

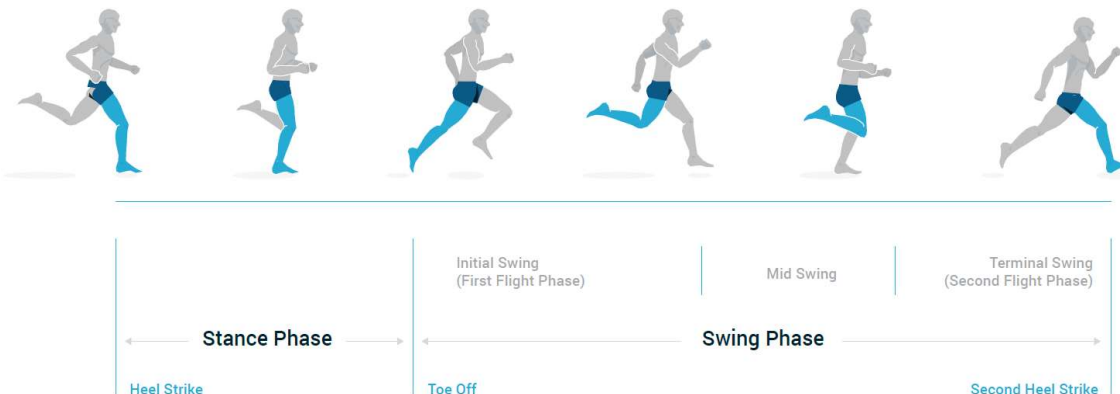


**Patient**  
Project Running

**Record**  
Name Running 7.0 mph  
Date Measured 2/11/2021 13:19



## Running Phases



## Running Phase Parameters

| Parameter           | Side  | Running 7.0 mph        | Long Mileage Base Pace | Diff, % |
|---------------------|-------|------------------------|------------------------|---------|
| Stance phase, %     | Left  | Running 7.0 mph        | 32.8±1.2               | -12.9   |
|                     |       | Long Mileage Base Pace | 37.6±2.5               |         |
|                     |       | Diff, %                |                        |         |
| Stance phase, %     | Right | Running 7.0 mph        | 31.6±1.2               | -15.4   |
|                     |       | Long Mileage Base Pace | 37.4±0.8               |         |
|                     |       | Diff, %                |                        |         |
| Swing phase, %      | Left  | Running 7.0 mph        | 67.2±1.2               | 7.8     |
|                     |       | Long Mileage Base Pace | 62.4±2.5               |         |
|                     |       | Diff, %                |                        |         |
| Swing phase, %      | Right | Running 7.0 mph        | 68.4±1.2               | 9.2     |
|                     |       | Long Mileage Base Pace | 62.6±0.8               |         |
|                     |       | Diff, %                |                        |         |
| Stance duration, ms | Left  | Running 7.0 mph        | 243±11                 | -13.6   |
|                     |       | Long Mileage Base Pace | 281±6                  |         |
|                     |       | Diff, %                |                        |         |
| Stance duration, ms | Right | Running 7.0 mph        | 234±10                 | -17.5   |
|                     |       | Long Mileage Base Pace | 284±7                  |         |
|                     |       | Diff, %                |                        |         |
| Swing duration, ms  | Left  | Running 7.0 mph        | 498±4                  | 6.3     |
|                     |       | Long Mileage Base Pace | 468±40                 |         |
|                     |       | Diff, %                |                        |         |
| Swing duration, ms  | Right | Running 7.0 mph        | 506±8                  | 6.5     |
|                     |       | Long Mileage Base Pace | 475±7                  |         |
|                     |       | Diff, %                |                        |         |

## Running Time Parameters

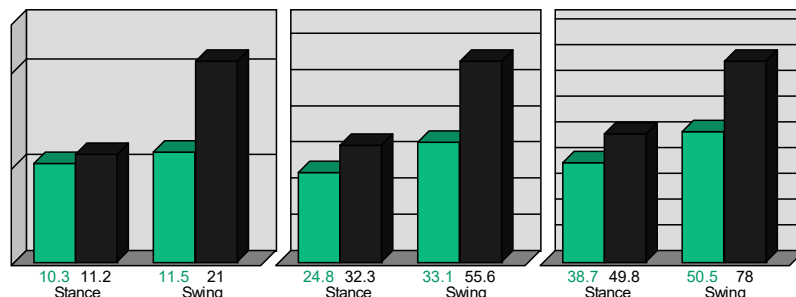
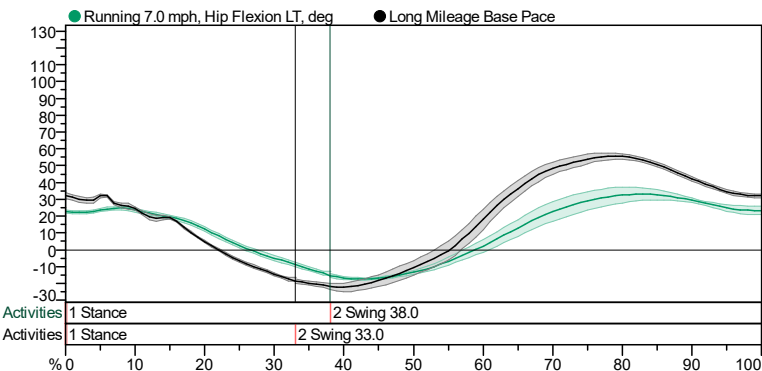
| Parameter         | Side  | Running 7.0 mph        | Long Mileage Base Pace | Diff, % |
|-------------------|-------|------------------------|------------------------|---------|
| Step time, ms     | Left  | Running 7.0 mph        | 372±4                  | -1.8    |
|                   |       | Long Mileage Base Pace | 379±29                 |         |
|                   |       | Diff, %                |                        |         |
| Step time, ms     | Right | Running 7.0 mph        | 368±4                  | -1.8    |
|                   |       | Long Mileage Base Pace | 374±5                  |         |
|                   |       | Diff, %                |                        |         |
| Stride time, ms   | Left  | Running 7.0 mph        | 740±7                  | -1.8    |
|                   |       | Long Mileage Base Pace | 753±30                 |         |
|                   |       | Diff, %                |                        |         |
| Stride time, ms   | Right | Running 7.0 mph        | 740±7                  | -1.8    |
|                   |       | Long Mileage Base Pace | 753±30                 |         |
|                   |       | Diff, %                |                        |         |
| Cadence, step/min | Left  | Running 7.0 mph        | 162±1                  | 1.6     |
|                   |       | Long Mileage Base Pace | 160±8                  |         |
|                   |       | Diff, %                |                        |         |
| Cadence, step/min | Right | Running 7.0 mph        | 162±1                  | 1.6     |
|                   |       | Long Mileage Base Pace | 160±8                  |         |
|                   |       | Diff, %                |                        |         |

Average Period

Mean, deg

Maximum, deg

Range, deg





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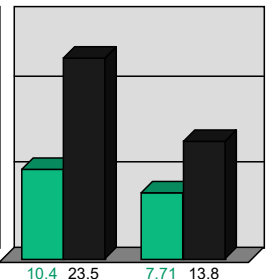
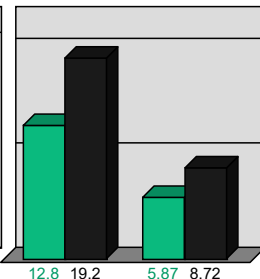
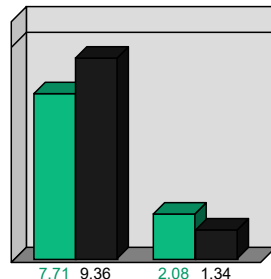
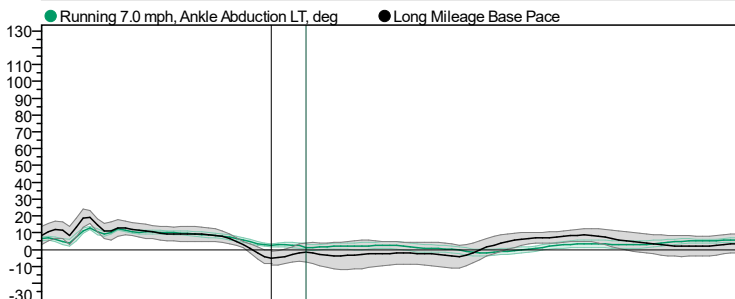
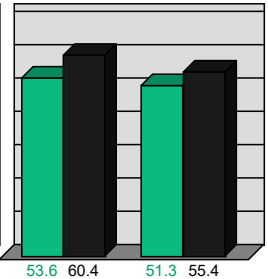
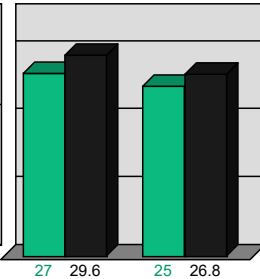
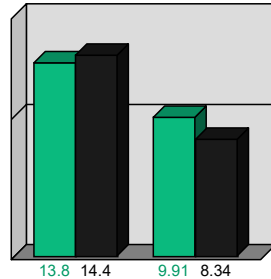
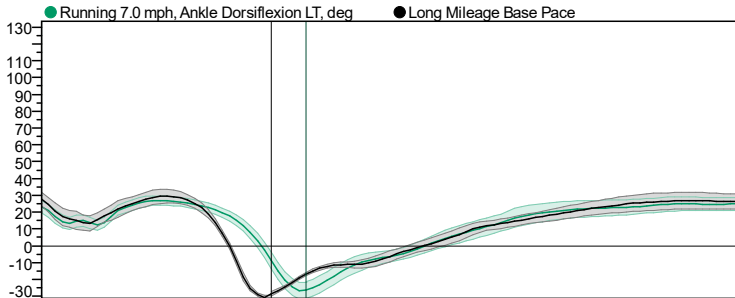
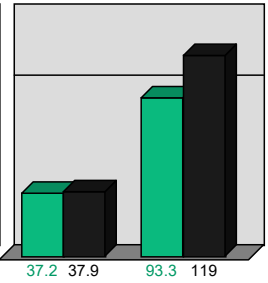
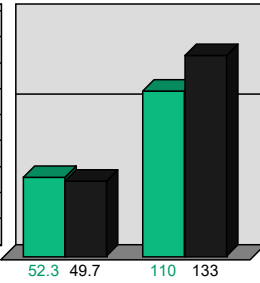
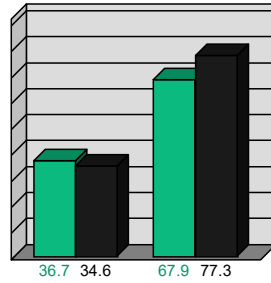
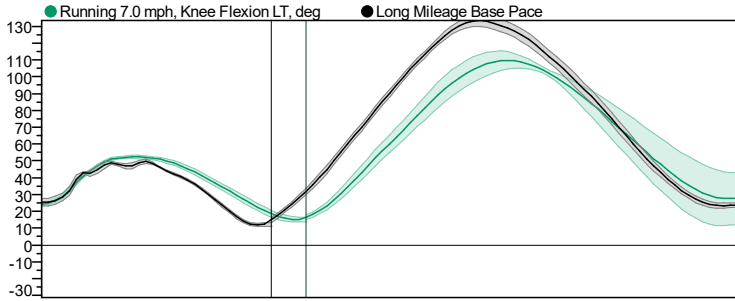


### Average Period

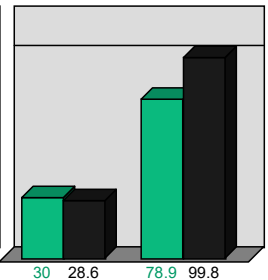
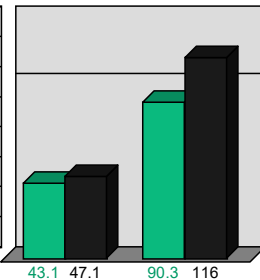
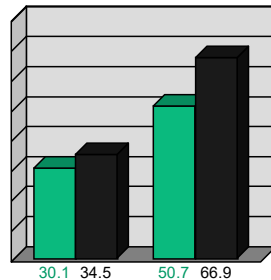
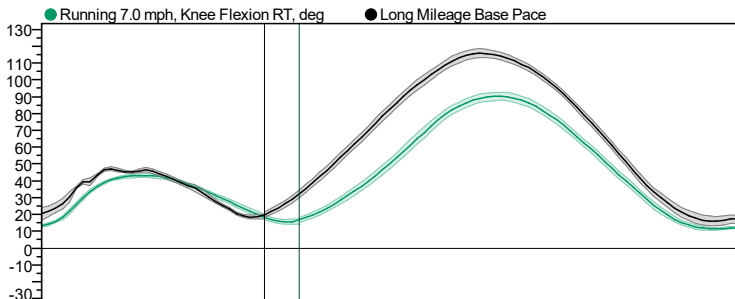
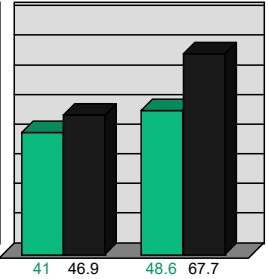
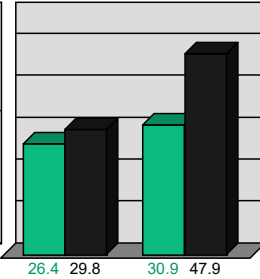
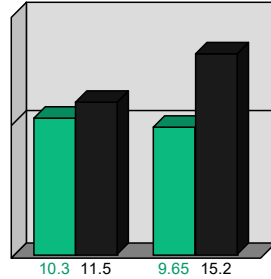
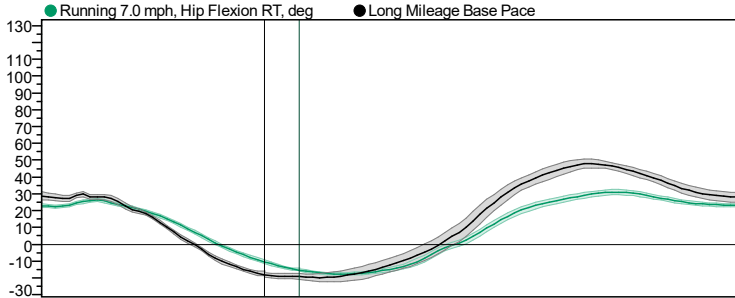
### Mean, deg

### Maximum, deg

### Range, deg



Activities 1 Stance 2 Swing 38.0  
Activities 1 Stance 2 Swing 33.0  
% 0 10 20 30 40 50 60 70 80 90 100



Activities 1 Stance 2 Swing 37.0  
Activities 1 Stance 2 Swing 32.0  
% 0 10 20 30 40 50 60 70 80 90 100

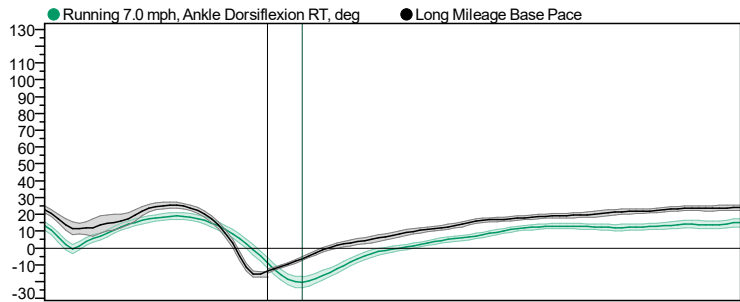


**Patient**  
Project Running

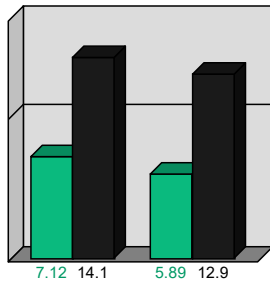
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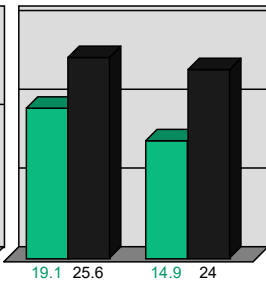
### Average Period



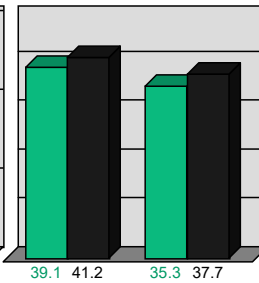
### Mean, deg



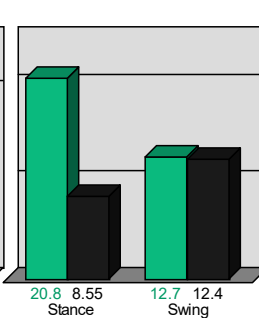
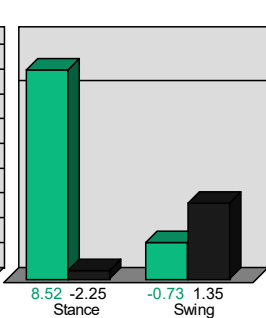
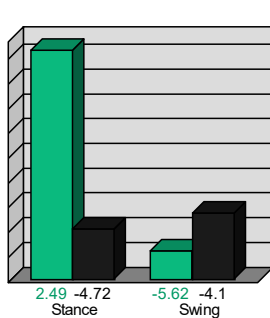
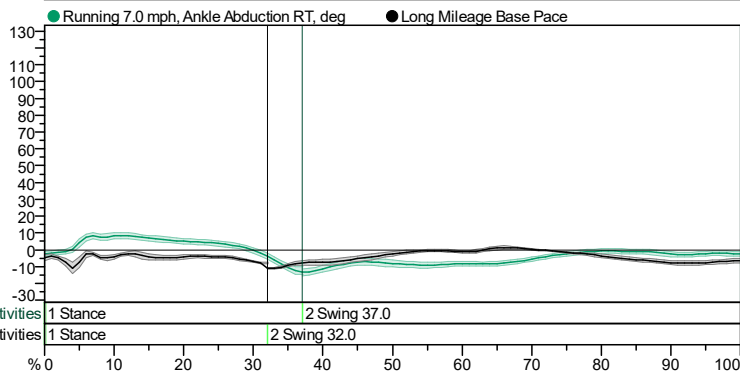
### Maximum, deg



### Range, deg



### Average Period





Patient  
Project

Running

Record

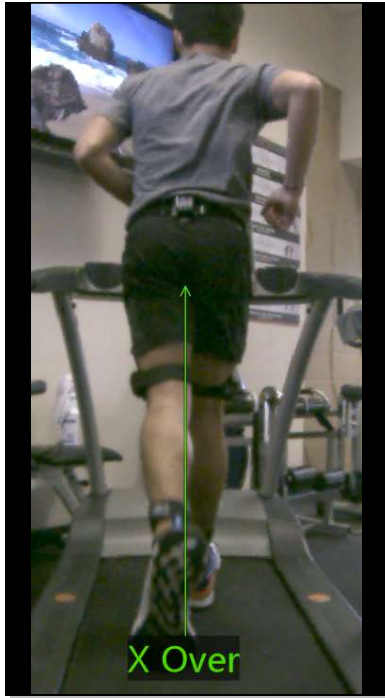
Name  
Date Measured

Running 7.0 mph  
2/11/2021 13:19

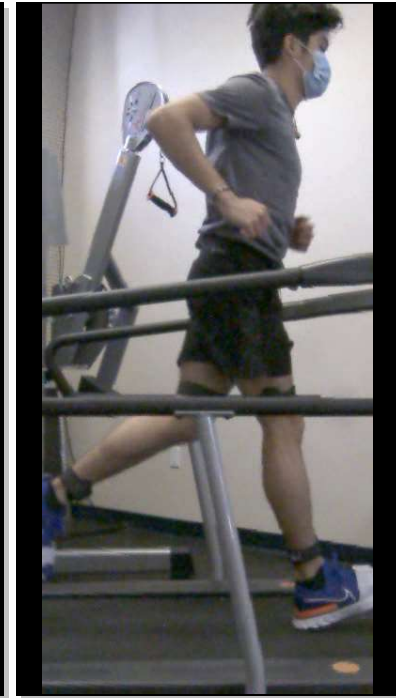


Initial Contact R at -.1 sec

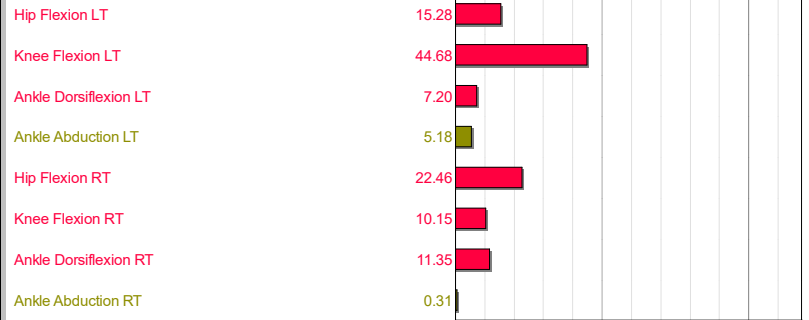
Ninox 125



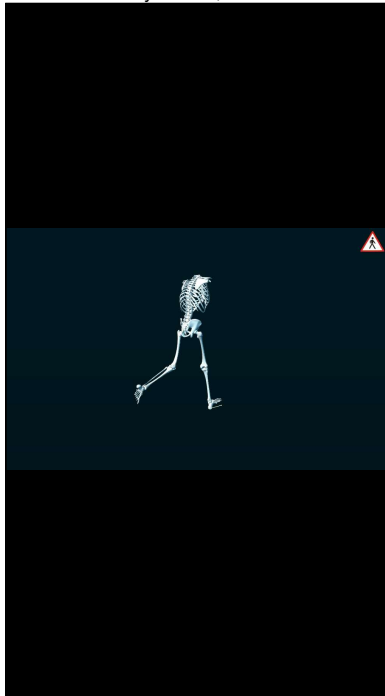
Ninox 125 1



Peak Angle, deg



Noraxon MyoMotion, treadmill mode





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Project Running

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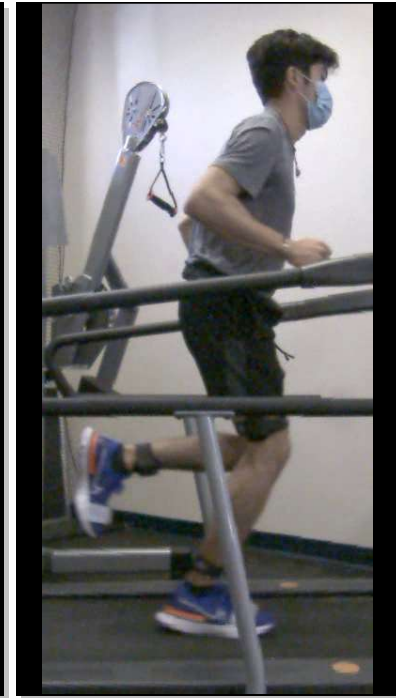


Peak Knee flexion R at .1 sec

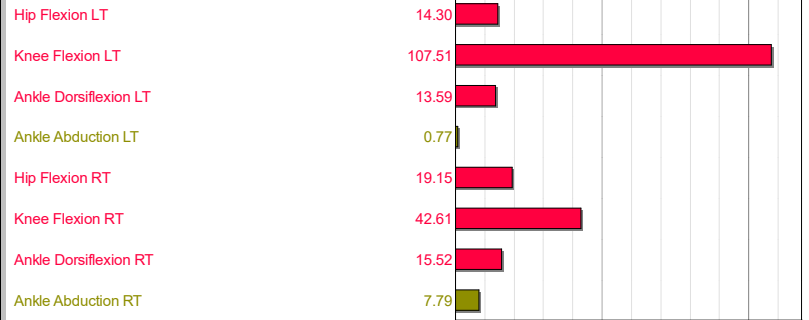
Ninox 125



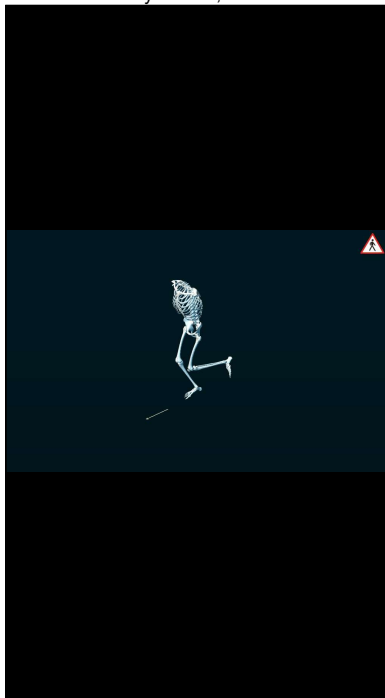
Ninox 125 1



Peak Angle, deg



Noraxon MyoMotion, treadmill mode





**Patient**  
Project

Running

**Record**

Name

Running 7.0 mph

Date Measured

2/11/2021 13:19



## Video Analysis