



Performance Training in Football Refereeing Weekly Training Plan

WEEK 41 from Monday 11th to Sunday 18th of October Macrocycle IV, week 1 (Training week 19)

Mon. 11th: * Act. Rec. - 50' recovery session in a fitness centre, including st. stretching.
Tr. 70

Tue. 12th: * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
Tr. 71

* Warm up - 20' jogging, mobilisation and dynamic stretching.

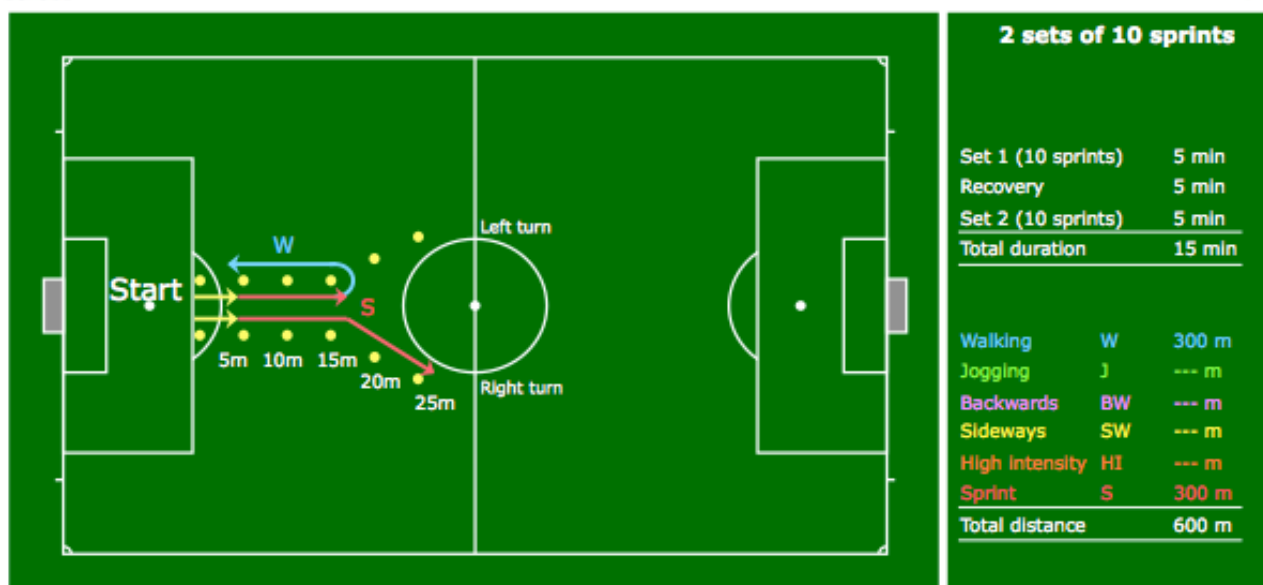
* Strength - 15' strength, core stability and injury prevention exercises.

* Speed/Agility - short sprints from a dynamic position (heel lifts, knee lifts,...).

- Set 1 (right turn):
(2 x 5m) - (2 x 10 m) - (2 x 15 m) - (2 x 20 m) - (2 x 25 m)

- Recovery: 5 min

- Set 2 (left turn):
(2 x 5m) - (2 x 10 m) - (2 x 15 m) - (2 x 20 m) - (2 x 25 m)



- In total, this exercise takes 15'. The total sprint distance is 300 m.

* High Int. - High intensity interval run in combination with decision making

Set 1: From start 1 & 2, run at high intensity to the other penalty area, turn around the cone (a beep signal is given for the timing) and return at the same pace to the penalty area (150 m in total in 30 sec). Watch carefully the incident on a big screen. Then walk to your coach to report the technical and disciplinary decision. Finally, walk back to the starting position and repeat this 10 to 12 times. No talking allowed with partner.

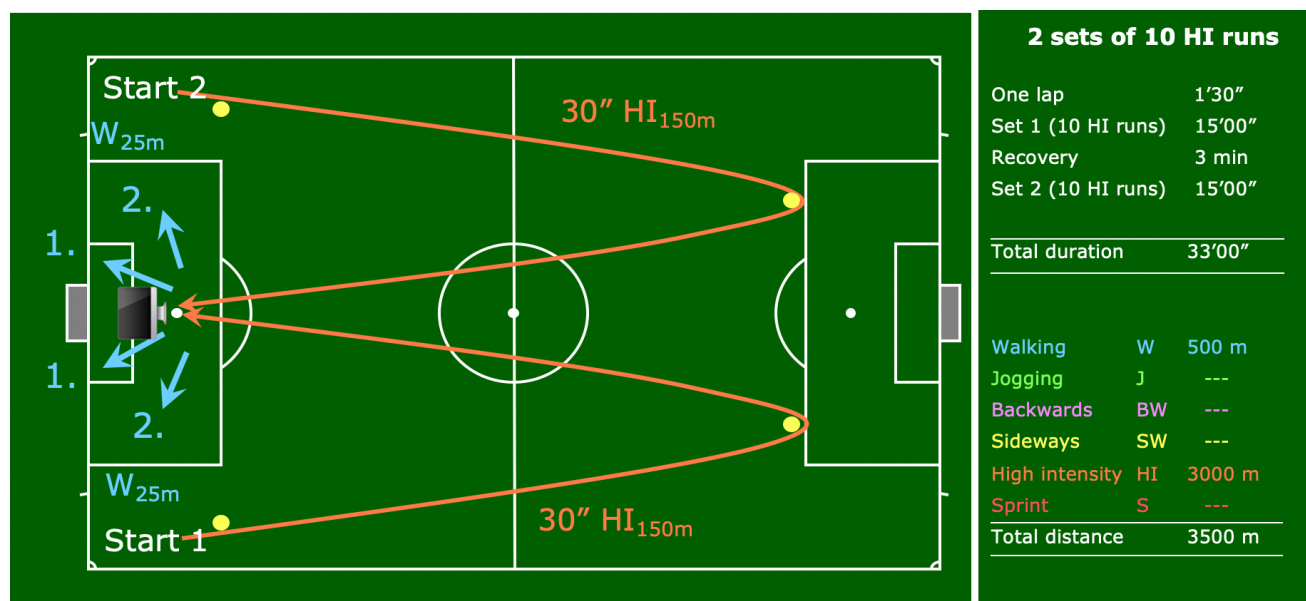


Performance Training in Football Refereeing Weekly Training Plan

- Recovery: 3 min

- Set 2: Same as set 1, however, we start on the opposite starting position to turn on the other shoulder.

- Perception & decision making: Following each run, there is a challenging incident shown on a big screen. You will first see an overview followed by a close-up. You need to take a technical and disciplinary decision.



* High Int. ARs - Yo-Yo based exercise as follows (by preference on natural grass):

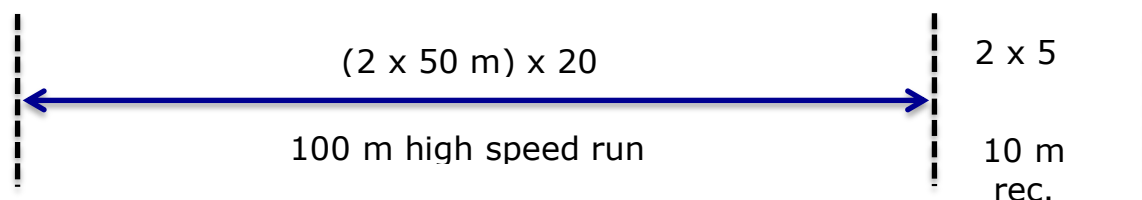
- Set 1:

- 2 shuttles x 50 m @ high speed (50 m – turn L - 50 m) in 20"
- 20" recovery walk (10 m)
- 10 reps in total

- 3' recovery

Turning

Start/Finish



- Set 2:

- 2 shuttles x 50 m @ high speed (50 m – turn L - 50 m) in 20"
- 20" recovery walk (10 m)
- 10 reps in total



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- All together, this exercise takes 15'20"
- 2000 m of high-intensity running, 200 m walking, 20 turns in total

- Take care to take each turn on a different foot so that you turn alternatively on your left and right shoulder!

- * Cool down - 5' jogging and walking, followed by 10' static stretching.

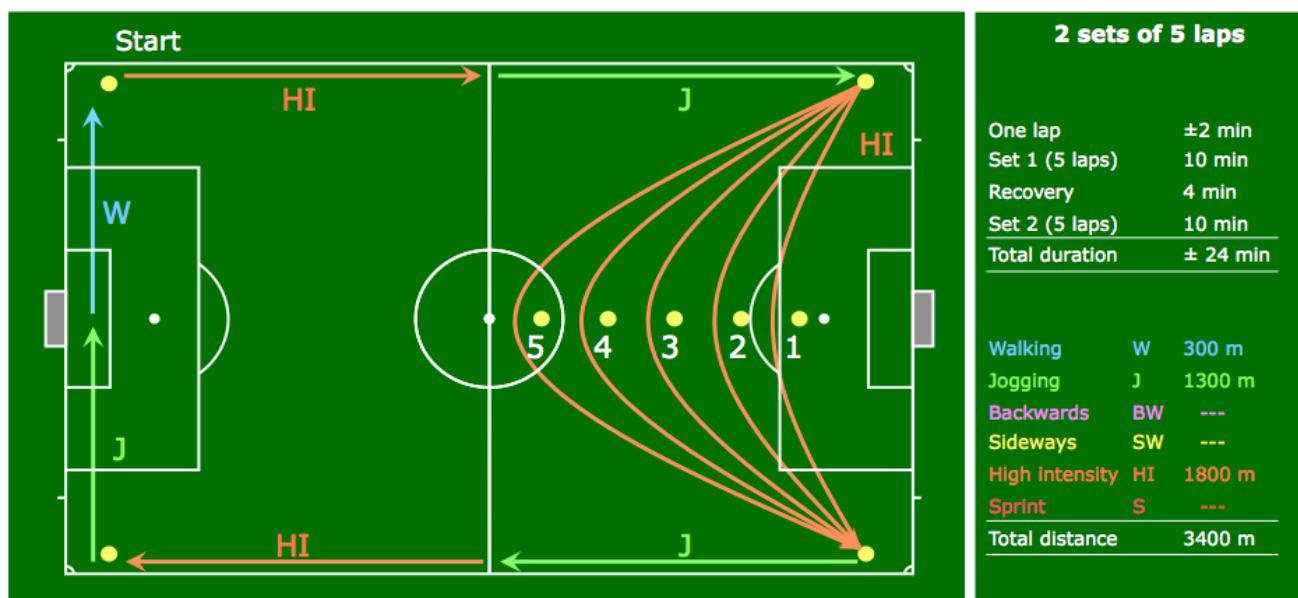
Total duration: 91' & 85'

Wed. 13th.

REST DAY

Thu. 14th.
Tr. 72

- * Low Int. - 5' jogging slowly building up to 70% HR_{max} (± 1 km).
- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Strength - 15' strength, core stability and injury prevention exercises.
- * High Int. - Set 1: Referees perform 5 laps
- From the start, run at the appropriate intensity around the pitch perimeter.
- However, on lap 1 run around cone 1, and so on up to cone 5 on lap 5, thus increasing the run distance with each subsequent lap.
- The running should be $\frac{3}{4}$ pace (the HR that it will elicit should be 85-94%HR_{max}).
- 2' recovery



- Set 2:
- However, on lap 1 start with cone 5, and on lap 5 finish with cone 1, thus decreasing the run distance with each subsequent lap.
- This exercise takes $\pm 22'$ (10' Set 1 + 2' recovery + 10' Set 2).

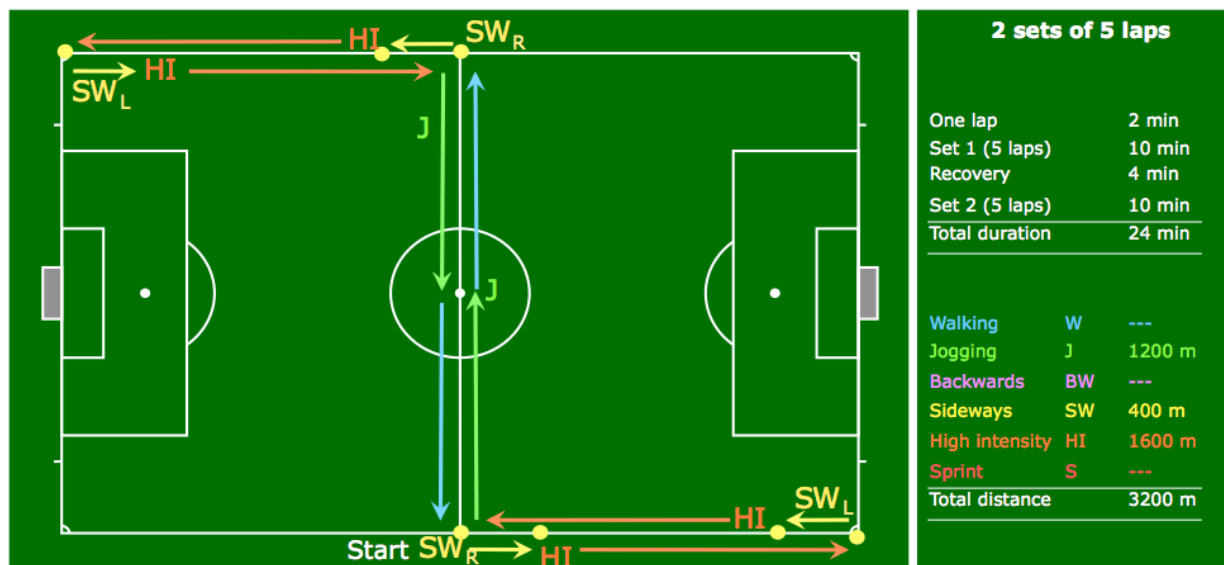


Performance Training in Football Refereeing

Weekly Training Plan

* HI for ARs

- While the referees perform their 2 sets of the HI exercise, the next HI exercise can be considered for the assistant referees.



Set 1: Run 5 laps of the speed endurance exercise as indicated in the picture.

Recovery: 4 min

Set 2: Run again 5 laps of the same exercise.

* Match

- 10' of match play or 10' of medium intensity jogging (80% HR_{max}).

* Cool down

- 5' jogging and walking, followed by 10' static stretching.

Total duration: 87'

Fri. 15th:

REST DAY

Sat. 16th:

* Warm up

- 20' jogging, mobilisation and dynamic stretching.

Tr. 73

* Speed

- Set 1:

- 1) 11 m sprint, 11 m jogging, walking to the start, 4 reps

- 2) 25 m sprint, 25 m jogging, walking to the start, 2 reps

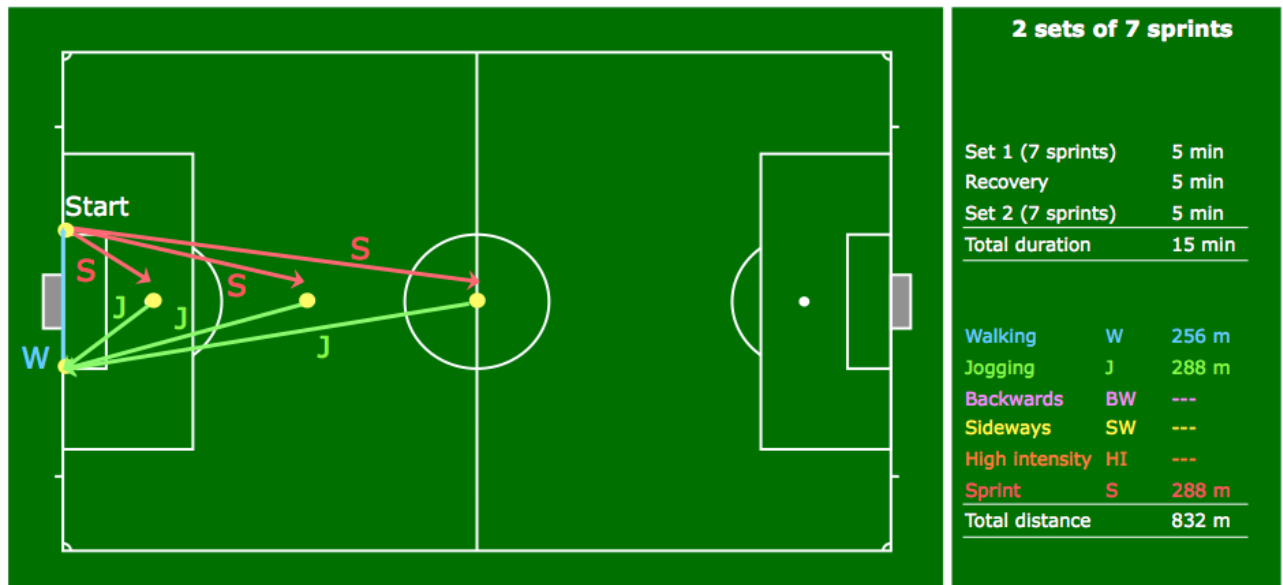
- 3) 50 m sprint, 50 m jogging, walking to the start, 1 rep

- 5' recovery and stretching

- Followed by a 2nd Set of 7 sprints.



Performance Training in Football Refereeing Weekly Training Plan



- The total exercise time is 15'. The total sprint distance is 288 m.

* Cool down - 5' jogging and walking, followed by 10' extensive stretching.

Total duration: 50'

Sun. 17th: If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis.

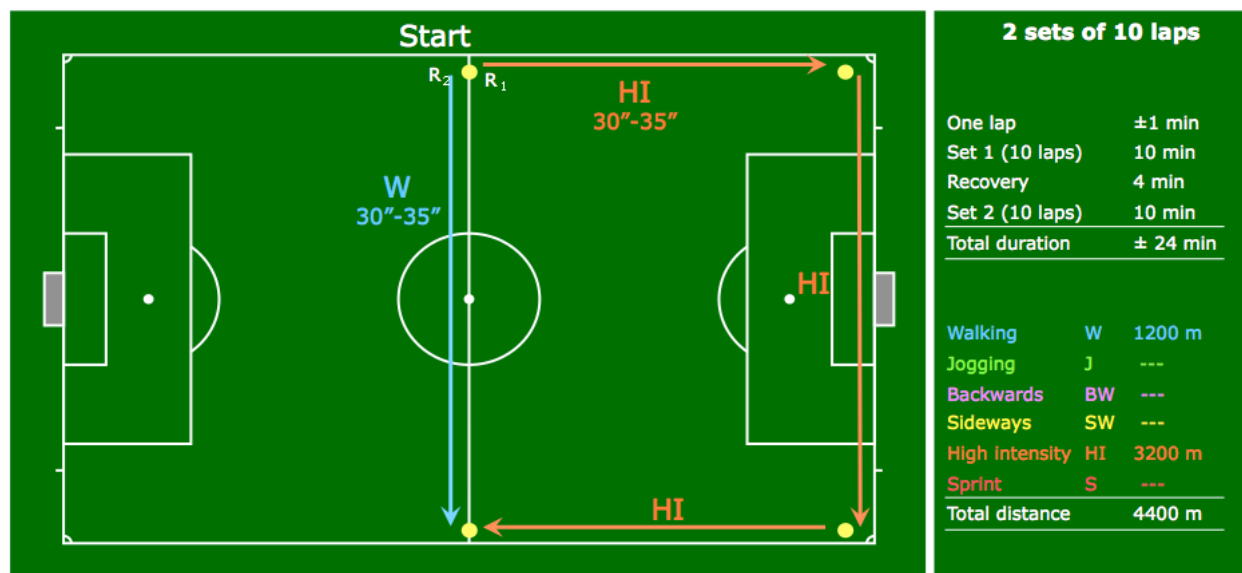


Performance Training in Football Refereeing Weekly Training Plan

WEEK 42 from Monday 18th to Sunday 24th of October Macrocycle IV, week 2 (Training week 20)

<u>Mon. 18th.</u> Tr. 74	* Act. Rec.	- 50' recovery session in a fitness centre, including st. stretching.
<u>Tue. 19th.</u> Tr. 75	* Low Int.	- 5' jogging slowly building up to 70% HR _{max} (\pm 1 km).
	* Warm up	- 20' jogging, mobilisation and dynamic stretching.
	* Strength	- 15' strength, core stability and injury prevention exercises.
	* High Int.	- <u>Set 1</u> : Referee 1 performs a HI run clockwise from the midline to the corner flag, then across the goal line to the other corner flag, and finally to the other side of the midline. In the meantime, Referee 2 has to cross the midline by walking or jogging. He has to arrive at the other side when Referee 1 arrives. When they meet, their roles change, i.e. Referee 2 performs a HI run counter-clockwise the same trajectory, while Referee 1 recovers by walking / jogging back to the starting position. The second set of the HI-runs starts on the other side of the field so that referees have to take the turns on the other shoulder. All together this exercise is done 5 full laps, or 10 HI-runs for each of the referees.

All together, this first run takes \pm 10' (1600 m HI running alternated with 600 m recovery for each referee).



- 2' recovery.
- Set 2: perform another 5 full laps (or 10 HI-runs for each).
- All together this exercise takes \pm 22'.
(10' Set 1 + 2' recovery + 10' Set 2)



Performance Training in Football Refereeing Weekly Training Plan

- * Cool down - 5' jogging and walking, followed by 10' static stretching.

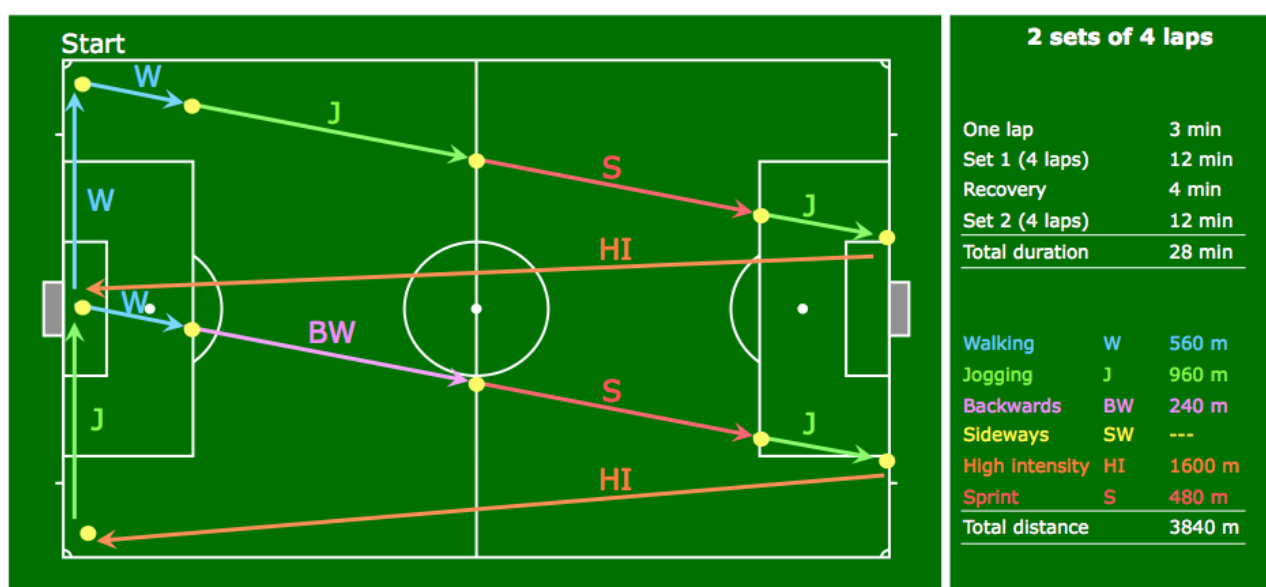
Total duration: 77'

Wed. 20th:

REST DAY

Thu. 21st:
Tr. 76

- * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Strength - 15' strength, core stability and injury prevention exercises.
- * High Int. - Submaximal Yo-Yo from the start until 15:8 for Referees and ARs.
- * Speed End. - Field exercise: Set 1: 4 laps of \pm 3' each.
- 4' recovery



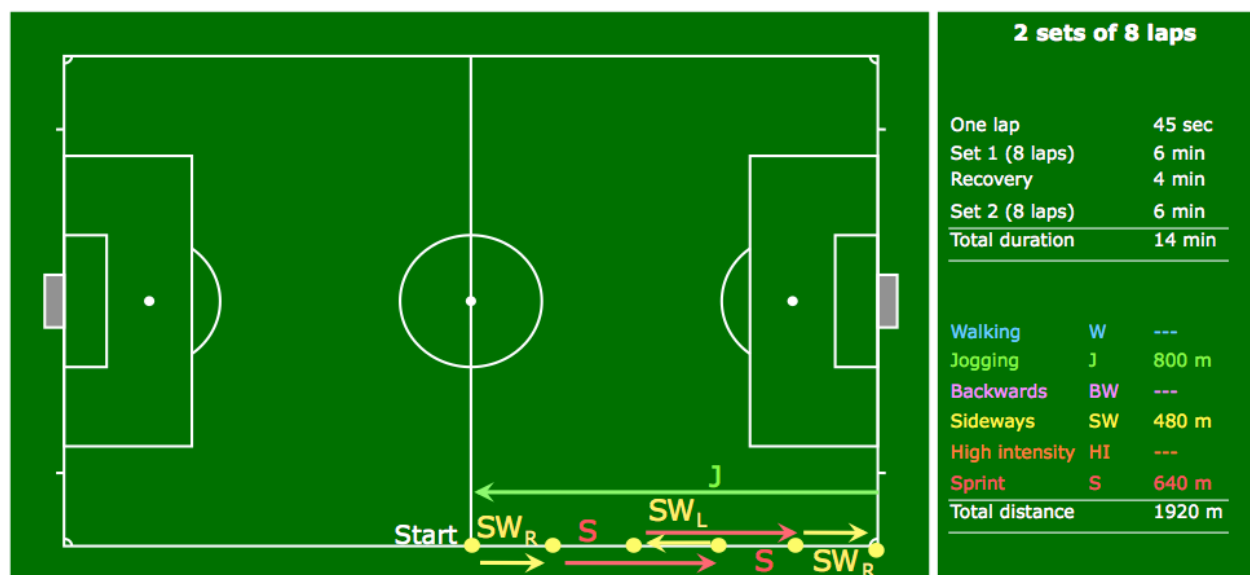
- Field exercise: Set 2: again 4 laps of \pm 3' each.

- All together this exercise takes \pm 28'.
(12' Set 1 + 4' recovery + 12' Set 2)

- * SE for ARs - While the referees perform their 2 sets of the SE exercise, the next SE exercise can be considered for the assistant referees.



Performance Training in Football Refereeing Weekly Training Plan



* Cool down - 5' jogging and walking, followed by 10' static stretching.

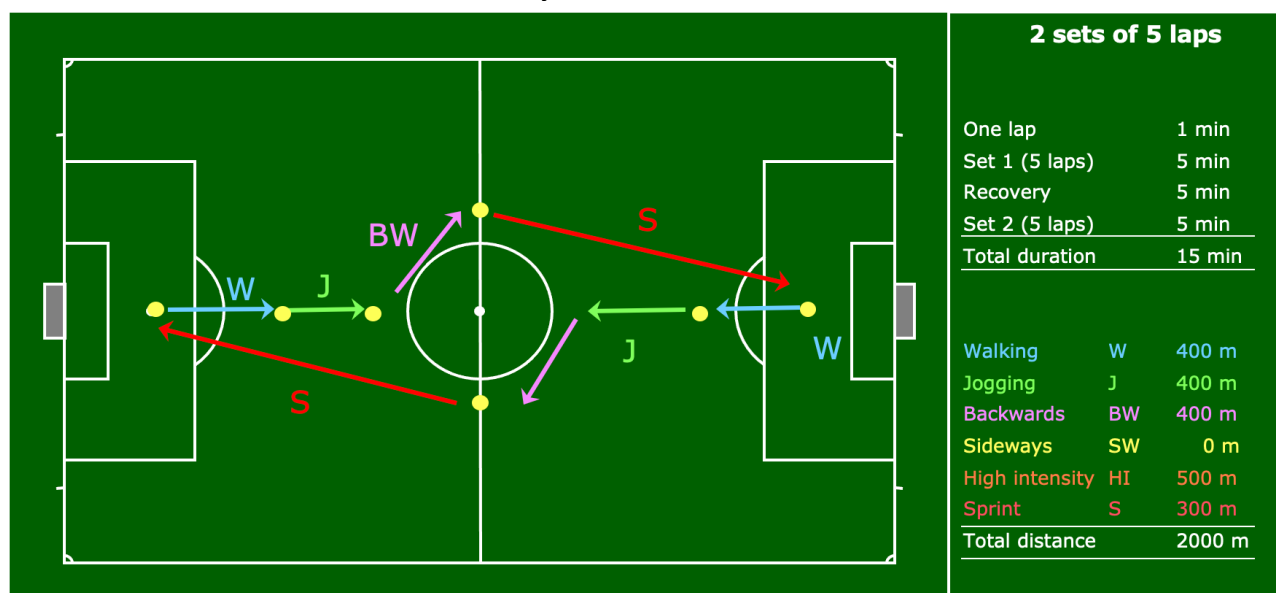
Total duration: 93'

Fri. 22nd:

REST DAY

Sat. 23rd:
Tr. 77

- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Speed - Set 1: Centre circle sprint, 5 x from start to finish (5').
- 5' recovery



- Set 2: Centre circle sprint, 5 x from start to finish (5').

- The total exercise time is 15'. The total sprint distance is 360 m.



Performance Training in Football Refereeing Weekly Training Plan

* Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 24th: If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis.



Performance Training in Football Refereeing Weekly Training Plan

WEEK 43 from Monday 25th to Sunday 31st of October Macrocycle IV, week 3 (Training week 21)

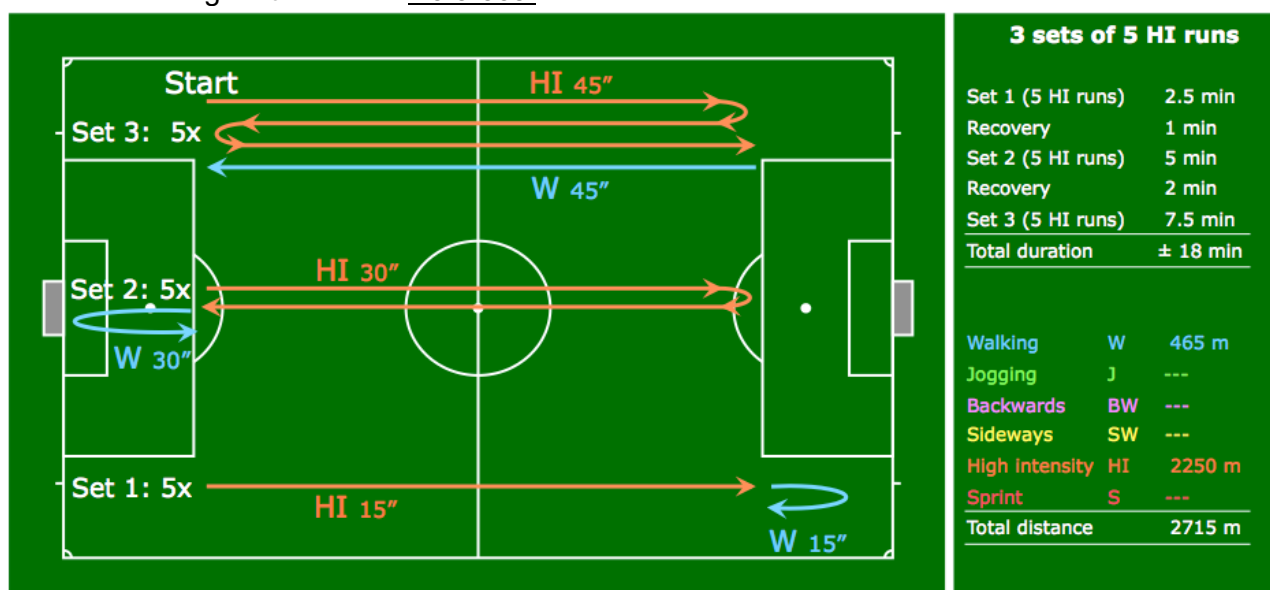
Mon. 25th: * Act. Rec. - 50' recovery session in a fitness centre, including st. stretching.
Tr. 78

Tue. 26th: * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
Tr. 79

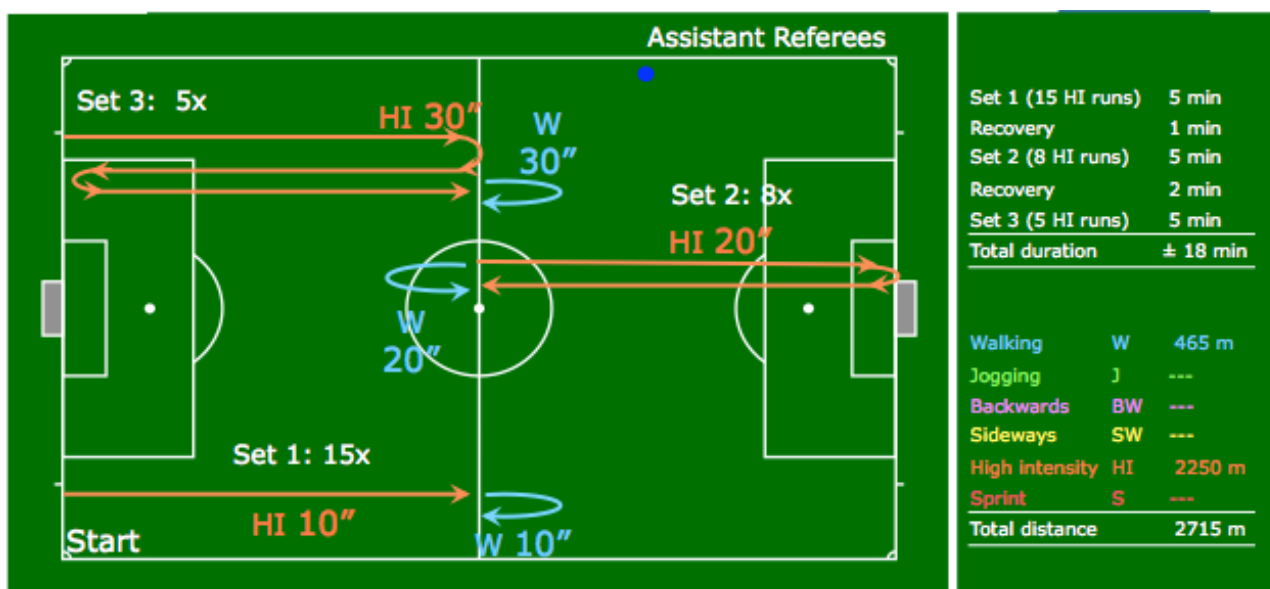
* Warm up - 20' jogging, mobilisation and dynamic stretching.

* Strength - 15' strength, core stability and injury prevention exercises.

* High Int. - Referees:



* High Int. - Assistant Referees:



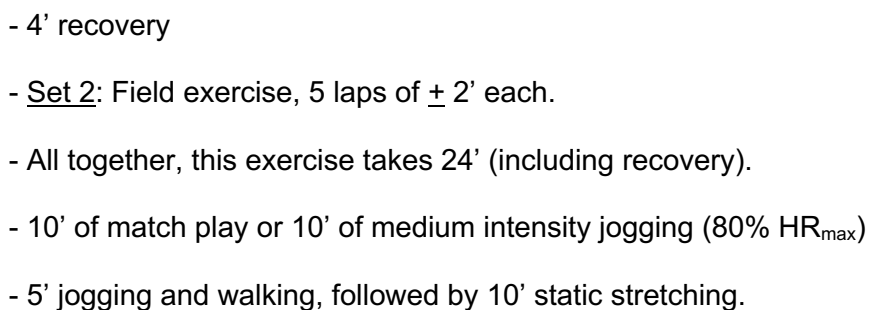


- Total duration: 85'

REST DAY

- * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Strength - 15' strength, core stability and injury prevention exercises.
- * Speed End. - Set 1: Field exercise for both REFs and ARs, 5 laps of + 2' each.

Each diagonal run is performed at minimum 95% SP_{max}.



Total duration: 89'

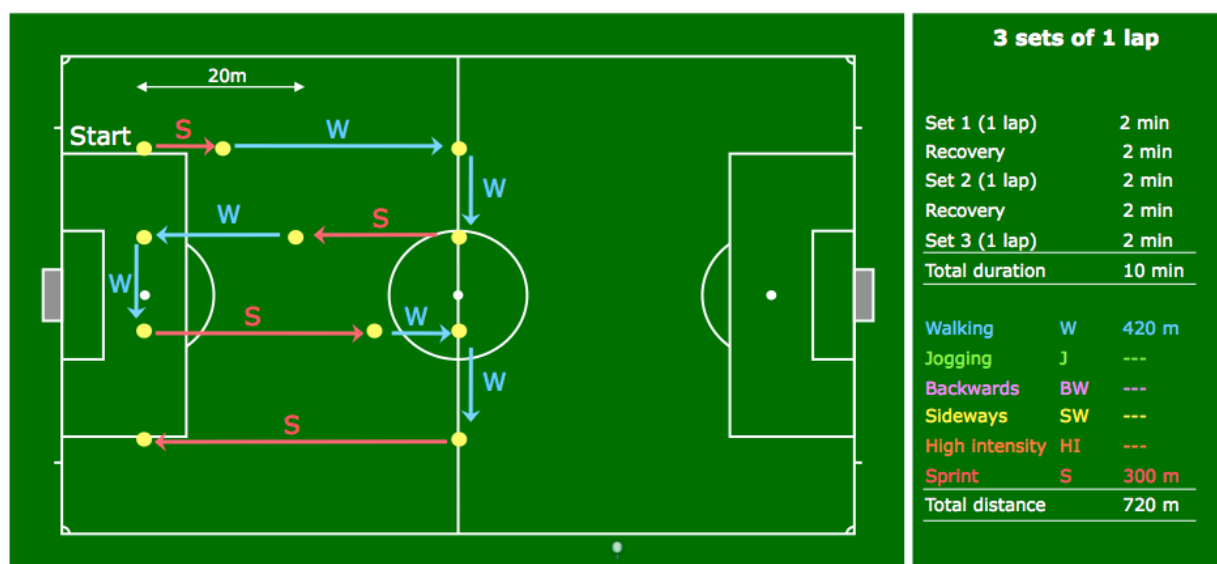
REST DAY



Performance Training in Football Refereeing Weekly Training Plan

Sat. 30th.
Tr. 81

- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Speed
 - Set 1: Sprint exercise with 12 sprints in total:
 - (1) Sprint for 10 m, then walk for 30 m.
 - (2) Sprint for 20 m, then walk for 20 m.
 - (3) Sprint for 30 m, then walk for 10 m.
 - (4) Sprint for 40m.
 - 2' recovery, stretching, and drinking break.
 - Set 2: Now start first with 40 m and then work down to 10 m.
 - 2' recovery, stretching, and drinking break.
 - Set 3: Now repeat Set 1.



- The total exercise time is 15'. The total sprint distance is 300 m.

- * Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 31st. If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis.



Performance Training in Football Refereeing Weekly Training Plan

WEEK 44 from Monday 1st to Sunday 7th of November Macrocycle IV, week 4 (Training week 22)

Mon. 1st. * Act. Rec. - 50' recovery session in a fitness centre, including st. stretching.
Tr. 82

Tue. 2nd. * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
Tr. 83

 * Warm up - 20' jogging, mobilisation and dynamic stretching.

 * Strength - 15' strength, core stability and injury prevention exercises.

 * High Int. - Set 1: takes 12' (8' HI running & 4' recovery jogging)
 - 20" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 40" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 60" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 2' at 90% HR_{max}, followed by 1' active recovery (jogging)
 - 2' at 90% HR_{max}, followed by 1' active recovery (jogging)
 - 60" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 40" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 20" at 90% HR_{max}, followed by 20" active recovery (jogging)

 - 2' recovery

 - Set 2: again 12' (8' HI running & 4' recovery jogging)
 - 20" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 40" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 60" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 2' at 90% HR_{max}, followed by 1' active recovery (jogging)
 - 2' at 90% HR_{max}, followed by 1' active recovery (jogging)
 - 60" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 40" at 90% HR_{max}, followed by 20" active recovery (jogging)
 - 20" at 90% HR_{max}, followed by 20" active recovery (jogging)

 - All together, this exercise takes 12' + 2' recovery + 12' = 26'

 * Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 81'

Wed. 3rd. REST DAY

Thu. 4th. * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
Tr. 84

 * Warm up - 20' jogging, mobilisation and dynamic stretching.

 * Strength - 15' strength, core stability and injury prevention exercises.

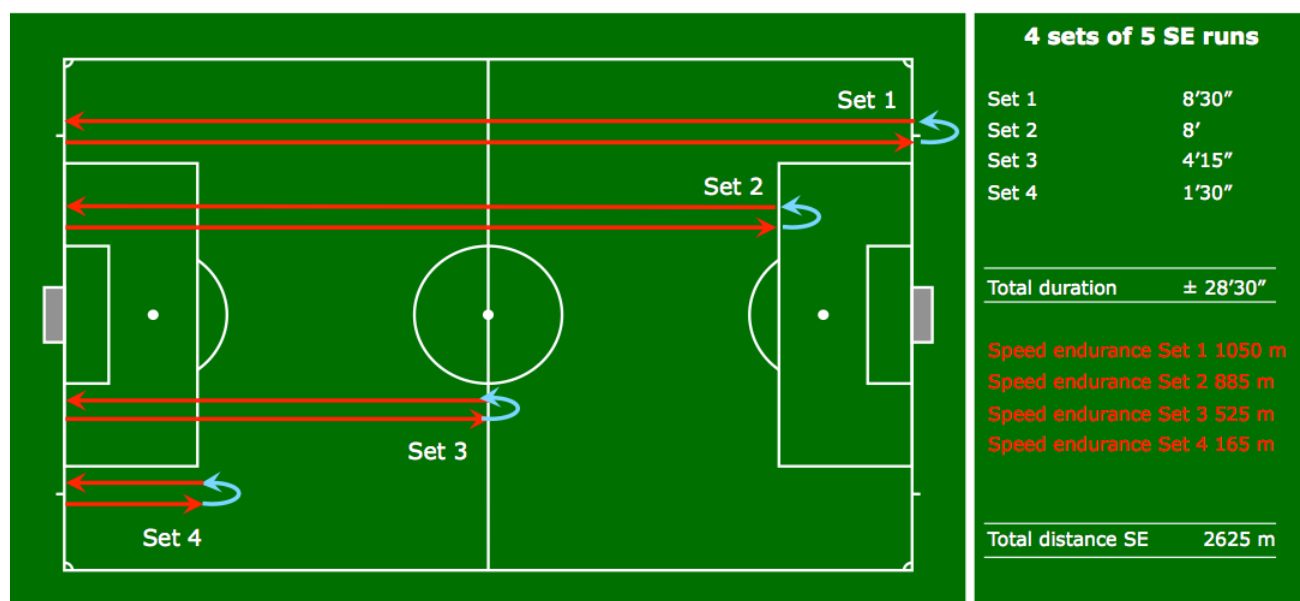
 * Speed End. - Each run is performed at minimum 95% SP_{max}.

 - Between each set, there is a 2' active recovery.



Performance Training in Football Refereeing Weekly Training Plan

- Set 1:
 - From goal line to goal line and back ($\pm 40''$)
 - 1' recovery
 - Repeat 5 x
 - Total duration is 8'30'' (incl. recovery time)
- Set 2:
 - From goal line to opposite penalty area and back ($\pm 35''$)
 - 1' recovery
 - Repeat 5 x
 - Total duration is 8' (incl. recovery time)



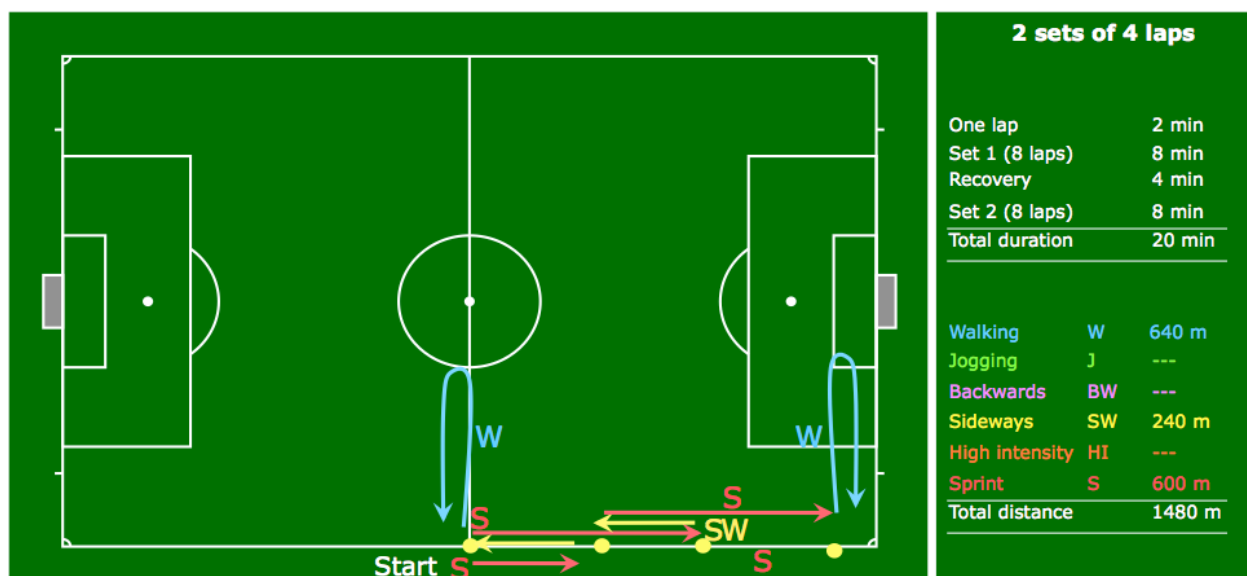
- Set 3:
 - From goal line to mid line and back ($\pm 20''$)
 - 30'' recovery
 - Repeat 5 x
 - Total duration is 4'15'' (incl. recovery time)
- Set 4:
 - From goal line to penalty area and back ($\pm 6''$)
 - 10'' recovery
 - Repeat 5x
 - Total duration is 1'30'' (incl. recovery time)
- All together, this exercise consists of 20 speed endurance runs and the duration of the total exercise is $\pm 28'30''$.

* SE for ARs

- While the referees perform their 2 sets of the SE exercise, the next SE exercise can be considered for the assistant referees



Performance Training in Football Refereeing Weekly Training Plan



- * Match - 10' of match play or 10' of medium intensity jogging (80% HR_{max})
- * Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 94'

Fri. 5th:

REST DAY

Sat. 6th:

Tr. 85

- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Speed - Short sprints from a dynamic position (heel lifts, knee lifts,...).
- Set 1 (right turn):
(2 x 10 m) - (2 x 20 m) - (2 x 30 m) - (2 x 40 m)
- 5' recovery
- Set 2 (left turn):
(2 x 40 m) - (2 x 30 m) - (2 x 20 m) - (2 x 10 m)



Performance Training in Football Refereeing Weekly Training Plan

Start

5 m 10 m 20 m 30 m 40 m

Left turn

Right turn

W

S

2 sets of 10 sprints

Set 1 (8 sprints)	4 min
Recovery	5 min
Set 2 (8 sprints)	4 min
Total duration	18 min

Walking	W	300 m
Jogging	J	--- m
Backwards	BW	--- m
Sideways	SW	--- m
High intensity	HI	--- m
Sprint	S	200 m
Total distance		500 m

- In total, this exercise takes 15'. The total sprint distance is 300 m.

* Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 7th: If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis.



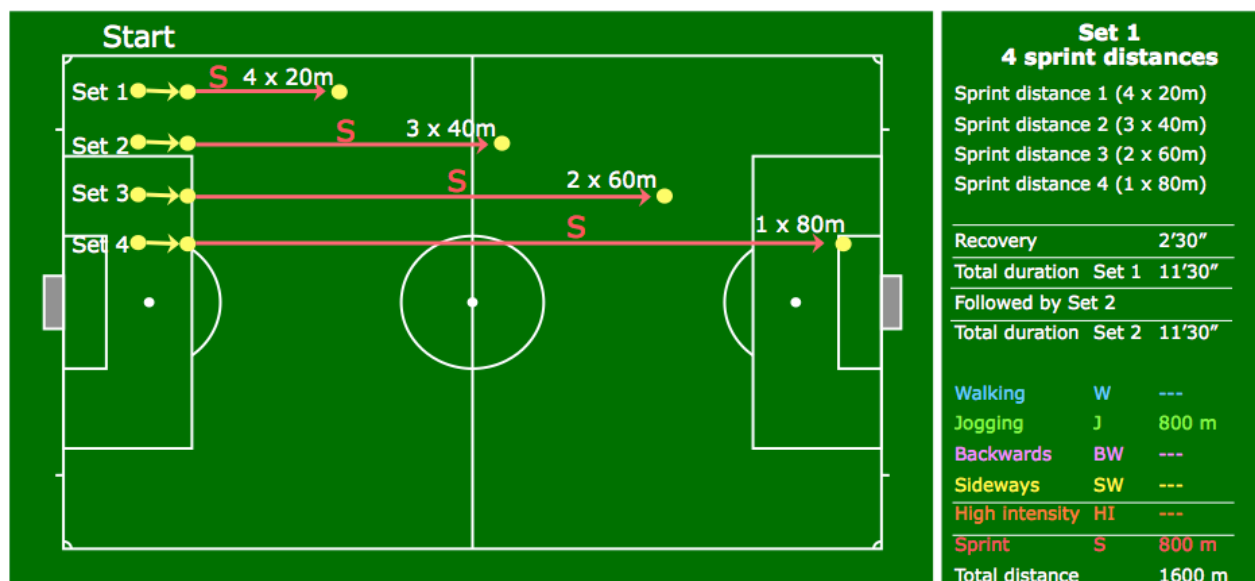
Performance Training in Football Refereeing Weekly Training Plan

WEEK 45 from Monday 8th to Sunday 14th of November Macrocycle IV, week 5 (Training week 23)

<u>Mon. 8th:</u> Tr. 86	* Act. Rec.	- 50' recovery session in a fitness centre, including st. stretching.
<u>Tue. 9th:</u> Tr. 87	* Low Int.	- 5' jogging slowly building up to 70% HR _{max} (\pm 1 km).
	* Warm up	- 20' jogging, mobilisation and dynamic stretching.
	* Strength	- 15' strength, core stability and injury prevention exercises.
	* RSA	- <u>Set 1</u> : using a dynamic start over a 5m course: <ul style="list-style-type: none">> 4 maximal 20 m sprints (\pm 3") with 20" active recovery (walking back)> 3 maximal 40 m sprints (\pm 6") with 40" active recovery (walking back)> 2 maximal 60 m sprints (\pm 9") with 1' active recovery (walking back)> 1 maximal 80 m sprint (\pm 12") with 1'20" active recovery (walking back)> Jog 1 lap of the pitch (\pm 2'30")> Duration <u>Set 1</u>: \pm 11'30"
		- <u>Set 2</u> : <ul style="list-style-type: none">> 1 maximal 80m sprint (\pm 12") with 1'20" active recovery (walking back)> 2 maximal 60 m sprints (\pm 9") with 1' active recovery (walking back)> 3 maximal 40 m sprints (\pm 6") with 40" active recovery (walking back)> 4 maximal 20 m sprints (\pm 3") with 20" active recovery (walking back)> Jog 1 lap of the pitch (\pm 2'30")> Duration <u>Set 2</u>: \pm 11'30"



Performance Training in Football Refereeing Weekly Training Plan



- The total duration of this RSA session is $\pm 23'$ including 5' active recovery.

* Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 78'

Wed. 10th.

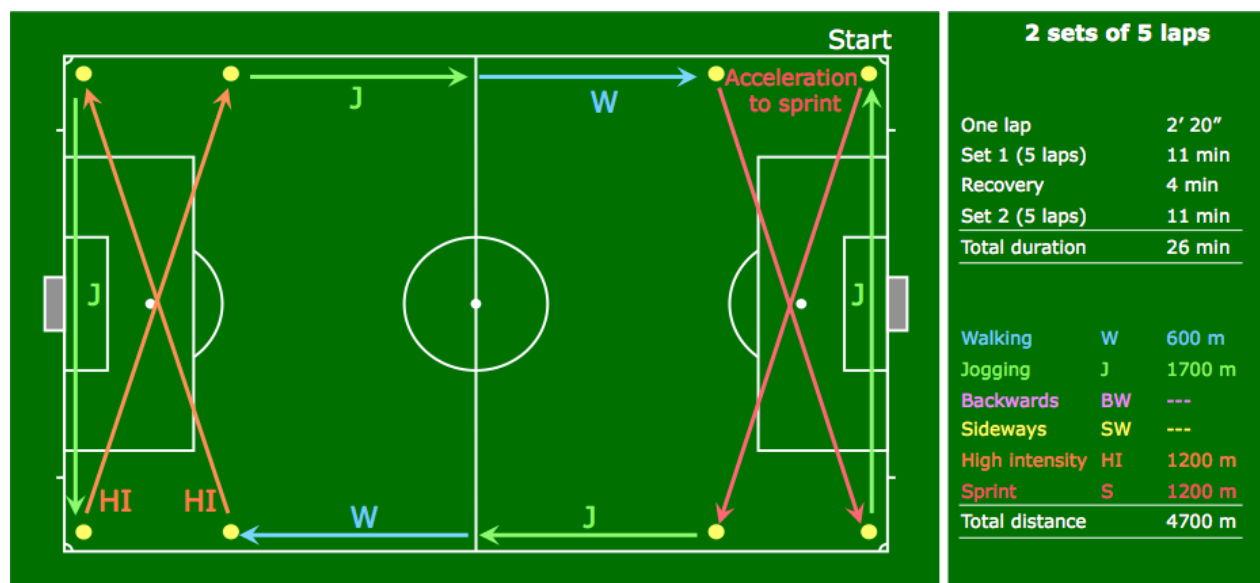
REST DAY

Thu. 11th.
Tr. 88

- * Low Int. - 5' jogging slowly building up to 70% HR_{max} (± 1 km).
- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Strength - 15' strength, core stability and injury prevention exercises.
- * Speed End.
 - Set 1: Field exercise, 5 laps or 10 high speed runs and 10 accelerations to minimum 95% SP_{max} , starting at either one of the starting positions. This first run will take $\pm 11'$.
 - 4' recovery
 - Set 2: Field exercise, again 5 laps or 20 high speed runs
 - Again, this second run will take $\pm 11'$.



Performance Training in Football Refereeing Weekly Training Plan



- All together, this exercise takes 11' + 4' recovery + 11' = 26'.

- The total distance covered in both HI and SE running is 1250 m.

* Match

- 10' of match play or 10' of medium intensity jogging (80% HR_{max}).

* Cool down

- 5' jogging and walking, followed by 10' static stretching.

Total duration: 91'

Fri. 12th:

REST DAY

Sat. 13th:

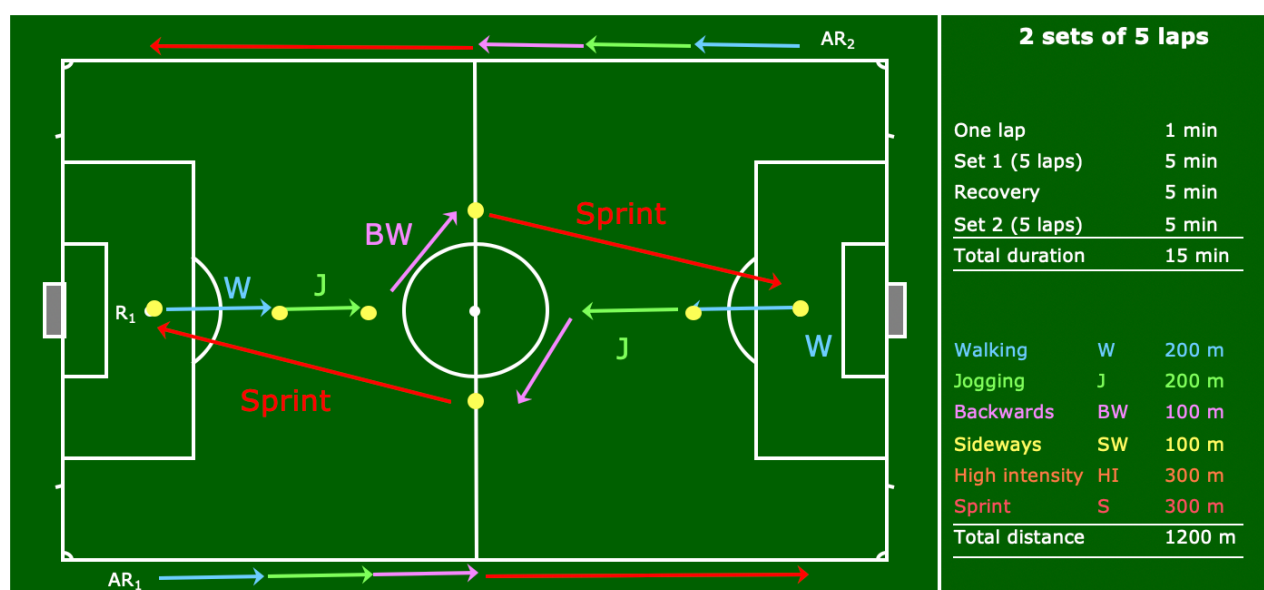
* Warm up

- 20' jogging, mobilisation and dynamic stretching.

Tr. 89

* Speed

- Set 1: Variation on centre circle sprint, 4 x from start to finish (5').
ARs use their flags and stay in line with the referee





Performance Training in Football Refereeing Weekly Training Plan

- 5' recovery and stretching.

- Set 2: Centre circle sprint, 5 x from start to finish (5').

* Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 14th: If you don't have a match appointment for the domestic league, use your free time for additional recovery, or to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis.



Performance Training in Football Refereeing Weekly Training Plan

WEEK 46 from Monday 15th to Sunday 21st of November Macrocycle IV, week 6 (Training week 24)

Mon. 15th: * Act. Rec. - 50' recovery session in a fitness centre, including st. stretching.
Tr. 90

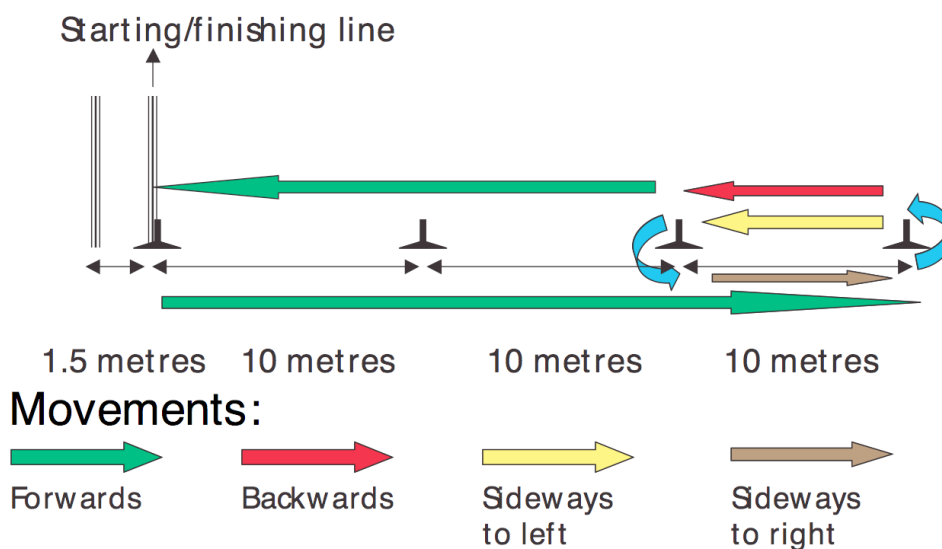
Tue. 16th: * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
Tr. 91

* Warm up - 20' jogging, mobilisation and dynamic stretching.

* Strength - 15' strength, core stability and injury prevention exercises.

* Speed/Agility - Set 1: 80 m agility exercise, 1' rest, 4 reps.

- The exercise should be done at sprint pace, but with the correct variation in movements; forward, sideways (2 x), backwards, forwards.



- 2' recovery, stretching and drinking break.
- Perform a 2nd set of this exercise (4 reps).
- 2' recovery, stretching and drinking break.
- The total duration of this speed/agility session is \pm 16' including 5' active recovery.



- | Duration | Distance | Meterage | Parameters | Standing | Walking | Low speed jogging | Medium speed running | High speed running | Sprint |
|----------|----------|------------|------------|---------------|------------------|-------------------|----------------------|--------------------|--------|
| 94'13" | 7747.8 m | 82.3 m/min | Time: | 38'36" 41 % | 27'41" 29.4 % | 14'27" 15.3 % | 5'57" 6.3 % | 7'30" 8 % | 0'00" |
| | | | Distance: | 10.6m 0.1 % | 1107.7m 14.3 % | 2126.3m 27.4 % | 1414.3m 18.2 % | 3088.9m 39.9 % | 0m |
- Heart rate
-
- The graph displays heart rate data over time. The x-axis represents time in hours, minutes, and seconds (h:m:s), ranging from 18:02 to 18:36. The y-axis represents heart rate in beats per minute (b/min), ranging from 60 to 220. A green line shows the heart rate, which fluctuates between approximately 60 and 180 b/min. A blue line shows the distance, which increases from 0 to approximately 10.6 km. A red oval highlights a segment of the heart rate data, specifically the period between 18:02 and 18:08, where the heart rate is relatively stable around 120-140 b/min.

9 x 15/15
675 m

- Total duration: 95'

REST DAY

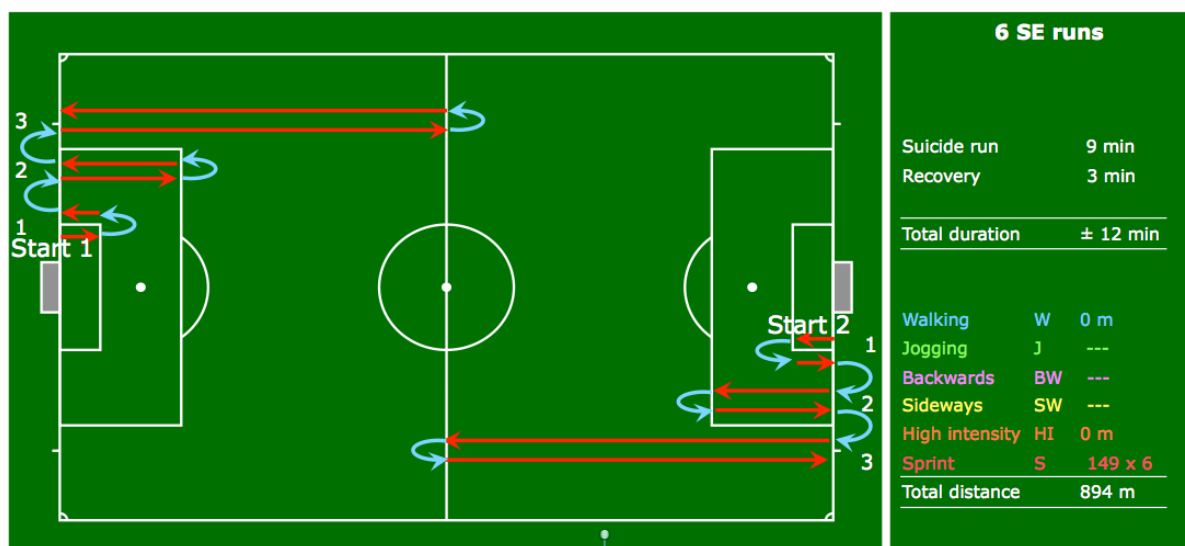
- * Low Int. - 5' jogging slowly building up to 70% HR_{max} (\pm 1 km).
- * Warm up - 20' jogging, mobilisation and dynamic stretching.
- * Strength - 15' strength, core stability and injury prevention exercises.
- * Speed End. - 'Suicide run':
 - Sprint from the goal line to goal area line and back.
 - Then immediately sprint from the goal line to the edge of the penalty area and back.
 - Finally, sprint to the halfway line and back.
 - 1' rest.
 - Repeat 6 x.
 - For each run, the reference time is < 25" (very good), < 30" (good).



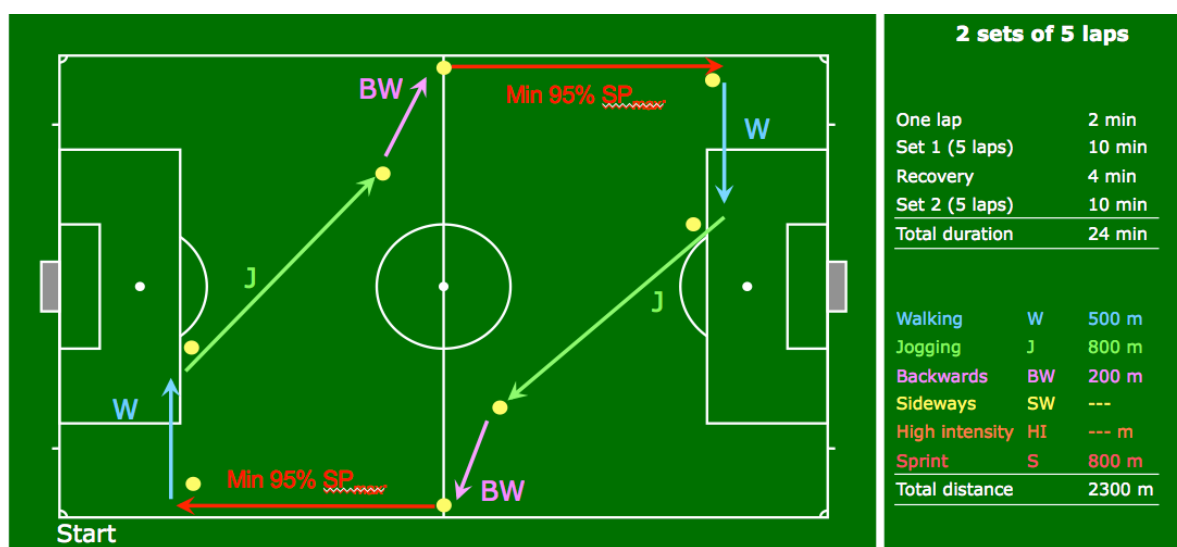
Performance Training in Football Refereeing Weekly Training Plan

In case of group sessions, 2 starting positions can be used (i.e. figure).

- 4' recovery



* Speed End. - Just 1 Set of 5 laps: 'Referee run': 10'



- 3' recovery

- All together, this training session takes 9' + 3' recovery + 10' + 3' recovery = 25'.

- * Match - 10' of match play or 10' of medium intensity jogging (80% HR_{max}).
- * Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 87'

Fri. 19th.

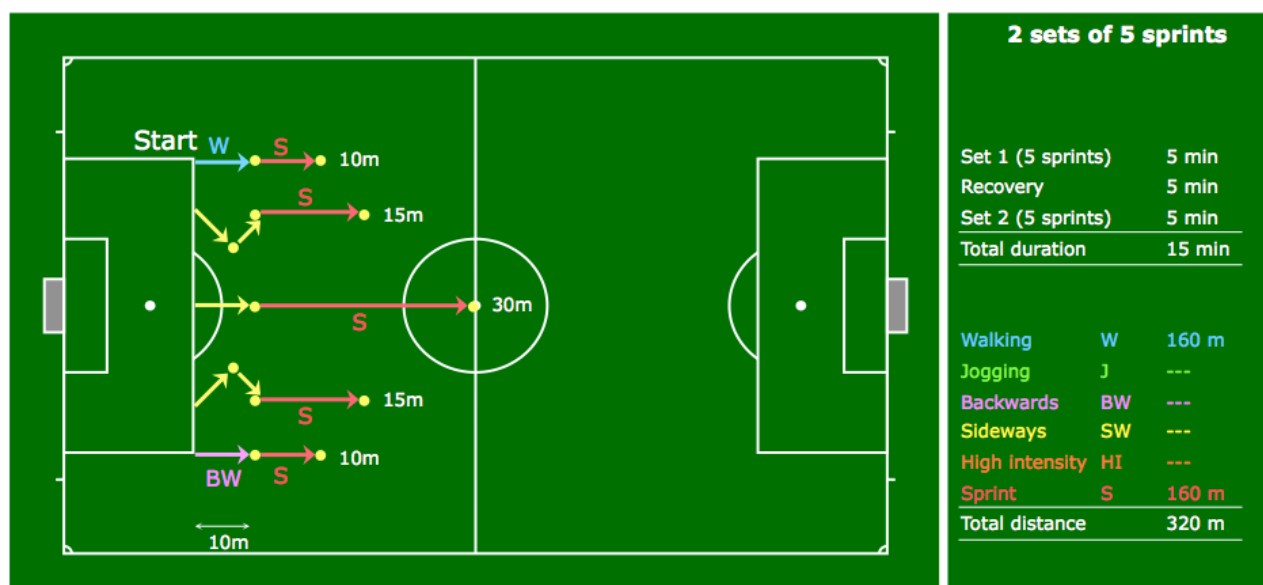
REST DAY



Performance Training in Football Refereeing Weekly Training Plan

Sat. 20th. * Warm up - 20' jogging, mobilisation and dynamic stretching.
Tr. 93

- * Speed/Agility
- Set 1:
 - 5 x sprints as illustrated below
 - Slow walk back to the start after each sprint
 - Start each run on every 60"
 - 5' recovery and stretching



- Set 2:
- Repeat Set 1

- The total duration is 15', with the total sprint distance being 320 m.

- * Cool down - 5' jogging and walking, followed by 10' static stretching.

Total duration: 50'

Sun. 21st. If you don't have a match appointment for the domestic league, use your free time for additional recovery, or use your free time to work on any fitness weaknesses you might have (e.g., aerobic endurance, strength, injury prevention,...).

Alternatively, you may also consider other intermittent activities such as playing badminton, football, squash, or tennis.