

VISO II PCV



VISO II PCV

- Waarom?
- Wat is de VISO II
- Hoe gebruik ik de VISO II
- Problemen en oplossingen

- Vragen?



VISO II PCV: Waarom

Hieronder een bekend verhaal voor iedereen:



SFBayArea

PM Friend

Registered: Jun 3, 2013
Posts: 60

Aug 12, 2013, 9:39 AM
Post #49 of 57 (861 views)
[Shortcut](#)

Re: [Dskonijn] Which altimeter to buy? [[In reply to](#)]

[Quote](#) | [Reply](#)

Dskonijn wrote:

I've got an FT50 analog altimeter (cheapest one I could get fresh out of AFF), and the entire inner housing simply rotates to zero it. As far as I know, it doesn't even have any o-rings that require maintenance.

That said, preventive maintenance is indeed much better than post-break replacing.

Last Saturday I finally graduated from the school and made my first solo jump without any instructors. On the way up I noticed that my altimeter (I picked one that used by students) is stuck at 7K while Viso II on a guy next to me was showing over 8K altitude. What the heck? The guy told me to hit the altimeter a couple of times. I did and it got unstuck. However, on the way down I was very much uneasy about this altimeter and at around 6K I thought it got stuck again so I pulled, even though I was planning to pull at 4.5K. I don't know if altimeter

not use my new Solo II to verify the altitude I ended up pulling too high and guys on the ground teased me that I pulled much higher than I said I would.

So now I am thinking if I am getting mechanical altimeter, it should probably be new to avoid complications with used ones since you never know how and for how long it was used.

VISO II PCV: Waarom

- Moeilijk om de status van “slechte” analoge alti’s op te volgen
- Analooq = gevoelig voor schade
- Beperkte nauwkeurigheid
- Onmogelijk voor de sprong te zeggen goed of slecht
- Analooq: soms foute aanduiding => “vroeger” opentrekken van IIn door JM



VISO II PCV: Waarom

- Door slijtage nood aan nieuwe alti's voor 2014
- Viplo's, Barigo's, etc...
- Artikel over VISO: idee...
- Prijsoffertes gevraagd
- 30 stuks besteld (roze polsband voor herkenbaarheid)



VISO II PCV: Wat is de VISO 2?



VISO II PCV: Wat is de VISO2?




- **Digitale hoogtemeter L&B**
- Digitale snelheidsmeter
- Jump Counter
- Backlight voor nachtsprongen
- Automatisch op 0 ft
- LCD, 3 knoppen
- **Playback**
- Meter of voet, km/h of mph.



VISO II PCV: Wat is de VISO2?

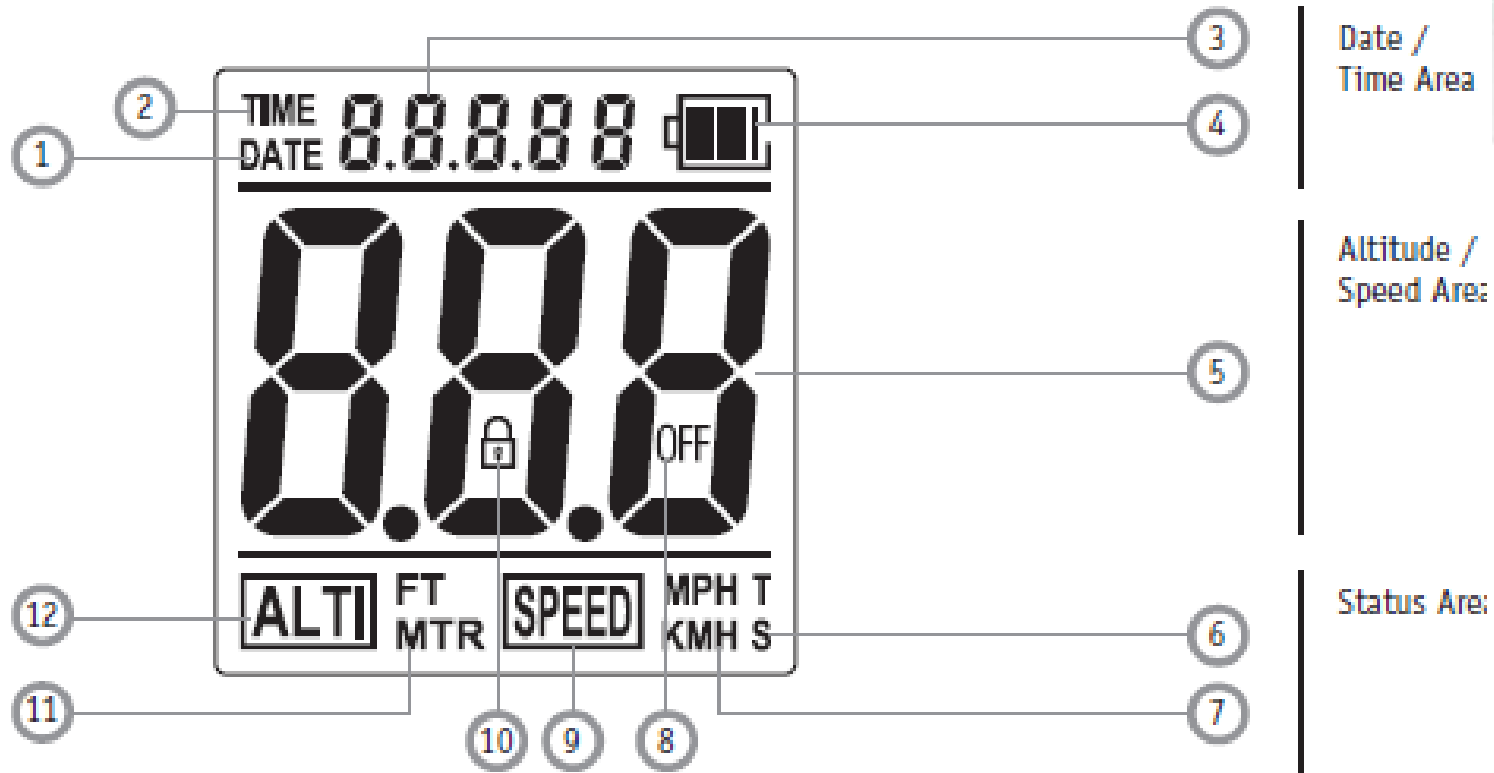


Description

1.  UP button
2.  Middle button
3.  Down button
4. LCD display
5. Reset button (on rear side)



VISO II PCV: Wat is de VISO2? Meer dan we nodig hebben!

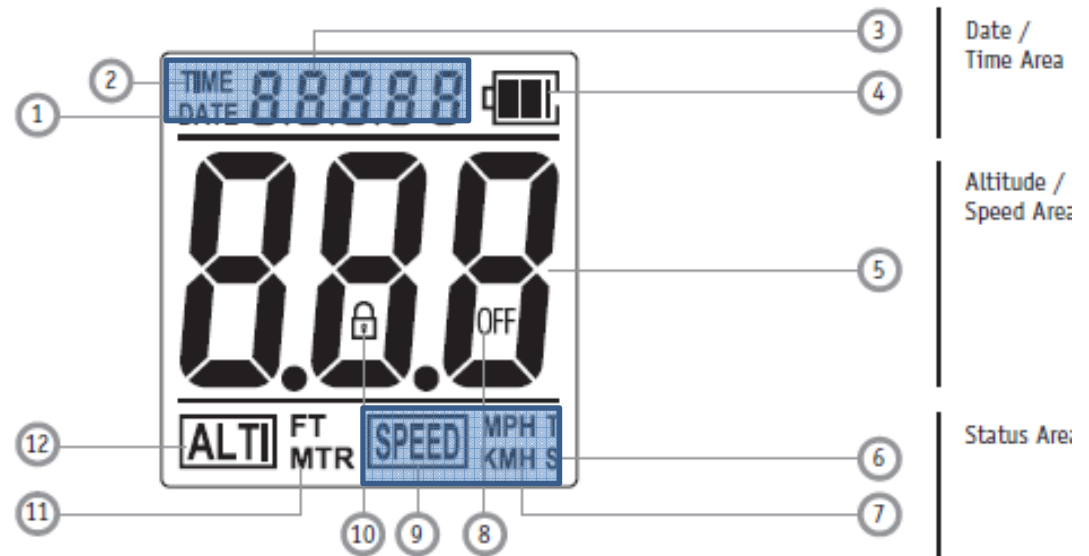


The display has the following characteristics by default (normal usage):

VISO II PCV: Wat is de VISO2?

Belangrijk voor ons:

- Hoogte
- Batterij status
- Eenheden



The display has the following characteristics by default (normal usage):

VISO II PCV:Gebruik

- Aanschakelen: ANY KEY!



- Uitschakelen: automatisch 14u na laatste sprong of 14 u na ANY KEY



VISO II PCV:Gebruik: aflezing



If the altitude is below 1000 the altitude is displayed as normal. Altitude resolution is in 10 feet (5 meter) increments.



If the altitude is 1000-9999, the altitude is displayed as tens of feet or meter. Altitude resolution is in 10 feet (10 meter) increments



If the altitude is 10000 or higher, the altitude is displayed as hundreds of feet or meter. Altitude resolution is in 100 feet (100 meter) increments.

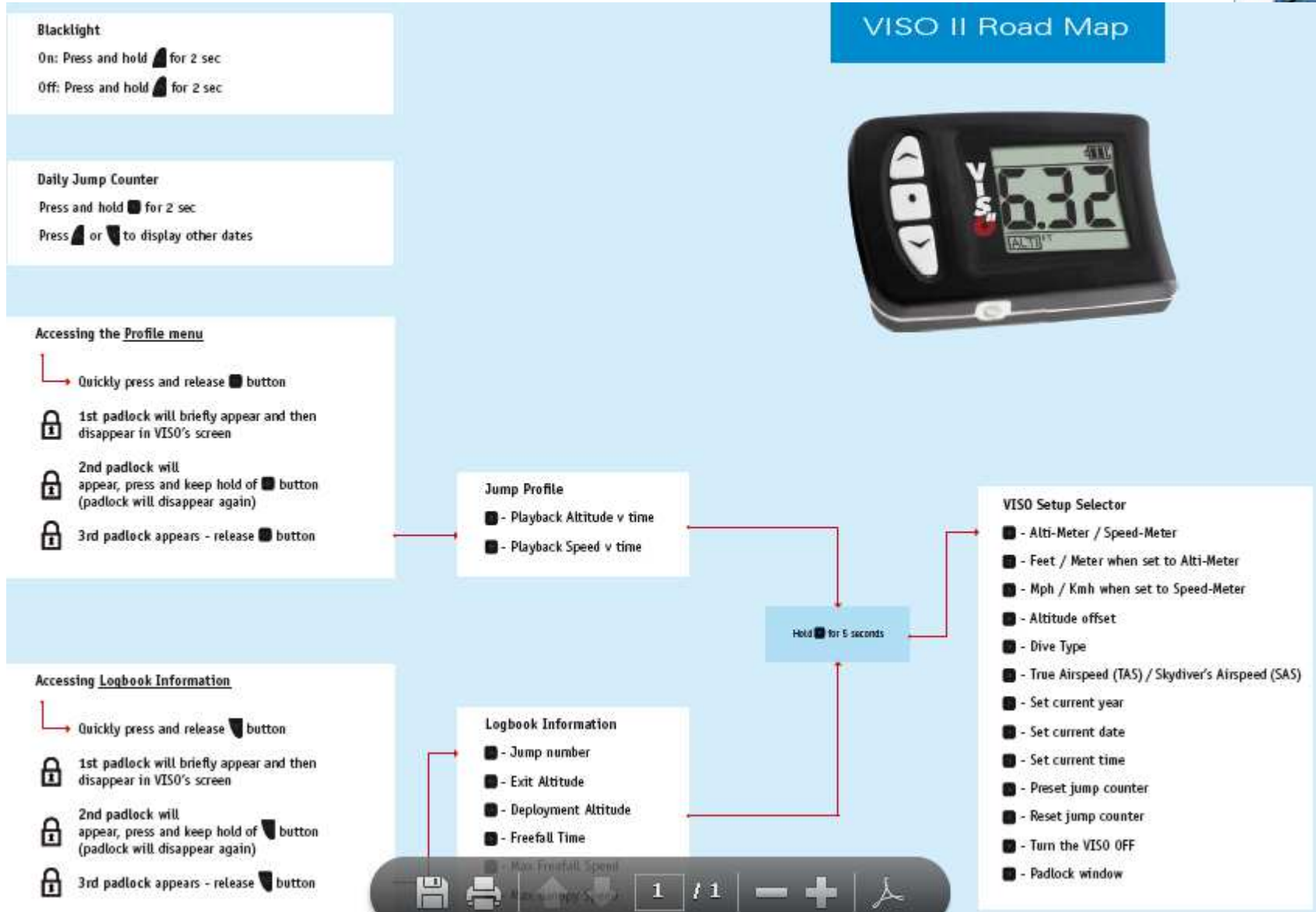


VISO II PCV:Gebruik:Road map

- Te vinden in het magazijn/manifest
- Online bij L&B
- Komt op de PCV Website
- VISO is gebruiksvriendelijk: bij normaal gebruik en kleine basiskennis is de road map niet nodig



VISO II PCV:Gebruik:Road map



VISO II PCV:Gebruik:Road map



Blacklight
On: Press and hold [button] for 2 sec
Off: Press and hold [button] for 2 sec

Daily Jump Counter
Press and hold [button] for 2 sec
Press [button] or [button] to display other dates

VISO II Road Map

Accessing the Profile menu

- ↳ Quickly press and release [button] button
- 🔒 1st padlock will briefly appear and then disappear in VISO's screen
- 🔒 2nd padlock will appear, press and keep hold of [button] button (padlock will disappear again)
- 🔒 3rd padlock appears - release [button] button

Jump Profile

- ▣ - Playback Altitude v time
- ▣ - Playback Speed v time

Hold [button] for 5 seconds

VISO Setup Selector

- ▣ - Alti-Meter / Speed-Meter
- ▣ - Feet / Meter when set to Alti-Meter
- ▣ - Mph / KmH when set to Speed-Meter
- ▣ - Altitude offset
- ▣ - Dive Type
- ▣ - True Airspeed (TAS) / Skydiver's Airspeed (SAS)
- ▣ - Set current year
- ▣ - Set current date
- ▣ - Set current time
- ▣ - Preset jump counter
- ▣ - Reset jump counter
- ▣ - Turn the VISO OFF
- ▣ - Padlock window

Accessing Logbook Information

- ↳ Quickly press and release [button] button
- 🔒 1st padlock will briefly appear and then disappear in VISO's screen
- 🔒 2nd padlock will appear, press and keep hold of [button] button (padlock will disappear again)
- 🔒 3rd padlock appears - release [button] button

Logbook Information

- ▣ - Jump number
- ▣ - Exit Altitude
- ▣ - Deployment Altitude
- ▣ - Freefall Time

VISO II PCV: Settings

Standaard setup voor ALLE PCV alti's:

- Altimeter - Hoogtemeter
- Feet - Voet
- 0 ft offset
- (Date & time)



- **BLIJF VAN DE SETTINGS!!**



VISO II PCV: Settings

Toegang tot de settings: enkel in ACCESS mode

Performing ACCESS:

- 1 Press  or  and release quickly. The padlock icon turns ON and OFF
- 2 When the padlock icon turns ON again, immediately press the same button and keep it pressed (padlock turns OFF)
- 3 When the padlock icon turns ON again, release immediately

De settings enkel veranderen als de settings niet meer juist zijn!

Wat je selecteert, knippert!


Ken je het niet: vraag advies




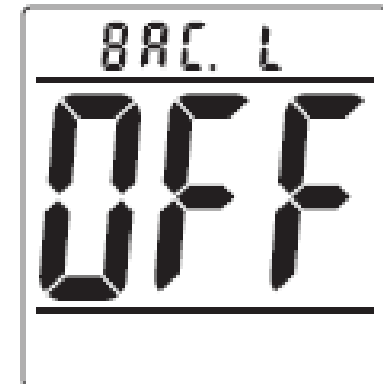
VISO II PCV

- Backlight: niet nodig, bewaar de batterijen voor wat ze dienen



Press and hold  for 2 seconds.
Backlight turns ON.

Press and hold  for 2 seconds.
Backlight turns OFF.



VISO II PCV: features


- 0 ft: automatisch (anders afzetten)
- Na opstijgen: ALTI (of SPEED)
- Daily Jump Counter
- Jump Data: Exit hoogte, deployment, snelheid, bla bla
- Goed maar minder belangrijk



VISO II PCV: Profile area

- Ideaal om vrije val te simuleren!
- Playback van de laatste sprong



Perform ACCESS on  to enter the Profile Area.
(Performing ACCESS, see page 20)

In the Profile Area press  to display,

 Altitude playback information

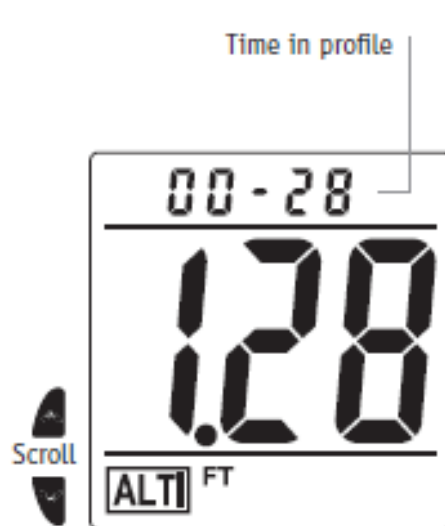
 Padlock window













 Speed playback information

VISO II PCV: Profile area



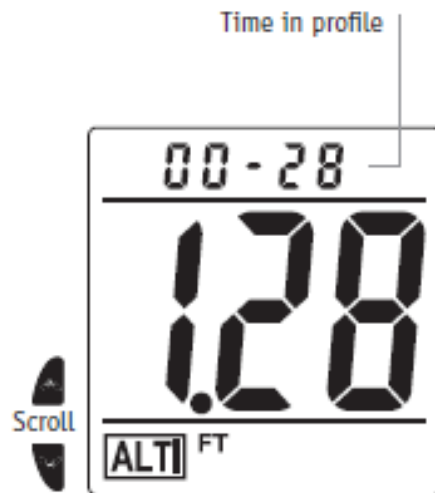
Playback Altitude Versus Time



- Press  to playback the altitude profile at ¼ speed
- Press  twice to playback in real time
- Press  three times to playback at 2x speed
- Press  four times to playback at 5x speed
- Press  to playback the altitude profile in reverse at ¼ speed
- Press  twice to playback in reverse in real time
- Press  three times to playback in reverse at 2x speed
- Press  four times to playback in reverse at 5x speed
- Press  to stop playback
- Press  or  to resume playback or press  to go to

VISO II PCV: Profile area

Playback Altitude Versus Time



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- Press three times to playback in reverse at 2x speed
- Press four times to playback in reverse at 5x speed
- Press to stop playback
- Press or to resume playback or press to go to Playback Speed Versus Time.

Press or to resume playback or press to go to Padlock window.

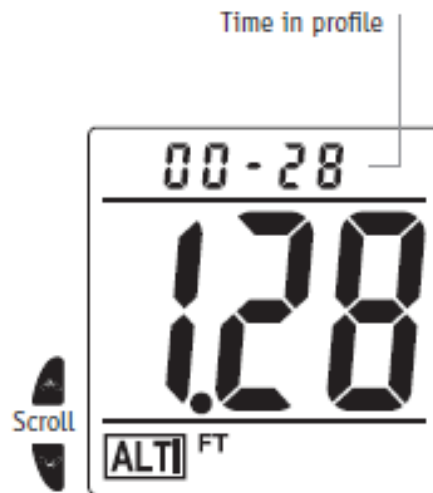
Padlock Window

Press or to leave the **Profile Area** to return to the Main Window or press to return to the **Profile Area**.



VISO II PCV: Profile area

Playback Altitude Versus Time



Press to playback the altitude profile at ¼ speed
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Press twice to playback in reverse in real time

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Press four times to playback in reverse at 5x speed

Press to stop playback

Press or to resume playback or press to go to

Playback Speed Versus Time.

Press or to resume playback or press to go to
Padlock window.

Padlock Window

Press or to leave the **Profile Area** to return to the **Main Window** or press to return to the **Profile Area.**



VISO II PCV: Profile area

Het is aanvaardbaar wanneer je als instructeur slechts twee handelingen kan uitvoeren:

1. De VISO2 aanzetten
2. De laatste sprong afspelen als training voor je met je leering de lucht ingaat.

Toch getuigt het van professionalisme als je het apparaat beter leert kennen!



VISO II PCV

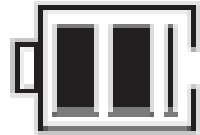
De volgende acties mogen enkele gedaan worden door iemand vertrouwd met VISO II:

- Resetting
- Batterij vervangen

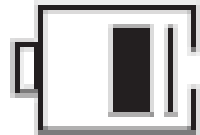


VISO II PCV

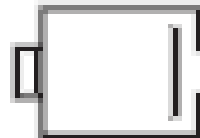
Status batterij:



Full capacity: !



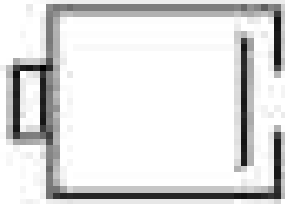
Half capacity:



Low capacity:



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Low capacity:

- Batterij (laten) vervangen voor de volgende sprong
- (Geen nachtsprongen bij temperaturen onder 0°C)



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Foutmelding van de VISO:

- ERR
 - Trouble shooting number
 - Beep elke minuut
-
- Reset de VISO
 - Vervang de batterij

Of laat dit doen door iemand die het kan.



VISO II PCV: Risico's & problemen?

Probleem

- Alti valt uit
- Beschadiging
- Analooq "leest" beter

Oplossing

- Batterij checken
- Ervaring met Viso is beter dan Neptune
- Radio, pijl, ogen zoals met analooq
- Batterij goed voor 2!! jaar
- Error code op grond
- Training op de grond
- Betere nauwkeurigheid
- In het digitale tijdperk kan iedereen cijfers lezen en interpreteren

VISO II PCV: Risico's & problemen?

Probleem

- Niet robuust?

Oplossing

- Geen mechaniek
- Beschermd door pocket
- Beschermd door
wristband
- Licht van gewicht



VISO II PCV: Risico's & problemen?



Probleem

- Ik kan de leerling zijn altimeter niet lezen

Oplossing

- Lees je eigen altimeter
- De leerling zijn hoogtemeter is juist
- Dytter!

VISO II PCV: Risico's & problemen?



Probleem

- Ondersteboven aan de pols
- Speed vs ALTI

Oplossing

- Controle voor de sprong van ALTI zoals altijd
- Controle voor de sprong van ALTI zoals altijd

VISO II PCV:

Vragen?

Opmerkingen?

Suggesties?

Dank u wel, en veel springplezier!

