

Groundcourse Ruschmeyer

april 2005

Program

Manual updates

- max. power
- oil quantities
- tire pressure
- noise certificate

Pax briefing

- doors
- safety items

General construction

- Strength
- Laminar flow wing (dirt!)
- Controls
- Elevator + trim

Flap system

- Pitch - trim interconnect

Power plant

- Fuel injection
- Cooling
- Propeller system
- RPM-indication
- Limitations
- Power settings

Electrical system

- Layout
- Circuit breakers/switches
- Buses
- Failures

Avionics

- Compass system
- HSI
- Autopilot
- Electrical trim
- Stick switches
- Layout & control
- Failures
- Pre-flight checks
- GNS530/SL30/GTX330

Landing gear system

- Layout
- Indication
- Failures
- Brakes & parking brake

Fuel system

- Layout
- Tanks
- Fuel quantity
- Fuel flow computer / GPS link

Limitations

- V_a
- Glide/Climb speeds

Performance

- T/O & landing
- Climb
- Cruise
- Charts & policy

Weight & balance

- General discussion

Emergency procedures

- General discussion