: Power Ball Push-Up
$-3 \times 20 / 15 / 10$


1. Place hands on a powerbbll and
assume the pushh-up position;
arms extended, back flat, body assume the eush--up position;
arms sxtendentroct back flat, body
in a straight line in a straight ine

Keping the elbows in, lowerthe
body untit the chest ouches the body yuntil the e chest touches the
powerbal and
popto to full ellowow extenssis back

TRICEP CIRCUIT B: Dips


MANUAL NECK: Backward

. Using a 90 bench, sit upright with 2. Place a towel over your head and have a partner stand behind you with
their hands on the back of your head
3. Begin with your neck straight, . Have your partner gently push the ead formard as you tuck the chin

5. Return to the starting position by moving the head back to conter
 your movement, making sure
extend the neck pastcenter

3. Begin with your neck straight, not extended backward
Move the head forward by tuc Move the head forward by tucking
the chin while your partner genty the chin while your partner
resists your movement
 Return to the statring position by
having yur parne gentivpull the
head back townd
.


1. Using a a0 bench, sit upight with
2. Place a towel over your head and

MANUAL NECK: Side-To-Side

. Using a 90 bench, sit upright with
3. Place a towel over your head
and have a aratruerstand dehin you with one hand on the side of opposite shoulder
4. Begin with your neck straightand Begin with hourneck straight and
have your pather gently push the
head tot head to the sidid as you roussist them Return tothe starting position by
moving the head backto center while your natrad ber gently centesists your movement


The athlete will run a linear distance The distance is specific to each
athletet. Offensivi Linemen,
Defensive Linemen Defensive Linemen will run 40 -yards.
inebackers, Tight
nnds, Quarterbacksk, and Specialist kicikers



each distance for each position.
After running
the erunning yhit required distance of rest. Atter running their first
set of runs they $\begin{aligned} & \text { ill take between }\end{aligned}$
minutes and 30 seconds and 3 minutes (ddependeontusonthe
running schedule) If fatany ime unnings ccheduldel).Ifa ant ant ite
you are having problems catching you are having problems catchin
your breath or have any signs of distress make sure you check with
your athletic trainer and y yur coach

MAX WEIGHT LIFTING RANGES
FOR ATHLETES WHO DO NOT KNOW THEIR MAXES，USE THIS CHART AS A GUIDE．

| BロロY TYPE | HANG CLEAN／ PDWER CLEAN | BENCH | SПШАТ |
| :---: | :---: | :---: | :---: |
| HEAVY－ WEIGHT | 230－250 lbs | 275－300 lbs | 400－450 lbs |
| MIDDLE－ WEIGHT | 200－235 lbs | 225－275 lbs | 350－400 lbs |
| LIGHT－ WEIGHT | 185－200 lbs | 200－225 lbs | 275－350 lbs |
| FLYWEIGHT | 45－185 lbs | 45－200 lbs | 45－275 lbs |

Maxes from these three lifts will determine all of the major movement maxes
HANG CLEAN／PUWER CLEAN MAX WILL BE USED Tロ FIGURE
Dlympic Lifts（Hang Clean／Hang Snatch／Clean Pull／Dumbbell Jerk）
Ine Legged Lifts（Box Step－up and One Legged Squat）
bench press max will be usen to be used to figure：
All Pressing：（Bench Press，Bench Press（Pause）／ 30 and 45－degree Incline Bench／Dumbbell Flat Bench／ 30 and 45－degree Dumbbell Bench and all Alternating Dumbbell Pressing Actions／Shoulder Press／Dumbbell Shoulder Press and all Alternating Dumbbell Pressing Actions．
SDUAT MAX WILL BE USED TO FIGURE：
Back Squat and Front Squat

One repetition maxing is not necessary to run this or any ther program．The strength ranges are relative to size and body strength that the athlete shows during norma workouts．If a wide receiver can handle more weight by howing his ability to have great technique and speed showing his ability to have great technique and speed strength level．
ften times with younger athletes，the bigger athletes are not always the strongest．If this is the case for your bigge athletes，allow them to move to a lower strength until they are able to show great technique and speed of movement． Once these two major areas are accomplished，the athlete can move up to a higher strength level．


PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 Seconds between sets.

| LBS | 20\% | 22.5\% | 25\% | 27\% | LBS | 20\% | 22.5\% | 25\% | 27\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 20 | 20 | 25 | 30 | 310 | 65 | 70 | 80 | 80 |
| 110 | 20 | 25 | 30 | 30 | 320 | 65 | 75 | 80 | 85 |
| 120 | 25 | 30 | 30 | 35 | 330 | 70 | 75 | 80 | 85 |
| 130 | 25 | 30 | 30 | 25 | 340 | 70 | 80 | 85 | 90 |
| 140 | 30 | 30 | 35 | 40 | 350 | 70 | 80 | 90 | 95 |
| 150 | 30 | 35 | 40 | 40 | 360 | 75 | 80 | 90 | 95 |
| 160 | 30 | 35 | 40 | 40 | LBS | 30\% | 32.5\% | 35\% | 37.5\% |
| 170 | 35 | 40 | 40 | 45 | 100 | 30 | 35 | 35 | 40 |
| 180 | 35 | 40 | 45 | 50 | 110 | 35 | 35 | 40 | 40 |
| 190 | 40 | 40 | 45 | 50 | 120 | 40 | 40 | 45 | 45 |
| 200 | 40 | 45 | 50 | 55 | 130 | 40 | 40 | 45 | 50 |
| 210 | 40 | 45 | 50 | 55 | 140 | 40 | 45 | 50 | 50 |
| 220 | 45 | 50 | 55 | 60 | 150 | 50 | 50 | 50 | 50 |
| 240 | 50 | 55 | 60 | 65 | 160 | 50 | 50 | 55 | 60 |
| 250 | 50 | 55 | 65 | 65 | 170 | 50 | 55 | 60 | 60 |
| 260 | 52 | 60 | 65 | 70 | 180 | 55 | 60 | 60 | 70 |
| 270 | 55 | 60 | 70 | 75 | 190 | 60 | 60 | 65 | 70 |
| 280 | 55 | 65 | 70 | 75 | 200 | 60 | 65 | 70 | 75 |
| 290 | 60 | 65 | 75 | 80 | 210 | 65 | 70 | 70 | 70 |
| 300 | 60 | 70 | 75 | 80 | 220 | 65 | 70 | 80 | 80 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 30\% | 32.5\% | 35\% | 37\% | LBS | 40\% | 42.5\% | 45\% | 47\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 230 | 70 | 75 | 80 | 85 | 170 | 60 | 75 | 80 | 85 |
| 240 | 70 | 80 | 85 | 90 | 180 | 70 | 75 | 80 | 85 |
| 250 | 75 | 80 | 90 | 90 | 190 | 70 | 80 | 85 | 90 |
| 260 | 80 | 85 | 90 | 100 | 200 | 80 | 85 | 90 | 95 |
| 270 | 80 | 90 | 95 | 100 | 210 | 85 | 90 | 95 | 100 |
| 280 | 85 | 90 | 100 | 105 | 220 | 90 | 95 | 95 | 100 |
| 290 | 85 | 95 | 100 | 110 | 230 | 90 | 100 | 105 | 110 |
| 300 | 90 | 100 | 105 | 110 | 240 | 95 | 100 | 110 | 115 |
| 310 | 95 | 100 | 110 | 115 | 250 | 100 | 105 | 110 | 120 |
| 320 | 95 | 105 | 115 | 120 | 260 | 105 | 110 | 115 | 125 |
| 330 | 100 | 110 | 115 | 125 | 270 | 110 | 115 | 120 | 130 |
| 340 | 100 | 110 | 120 | 130 | 280 | 110 | 120 | 135 | 135 |
| LBS | 40\% | 42.5\% | 45\% | 47\% | 290 | 115 | 125 | 130 | 140 |
| 100 | 40 | 45 | 45 | 50 | 300 | 120 | 130 | 135 | 145 |
| 110 | 40 | 50 | 50 | 55 | 310 | 125 | 130 | 140 | 150 |
| 120 | 45 | 50 | 55 | 55 | 320 | 130 | 135 | 145 | 150 |
| 130 | 50 | 55 | 60 | 60 | 330 | 135 | 140 | 150 | 155 |
| 140 | 50 | 60 | 60 | 65 | 340 | 140 | 145 | 155 | 160 |
| 150 | 55 | 65 | 70 | 70 | 350 | 140 | 150 | 160 | 165 |
| 160 | 60 | 70 | 70 | 80 | 360 | 145 | 155 | 160 | 170 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 50\% | 52.5\% | 55\% | 57\% | LBS | 50\% | 52.5\% | 55\% | 57\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 50 | 55 | 55 | 60 | 200 | 100 | 105 | 110 | 15 |
| 105 | 55 | 55 | 60 | 60 | 205 | 100 | 105 | 110 | 115 |
| 110 | 55 | 60 | 60 | 65 | 210 | 105 | 110 | 115 | 120 |
| 115 | 60 | 60 | 65 | 65 | 215 | 110 | 110 | 120 | 120 |
| 120 | 60 | 65 | 65 | 70 | 220 | 110 | 115 | 120 | 125 |
| 125 | 60 | 65 | 70 | 70 | 225 | 110 | 120 | 120 | 130 |
| 130 | 65 | 70 | 70 | 75 | 230 | 115 | 120 | 125 | 130 |
| 135 | 70 | 70 | 75 | 75 | 235 | 120 | 120 | 130 | 135 |
| 140 | 70 | 75 | 75 | 80 | 240 | 120 | 120 | 130 | 140 |
| 145 | 70 | 75 | 80 | 80 | 245 | 120 | 125 | 135 | 140 |
| 150 | 75 | 80 | 85 | 85 | 250 | 125 | 130 | 140 | 145 |
| 155 | 80 | 80 | 85 | 90 | 255 | 130 | 130 | 140 | 145 |
| 160 | 80 | 85 | 90 | 95 | 260 | 130 | 130 | 145 | 150 |
| 165 | 80 | 85 | 90 | 95 | 265 | 130 | 135 | 145 | 150 |
| 170 | 85 | 90 | 95 | 100 | 270 | 135 | 140 | 150 | 155 |
| 175 | 90 | 90 | 95 | 100 | 275 | 135 | 140 | 150 | 155 |
| 180 | 90 | 95 | 100 | 105 | 280 | 140 | 145 | 155 | 160 |
| 185 | 90 | 95 | 100 | 105 | 285 | 140 | 145 | 160 | 160 |
| 190 | 95 | 100 | 105 | 110 | 290 | 145 | 150 | 160 | 165 |
| 195 | 100 | 100 | 110 | 110 | 295 | 145 | 150 | 165 | 170 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 50\% | 52.5\% | 55\% | 57\% | LBS | 50\% | 52.5\% | 55\% | 57\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 300 | 150 | 160 | 165 | 170 | 400 | 200 | 210 | 220 | 230 |
| 305 | 150 | 160 | 165 | 175 | 405 | 200 | 210 | 220 | 230 |
| 310 | 155 | 165 | 170 | 180 | 410 | 205 | 215 | 225 | 235 |
| 315 | 155 | 165 | 175 | 180 | 415 | 205 | 215 | 230 | 235 |
| 320 | 160 | 170 | 175 | 185 | 420 | 210 | 220 | 230 | 240 |
| 325 | 160 | 170 | 180 | 185 | 425 | 210 | 220 | 235 | 240 |
| 330 | 165 | 175 | 180 | 185 | 430 | 215 | 225 | 235 | 245 |
| 335 | 165 | 175 | 185 | 190 | 435 | 215 | 225 | 240 | 245 |
| 340 | 170 | 180 | 185 | 195 | 440 | 220 | 230 | 240 | 255 |
| 345 | 170 | 180 | 190 | 195 | 445 | 220 | 230 | 245 | 255 |
| 350 | 175 | 185 | 190 | 200 | 450 | 225 | 235 | 250 | 260 |
| 355 | 175 | 185 | 195 | 200 | 455 | 225 | 235 | 250 | 260 |
| 360 | 180 | 190 | 200 | 205 | 460 | 230 | 240 | 255 | 265 |
| 365 | 180 | 190 | 200 | 210 | 465 | 230 | 240 | 255 | 265 |
| 370 | 185 | 195 | 205 | 215 | 470 | 235 | 245 | 260 | 270 |
| 375 | 185 | 195 | 205 | 215 | 475 | 235 | 245 | 260 | 270 |
| 380 | 190 | 200 | 210 | 215 | 480 | 240 | 250 | 265 | 275 |
| 385 | 190 | 200 | 210 | 220 | 485 | 240 | 250 | 265 | 275 |
| 390 | 195 | 205 | 215 | 225 | 490 | 245 | 255 | 270 | 280 |
| 395 | 195 | 205 | 215 | 225 | 495 | 245 | 255 | 270 | 280 |
|  |  |  |  |  | 500 | 250 | 265 | 275 | 290 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 60\% | 62.5\% | 65\% | 67\% | LBS | 60\% | 62.5\% | 65\% | 67\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 60 | 62 | 65 | 67 | 200 | 120 | 125 | 130 | 135 |
| 105 | 65 | 65 | 70 | 70 | 205 | 120 | 130 | 135 | 140 |
| 110 | 65 | 70 | 70 | 75 | 210 | 125 | 130 | 135 | 140 |
| 115 | 70 | 70 | 75 | 75 | 215 | 130 | 135 | 140 | 145 |
| 120 | 70 | 75 | 80 | 80 | 220 | 130 | 140 | 145 | 150 |
| 125 | 75 | 75 | 80 | 85 | 225 | 135 | 140 | 145 | 150 |
| 130 | 80 | 80 | 85 | 85 | 230 | 140 | 145 | 150 | 155 |
| 135 | 80 | 85 | 85 | 90 | 235 | 140 | 145 | 150 | 160 |
| 140 | 85 | 85 | 90 | 95 | 240 | 145 | 150 | 155 | 160 |
| 145 | 85 | 90 | 95 | 95 | 245 | 150 | 150 | 160 | 165 |
| 150 | 90 | 95 | 95 | 100 | 250 | 150 | 155 | 160 | 170 |
| 155 | 95 | 95 | 100 | 105 | 255 | 155 | 160 | 165 | 170 |
| 160 | 95 | 100 | 105 | 105 | 260 | 155 | 160 | 170 | 175 |
| 165 | 100 | 100 | 105 | 110 | 265 | 160 | 165 | 170 | 175 |
| 170 | 100 | 105 | 110 | 115 | 270 | 160 | 170 | 175 | 180 |
| 175 | 105 | 110 | 115 | 115 | 275 | 165 | 170 | 180 | 185 |
| 180 | 110 | 110 | 115 | 120 | 280 | 170 | 175 | 180 | 190 |
| 185 | 110 | 115 | 120 | 125 | 285 | 170 | 175 | 185 | 190 |
| 190 | 115 | 115 | 125 | 125 | 290 | 175 | 180 | 190 | 195 |
| 195 | 115 | 120 | 125 | 130 | 295 | 175 | 180 | 190 | 195 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 60\% | 62.5\% | 65\% | 67\% | LBS | 60\% | 62.5\% | 65\% | 67\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 300 | 180 | 190 | 195 | 200 | 400 | 240 | 250 | 260 | 270 |
| 305 | 185 | 190 | 200 | 205 | 405 | 245 | 250 | 265 | 270 |
| 310 | 185 | 195 | 200 | 210 | 410 | 245 | 255 | 265 | 275 |
| 315 | 190 | 195 | 205 | 210 | 415 | 250 | 255 | 270 | 280 |
| 320 | 190 | 200 | 210 | 215 | 420 | 250 | 265 | 275 | 285 |
| 325 | 195 | 200 | 210 | 215 | 425 | 255 | 265 | 275 | 285 |
| 330 | 200 | 205 | 215 | 220 | 430 | 260 | 270 | 280 | 290 |
| 335 | 200 | 205 | 215 | 225 | 435 | 260 | 270 | 280 | 290 |
| 340 | 205 | 215 | 220 | 230 | 440 | 265 | 275 | 285 | 295 |
| 345 | 205 | 215 | 225 | 230 | 445 | 265 | 275 | 290 | 300 |
| 350 | 210 | 220 | 230 | 235 | 450 | 270 | 280 | 290 | 305 |
| 355 | 215 | 220 | 230 | 235 | 455 | 275 | 280 | 295 | 305 |
| 360 | 215 | 225 | 235 | 245 | 460 | 275 | 290 | 300 | 310 |
| 365 | 220 | 225 | 235 | 245 | 465 | 280 | 290 | 300 | 310 |
| 370 | 220 | 230 | 240 | 250 | 470 | 280 | 295 | 305 | 315 |
| 375 | 225 | 230 | 245 | 250 | 475 | 285 | 295 | 310 | 320 |
| 380 | 230 | 240 | 245 | 255 | 480 | 290 | 300 | 310 | 325 |
| 385 | 230 | 240 | 250 | 255 | 485 | 290 | 300 | 315 | 325 |
| 390 | 235 | 245 | 255 | 265 | 490 | 295 | 305 | 320 | 330 |
| 395 | 235 | 245 | 255 | 265 | 495 | 295 | 305 | 320 | 330 |
|  |  |  |  |  | 500 | 300 | 315 | 325 | 340 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 70\% | 72.5\% | 75\% | 77\% | LBS | 70\% | 72.5\% | 75\% | 77\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 70 | 70 | 75 | 80 | 200 | 140 | 145 | 150 | 155 |
| 105 | 75 | 75 | 80 | 80 | 205 | 145 | 150 | 155 | 155 |
| 110 | 80 | 80 | 80 | 85 | 210 | 145 | 150 | 155 | 160 |
| 115 | 80 | 80 | 85 | 90 | 215 | 150 | 155 | 160 | 165 |
| 120 | 85 | 85 | 90 | 90 | 220 | 155 | 160 | 165 | 170 |
| 125 | 90 | 90 | 95 | 95 | 225 | 155 | 160 | 170 | 170 |
| 130 | 90 | 95 | 100 | 100 | 230 | 160 | 165 | 170 | 175 |
| 135 | 95 | 100 | 100 | 105 | 235 | 165 | 170 | 175 | 175 |
| 140 | 100 | 100 | 105 | 110 | 240 | 170 | 170 | 180 | 185 |
| 145 | 100 | 105 | 110 | 110 | 245 | 170 | 175 | 185 | 190 |
| 150 | 105 | 110 | 110 | 115 | 250 | 175 | 180 | 185 | 190 |
| 155 | 110 | 110 | 115 | 115 | 255 | 180 | 185 | 190 | 190 |
| 160 | 110 | 115 | 120 | 120 | 260 | 180 | 185 | 195 | 200 |
| 165 | 115 | 120 | 125 | 125 | 265 | 185 | 190 | 200 | 205 |
| 170 | 120 | 120 | 125 | 130 | 270 | 190 | 195 | 200 | 205 |
| 175 | 120 | 125 | 130 | 135 | 275 | 190 | 200 | 205 | 210 |
| 180 | 125 | 130 | 135 | 140 | 280 | 195 | 200 | 210 | 215 |
| 185 | 130 | 135 | 140 | 140 | 285 | 200 | 205 | 215 | 220 |
| 190 | 135 | 140 | 145 | 150 | 290 | 205 | 210 | 215 | 225 |
| 195 | 135 | 140 | 145 | 150 | 295 | 205 | 210 | 220 | 225 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 70\% | 72.5\% | 75\% | 77\% | LBS | 70\% | 72.5\% | 75\% | 77\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 300 | 210 | 215 | 225 | 230 | 400 | 280 | 290 | 300 | 310 |
| 305 | 215 | 220 | 230 | 235 | 405 | 285 | 290 | 305 | 310 |
| 310 | 215 | 225 | 230 | 240 | 410 | 285 | 295 | 310 | 320 |
| 315 | 220 | 225 | 235 | 240 | 415 | 290 | 300 | 310 | 320 |
| 320 | 225 | 230 | 240 | 245 | 420 | 295 | 305 | 315 | 325 |
| 325 | 225 | 235 | 245 | 250 | 425 | 295 | 305 | 320 | 325 |
| 330 | 230 | 235 | 245 | 255 | 430 | 300 | 310 | 320 | 335 |
| 335 | 235 | 240 | 250 | 255 | 435 | 305 | 315 | 325 | 335 |
| 340 | 240 | 245 | 255 | 260 | 440 | 310 | 320 | 330 | 340 |
| 345 | 240 | 250 | 260 | 265 | 445 | 310 | 320 | 335 | 340 |
| 350 | 245 | 255 | 260 | 270 | 450 | 315 | 325 | 340 | 350 |
| 355 | 250 | 255 | 265 | 275 | 455 | 320 | 325 | 340 | 350 |
| 360 | 250 | 260 | 270 | 280 | 460 | 320 | 335 | 345 | 355 |
| 365 | 255 | 260 | 275 | 280 | 465 | 325 | 335 | 350 | 360 |
| 370 | 260 | 270 | 280 | 285 | 470 | 330 | 340 | 350 | 365 |
| 375 | 260 | 270 | 280 | 290 | 475 | 330 | 340 | 355 | 365 |
| 380 | 265 | 275 | 285 | 295 | 480 | 335 | 350 | 360 | 370 |
| 385 | 270 | 275 | 290 | 295 | 485 | 340 | 350 | 365 | 375 |
| 390 | 275 | 285 | 295 | 300 | 490 | 345 | 355 | 370 | 380 |
| 395 | 275 | 285 | 295 | 305 | 495 | 345 | 355 | 370 | 380 |
|  |  |  |  |  | 500 | 350 | 365 | 375 | 390 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| Les | 80\% | 82.5\% | 85\% | 87\% | LBS | 80\% | 82.5\% | 85\% | 87\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 80 | 85 | 85 | 90 | 200 | 160 | 165 | 170 | 175 |
| 105 | 85 | 85 | 90 | 90 | 205 | 165 | 170 | 175 | 180 |
| 110 | 90 | 90 | 95 | 95 | 210 | 170 | 175 | 180 | 185 |
| 115 | 90 | 90 | 95 | 100 | 215 | 170 | 175 | 180 | 190 |
| 120 | 95 | 100 | 100 | 105 | 220 | 175 | 180 | 185 | 195 |
| 125 | 100 | 100 | 105 | 110 | 225 | 180 | 185 | 190 | 195 |
| 130 | 105 | 105 | 110 | 115 | 230 | 185 | 190 | 195 | 200 |
| 135 | 110 | 110 | 115 | 120 | 235 | 190 | 195 | 200 | 205 |
| 140 | 110 | 115 | 120 | 125 | 240 | 190 | 200 | 205 | 210 |
| 145 | 120 | 125 | 125 | 130 | 245 | 195 | 200 | 210 | 210 |
| 150 | 120 | 125 | 130 | 130 | 250 | 200 | 205 | 210 | 220 |
| 155 | 125 | 130 | 130 | 135 | 255 | 200 | 210 | 215 | 220 |
| 160 | 130 | 130 | 135 | 140 | 260 | 210 | 215 | 220 | 230 |
| 165 | 130 | 135 | 140 | 145 | 265 | 210 | 215 | 225 | 230 |
| 170 | 135 | 140 | 145 | 150 | 270 | 215 | 225 | 230 | 235 |
| 175 | 140 | 145 | 150 | 150 | 275 | 220 | 225 | 235 | 240 |
| 180 | 145 | 150 | 155 | 155 | 280 | 225 | 230 | 240 | 245 |
| 185 | 150 | 150 | 160 | 160 | 285 | 230 | 235 | 240 | 245 |
| 190 | 150 | 155 | 160 | 165 | 290 | 230 | 240 | 245 | 255 |
| 195 | 155 | 160 | 165 | 170 | 295 | 235 | 240 | 250 | 255 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 80\% | 82.5\% | 85\% | 87\% | LBS | 80\% | 82.5\% | 85\% | 87\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 300 | 240 | 250 | 255 | 265 | 400 | 320 | 330 | 340 | 350 |
| 305 | 245 | 250 | 260 | 265 | 405 | 325 | 330 | 345 | 350 |
| 310 | 250 | 255 | 265 | 270 | 410 | 330 | 340 | 350 | 360 |
| 315 | 250 | 260 | 265 | 275 | 415 | 330 | 340 | 350 | 360 |
| 320 | 255 | 265 | 270 | 280 | 420 | 335 | 345 | 360 | 370 |
| 325 | 260 | 265 | 275 | 280 | 425 | 340 | 350 | 360 | 370 |
| 330 | 265 | 270 | 280 | 290 | 430 | 345 | 355 | 365 | 375 |
| 335 | 270 | 275 | 285 | 290 | 435 | 350 | 355 | 370 | 380 |
| 340 | 270 | 280 | 290 | 300 | 440 | 350 | 365 | 375 | 385 |
| 345 | 275 | 280 | 295 | 300 | 445 | 355 | 365 | 380 | 385 |
| 350 | 280 | 290 | 300 | 305 | 450 | 360 | 370 | 380 | 395 |
| 355 | 285 | 290 | 300 | 310 | 455 | 365 | 375 | 385 | 395 |
| 360 | 290 | 295 | 305 | 315 | 460 | 370 | 380 | 390 | 405 |
| 365 | 290 | 300 | 310 | 315 | 465 | 370 | 380 | 395 | 405 |
| 370 | 295 | 305 | 315 | 325 | 470 | 375 | 390 | 400 | 410 |
| 375 | 300 | 305 | 320 | 325 | 475 | 380 | 390 | 405 | 415 |
| 380 | 305 | 315 | 325 | 335 | 480 | 385 | 395 | 410 | 420 |
| 385 | 310 | 315 | 325 | 335 | 485 | 390 | 395 | 410 | 420 |
| 390 | 310 | 320 | 330 | 340 | 490 | 390 | 405 | 415 | 430 |
| 395 | 315 | 325 | 335 | 340 | 495 | 395 | 405 | 415 | 430 |
|  |  |  |  |  | 500 | 400 | 415 | 425 | 440 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 90\% | 92.5\% | 95\% | 97\% | LBS | 90\% | 92.5\% | 95\% | 97\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 90 | 95 | 95 | 95 | 205 | 185 | 190 | 195 | 200 |
| 105 | 95 | 95 | 100 | 100 | 210 | 190 | 195 | 200 | 205 |
| 115 | 100 | 105 | 110 | 110 | 215 | 195 | 200 | 205 | 210 |
| 120 | 110 | 110 | 115 | 115 | 220 | 200 | 205 | 210 | 215 |
| 125 | 110 | 115 | 120 | 120 | 225 | 210 | 210 | 215 | 220 |
| 130 | 115 | 120 | 125 | 125 | 230 | 205 | 210 | 220 | 225 |
| 135 | 120 | 125 | 130 | 130 | 235 | 210 | 215 | 225 | 230 |
| 140 | 125 | 130 | 135 | 135 | 240 | 215 | 220 | 230 | 235 |
| 145 | 130 | 135 | 140 | 140 | 245 | 220 | 225 | 230 | 240 |
| 150 | 135 | 140 | 145 | 145 | 250 | 225 | 230 | 240 | 245 |
| 155 | 140 | 140 | 150 | 150 | 255 | 230 | 235 | 240 | 250 |
| 160 | 145 | 145 | 150 | 150 | 260 | 235 | 240 | 245 | 255 |
| 165 | 150 | 150 | 155 | 160 | 265 | 240 | 245 | 250 | 255 |
| 170 | 155 | 155 | 160 | 165 | 270 | 245 | 250 | 255 | 265 |
| 175 | 160 | 160 | 165 | 170 | 275 | 245 | 255 | 260 | 265 |
| 180 | 160 | 165 | 170 | 175 | 280 | 250 | 260 | 265 | 275 |
| 185 | 165 | 170 | 175 | 180 | 285 | 255 | 260 | 270 | 275 |
| 190 | 170 | 175 | 180 | 185 | 290 | 260 | 270 | 275 | 285 |
| 195 | 175 | 180 | 185 | 190 | 295 | 265 | 270 | 280 | 285 |
| 200 | 180 | 185 | 190 | 195 | 300 | 270 | 280 | 285 | 295 |

PERCENT-DF-MAX CHARTS
ensure that you work maximally during your lifts and rest for 45 seconds between sets.

| LBS | 90\% | 92.5\% | 95\% | 97\% |
| :---: | :---: | :---: | :---: | :---: |
| 305 | 275 | 280 | 290 | 295 |
| 310 | 280 | 285 | 295 | 300 |
| 315 | 285 | 290 | 300 | 305 |
| 320 | 290 | 295 | 305 | 310 |
| 325 | 290 | 300 | 310 | 315 |
| 330 | 295 | 305 | 315 | 320 |
| 335 | 300 | 310 | 320 | 325 |
| 340 | 305 | 315 | 325 | 330 |
| 345 | 310 | 315 | 325 | 335 |
| 350 | 315 | 325 | 330 | 340 |
| 355 | 320 | 325 | 335 | 345 |
| 360 | 325 | 335 | 340 | 350 |
| 365 | 330 | 335 | 345 | 355 |
| 370 | 330 | 340 | 350 | 360 |
| 375 | 335 | 345 | 355 | 365 |
| 380 | 340 | 350 | 360 | 370 |
| 385 | 345 | 355 | 365 | 375 |
| 390 | 350 | 360 | 370 | 280 |
| 395 | 355 | 365 | 375 | 385 |
| 400 | 360 | 370 | 380 | 390 |


| LBS | 90\% | 92.5\% | 95\% | 97\% |
| :---: | :---: | :---: | :---: | :---: |
| 405 | 365 | 370 | 385 | 390 |
| 420 | 380 | 390 | 400 | 410 |
| 425 | 380 | 390 | 405 | 410 |
| 430 | 390 | 400 | 410 | 420 |
| 435 | 390 | 400 | 415 | 420 |
| 440 | 395 | 405 | 420 | 430 |
| 445 | 400 | 410 | 420 | 430 |
| 450 | 405 | 415 | 430 | 440 |
| 455 | 410 | 420 | 430 | 440 |
| 460 | 415 | 425 | 440 | 450 |
| 465 | 420 | 425 | 440 | 450 |
| 470 | 425 | 435 | 445 | 460 |
| 475 | 425 | 435 | 450 | 460 |
| 480 | 430 | 445 | 455 | 470 |
| 485 | 435 | 445 | 460 | 470 |
| 490 | 440 | 455 | 465 | 480 |
| 495 | 445 | 455 | 470 | 480 |
| 500 | 450 | 465 | 475 | 490 |


[^0]:    The athlete will spinint for 20-vards.
    They will rest for between $15-18$ they will rest for between $15-18$ After unning the firsts sethe athlitete
    will take 2 minutes befor they start
    their second set. If at any $t$ ime you
    are having pobblimm satchiny yur
    reat are having problems ciathing your
    reath or have any sings of of istress make surre you check with you
    athletict trineranand your coach

[^1]:     will. jerk the se teth cord er when slack they that sart Make sure the atheter rns al of the

