



# LN-TFW

## Grob 115 D

Sist oppdatert 11.07.11

### A/C

- All composite fiberglass
- Tricycle fixed L/G
- 2 seats
- Max 55 kg baggage
- Wingspan 10.00 m
- Length 7.60 m
- Height 2.82 m

### Airspeeds

- Vr 55 KIAS
- VX 65 KIAS
- VY 81 KIAS
- VNO 134 KIAS
- VNE 184 KIAS
- VSO 50 KIAS
- VS1 54 KIAS
- V best glide 70 KIAS
- VFE 112 KIAS
- VA utility 114 KIAS
- VA acro 128 KIAS
- Max demo XW 20 KTS

### Powerplant

- AVCO LYCOMING, AEIO-360 B1F
- 4 Cylinder, direct drive
- Horizontally opposed, air cooled
- 180HP @ 2700 RPM
- Max continuous 2500 RPM
- Inverted flight max 3 minutes

### Propeller

- Three-blade constant speed
- Hoffman HO-V343 K()-V/ 180 FP
- 183 cm diameter
- Composit over wood core

### Weights

- Max T/O utility 990 KG
- Max T/O acro 920 KG
- Max LND utility 990 KG
- Max LND acro 920 KG

### OPS

- VFR/IFR day & night (if equip.)
- Icing conditions not approved
- Cold wx kit inst. below -10deg OAT

### Fuel

- AVGAS 100 or 100 LL
- Usable 143 liters
- Sump tank 5.4 liters
- Mechanical fuel pump
- Elec fuel pump ON T/O & LND
- Max lateral imbal 20 liters
- Fuel vents under wing tips
- Keep wing quantities level for acro

### Oil

- Oil capacity 8 quarts
- Min req 6 quarts

### G-Limits

- Acro cat +6.0g/ -3.0g, flaps retr.
- Utility cat +4.4g/ -1.76g, flaps retr.

### Controls

- Operated via push/ pull rods
- Ailerons interconnected to rudder
- Flap pos 0deg, 15deg, 60deg
- Flaps pwr by elec motor

### Electrical

- 28v DC system
- Alternator 35amp at 1800 RPM
- Battery 24v lead-acid accumulator
- Battery RH side of rear main frame
- Battery provide pwr max 45 min

### Vacuum & Pitot system

- Supplies press ASI, Altimeter, VSI
- Suction gauge, green @ 1200 RPM
- Turn & bank elec driven (backup)
- Static press. L & R side rear fuselage
- Alt static air press. from eng. comp.