

Legend

Green – Climb

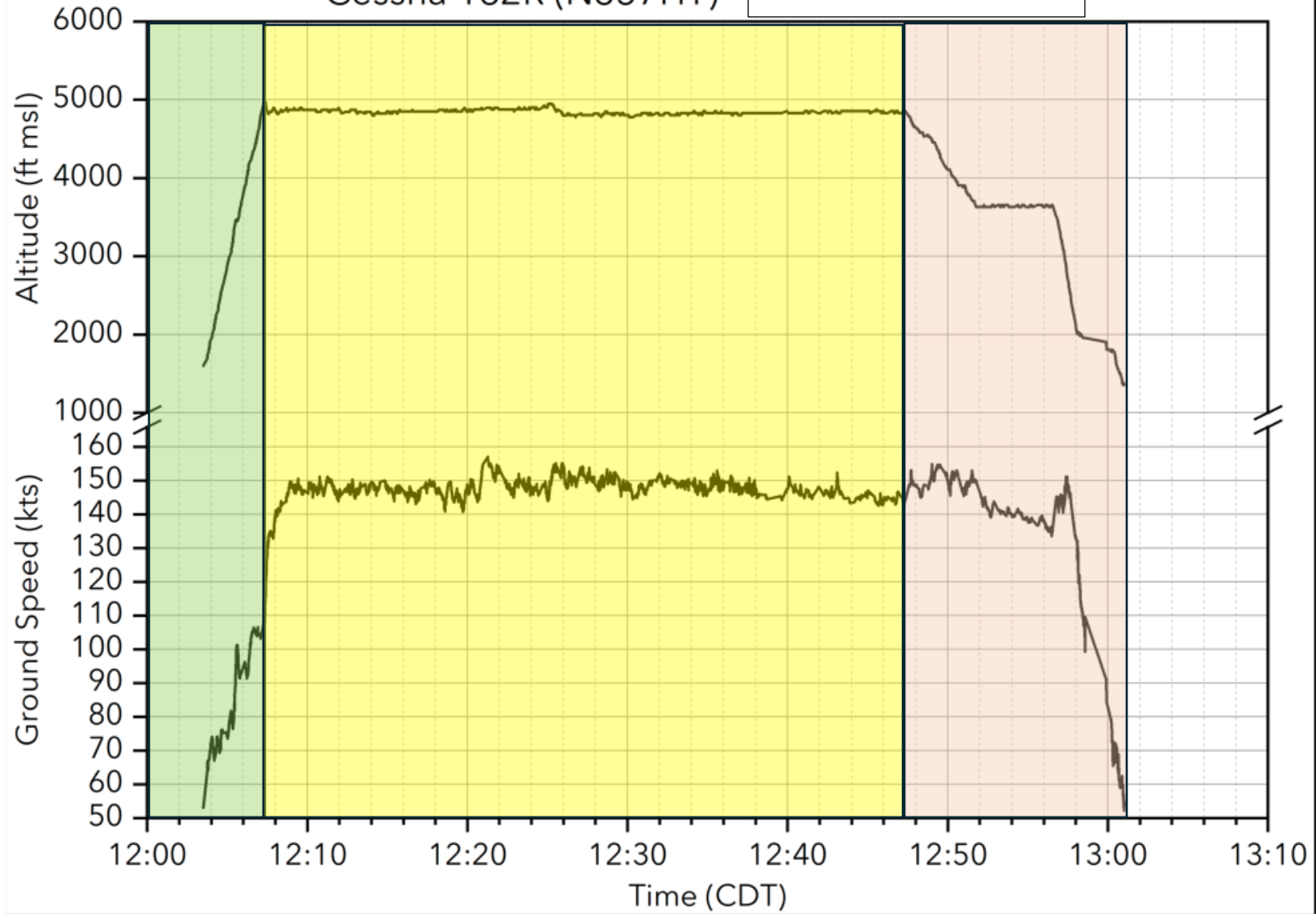
Yellow – Cruise

Pink – Descent

Special Notes

All performance calculations were derived using charts in the Cessna 182R Pilot Operating Handbook and a pressure altitude conversion chart

CEN24LA002 - Olathe, KS
Cessna 182R (N357HT) - EWK to OJC



Flight from EWK to OJC

Weather- KEWK 011656Z AUTO 17018KT 10SM CLR 30/14 A3018

Elevation at EWK – 1533 ft

Altimeter Setting- 30.18

Pressure Altitude conversion factor -257 ft

Pressure Altitude – 1276 ft

Temperature 30°C

Start, taxi, and takeoff allowance

Fuel consumed 1.7 gallons

Climb Phase- 12:03 to 12:07 (4 minutes)

Fuel burn about .6 gallons

Cruise Phase (between 7.9 gallons per hour to 12.4 gallons per hour) - 12:07 to 12:47 (40 minutes)

Fuel burn 5.2 to 8.2 gallons per hour

Descent Phase (between 7.9 gallons per hour to 12.4 gallons per hour) -12:47 to 13:01 (14 minutes)

Fuel burn 1.8 to 2.9 gallons per hour

Total Fuel consumed 9.3 to 13.4 gallons