## Week 1 <br> Sunday

- Swim 30 min
- Swim relaxed and smooth
- Run 20 min
- Run easy on flat


## PRO TIPS

- Welcome to double days - you'll have many on your road to Ironman
- You can do this swim/run back to back or do one in the AM and one later in the day
- Make sure you go into each run with energy and a positive attitude


## Monday

- Run 30 min
- Total comfort the whole way
- Focus on a tall, proud posture
- Stretch 12 ' after run


## PRO TIPS

Stretch after every workout

- Include quads, hamstrings, calves, lliotibial band (ITB)


## Tuesday

- Swim 35 min
- Swim easy and prioritize technique.


## PRO TIPS

- Job one is to keep body level at the surface of the water, keep legs from sinking but not via a hard kick
- Stay level with a) a deeper head position
- Stay level with b) angling the lead arm a bit deeper
- Stay level with c) leaning on upper chest


## Wednesday

- Ride 60 min
- After easy warm up, hold steady comfy pace
- Make the bike go with a "spin" not a "mash"
- "Spin" the bike with higher cadence


## PRO TIPS

90 Revolutions Per Minute (RPM) is a nice cadence for which to aim

- Use easier gears to sustain that spin


## Thursday

- Run 30 min, 6 min warm up
- Then do 14 min of "fartleks"
- Finish with 10' easy


## PRO TIPS

"Fartlek" is a Swedish term meaning "Speed play"

- The fartlek gives you control over interval
- You choose how long, how hard you'll go for that brief time
- And you can choose the recovery time too

Friday

- Swim 35 min
- Easy short pieces of perfection
- Confirm the level body position


## PRO TIPS

Swimming well is $\sim 80 \%$ technique and only $20 \%$ fitness

- Improve fitness on the bike and run for now and swim to improve skill


## Saturday

- Ride 2 hours
- EASY and COMFORTABLE the whole ride
- Keep cadence high at 80-90 rpm
- Keep upper body relaxed
- Maintain a slight bend in elbows


## PRO TIPS

Longer rides require fuel. Bring a bottle of Powerbar Endurance sports drink \& a PowerGel

Week 2
Sunday

- Ride 2 hr
- Ride easy but include some rolling hills
- Keep working gears as terrain undulates
- Keep cadence near 90 rpm
- Every workout is an opportunity to test nutrition
- Every test leads you toward success on race day

Monday

- Swim 40 min.
- 1st 20 min . super easy and one length at a time
- 2 nd 20 min . stretch perfect swim out to 2 lengths or longer but keep it perfect


## PRO TIPS

Practice doesn't make perfect in swimming — only perfect practice makes perfect
Tuesday

- Off

PRO TIPS
Make time for extra rest on off days just like you make time for training on other days
Wednesday

- Swim 40 min
- Focus this week on long axis rotation
- Get swim power by timing hip rotation with arm action
- Run 30 min.
- Run in comfort but include some easy hills


## PRO TIPS

All body power comes from hips
Don't swim flat

- Roll body like a log as you go
- When running hills look up and add a bit of extra arm swing

Thursday

- Ride 75 min . hill repeats
- Do a solid 15 min. warm-up
- Find a hill that's steady for 5 min . of riding
- Repeat 5-min. hill 4 times
- Finish with 40 min. flat and easy
- Climb seated and with a low heart rate
- Climb in a larger gear that puts you at $\sim 60 \mathrm{rpm}$


## PRO TIPS

Focus your mind on the complete pedal circle: push then scrape the bottom then pull up on back side then advance across the top

- Think of this as a strength-specific bike workout to build exact pedaling muscles


## Friday

- Swim 40 min
- Swim longer pieces but ONLY if form holds


## PRO TIPS

Stop and rest when form deteriorates

- Keep power coming from hips and the torso rolling like a log
- Swim each piece then stop and rest
- Don't start again until fresh and focused


## Saturday

- Brick: Ride 1 hr. and run 20 min
- Ride 20 min . very easy then 30 min . moderate then 10 min . strong, Do bike-to-run transition to 7 min . or less
- Run easy off bike


## PRO TIPS

Keep strides short as you begin the run

- Take on a few calories during bike so that you have energy for run
- We'll do lots of these bricks (combinations) so enjoy!

Week 3
Sunday

- Swim 45 min.
- Swim with level body and long axis rotation and relaxed recovery
- Run 30 min. flat and easy
- For this and every run make time to stretch after


## PRO TIPS

Recovery week starts tomorrow so go strong this weekend

## Monday

- Swim 30 min.
- Swim easy for 15 min . and a bit stronger for 15 min .
- Run 20 min.
- Run flat and in comfort with proud posture
- Include a solid stretch after this run

PRO TIPS
A short and easy run like this can actually help legs recover from Sunday's bike

- You could break this or any run up with some short $30-60 \mathrm{sec}$. walks when needed

Tuesday

- Stretch 30 min.
- Be sure to hit key areas of legs: quads hams calves and ITB
- Also stretch chest shoulders back and hips

PRO TIPS
This week is a big one so rest up today hydrate and psych up!

## Wednesday

- Combo: Swim 30 min . and run 40 min .
- Swim easy with laser focus on technique
- Run within 10 min of exiting water
- Run flat
- 10 min . easy then 10 min . fartleks then 20 min . easy


## PRO TIPS

Keep shoulders relaxed during run

- Shake out arms to loosen up
- Pull shoulders back a bit so chest is forward during run


## Thursday

- Ride 75 min.
- Ride flat
- 12 min . warm-up then 8 min . stronger
- Easy for 2 min . then 8 min . strong again then cruise 45 min .
- Go as you feel
- 8 min. interval should be strong but not brutal


## PRO TIPS

Choose a pace that challenges but that you could still hold steady for a half hour

## Friday

- Run 40 min. flat and easy
- Swim 40 min.
- Swim focus: recovery arm


## PRO TIPS

When the arm moves forward into the air that's the recovery phase

- Keep elbow high and fingers low just cm above water
- Relax forearm wrist and fingers during


## Saturday

- Brick: Ride 2.5 hr .
- Run 15 min. off the bike
- Choose flat and rolling terrain
- Keep cadence at 80-90 rpm
- Run easy off bike
- Keep strides short

PRO TIPS
Keep energy up during ride with hydration and nutrition

- If bike is uncomfortable get fitted
- Big miles ahead
- Comfort is key

Week 4
Sunday

- Run 45 min.
- Warm on flat then into easy hills
- Keep heart rate under control on climbs
- Walk if you must


## PRO TIPS

Remember to look up

- Keep arms active on climbs
- Start hills relaxed and then control pace so that heart rate stays low as you go up


## Monday

- Recovery ride 40 min .
- Spin easy on flat in total comfort

PRO TIPS
Use this recovery ride to loosen legs after last week's efforts

## Tuesday

- Off
- Find 20 min . mid-day to put feet up and relax
- Eat and hydrate well

PRO TIPS
The body is still building muscle even on this day off
Wednesday

- Swim 30 min .
- Swim short and easy pieces with lots of rest between


## PRO TIPS

Keep arm rhythm easy and glide through water balanced

## Thursday

- Marker run
- Must be done on a track or accurately measured mile course
- Jog 800 m (2 laps) for a warm-up
- Run up to a fixed heart rate and hold at 150 or 160 bpm for 1 mi . exactly and time that mile
- Pick a heart rate that's challenging without being hard and hold as closely as you can to that number


## PRO TIPS

This workout must be repeatable

- Do it $\sim 4$ weeks to mark progress
- Duration is fixed at 1 mi . and intensity is fixed at whatever heart rate that you choose to hold
- What will change is your time
- Record it all accurately
- Jog an easy cooldown after and be sure to stretch


## Friday

- Off

PRO TIPS
The body needs these rest days to rebuild and adapt

- Hard training lies ahead!

Saturday

- Ride 90 min.
- Ride flat and easy


## Week 5

## Sunday

- Swim 1200 m
- Include $15 \times 50 \mathrm{~m}$ swim golf
- Swim golf: Count your strokes for each 50 then add to sec. for each 50 then get score
- Lower swim golf score by holding speed with fewer strokes
- Run 6 mi.
- Include some short and steepish hills


## PRO TIPS

Let heart rate rise on hills but recover with easy jog on flats and descents

## Monday

- Swim 1500 m
- Include $3 \times 300 \mathrm{~m}$ steady with 1 min . rest between each


## PRO TIPS

Think DPS: distance per stroke

- Stay "slippery" in the water


## Tuesday

- Stretch 30 min .
- Hold stretches for a slow count of 10
- Stretches don't need to be painful
- Stretch until you feel it and then hold
- Do each stretch twice and go just a touch further each time


## Wednesday

- Brick: Ride 1 hr. and run 20 min.
- Build bike pace to 20 min . easy then 20 min . moderate then 20 min . strong
- Run within 5 min. off bike
- Run 2 min. easy then 5 min . strong and 12 min . in comfort
- Stretch after every workout


## PRO TIPS

If you are short on time then trim workout slightly and keep the stretch

## Thursday

- Swim 1700 m
- Include $8 \times 150 \mathrm{~m}$ easy with only 10 sec . rest between
- Run 45 min.
- Run flat
- 10 min . easy then 10 min . moderate then 10 min . fast
- Finish with 15 min . easy
- Pace the $8 \times 150$ so that time is the same for each


## PRO TIPS

Keep strides short on run at all paces so that feet are only on ground for the briefest time
Friday

- Run 5 mi.
- Run flat
- Keep strides short with feet quick and light
- Good stride length results in $\sim 180$ steps per min.


## PRO TIPS

- To confirm count every footfall for 10 sec .
- Aim for 30 footfalls in 10 sec .


## Saturday

- Ride 50 mi .
- Moderate heart rate and high cadence
- Stay comfortable
- Make the bike go with smooth and fluid circles


## PRO TIPS

Pace and fuel so that you are as strong in the last 15 min . as you are in the 1st

- Check in on hands and arms and shoulders
- Keep them relaxed

Week 6
Sunday

- Run 8 mi.
- Run flat and mostly in comfort
- Start long run easier than you think you should to guarantee strong finish

Monday

- Swim 1900 m
- Include $10 \times 100$ s steady with 15 sec . rest

PRO TIPS
When arm enters water and extends forward reach to greatest length

- Hold that lead arm out there waiting for recovery with fingers to come forward of head

Tuesday

- Off

Wednesday

- Swim 2000 m
- Include $3 \times 400$ with 45 sec . rest
- Make each 400 a touch faster
- Run 40 min. flat and easy
- Focus on foot strike


## PRO TIPS

Swim each piece faster - it's called "descending" as in descending the time

- Be careful on run
- A heel strike can slow you down and increase injury risk
- Try to land on front foot with a touch of ball and a bit of front arch

Thursday

- Ride 75 min . bike hill repeats (BHR)
- Climb 5-min. steady hill at $\sim 60 \mathrm{rpm}$ seated and focused on perfect circles with low heart rate


## PRO TIPS

See if you can swim so relaxed that you breathe every 5 s if not every 3

Friday

- Swim 2400 m
- Include $6 \times 200$ with bilateral breathing
- Rest 45 sec. between each

PRO TIPS
See if you can swim so relaxed that you breathe every 5 s if not every 3

## Saturday

- Ride 65 mi.
- Ride flat and easy
- Every $10-15 \mathrm{~min}$. shift up 2 gears and stand for $10-20 \mathrm{sec}$. to stretch easy and combat muscle stiffness


## PRO TIPS

Every workout you do is a time to test something for race day

- These longer rides demand testing of the 2 critical pieces of race-day success: pace and nutrition
- Try all PowerBar® energy bars and energy gels and sports drinks in all flavors
- Find your favorite!


## Week 7

Sunday

- Run 9 mi. run progressive tempo (RPT)
- Run 3 mi . easy then 3 mi . moderate then 3 mi . strong


## PRO TIPS

Finish with a cooldown jog

- This RPT is a great way to approach a race
- RPT can guarantee a strong finish


## Monday

- Swim 2100 m
- Include $12 \times 100 \mathrm{~m}$ with 20 sec . rest
- Descend 1-3 4-6 7-9 10-12
- Remember that every workout begins with a warm-up and ends with a cooldown
- Descend 1-3 4-6 etc.
- Swim \#1 easy then \#2 a bit faster then \#3 even faster then repeat


## Tuesday

- Off
- Keep up the hydration today and get in plenty of complete and lean protein

Wednesday

- Swim 2400 m
- Include $4 \times 400 \mathrm{~m}$ steady with 45 sec . rest
- Timing is critical so keep your body on its side until recovery hand hits the trigger point


## PRO TIPS

- Trigger point is when recovery fingers touch the water
- At trigger point the body rolls at the exact time that arm enters and extends

Thursday

- Brick: Ride 20 mi . and run 3.5 mi . easy then 10 mi . moderate then 5 mi . STRONG!
- Run 3 mi. strong and 2 mi. easy
- Finish bike strong so that legs are "loaded"
- Running with loaded legs will make this ride seem like 50 mi . and not just 20 mi .

PRO TIPS
Run with those same short strides and focus mind on finding fluid run legs ASAP

Friday

- Swim 2700 m
- Include $3 \times 300 \mathrm{~m}$ descend with 40 sec . rest then $3 \times 200$ descend with 30 sec . rest then $3 \times 100$ descend with 20 sec . rest


## PRO TIPS

Pace wisely so that there are distance differences among all 3 swims

- Arm turnover is linked to swim speed
- If you want to swim faster increase arm turnover and maintain technique


## Saturday

- Ride 70 mi.
- Keep mostly flat and mostly comfortable
- Scatter $4 \times 10 \mathrm{~min}$. with a slightly strong pace within ride
- Maintain the nice $80-90 \mathrm{rpm}$ cadence even when you apply stronger pace


## PRO TIPS

More testing on hydration and nutrition

- Many don't feel satiated unless they chew
- PowerBar® Performance energy bars might do the trick

Week 8
Sunday

- Run 6 mi.
- Put some easy hills into this run


## PRO TIPS

Maintain both heart rate and stride length on ups and downs

- Keep heart rate steady by easing off pace on climbs and staying relaxed


## Monday

- Swim 1200 m
- Include $15 \times 50$ s swim golf
- Count strokes and add to sec. for each 50
- Lower score for 1 st 5 then keep it low for last 10

Tuesday

- Day off \#1
- This is another recovery week
- You've been going strong for 3 weeks and deeply deserve the rest


## Wednesday

- Ride 15 mi .
- Ride flat
- Include 6 sets of $30-\mathrm{sec}$. one-footers
- Ride easy for 2 min . between easy sets


## PRO TIPS

Do one-footers on trainer or safe and wide-open road

- Remove one foot from pedal and hold it back and out of the way
- Pedal a smooth circle for 30 sec. with just one foot (no clunks)

Thursday

- Marker run
- Do exactly like you did back in week 4
- Jog the 800 m warm-up
- Run up to the same heart rate as before and hold right there exactly for 1 mi .

PRO TIPS
Time that mi. and compare time from today's marker run to the one you did last month

- Time should be faster perhaps by just a few sec.


## Friday

- Off


## Saturday

- Ride 30 mi.
- Ride flat and spin easy
- Shift early and often for terrain and wind


## PRO TIPS

Let cadence be fluid and smooth

## Week 9

Sunday

- Run 6 mi.
- Put some easy hills into this run


## PRO TIPS

Maintain both heart rate and stride length on ups and downs

- Keep heart rate steady by easing off pace on climbs and staying relaxed


## Monday

- Swim 1200 m
- Include $15 \times 50 \mathrm{~s}$ swim golf
- Count strokes and add to sec. for each 50
- Lower score for 1 st 5 then keep it low for last 10

Tuesday

- Day off \#1
- This is another recovery week
- You've been going strong for 3 weeks and deeply deserve the rest

Wednesday

- Ride 15 mi.
- Ride flat
- Include 6 sets of $30-\mathrm{sec}$. one-footers
- Ride easy for 2 min . between easy sets


## PRO TIPS

Do one-footers on trainer or safe and wide-open road

- Remove one foot from pedal and hold it back and out of the way
- Pedal a smooth circle for 30 sec . with just one foot (no clunks)

Thursday

- Marker run
- Do exactly like you did back in week 4
- Jog the 800 m warm-up
- Run up to the same heart rate as before and hold right there exactly for 1 mi .


## PRO TIPS

Time that mi. and compare time from today's marker run to the one you did last month

- Time should be faster perhaps by just a few sec.


## Friday

- Off

Saturday

- Ride 30 mi.
- Ride flat and spin easy
- Shift early and often for terrain and wind

PRO TIPS
Let cadence be fluid and smooth

Week 10
Sunday

- Ride 80 mi .
- Keep heart rate low
- Keep your mind on those fluid circles

PRO TIPS
Plan nutrition before you roll out

- Aim for 300 calories per hr. after the 1 st hr.
- Read the labels on everything you take
- Do the math and go confident

Monday

- Swim 2700 m
- Include $8 \times 200 \mathrm{~s}$ with 30 sec . rest
- Numbers 24 and 8 need to be FAST!
- After fast swims use the 1 st 50 m of the next swim as part of recovery


## PRO TIPS

Get rest as you go

- Accentuate ease of the swim with less kick and easier arm turnout - just glide

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Tuesday
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- Off
- Be good to yourself today
- There are some very meaty workouts ahead this week and next
- Drink in this rest

Wednesday

- Ride 20 mi. BHR
- This time ride up $5-\mathrm{min}$. hill 7 times
- Do seated at 60 rpm with low heart rate focused on circles
- Run 5 mi. flat
- Run totally easy and relaxed
- You are free to do this workout back to back as a brick or separate as needed

Thursday

- Ride 30 mi . flat
- Include $4 \times 8$ min. moderately strong with 2 min . recovery
- This $8-m i n$. interval should be challenging but not hard
- Push pace just a touch and hold for 8 min.
- Keep cadence high at 80-90 rpm even during interval


## PRO TIPS

You could judge this and other intervals by feeling by heart rate

- by speed
- or with a power meter


## Friday

- Swim 3200 m
- Include $4 \times 600 \mathrm{~m}$ steady with 1 min. rest between


## PRO TIPS

Pace these longer sets so that you are steady throughout the whole swim

## Saturday

- Run 11 mi .
- Run flat
- Run the 1 st 6 mi . super comfortable
- Then if you feel good step up the pace for the last 5 mi .


## PRO TIPS

Posture and stride length should be all quality for the whole run

- A good breakfast buys you about 1 hr . of exercise
- Once that passes you've got to support with calories
- Try a PowerBar® Gel on this run


## Week 11

Sunday

- Swim 4000 m
- Include $3 \times 1000$ steady and easy with 1 min. rest
- Run 13 mi .
- One simple goal here: 6.5 mi . easy then 6.5 mi . a touch faster


## PRO TIPS

Run here should be a negative split

- This means that the 2nd half is faster than the 1st
- Plan every long run this way including race day


## Monday

- Swim 3200 m
- Include $5 \times 100 \mathrm{~m}$ with 10 sec . rest then $7 \times 100$ with 15 sec . rest then $9 \times 100$ with 20 sec . rest


## PRO TIPS

Keep mind present during whole swim

- Prioritize mental checklist: level body hips rolling relaxed recovery etc.


## Tuesday

- Off
- Try to sneak in 30 min . mid-day to put feet up and rest HARD


## Wednesday

- Swim 3600 m
- Include $9 \times 250 \mathrm{~s}$ with 45 sec . rest
- Descend 1-3 4-6 7-9
- Run 4 mi. flat and easy
- Challenge yourself by swimming 36 and 9 super fast

PRO TIPS
During run think of lifting foot off ground super fast

- Snap heel up towards butt

Thursday

- Ride 25 mi . BHR
- Climb 5-min. hill 8 times seated and focused on circles at 60 rpm


## PRO TIPS

Keep heart rate low and mind highly attentive to perfect circles

Friday

- Run 7 mi. flat
- Keep mostly comfortable but include $5 \times 2$ min. fast with 3 min. recovery
- Dig deep on the 2-min. intervals


## PRO TIPS

Let recovery be super easy

## Saturday

- Ride 90 mi.
- Keep heart rate low
- Stay comfortable right from the start
- Plan your ride before you go


## PRO TIPS

We're approaching race distance

- Start to master caloric intake to assure energy all the way through

Week 12
Sunday

- Run 8 mi.
- Run hills
- Choose a course with longer climbs
- Pace climbs so that you can run steadily all the way to top


## PRO TIPS

Trail running is great training too

- Keep looking up
- It may be necessary to carry water or PowerBar® Endurance sports drink on this run

Monday

- Ride 15 mi. flat
- 20 min . at 70 rpm and super easy then 20 min . at 80 rpm still easy then 20 min . at 90 rpm
- This is a critical recovery week

PRO TIPS
Soak up rest days and easy workouts so you're ready for the next 3 weeks

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Tuesday
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- Off
- Keep hydration coming even on rest days and light days
- The body does most of its repairs during REM sleep
- Try for 8 or more hours' sleep each night


## Wednesday

- Swim 1200 m
- Keep pieces short - nothing longer than 200 m
- Give yourself all the rest you need between swims

PRO TIPS
The pool is THE place to master technique

- Aim for a few open-water swims starting in week 19
- Race day will be $99 \%$ swim technique in the pool
- The other $1 \%$ will be about sighting to make sure you're going straight
- You'll practice that soon

Thursday

- Marker run
- Duplicate this as precisely as you can each time
- 800 m warm-up then 1 mi . for time at fixed heart rate
- Compare today's time to the 1 st 2


## PRO TIPS

You should see incremental improvement

- If there's a slower time it could be an off day - you may not be rested enough

Friday

- Stretch 30 min.
- Set aside another 30 min . to practice fixing a flat


## PRO TIPS

No one is allowed to help you on race day

- You should be sufficient for training too

Saturday

- Ride 50 mi .
- Keep it flat and easy today

PRO TIPS
Focus on shifting smoothly and silently

- By soft-pedaling for an instant when you shift the chain will make its move perfectly


## Week 13 <br> Sunday

- Run 14 mi .
- 7 mi . comfortable and 7 mi . strong
- Swim 2600 m
- Include $3 \times 700$ with 1 min. rest
- Make each one faster
- Run first and swim later in the day


## PRO TIPS

Be sure to hydrate between run and swim to avoid cramping in water

- Concrete is considered the hardest running surface and grass the softest
- Mix your surfaces to go easier on the body

Monday

- Swim 2800 m
- Include $5 \times 400 \mathrm{~m}$ steady with 45 sec . rest


## PRO TIPS

- Open turns in pool can be nearly as fast as flip turns - as long as you don't dally on the wall you're doing fine Tuesday
- Off
- Look ahead to the anticipate weather at your race location.
- Try to plan workouts that mimic the climate you'll experience on race day.


## Wednesday

- Ride 15 mi moderate pace
- Build through the ride so the first third is easy, middle third moderate, Last third STRONG!
- Run 7 mi moderate pace
- Run right off the bike, all flat.
- Include 20 minute of fartleks soon after legs feel good.


## Thursday

- Ride 30 mi moderate pace
- Include $4 \times 12 \mathrm{~min}$ moderate at $95+\mathrm{rpm} \mathrm{w} / 3 \mathrm{~min}$ easy spin between.
- These 12 min efforts should be above race pace.
- As the weeks roll on you can expect the duration of the intervals to increase and the recovery to shorten.

Friday

- Swim 3800 yd
- Include $7 \times 150$ yds with 30 sec rest and $7 \times 150$ yds with 20 sec rest.
- Tough weekend ahead- have a good recovery after your swim and a good night's rest.


## Saturday

- Ride 95 mi easy pace
- Bike easy and set the pace so you finish as strong as you started.
- Keep cadence high throughout.
- Training yourself to be mentally present on long rides is very important.
- Strive to stay focused.


## Week 14

Sunday

- Ride 110 mi.
- All easy in comfort but scatter $6 \times 15 \mathrm{~min}$. where you're going stronger than race pace
- Keep cadence healthy and mind on pedal circles
- Duplicate as much of race day nutrition as you can to test under pressure


## PRO TIPS

A \& D ointment or other cycling-specific lubricants can improve comfort in the saddle region

- Sunscreen is another item that will need to be tested for race day
- The golden rule is: Nothing New on Race Day!!
- Test everything


## Monday

- Ride 20 mi. flat
- This is a recovery ride
- Keep heart rate low and cadence moderate
- Flush legs from the tough weekend


## PRO TIPS

Massage can be a big part of recovery

- Seek out a therapist who can help loosen up tight areas
- See therapist as often as you can


## Tuesday

- Stretch 30 min.
- Quad hamstring calf IT band chest back and shoulder muscles - leave nothing unstretched
- Yoga can be a benefit but if you're new to it pick a super easy class and leave your competitive nature outside


## PRO TIPS

Overstretching can leave you so sore that you won't be able to train for days

- Avoid this


## Wednesday

- Swim 3800 m
- Include $3 \times(200$ strong with 15 sec . rest then 800 steady)
- Put a full 90 sec. rest after each 800 so that the 200 can be a really fast swim
- This set begins to mimic the race start
- The idea here is to tax yourself with the 200 and then still be able to swim well for the entire 800


## PRO TIPS

Keep your mind on the priorities: level body and rolling the hips and extending long and relaxed recovery

## Thursday

- Ride 25 mi . BHR
- Climb the $5-\mathrm{min}$. steady hill 8 times
- Climb seated at 60 rpm with low heart rate and focused on perfect circles


## PRO TIPS

In the coming weeks we'll start to put some harder efforts into these hill climbs but until then keep heart rate low

## Friday

- Swim 1200 m
- Make this one super easy
- Keep pieces short: 50 s 100 s etc.
- Keep rest intervals long: 30 sec .45 sec .60 sec . etc.


## PRO TIPS

Easy swims like this can really help the body heal

- Look ahead to the weekend
- Start preparing today with hydration
- Rest for the coming mileage


## Saturday

- Run 16 mi .
- 1 mi . warm-up then 1 mi . cooldown then 14 mi . STEADY and STRONG in the middle
- Constantly check in on posture and stride length as you go


## PRO TIPS

PowerBar® Gel is the easiest and best fuel to take while running

- Test for favorite flavors and decide on caffeine
- Some energy gels are caffeinated and some are not
- Caffeine is a legal and legit drug that can lift you late in long runs

```
Week 15
Sunday
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- Run 18 mi .
- Map out a 9-mi. loop flat to rolling
- Run it twice
- 1st loop easy then 2nd loop strong


## PRO TIPS

- When you're fatigued it becomes even more critical that you check form
- Run tall with a proud posture
- Keep stride length short
- Keep arms swinging straight fore and aft

Monday

- Swim 1000 m
- Easy warm-up then $5 \times 50 \mathrm{~m}$ with 20 sec . rest then $5 \times 50$ with 15 sec . rest then $5 \times 50$ with 10 sec . rest
- This is a recovery swim
- Stay relaxed and don't push
- Stretch 20 min.


## PRO TIPS

Active recovery is often better than sitting about

- The movement helps you heal
- After swim and stretch hydrate all day and get ready for 5 more days of solid training


## Tuesday

- Stretch 30 min .
- Stretching doesn't always cut through tight muscles and connective tissue


## PRO TIPS

Using a foam roller can do wonders for breaking up problem areas
Wednesday

- Ride 90 min. flat
- A full hour easy at 80 rpm with low heart rate
- Then do $4 \times 2$ min. very strong with 5 min . recovery
- Sometimes the 1 st intervals are harder than the last


## PRO TIPS

Stay positive and stick with the workout

- It's a cliché but "Attitude is everything" befits a person training for an Ironman
- Take great pride in your pursuit
- Talk it up modestly with friends and family and tell them your goals
- By saying them out loud you make them reality


## Thursday

- Run 8 mi.
- Run a flat course
- Run 4 mi . easy then 3 mi . strong with 1 mi . recovery
- The success of the next 3 days hinges on perfect recovery at the end of this run


## PRO TIPS

Read "Promoting Optimal Recovery" section of the Nutrition Guide here at IronmanPower.com

## Friday

- Swim 4200 m
- Include $4 \times 800$ steady with 1 min. recovery between each
- Swim for efficiency so that last 800 is same time as 1 st

PRO TIPS
Use the mantra "reach and roll" every time your hand enters the water

- One of the cardinal rules of sailing is that the boat with the longest hull is always fastest
- Keep your hull long


## Saturday

- Ride 120 mi.
- Go the distance!
- Pick a flat course
- Pace and fuel for total success


## PRO TIPS

Read "Fueling During Training and Competitions" to make sure that you do it right on this ride and for race day

- Keep mental focus on perfect circles during ride
- Shift up 2 gears and stand for a few moments to freshen legs throughout ride


## Week 16

Sunday

- Swim 2200 m
- Include $8 \times(50$ fast with 5 sec . rest then 150 easy)
- Take a full 1 min . rest after the 150
- Put effort into arm turnover for the faster swims


## Monday

- Swim 1000 m
- All easy and all short
- Lots of rest between each swim
- Just use this time to loosen up legs
- This is a recovery week
- Resist urges to fill free time with errands and business
- Keep time for rest

```
Tuesday
```

- Off
- A massage this week would be awesome!


## Wednesday

- Ride 75 min.
- Ride flat and easy in total comfort
- Let cadence build slowly through ride
- Stretch 30 min.
- Frequency of exercise is critical even if workout is short


## Thursday

- Marker run
- Do exactly like you did back in week 4
- Jog the 800 m warm-up
- Run up to the same heart rate as before and hold right there exactly for 1 mi .
- Time that mi. and compare time from today's marker run to the one you did last month
- Time should be faster perhaps by just a few sec.


## Friday

- Off
- If a massage isn't possible then take a good 30 min . to stretch
- Icing sore areas can also help reduce inflammation and speed recovery


## Saturday

- Brick: Ride 30 mi . and run 3 mi .
- Ride 25 mi . super easy and last 5 mi . moderate
- Run flat in comfort
- Make the beginning of bike and the end of run super easy with just a bit of intensity before and after transition


## Week 17 <br> Sunday

- Ride 60 mi .
- Include 2 long climbs

PRO TIPS
Climb mostly seated but include $10 \times 1$ min. out of saddle climbing strong with full recovery
Monday

- Run 5 mi.
- Run a flat course
- Include $6 \times 2$ min. fast with 4 min. recovery

PRO TIPS
We're 4 mo. into the training plane and base fitness has been built through increasing endurance

- This month starts us on a new path: expanding fitness with greater intensity


## Tuesday

- Stretch 30 min.
- This is virtually a day off but make time to commit to a long stretch session
- Stretch after every workout to ensure uninterrupted training

Wednesday

- Swim 1500 m
- Swim golf $30 \times 50 \mathrm{~m}$
- Ride 75 min.
- Ride flat with high cadence
- Include $5 \times 1 \mathrm{~min}$. STRONG with 4 min. recovery


## PRO TIPS

Take the 1st 1050 s to get going
Thursday

- Run 9 mi. RPT
- 2 mi. easy then 3 mi . moderate then 3 mi . strong then 1 mi . recovery


## PRO TIPS

Focus on lifting knee toward butt and driving knee forward at same time
Friday

- Ride 90 min. BHR
- Long warm-up
- Climb 5-min. hill 8 times seated with low heart rate
- Keep mind on circles

PRO TIPS
This begins day 1 of a 4-day bike focus

- This streak of riding is designed to create a breakthrough in cycling


## Saturday

- Ride 80 mi .
- Ride a flat course
- Include $8 \times 12 \mathrm{~min}$. at a strong pace with 4 min . recovery


## PRO TIPS

- These intervals are going to continue to expand
- Make sure to ride easily enough during recovery to guarantee next strong effort

Week 18
Sunday

- Run 7 mi.
- Run flat and easy
- Take 1 st 3 mi . super easy then run 4 mi . as you feel


## PRO TIPS

After Saturday's run be sure to allow for a long warm-up

- Don't expect stiff or sore feeling to last
- You've been running strong for weeks now
- Be open and ready to pick up pace at the middle of this run if you feel good


## Monday

- Ride 20 mi .
- Ride all flat and all comfort
- Build cadence from 70 rpm to 100 rpm progressively through ride
- The easy spin of $\sim 70 \mathrm{rpm}$ helps free up tight muscles in legs


## PRO TIPS

Moderate and steady cadences of $80-90 \mathrm{rpm}$ are the most efficient circles to hold

- Higher cadences of 100 or more are great for developing neuromuscular fitness


## Tuesday

- Stretch 30 min.
- Big run miles lay ahead
- Stretch legs well today

Wednesday

- Swim 3800 m
- Include $6 \times 500 \mathrm{~m}$ with 1 min . rest descend $1-3$ then $4-6$
- Start with a strong focus on distance per sec. (DPS) then build turnover through the set
- Run 40 min. flat and easy
- Get a good long glide out of each stroke

Thursday

- Ride 35 mi .
- Ride a flat course
- Long warm-up and include $6 \times 2$ min. super strong with a full 4 min . recovery
- This 2-min. effort should be very demanding


## PRO TIPS

Dig deep to power bike to new speeds

- You've ridden long and easy miles and some moderate intervals - now it's time to challenge your body further for more gains

Friday

- Run 4 mi.
- Run a flat course
- Include fartleks in mi. 2 and mi. 3
- Make fartlek intervals appropriate to your energy level on the day


## PRO TIPS

- This begins a 4-day run streak
- You must stretch well after every run in this series


## Saturday

- Run 21 mi.
- Run an easy 1 mi . warm-up then proceed to 10 mi . course
- Run that loop once easy and once faster
- This will be your longest run before the race


## PRO TIPS

While your mileage may have peaked there are more intense runs ahead

- By adding intensity your overall run speed should improve

Week 19
Sunday

- Run 12 mi .
- Run hills strong
- Keep looking up during climbs
- Keep arms active on uphill segments
- Hills build strength
- Go into them strong
- You'll feel the power when back on flats

Monday

- Run 6 mi.
- Run flat and soft
- Include some fartleks in mi. 2 and mi. 4
- Intervals in mi. 2 can be as brief as you want to reintroduce some speed to the run


## PRO TIPS

Look ahead to the weekend and find the right spot for an open-water swim

- If there's no open water in your area then incorporate Wednesday's sighting drills in the pool

```
Tuesday
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- Off
- There's a huge 5 days ahead
- Manage this day so you're fresh tomorrow morning


## Wednesday

- Swim 4400 m
- Include $4 \times 1000$ steady with 2 min. rest
- Note time on each swim and pace so you can keep it steady
- Every 4 lengths lift just eyes above surface to sight the end of the pool

PRO TIPS

- Keep kick light and draw power from hip rotation
- Leave the lead arm out a bit longer to ensure great timing with hands and hips
- Sight quickly and without lifting the head too high or holding it up too long

Thursday

- Ride 20 min. BHR
- Climb 4 times up for 5 min . seated and focused on circles
- Then climb 3 more times up for 3 min . very strong
- Attack the hill


## PRO TIPS

- For motivation note how far you get in 1st 3-min. effort then try to better that each time
- Climb strong with much of the 3 min . out of the saddle to power bike up hill


## Friday

- Swim 2200 m
- Include $6 \times$ ( 100 fast with 10 sec . rest and then 200 easy)
- Rest 1 min. after the 200


## PRO TIPS

Really push the 100 so that you are deeply taxed

- The 10 sec . should not be enough for full recovery
- Get that full recovery while you swim the start of the 200


## Saturday

- Ride 85 mi .
- Ride mixed hills and flat
- Include $5 \times 15 \mathrm{~min}$. at strong effort with full recovery
- Keep cadence high during $15-\mathrm{min}$. effort but really drive the bike


## PRO TIPS

Eat during 2 of the $15-\mathrm{min}$. efforts

- Read "Minimizing GI Distress"article at IronmanPower.com

Week 20
Sunday

- Swim 1500 m
- Swim golf $30 \times 50 \mathrm{~s}$ with 10 sec . rest
- Count strokes and add to sec. it takes to swim that 50
- Keep score low
- Run 8 mi .
- Run hills but run easy


## PRO TIPS

Keep heart rate under control on climbs

- Adjust pace on hill runs so you don't go too hard up climbs
- You'll want to run well on descents


## Monday

- Day off \#1 of 3
- Wahoo!! Big rest and recovery week
- You still have "work" to do this week - but that work is to heal up quickly


## PRO TIPS

Make time for rest exactly like you've made time for workouts
Tuesday

- Swim 1000 m
- Swim is all easy in small pieces with lots of rest between each bit
- Stretch for 30 min .


## PRO TIPS

Active recovery today should heal all soreness

## Wednesday

- Day off
- Sleep late to get full advantage of REM recovery


## Thursday

- Marker run
- Do exactly like you did back in week 4
- Jog the 800 m warm-up
- Run up to the same heart rate as before and hold right there exactly for 1 mi .


## PRO TIPS

Time that mi. and compare time from today's marker run to the one you did last month

- Time should be faster perhaps by just a few sec.

Friday

- Day off \#3 of 3
- If you can schedule a massage today then do it!


## Saturday

- Brick: Ride 50 mi . and run 5 mi .
- Make ride hilly and in last 10 mi . include $3 \times 8 \mathrm{~min}$. very strong with 1 min . recovery
- Run 3 mi . solid and steady then 2 mi . easy


## PRO TIPS

The body should be starting to find fluid run legs a bit sooner off the bike now

- Expect some stiffness in the 1st $400-600 \mathrm{~m}$ but then it should be smooth sailing

Week 21
Sunday

- Run 10 mi .
- Run all flat and all easy
- Swim 3100 m
- Include $12 \times 100 \mathrm{~m}$ with 30 sec . rest and $12 \times 100 \mathrm{~m}$ with 20 sec . rest


## PRO TIPS

It's your choice whether you run or swim first

- Chose which sport is weaker for you and dedicate fresher energy to it


## Monday

- Ride 25 mi BHR
- Climb the $5-\mathrm{min}$. hill seated 4 times easy then 4 times strong for 3 min. but higher each time
- 3 min . is a long hill attack so pace those efforts so you go a bit higher than the one before


## PRO TIPS

Maximize recovery after every workout

- We start a solid 3-week build here


## Tuesday

- Combo: Swim 2500 m and run 5 mi .
- Swim: Include $6 \times(150$ fast with 10 sec . rest then 150 easy with 20 sec . rest)
- Run 5 mi . all steady and relaxed


## PRO TIPS

Maintain those short strides on the run

- Keep to 30 footfalls every 10 sec .

Wednesday

- Run 9 mi. RPT
- 1 mi . easy then 2 mi . moderate then 5 mi . fast then 1 mi . easy
- Push yourself to hold a strong run for 5 mi .


## PRO TIPS

Run pace is best referenced by race distance

- This $5-\mathrm{mi}$. effort should be a hair easier than 10-k race pace but far stronger than marathon pace.

Thursday

- Swim 3300 m
- Include $3 \times 1000$ descend with 1 min. rest

PRO TIPS
Swim an aggressive 1st 1000 so that you're forced to step up and better your already great effort

## Friday

- Run 5 mi .
- Run this flat
- Include $6 \times 3$ min. very strong with 2 min. recovery


## PRO TIPS

Sometimes the shorter runs are the hardest

- Dig deep and make this one count!


## Saturday

- Ride 80 mi .
- Include 3 long climbs
- Mix in $3 \times 8 \mathrm{~min}$. strong with 2 min . easy on each climb
- This makes for 9 total efforts

PRO TIPS
Just like your race this kind of ride can succeed only with the proper fueling

- Start to solidify what flavors and styles work best for you

```
Week 22
Sunday
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- Swim 3400 m
- Include $3 \times 1000$ descend with 1 min. rest
- Swim 1st 1000 in total comfort


## PRO TIPS

Try to better that by 40 sec . then step up and go a full 40 sec . faster again on last 1000
Monday

- Ride 20 mi.
- Ride a flat course
- Do 7 mi . at 70 rpm then 7 mi . at 80 rpm then 6 mi . at 90 rpm


## PRO TIPS

Be confident in where you are and how far you've come

- Train with that pride and let it lift you to a new level
- 8 weeks to race day!


## Tuesday

- Stretch 30 min.
- Don't let up on the body maintenance
- Stretching is key to success and survival at this distance


## Wednesday

- Swim 3400 m
- Run 8 mi . on hills
- Swim: Include $8 \times(3 \times 50 \mathrm{~m}$ fast with 10 sec . rest then 200 easy with 1 min . rest)
- On 8 mi . run let heart rate really spike on the climbs by pushing strong then use flats and downhills to recover


## PRO TIPS

In the fast swims start bringing more speed

- Get that speed by increasing arm turnover
- No matter how fast you swim the priorities still hold: level body and power from hips and reduce drag first


## Thursday

- Ride 40 mi.
- Ride easy on flat but include $6 \times 90 \mathrm{sec}$. at $105+\mathrm{rpm}$ with full recovery

PRO TIPS
This ride is relatively short and easy but cadence work adds huge quality
Friday

- Swim 3000 m and run 4 mi .
- Swim: Include $10 \times$ ( 50 sprint with 30 sec. rest then 100 easy with 10 sec . rest then 100 fast with 40 sec . rest)
- Run: 1 mi . easy then 2 mi . fartleks then 1 mi . easy


## PRO TIPS

By adding intense efforts you can expect breakthroughs in fitness and times

## Saturday

- Brick: Ride 100 mi . and run 8 mi .
- Ride all easy and in total comfort
- Run 2 mi . strong and 6 mi . easy
- This is perhaps the best opportunity to duplicate race conditions


## PRO TIPS

Map the ride

- Time and pace the ride to your expected race
- Apply exactly what you expect to eat on race day

Week 23
Sunday

- Swim 1.5 mi . in open water
- Stay relaxed and sight often to confirm direction
- Run 7 mi . easy

PRO TIPS
Minimize head lift in open water

- Glance up often to reduce zigzag effect.

Monday

- Ride 30 mi .
- Ride flat
- Ride 15 mi . easy at 85 rpm then 12 mi . strong at 105 rpm


## PRO TIPS

Cooldown and stretching are what allow workouts ahead to happen

```
Tuesday
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- Off


## Wednesday

- Swim 2900 m
- Include $10 \times 100 \mathrm{~s}$ with 20 sec . rest and $10 \times 100 \mathrm{~m}$ with 10 sec . rest
- Run 8 mi .
- Include 4 mi . of fartleks


## PRO TIPS

Find your favorite shoes in the make and model you'll want to wear on race day

- Break in those shoes to perfection and then set them aside - broken in and not broken down


## Thursday

- Ride 30 mi .
- Ride a flat route
- Include $4 \times 15 \mathrm{~min}$. well over race pace pushing strong at 80 rpm with only 2 min . recovery


## PRO TIPS

This cadence is a bit lower than normal

- Muscles will burn but grow stronger

Friday

- Swim 3200 m
- Include $10 \times 100 \mathrm{~s}$ with 15 sec . rest and $10 \times 100 \mathrm{~s}$ with 10 sec . rest
- Run 5 mi. all easy
- The pace at which you swim the 100 s today can be extrapolated to estimate your Ironman swim time
- 3800 m is the Ironman swim distance


## PRO TIPS

Add a bit of time to eliminate the value of the wall push

- Wetsuit-legal Ironman swims are faster than non-wetsuit races
- Salt water's buoyancy makes for a bit faster race too

Saturday

- Ride 110 mi.
- Ride mostly flat
- Include $8 \times 20 \mathrm{~min}$. well beyond race pace


## PRO TIPS

Aero position can and should also be a comfortable position

- A professional bike fit is worth the bike's weight in gold
- Do not put up with numbness and pain

Week 24
Sunday

- Run 11 mi.
- Run this one in the hills or on trail
- Run easy
- Keep heart rate steady the whole way

PRO TIPS
Trail surface is easier on the body than concrete

- Carrying water during the run has become easier
- Race day will offer aid stations every mi. so you may not need to haul hydration along with you


## Monday

- Off
- Drink in this rest week
- Reduce caloric intake compared to higher-volume training weeks
- Read "Ironman Protein Needs" at IronmanPower.com
- We go strong starting next week for our final build to Ironman!

Tuesday

- Swim 1400 m
- Keep pieces easy and short with lots of rest between
- Ride 15 mi .
- Ride flat and make it completely comfortable


## PRO TIPS

Recovery weeks allow the body to heal

- Training during this time is light but active so that no fitness is lost


## Wednesday

- Run 5 mi .
- Run on flat and soft surface
- Run easy and steady and smooth

PRO TIPS
When the heel snaps up the knee drives forward and the foot touches down early

- The leg resembles a wheel - so just let your wheels roll easily during this run


## Thursday

- Off
- Keep up hydration even on rest days

Friday

- Swim 1200 m
- Include $8 \times$ ( 50 easy with 15 sec . rest and 50 moderate with 20 sec . rest)
- Run 6 mi. with some easy hills


## PRO TIPS

Confirm race-day goggles' tightness of strap

- Some athletes like to wear the strap under the cap on race day to protect from having goggles bumped off
- Test this and everything else in training first
- Nothing New on Race Day!!


## Saturday

- Ride 45 mi .
- Ride flat and keep heart rate low and comfortable

PRO TIPS
Right down to the most minor detail all race-day decisions must be made in training

- Pick out the water bottles you'll have on your bike in T1 and the ones you'll place in your special-needs bag


## Week 25

Sunday

- Brick: Swim 2000 m and run 3 mi .
- Swim: Include $7 \times 200$ s steady with 20 sec. rest
- Run: Build into 1st mi. then ease back to comfort until end


## PRO TIPS

Run easy out of the water to allow blood to transfer from upper to lower body

## Monday

- Swim 4300 m
- Include $4 \times 1000$ descend each 1000 with 1 min. rest between
- Run 4 mi.
- Run flat but include 10 min . of fartleks in the middle


## PRO TIPS

We begin our final push to Ironman

- Only 3 more weeks of real training!


## Tuesday

- Stretch 30 min.
- Keep up with the body work: stretching and foam roller and massage etc.


## Wednesday

- Ride 25 mi . BHR
- Climb just $2 \times 5 \mathrm{~min}$. seated and focused then $4 \times 2 \mathrm{~min}$. all out with 5 min . recovery


## PRO TIPS

We're going to cap off the fitness with some explosive power

- Give it your all on the 42 -min. climbs

Thursday

- Swim 2800 m
- Include $4 \times 500$ descending with only 30 sec . rest
- Run 6 mi. easy and flat


## PRO TIPS

Do swim 1st and make it super powerful

- Run easy either immediately after or later in the day


## Friday

- Run 6 mi. RPT
- Run 0.5 mi . warm-up then 1 mi . moderate then 4 mi . strong then 0.5 mi . easy


## PRO TIPS

Keep core muscles engaged during entire run for greater stability

## Saturday

- Brick: Ride 70 mi . and run 12 mi .
- Ride easy for 40 mi . but finish with 30 mi . well beyond race pace
- Run 6 mi. easy and 6 mi. strong


## PRO TIPS

Again plan this run to mimic race-day topography and climate as best you can

- Put final touches on choices right down to the sunscreen you'll use


## Sunday

- Brick: Ride 30 mi . and run 10 mi
- Ride: Build by 10 mi . so last 10 are very strong
- Run 6 mi. fast and 4 mi . easy


## PRO TIPS

On race day ride in total comfort

- We train far harder than what race pace will be
- Sometimes pushing to save 10 min . on the bike can cost 1 hr . on the run

Monday

- Stretch 30 min .
- Recharge all of the body's batteries today

Tuesday

- Ride 20 mi .
- Ride flat
- Include $8 \times 30 \mathrm{sec}$. at 110 rpm with 2 min . recovery

PRO TIPS
Try this ride without socks and decide if you'll test a longer ride this weekend without as well

- Socks and bike shorts: These are some choices you'll have to make for race day
- Each choice boils down to the same thing: Comfort during ride or speed in transition?


## Wednesday

- Swim 3500 m
- Include $6 \times 500$ descend $1-3$ and $4-6$ with 45 sec . rest between each
- Run 5 mi . with 3 mi . of fartleks in the middle


## PRO TIPS

Elastic laces are faster in transition but regular ones may be more comfortable on long runs

- Decide which type you'll use on race day but do final testing in the next 2 weeks

Thursday

- Ride 30 mi .
- Ride flat
- Include $6 \times 1$ min. nearly all out with 5 -min. recovery interval

PRO TIPS
After intervals or long climbs spin legs loose and free with easy circles

- During races long climbs are often followed by long descents
- Keep circles going to help flush legs

Friday

- Swim 1500 m
- Swim golf $30 \times 50 \mathrm{~m}$ with 10 sec . rest


## PRO TIPS

Shoot for new low score

## Saturday

- Combo: Swim 3300 and ride 50 mi.
- Swim $3 \times 1000$ with 1 min. rest and build within each 1000 by 250 m
- Ride within 10 min . of leaving pool
- Ride hills easy and steady


## PRO TIPS

Hold off from eating until 10 min . into the bike

- Blood may find its way to legs faster if not distracted by digestion


## Week 27

Sunday

- Swim 2 mi. open water
- Start easy and build to include $4 \times 6$ min. strong
- Run 3 mi . easy after swim
- Apply some lubricant to your neck to keep wetsuit from chafing

PRO TIPS
Some athletes coat their bodies in cooking spray to allow wetsuits to slip off more easily - don't do this

- Cooking spray affects wetsuit rubber and inhibits body cooling

Monday

- Stretch 30 min .
- Final week of training
- Taper begins Monday

Tuesday

- Swim 4300 m
- $3 \times 800 \mathrm{~m}$ descend with 45 sec. rest then $3 \times 500$ descend with 30 sec. rest
- Run 4 mi .
- Run flat and include $6 \times 2 \mathrm{~min}$. fast with 1 min . recovery

PRO TIPS
Perform a few workouts in your race-day wear to confirm it's perfect

## Wednesday

- Ride 30 mi .
- Ride flat and steady and smooth at 90 rpm

PRO TIPS
Bring focus back to perfect circles

- At this cadence push scrape pull advance across the top

Thursday

- Run 14 mi.
- Run flat on 7-mi. course
- Run 1st loop moderate and then 2nd 90 sec. faster

PRO TIPS
Use race-day energy gel during this run and confirm that it's perfect!
Friday

- Swim 3600 m
- Include $8 \times(4 \times 50 \mathrm{~m}$ fast with 10 sec . rest and 200 easy with 1 min . rest)


## PRO TIPS

By pushing pace here on the 50 s you'll be more confident in the swim start on race day

## Saturday

- Brick: Ride 90 mi . and run 8 mi .
- Ride 90 steady and smooth
- Run 8 in total comfort


## Week 28

## Sunday

- Run 6 mi.
- Run flat and easy but include $4 \times 1 \mathrm{~min}$. fast at end

Monday

- Stretch 30 min.
- Taper begins!


## PRO TIPS

Plan to arrive at race site early to settle in and enjoy

## Tuesday

- Swim 1200 m
- Swim it easy any way you like


## PRO TIPS

Plan to shop for Ironman-branded clothes early — they frequently sell out

## Wednesday

- Run 4 mi.
- Run flat and easy in total comfort

```
Thursday
```

- Off

Friday

- Swim 1400 m
- Include some very short and very fast bits but swim everything else easy and with lots of rest


## PRO TIPS

Keep the body awake and alive

- Let it rest without letting it think that the pursuit of fitness is over


## Saturday

- Ride 35 mi .
- Ride flat and keep cadence high
- Include $6 \times 1 \mathrm{~min}$. strong with 5 min . recovery
- Inspect tires for race day

PRO TIPS
Worn tread and big cuts mean it's time to replace

- Plan to carry 2 tubes and a small patch kit and a mini-pump or 3 CO 2 s
- CO2s are not allowed on airplanes - consider this for traveling


## Week 29 <br> Sunday

- Swim 15 min. easy
- Run 10 min . on flat super easy but include $3 \times 30 \mathrm{sec}$. a bit faster with 2 min . easy between
- Hydrate today with both water and PowerBar® Recovery sports drink

Monday

- Stretch 30 min.
- Stretch easily
- Don't force anything today
- Run 4 mi.
- Run it flat and in comfort

Wednesday

- Swim 1000 m
- All short and easy


## Thursday

- Ride 30 min.
- Assemble bike as soon as you arrive at race location
- Ride 30 min. easy but put pressure in every gear
- Make sure it feels perfect
- If there's an issue with your bike from travel don't panic but don't delay either
- Find a mechanic at the expo or at a nearby shop to solve problems


## PRO TIPS

Get 8 or more hours of sleep tonight
Friday

- Rest
- Spend at least 2 hr . mid-day off your feet and out of the sun
- Look back over your training and gain confidence from all you've done!
- You know your pace
- You know your fuel
- You are ready


## PRO TIPS

Get 8 or more hours of sleep tonight
Saturday

- Race Ironman to a proud finish!


## PRO TIPS

Be calm and confident

- Think of this as nothing more than a well-catered training day

