

## notes

---

### 20200308 VH-BNE YCFN TODR/LDR

#### Parameters

- QNH: 1014hPa
  - OAT: 25°C
  - ELE: 1450ft
  - AUW: 750kg
  - Headwind: 8kt
  - Pressure Altitude:  $1450 + ((1014 - 1013) * 30) = 1480$
- 

#### TODR

- TODR
  - TODR[PoH 5.2.5 diagram]: 360 metres  
For operation on dry grass runway increase the required take-off distances by 25%
  - TODR[PoH]:  $360 * 1.25 = 450$
  - TODR[CAO 20.7.4]:  $450 * 1.15 = 517.5$
  - 517.5 metres
- 

#### LDR

- LDR
- LDR[PoH 5.2.13 diagram]: 200 metres  
For operation on dry grass runway increase the required landing distances by 15%

- LDR[PoH]:  $200 * 1.15 = 230$
  - LDR[CAO 20.7.4]:  $230 * 1.15 = 264.5$
  - 264.5 metres
- 

### PoH excerpt

- PoH Section 5.2.5
  - PoH Section 5.2.13
- 

### This document

- hosted at <https://1007036.gitlab.io/notes>
  - source hosted at <https://gitlab.com/1007036/notes>
  - last updated at time **2024-09-19 11:49:24 GMT**
  - last updated by user **Tony Morris**
  - revision **4ca1aacc887df182775c167c87d98ce62a9abd1d**
  - access control **public**
- 

### Licence

*This work is licenced under a Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Australia License.*

<https://creativecommons.org/licenses/by-nc-nd/3.0/au/>

