

## PRE-START

- Park Brake **ON**
- Circuit Breakers **CHECK**
- Master Switch **KEY ENGINE**
- Choke if cold engine **ON**
- Fuel Pump **ON→PRESSURE**
- Fuel Pump **OFF**
- Throttle **MIN + ½ TURN**
- Ignition **1 & 2 ON**
- Propeller Area **CHECK**
- "Clear Prop" **ANNOUNCE**
- Starter **ENGAGE**

## AFTER START

- Oil Pressure **RISING/GREEN**
- Choke **OFF**
- Throttle **2000 RPM**
- Avionics **ON**

### SYMBOLS

- Δ Difference
- | OR
- & AND
- ≤ Less than or equal to
- ≥ Greater than or equal to

## RUN-UP

- Oil Temp **≥50 °C**
- Park Brake **ON**
- Choke **OFF**
- Throttle **3600 RPM**
- Ignition 1 CHECK **≤125 RPM**
- Ignition 2 CHECK **≤125 RPM**
- Ignition 1/2 **Δ ≤50 RPM**
- Carburettor Heat **ON→OFF**
- Idle CHECK **≥1250 RPM**
- Throttle **2000 RPM**

## PRE TAKE-OFF

- Trim **SET TKOF**
- Mixture **CHOKE OFF**
- Prop Pitch **FULL FINE**
- Flight CTRL **FREE&CORRECT**
- Flaps **SET TKOF**
- Fuel **ON&SUFF QTY**
- Instruments **CHECK**
- Switches **AS REQ**
- Hatches & Harnesses **CHECK**
- T/O Safety/DEP/TEM **BRIEF**

## HOLDING READY

- Lights **STROBE ON**
- Camera **XPDR 3000 ALT**
- Action **READY, REQ CLR**

## PRE LANDING

- Brakes **PRESSURE&OFF**
- Undercarriage **DOWN&LOCKED**
- Mixture **CHOKE OFF**
- Fuel **ON&SUFF QTY**
- Instruments **CHECK**
- Switches **AS REQ**
- Hatches & Harnesses **CHECK**

## AFTER LANDING

- Lights **OFF**
- Flaps & Trim **SET TKOF**

## SHUT DOWN

- Park Brake **ON**
- Flaps & Trim **SET TKOF**
- Throttle **MIN RPM**
- Avionics **OFF**
- Ignition 1 **OFF**  
*...pause 2 seconds*
- Ignition 2 **OFF**
- Master Switch **KEY OFF**

## AFTER SHUT DOWN

- MR **if last FLT of day CLOSE**
- Hobbs/Tach **REC BOOK**
- Hobbs/Tach **REC OFFICE**
- Aircraft **SECURE**

## EMERG FORCED LDG

- Aviate, Navigate, Comm.
- Best Glide **65KIAS**
- Troubleshoot **F.A.S.T.**
- Fuel pump **ON**
- Fuel selectors **3xON**
- Air **CARB HEAT ON**
- Switches **IGNITION 2xON**
- Switches **MASTER ON**
- Throttle **CYCLE**
- Turn over **ENGINE START**
- Field **SELECT**
- Wind
- Obstacles
- Size
- Shape
- Surface
- Slope
- Sun
- Shoots
- Surroundings/Buildings
- Communicate **MAYDAY**
- Passenger **BRIEF**
- Aircraft **SECURE**

## STALL ENTRY

- Clearing Turn **AS REQ**
- Height **RECOVER ≥2000 AGL**
- Aircraft **CONFIG, TRIM**
- Security **HARNES, OBJECTS**
- Engine **OPS NORMAL, P/T**
- Location **UNPOPUL, FLD AVBL**
- Lookout **TRAFFIC**
- Listen **CHECK FREQ**

## SPEEDS

- Vne **124KIAS**
- Va **95KIAS**
- Vfe **81KIAS**
- Vs0 **36KIAS**
- Vs1 **43KIAS**
- Vx **60KIAS**
- Vy **65KIAS**
- Best Glide **65KIAS**
- Max wind (RWY HDG) **25KT**
- Max crosswind **15KT**
- Max tailwind **6KT**

## FREQUENCIES

- YBAF ATIS **120.90MHz**
- YBAF SMC **119.90MHz**
- YBAF TWR (NORTH) **123.60MHz**
- YBAF TWR (SOUTH) **118.10MHz**
- YBAF CTAF **118.10MHz**
- YBAF AWIS **128.40MHz**
- YBAF PAL **118.10MHz**
- BN CEN Train. **125.70MHz**
- BN CEN 45NM N. **129.00MHz**
- BN CEN 14NM S. **119.50MHz**
- YHEC CTAF **119.00MHz**
- Southport CTAF **119.00MHz**
- YAMB ATIS **123.30MHz**
- GEN Air Distress **121.50MHz**

## ENGINE

- Model **Rotax 912ULS**
- Max RPM (5 mins) **5800RPM**
- Max RPM (cont.) **5500RPM**
- Block Fuel Burn **20L/hr**
- Min VFR Reserve **45min**
- Fuel **95RON | AVGAS100LL**
- Min Oil Temp **50°C**
- Max Oil QTY **2.6L**
- Min Oil QTY **2.1L**

**24-4844**

- Total Fuel Capacity **85.1L**
- Total Fuel Capacity **61.3kg**
- Total Usable Fuel **83L**
- Total Usable Fuel **59.8kg**
- Basic Empty Weight **288.5kg**
- Empty Arm **244.8mm**
- Empty Arm **18.83%**
- Permitted CG min. **259.08mm**
- Permitted CG min. **20%**
- Permitted CG max. **363.22mm**
- Permitted CG max. **28%**
- Max Take-Off Weight **560kg**
- Min Crew Weight **55kg**
- Max Baggage Weight **20kg**
- Max LF (no flaps) **+4G**
- Min LF (no flaps) **-2G**
- Max LF (flaps) **+2G**
- Min LF (flaps) **0G**
- Max Angle of Bank **60°**
- Max endurance **6 hours**
- Max range **534NM**
- Service ceiling **14760ft**
- Propeller **FITI ECO**  $\varnothing$ **1580mm**

**24-5350**

- Total Fuel Capacity **85.0L**
- Total Fuel Capacity **61.2kg**
- Total Usable Fuel **83L**
- Total Usable Fuel **59.8kg**
- Basic Empty Weight **303.5kg**
- Empty Arm **266.0mm**
- Empty Arm **20.46%**
- Permitted CG min. **259.08mm**
- Permitted CG min. **20%**
- Permitted CG max. **363.22mm**
- Permitted CG max. **28%**
- Max Take-Off Weight **560kg**
- Min Crew Weight **54.9kg**
- Max Baggage Weight **20kg**
- Max LF (no flaps) **+4G**
- Min LF (no flaps) **-2G**
- Max LF (flaps) **+2G**
- Min LF (flaps) **0G**
- Max Angle of Bank **60°**
- Max endurance **6 hours**
- Max range **534NM**
- Service ceiling **14760ft**
- Propeller **FITI ECO**  $\varnothing$ **1580mm**

**24-8881**

- Total Fuel Capacity **86.0L**
- Total Fuel Capacity **61.9kg**
- Total Usable Fuel **85L**
- Total Usable Fuel **61.2kg**
- Basic Empty Weight **303.8kg**
- Empty Arm **304.0mm**
- Empty Arm **24.18%**
- Permitted CG min. **260mm**
- Permitted CG min. **20%**
- Permitted CG max. **442mm**
- Permitted CG max. **34%**
- Max Take-Off Weight **560kg**
- Min Crew Weight **54kg**
- Max Baggage Weight **20kg**
- Max LF (no flaps) **+4G**
- Min LF (no flaps) **-2G**
- Max LF (flaps) **+2G**
- Min LF (flaps) **0G**
- Max Angle of Bank **60°**
- Max endurance **6 hours**
- Max range **534NM**
- Service ceiling **14760ft**
- Propeller **FITI ECO**  $\varnothing$ **1580mm**