

## PRE-START

- Canopy **LOCKED**
- Park Brake **ON**
- Circuit breakers **CHECK**
- Master Switch **ON**
- Fuel Switch **LOWEST TANK**
- Throttle **IDLE**
- Propeller **FULL FINE**
- Avionics **OFF**
- Fuel pump **ON**
- Fuel Pressure Warn **CK OFF**
- Fuel pump **OFF**
- Choke **if cold engine ON**
- "Clear Prop" **ANNOUNCE**
- Starter **ENGAGE**

## AFTER START

- Oil Pressure **>1.5 BAR**
- Choke **OFF**
- Throttle **820 RPM**
- Avionics **ON**

### SYMBOLS

- Δ Difference
- | OR
- & AND
- ± Range of plus or minus
- ≤ Less than or equal to
- ≥ Greater than or equal to

## RUN-UP

- Oil Temp **≥50°C**
- Park Brake **ON**
- Choke **OFF**
- Fuel **FULLEST TANK**
- Throttle **1700 RPM**
- Ign R/L **≤120 RPM Δ ≤50 RPM**
- Propeller **CYCLE x3**
- Propeller **Δ 200±50RPM**
- Carburettor heat **ON-OFF**
- Idle **CHECK ≥580 RPM**
- Throttle **SET 820 RPM**

## PRE TAKE-OFF

- Trim **SET TKOF**
- Mixture **CHOKE OFF**
- Prop Pitch **FULL FINE**
- Flight CTRL **FREE&CORRECT**
- Flaps **TKOF 17°**
- Fuel **FULLEST TANK&PUMP ON**
- Instruments **CHECK**
- Switches **CIRC BRKERS**
- Switches **AS REQ**
- Hatches & Harnesses **CHECK**
- Safety/DEP **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 **SUFF QTY & PUMP ON**
- Instruments **CHECK**
- Switches **AS REQ**
- Hatches & Harnesses **CHECK**

## AFTER LANDING

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

## SHUT DOWN

- Park Brake **ON**
- Throttle **MIN RPM**
- Avionics **OFF**
- Ignition **RIGHT**
- Ignition **...pause 2 seconds**
- Ignition **OFF**
- Master Switch **OFF**

## AFTER SHUT DOWN

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

## EMERG FORCED LDG

- Aviate, Navigate, Comm.
- Best Glide **78KIAS**
- Troubleshoot **F.A.S.T.**
- Fuel pump **ON**
- Fuel select **CHANGE CHECK**
- Air **CARB HEAT ON**
- Switches **IGNITION BOTH**
- 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 ≥3000 AGL**
- Aircraft **CONFIG, TRIM**
- Security **HARNESSES, OBJECTS**
- Engine **OPS NORMAL, P/T**
- Location **UNPOPUL, FLD AVBL**
- Lookout **TRAFFIC**
- Listen **CHECK FREQ**

## SPEEDS

- Vne **165KIAS**
- Vno **130KIAS**
- Va **112KIAS**
- Vfe **90KIAS**
- Vs0 **39KIAS**
- Vs1 **49KIAS**
- Vx **52KIAS**
- Vy **65KIAS**
- Best Glide **78KIAS**
- Max crosswind **15KT**

## 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 (cont.) **2260RPM**
- Block Fuel Burn **24L/hr**
- Min VFR Reserve **45min**
- Fuel **95RON | AVGAS100LL**
- Min Oil Temp **50°C**
- Max Oil QTY **3.0L**
- Min Oil QTY **2.55L**

<b>VH-BNE</b>	
• Total Fuel Capacity	<b>120.0L</b>
• Total Fuel Capacity	<b>86.4kg</b>
• Total Usable Fuel	<b>109.6L</b>
• Total Usable Fuel	<b>78.9kg</b>
• Basic Empty Weight	<b>521.4kg</b>
• Max Take-Off Weight	<b>750kg</b>
• Usable Load at full fuel	<b>149.7kg</b>
• Empty Arm	<b>434.0mm</b>
• Permitted CG min.	<b>427mm</b>
• Permitted CG max.	<b>523mm</b>
• Min Crew Weight	<b>54.9kg</b>
• Max Baggage Weight	<b>40kg</b>
• Max LF (no flaps)	<b>+4G</b>
• Min LF (no flaps)	<b>-2G</b>
• Max LF (flaps)	<b>+2G</b>
• Min LF (flaps)	<b>0G</b>
• Max Angle of Bank	<b>60°</b>
• Propeller	<b>MTV-21-A/175-05 ø1750mm</b>
• Primary Flight Display	<b>Garmin G500</b>
• Maximum propeller speed	<b>2260RPM</b>
• Flap positions	<b>0° 17° 35°</b>