

# Parafield YPPF – RENMARK YREN Flight Plan.

## Requirements:

Take off from Parafield Airport ASAP to Deliver Urgent Medical Supplies to an injured patient at RENMARK. Delivery of the medical supplies is time sensitive and you **MUST** arrive **within one hour** of entering the aircraft.

Weather is currently overcast at **YPPF** with it expected to deteriorate en route to **YREN**. You must plan to be flexible should the need arise.

AIRCRAFT - BARRON 58

Location – Parafield Airport (YPPF) - South Australia – Australia

Destination – Remark Airport (YREN) - South Australia - Australia

## FLIGHT PLAN:

### 1. Distance:

- **Direct GPS distance between YPPF (-34.7933, 138.628) and YREN (-34.1969, 140.674) is = 104 NM.**

### 2. True Heading:

- **Calculated using great-circle (thumb line) navigation.**
- **True heading  $\approx 64^\circ$ .**
- **Applying local magnetic variation ( $\sim 8^\circ\text{E}$ ) gives a magnetic heading of 56.**

### 3. Cruise Speed:

- **At 7,500 ft, the Beechcraft Baron 58 cruises around 170 KTAS, though this varies slightly with power setting, loading, and weather.**

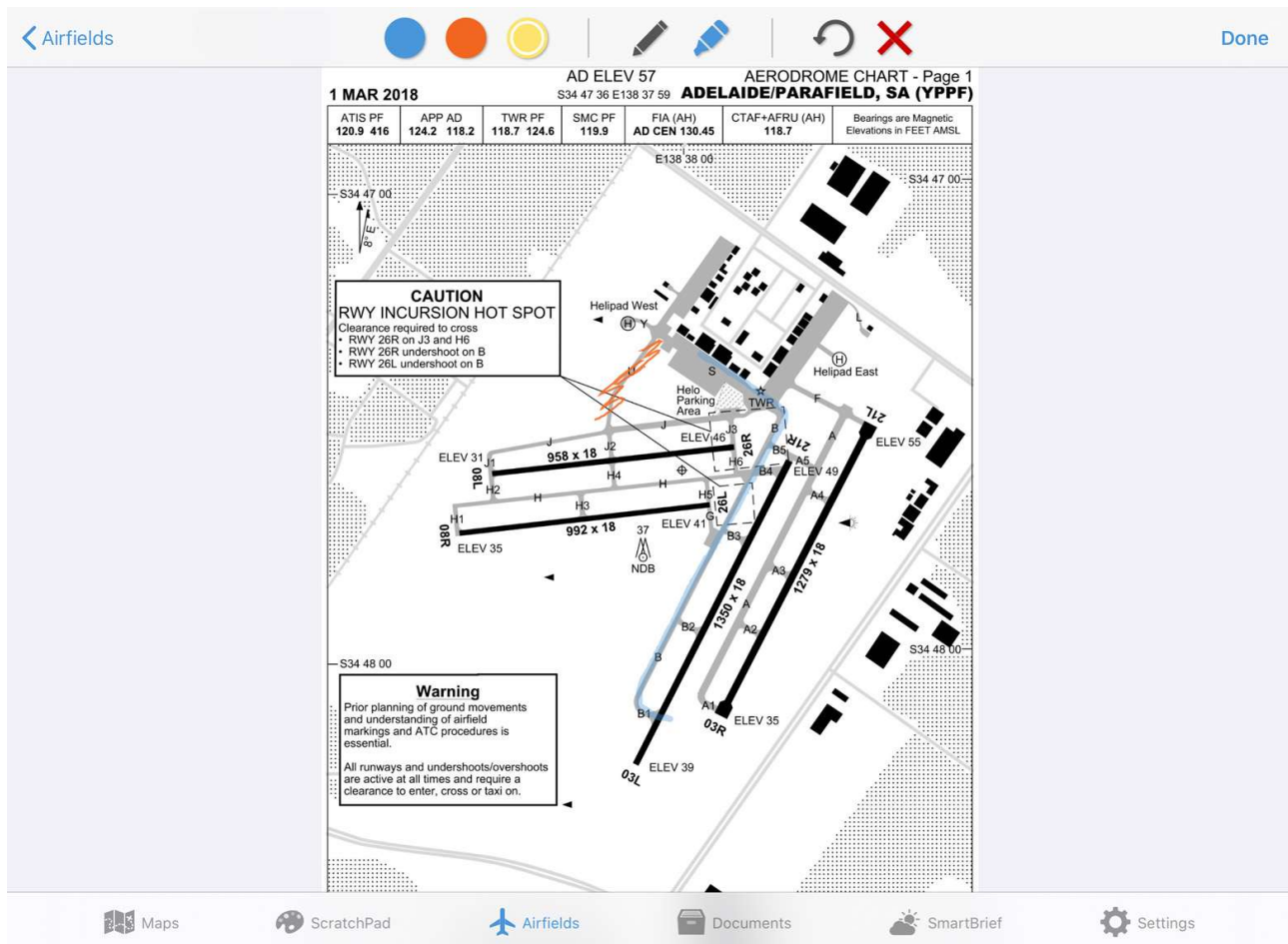
### 4. Time:

- **Time = Distance / Speed = 104 NM / 170 KTAS  $\approx$  0.61 hours  $\approx$  36–40 minutes.**
- **You **MUST ARRIVE** withing 60 minutes of Arriving at the aircraft. Time is of the essence!**

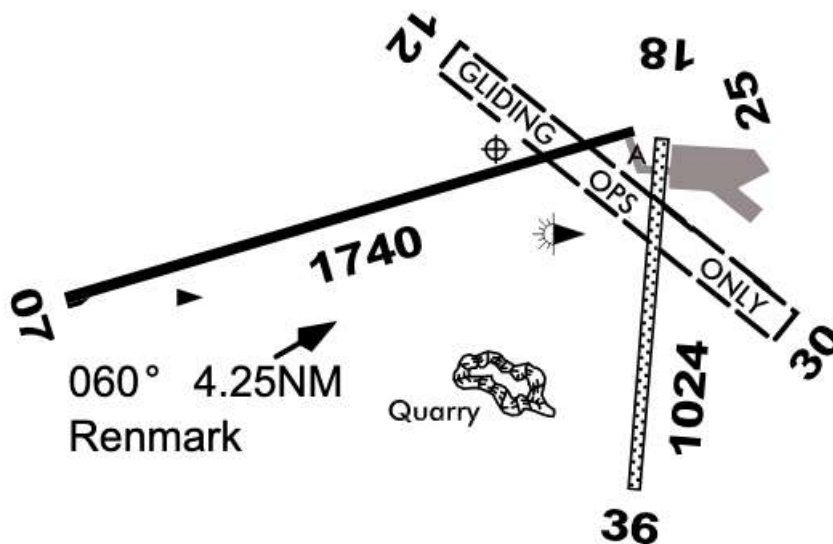
## Note:

**AIRPORT LAYOUT BELOW for PARAFIELD and RENMARK Airports.**

## PARAFIELD AIRPORT - YPPF



## RENMARK AIRPORT - YREN



Mission designed by Brendon McAleece With CHAT GPT.  
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May 2025