

**CHECKLIST FOR THRUSTER T600N JABIRU**  
**SPRINT**

**PREFLIGHT INSPECTION**

**COCKPIT**

- |                     |                         |
|---------------------|-------------------------|
| 1. SWITCHES         | OFF                     |
| 2. INSTRUMENT PANEL | SECURE                  |
| 3. STICK            | FREE & FULL<br>MOVEMENT |
| 4. THROTTLE         | FREE & FULL<br>MOVEMENT |
| 5. SEAT             | ADJUST                  |
| 6. TRIM             | TAKE OFF                |

**ENGINE**

- |                         |                            |
|-------------------------|----------------------------|
| 1. ENGINE INSTALLATIONS | SECURE                     |
| 2. CARBURETTOR          | SECURE,<br>CHECK<br>RUBBER |
| 3. SPARK PLUGS & LEADS  | SECURE                     |
| 4. FUEL PUMP            | SECURE                     |
| 5. FUEL LINES           | SECURE, NO<br>LEAKS        |
| 6. ELECTRIC SYSTEM      | SECURE                     |
| 7. EXHAUST              | SECURE                     |
| 8. AIR FILTER           | SECURE                     |
| 9. COWL                 | SECURE                     |
| 10. OIL LEVEL           | CHECK MAX                  |
| LEVEL NEVER EXCEEDED    |                            |
| 11. LUBRICATION SYSTEM  | CHECK FOR                  |
| LEAKS                   |                            |

## **PROPELLOR**

- |           |             |
|-----------|-------------|
| 1. BLADES | CHECK NICKS |
| 2. HUB    | SECURE      |
| 3. BOLTS  | SECURE      |

## **POD**

- |  |                     |
|--|---------------------|
| 1. POD   | CONDITION           |
| 2. VELCRO OPEN & INSPECT SPAR ATTACHMENT TO KEEL |                     |
| 3. WINDSCREEN                                    | CONDITION           |
| 4. PITOT TUBE                                    | SECURE & UNOBSTRUCT |
| 5. STATIC VENT                                   | SECURE & UNOBSTRUCT |
| 6. NOSE WHEEL & TYRE                             | CONDITION           |

## **RIGHT LANDING GEAR**

- |                          |           |
|--------------------------|-----------|
| 1. TYRE & WHEEL          | CONDITION |
| 2. BRAKE                 | CONDITION |
| 3. LEG & AXLE            | CONDITION |
| 4. LIFT STRUT ATTACHMENT | CONDITION |

## **RIGHT WING**

- |                             |                             |
|-----------------------------|-----------------------------|
| 1. LEADING EDGE             | CONDITION & DENTS           |
| 2. LIFT STRUT               | CONDITION                   |
| 3. WING SKINS               | CONDITION & BATONS IN PLACE |
| 4. VELCRO INSPECTION PANELS | OPEN & INSPECT              |
| 5. FLYING WIRE              | CONDITION                   |

## **RIGHT AILERON**

- |                          |                         |
|--------------------------|-------------------------|
| 1. HINGES & CONTROL HORN | CONDITION               |
| 2. SKINS                 | CONDITION               |
| 3. CONTROL RODS          | CONDITION               |
| 4. AILERON               | FREE & FULL<br>MOVEMENT |

## **FUSELAGE**

- |                              |                             |
|------------------------------|-----------------------------|
| 1. FUEL TANK                 | CONDITION                   |
| 2. FUEL FILTERS              | CLEAN                       |
| 3. FUEL CONTENTS             | SUFFICIENT                  |
| 4. FUEL SUMP<br>CHECK        | DRAIN &<br>FOR WATER        |
| 5. FUEL LINES                | UNOBSTRUCT<br>& NO LEAKS    |
| 6. CONTROL CABLES<br>TENSION | CHECK<br>& FREE<br>MOVEMENT |
| 7. PULLEYS                   | CONDITION                   |
| 8. FAIR LEADS                | CONDITION                   |
| 9. STRUCTURE                 | CONDITION                   |
| 10. SEAT BELTS & ATTACHMENTS | CONDITION                   |
| 11. TRIM BUNGIE              | CONDITION                   |

## **TAILPLANE & ELEVATOR**

- |                          |                                 |
|--------------------------|---------------------------------|
| 1. TAILPLANE             | CONDITION                       |
| 2. BRACING WIRES         | TENSION                         |
| 3. ELEVATOR              | CONDITION &<br>FREE<br>MOVEMENT |
| 4. ELEVATOR CONTROL HORN | CONDITION                       |

## **FIN AND RUDDER**

- |                  |                                 |
|------------------|---------------------------------|
| 1. FIN           | CONDITION                       |
| 2. RUDDER        | CONDITION &<br>FREE<br>MOVEMENT |
| 3. RUDDER CABLES | CHECK                           |

## **LEFT AILERON**

- |                          |                         |
|--------------------------|-------------------------|
| 1. HINGES & CONTROL HORN | CONDITION               |
| 2. SKINS                 | CONDITION               |
| 3. CONTROL RODS          | CONDITION               |
| 4. AILERON               | FREE & FULL<br>MOVEMENT |

## **LEFT WING**

- |  |                                   |
|--|-----------------------------------|
| 1. LEADING EDGE                        | CONDITION &<br>DENTS              |
| 2. LIFT STRUT                          | CONDITION                         |
| 3. WING SKINS                          | CONDITION &<br>BATONS IN<br>PLACE |
| 4. VELCRO INSPECTION PANELS<br>INSPECT | OPEN &                            |
| 5. FLYING WIRE                         | CONDITION                         |

## **LEFT LANDING GEAR**

- |                          |           |
|--------------------------|-----------|
| 1. TYRE & WHEEL          | CONDITION |
| 2. BRAKE                 | CONDITION |
| 3. LEG & AXLE            | CONDITION |
| 4. LIFT STRUT ATTACHMENT | CONDITION |

## **PRE START UP & START UP CHECKS**

1. SECURITY, HARNESSSES, DOORS SECURE
2. SWITCHES OFF
3. THROTTLE FREE  
MOVEMENT &  
CLOSED
4. ALL CLEAR BEHIND PROP CHECK
5. FUEL TAP OPEN
6. CHOKE (COLD CONDITIONS) SET
7. MASTER SWITCH ON
8. FUEL PUMP ON (10 SECS)
9. CLEAR PROP SHOUT
- 10.IGNITION START
- 11.MAGNETOS BOTH
- 12.RPM 1200 (4 - 5  
MINUTES)
- 13.OIL PRESSURE CHECK IN  
GREEN WITHIN 5 SEC IF NOT SHUT DOWN  
START UP & WARM UP 525 KPa
- 14.OIL TEMPERATURE 15° C AND  
RISING
- 15.RADIO ON
- 16.RPM 2200
- 17.MAG DROP 100 RPM

### NOTE:

APPLY FULL POWER WHEN CHT HAS REACHED  
100°C

**NEVER ALLOW CHT TO RISE ABOVE 150°C ON  
THE GROUND**

## **PRE TAXI & TAXI CHECKS**

- |                          |                |
|--------------------------|----------------|
| 1. CONTROLS              | FULL & FREE    |
| 2. HARNESS               | SECURE         |
| 3. INSTRUMENT & IGNITION | CHECK          |
| 4. FUEL                  | STATUS &<br>ON |
| 5. TRIM SET              | TAKE OFF       |
| 6. BRAKES                | CHECK          |
| 7. NOSE WHEEL CHECK      | FREE & FULL    |
| 8. COMPASS               | CHECK          |
| 9. TURN & SLIP           | CHECK          |

## **PRE TAKE OFF & TAKE OFF CHECKS**

- |                               |             |
|-------------------------------|-------------|
| 1. CONTROLS                   | FULL & FREE |
| 2. HARNESS                    | SECURE      |
| 3. DOORS                      | SECURE      |
| 4. INSTRUMENT                 | SCAN        |
| 5. FUEL                       | CHECK       |
| 6. FUEL PUMP                  | ON          |
| 7. TRIM SET                   | TAKE OFF    |
| 8. WIND DIRECTION             | CHECK       |
| 9. RUNWAY & APPROACH          | CLEAR       |
| 10. FULL POWER                | CHECK       |
| 11. CLIMB AT FULL RPM         | 3300        |
| 12. SPEED                     | 55 KTS      |
| 13. OIL PRESSURE              | CHECK       |
| A. NORMAL OPERATIONS MIN      | 220 KPa     |
| B. NORMAL OPERATIONS MAX      | 525 KPa     |
| C. DLE MIN                    | 80 KPa      |
| D. START UP & WARM UP         | 525 KPa     |
| 14. OIL TEMPERATURE           | CHECK       |
| A. MIN                        | 15°C        |
| B. MAX                        | 118°C       |
| C. CONTINUOUS                 | 80-100°C    |
| 15. CYLINDER HEAD TEMPERATURE | CHECK       |
| A. MAX CHT                    | 175°C       |
| B. CRUISE CHT                 | 150°C       |
| 16. AT 500 FT FUEL PUMP       | OFF         |

### **PERIODIC CHECKS EVERY 15 MINS**

- |                              |             |
|------------------------------|-------------|
| 1. LOCATION                  | CHECK       |
| 2. INSTRUMENTS               | SCAN        |
| 3. OIL PRESSURE              | 220-525 KPa |
| 4. OIL TEMPERATURE           | 80-100°C    |
| 5. CYLINDER HEAD TEMPERATURE | 150°C       |
| 6. FUEL                      | CHECK       |
| 7. ELAPSED TIME              | CHECK       |

### **APPROACHING AN AIRFIELD**

- |                     |           |
|---------------------|-----------|
| 1. ENHANCED LOOKOUT | AREA SAFE |
| 2. ALTITUDE         | SET QNH   |
| 3. RUNWAY UN USE    | CHECK     |
| 4. WIND SOCK        | OBSERVE   |

### **DOWN WIND CHECKS**

- |                   |             |
|-------------------|-------------|
| 1. FUEL           | CHECK       |
| 2. FUEL PUMP      | ON          |
| 3. HARNESS        | SECURE      |
| 4. ALL CLEAR      | CHECK       |
| 5. WIND DIRECTION | CHECK       |
| 6. THROTTLE       | AS REQUIRED |
| 7. RADIO          | CALL        |

### **ON APPROACH**

- |                            |                            |
|----------------------------|----------------------------|
| 1. GLIDE SLOPE             | BEST GLIDE                 |
| 2. TRIM                    | SET                        |
| 3. ALIGNMENT               | RUNWAY                     |
| 4. SPEED                   | 55 KTS                     |
| 5. POWER                   | 1500 RPM OR<br>AS REQUIRED |
| 6. RADIO                   | CALL                       |
| 7. AFTER LANDING FUEL PUMP | OFF                        |



### **SWITCHING OFF**

1. RPM FOR 30 SECONDS	2200
2. RPM FOR 30 SECONDS	IDLE
3. RADIO	OFF
4. MAGNETOS	OFF
5. MASTER	OFF

### **LIMITATIONS**

1. VA	71 KTS
2. VNE	102 KTS
3. VC	82 KTS
4. VR	45 KTS
5. VS	37 KTS
6. MANOEUVERS	+4.0 & -2.0 G
7. MAX WIND	25 KTS
8. MAX X-WIND	15 KTS
9. OIL AEROSHELL W MULTIGRADE 15 W-50 W	
10. FUEL LEADED OR UNLEADED AUTO GAS	

### **SPECIFICATIONS**

1. WING SPAN	9.60 M
2. WING CHORD	1.56 M
3. WING AREA	14.94 SQR M
4. HEIGHT(FIN)	2.41 M
5. LENGTH	5.971 M
6. FUEL CAPACITY	50 L
7. OIL QUANTITY	2.3 L