



## CHECKLIST

PT-DNE



### EMERGENCY PROCEDURES

#### ENGINE FIRE DURING START

|                                 |            |
|---------------------------------|------------|
| STARTER                         | CRANK      |
| <i>IF ENGINE START</i>          |            |
| THROTTLE                        | 1700 RPM   |
| MIXTURE                         | CUTOFF     |
| <i>IF ENGINE DOES NOT START</i> |            |
| STARTER                         | CRANK      |
| MIXTURE                         | CUTOFF     |
| THROTTLE                        | FULL OPEN  |
| FIRE EXTINGUISHER               | OBTAIN     |
| MAGNETOS                        | OFF        |
| MASTER                          | OFF        |
| FUEL SELECTOR                   | CLOSED     |
| FIRE                            | EXTINGUISH |

#### ENGINE FIRE DURING FLIGHT

|                         |         |
|-------------------------|---------|
| MIXTURE                 | CUTOFF  |
| FUEL SELECTOR           | CLOSED  |
| MASTER                  | OFF     |
| SPEED                   | 120 MPH |
| CARBURATOR HEAT         | CLOSED  |
| <i>IF FIRE PERSISTS</i> |         |
| FORCED LANDING          | EXECUTE |

#### ELECTRIC FIRE DURING FLIGHT

|                           |             |
|---------------------------|-------------|
| MASTER                    | OFF         |
| AIR INLETS                | CLOSED      |
| CABIN AIR AND HEAT        | CLOSED      |
| ELECTRIC EQUIPMENTS       | OFF         |
| LIGHTS                    | OFF         |
| INOP CIRCUIT              | IDENTIFY    |
| <i>IF FAIL RESOLVED</i>   |             |
| MASTER                    | ON          |
| OPERATIVE EQUIPMENTS      | ON          |
| <i>IF FIRE EXTINGUISH</i> |             |
| AIR INLETS                | IF REQUIRED |
| CABIN AIR AND HEAT        | IF REQUIRED |

#### ENGINE FAILURE DURING FLIGHT

|                 |         |
|-----------------|---------|
| FLAPS           | RETRACT |
| SPEED           | 80 MPH  |
| CARBURATOR HEAT | OPEN    |
| FUEL QUANTITY   | CHECK   |
| FUEL SELECTOR   | CHECK   |
| MIXTURE         | RICH    |
| PRIMER          | LOCKED  |
| MAGNETOS        | BOTH    |
| STARTER         | ON      |

**FORCED LANDING**

|                      |                  |
|----------------------|------------------|
| MIXTURE              | CUTOFF           |
| FUEL SELECTOR        | CLOSED           |
| MASTER               | ON               |
| ELECTRIC EQUIPAMENTS | OFF              |
| LIGHTS               | OFF              |
| FLAPS                | AS REQUIRED      |
| MASTER               | OFF              |
| DOOR AND WINDOWS     | UNLOCKED         |
| SHARP OBJECTS        | SECURED          |
| SEATS                | UPRIGHT POSITION |

**FOR EXPANDED OPERATION, CHECK THE  
ORIGINAL PILOT OPERATION HANDBOOK ON  
BOARD**



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### NORMAL PROCEDURES

#### BEFORE START

|                      |                       |
|----------------------|-----------------------|
| PREFLIGHT INSPECTION | COMPLETED             |
| ALTIMETER            | SET                   |
| CIRCUIT BREAKERS     | CHECKED               |
| FUEL SELECTOR        | BOTH TANKS            |
| SEATS AND SEATBELTS  | ADJUSTED AND FASTENED |
| BRAKES               | APPLIED               |

#### CLEARED FOR START

|                     |             |
|---------------------|-------------|
| ELECTRIC EQUIPMENTS | OFF         |
| CARBURATOR HEAT     | CLOSED      |
| MIXTURE             | RICH        |
| PRIMER              | AS REQUIRED |
| THROTTLE            | ADJUSTED    |
| MASTER              | ON          |
| BEACON LIGHT        | ON          |
| PROPELLER AREA      | CLEAR       |
| STARTER             | IGNITION    |

#### AFTER START

|                     |                 |
|---------------------|-----------------|
| ENGINE INSTRUMENTS  | CHECKED         |
| ELECTRIC EQUIPMENTS | CHECKED / SET   |
| NAVIGATION LIGHTS   | AS REQUIRED     |
| ELEVATOR TRIM       | SET FOR TAKEOFF |
| FLAPES              | ADJUSTED        |
| FLIGHT CONTROLS     | CHECKED         |
| TAKEOFF BRIEFING    | REVIEW          |

#### BEFORE TAKEOFF

|                      |                      |
|----------------------|----------------------|
| BRAKES               | CHECKED              |
| COMPASS AND STEERING | CHECKED              |
| FUEL SELECTOR        | BOTH TANKS           |
| MAGNETOS             | CHECKED              |
| CARBURATOR HEAT      | CHECKED              |
| MIXTURE              | CHECKED              |
| AMMETER              | CHECKED              |
| SUCTION              | CHECKED              |
| ENGINE INSTRUMENTS   | CHECKED              |
| IDLE                 | CHECKED              |
| FUEL QUANTITY        | CHECKED / ___ LITERS |

#### CLEAR FOR TAKEOFF

|                |          |
|----------------|----------|
| LANDING LIGHTS | ON       |
| TRANSPONDER    | ON / ALT |

#### AFTER TAKEOFF

|                    |           |
|--------------------|-----------|
| FLAPS              | RETRACTED |
| THROTTLE           | ADJUSTED  |
| LANDING LIGHTS     | OFF       |
| ENGINE INSTRUMENTS | CHECKED   |

#### CRUISE

|                    |               |
|--------------------|---------------|
| THROTTLE           | ADJUSTED      |
| MIXTURE            | LEANED        |
| ENGINE INSTRUMENTS | CHECKED       |
| ALTIMETER          | SET / CHECKED |

| DESCENT AND APPROACH   |  |
|--|--|
| BRIEFING AND PREPARATION   | COMPLETED  |
| FUEL SELECTOR  | BOTH TANKS   |
| MIXTURE  | RICH   |
| CARBURATOR HEAT  | AS REQUIRED  |
| ALTIMETER  | SET / CHECKED  |
| SEATS AND SEATBELTS  | ADJUSTED AND FASTENED  |
| BEFORE LANDING   |  |
| LANDING LIGHT  | ON   |
| CARBURATOR HEAT  | OPEN   |
| FLAPS  | ADJUSTED   |
| AFTER LANDING  |  |
| TRANSPONDER  | STANDBY  |
| FLAPS  | RETRACTED  |
| CARBURATOR HEAT  | CLOSED   |
| ELEVATOR TRIM  | NEUTRAL  |
| LIGHTS   | TAXI   |
| SHUTDOWN   |  |
| ELECTRIC EQUIPMENTS  | OFF  |
| TAXI LIGHTS  | OFF  |
| MIXTURE  | SHUTOFF  |
| THROTTLE   | IDLE   |
| MAGNETOS   | OFF  |
| BEACON LIGHTS  | OFF  |
| MASTER   | OFF  |
| SECURE   |  |
| FLIGHT CONTROL LOCK  | SET  |
| SEATBELTS  | FASTENED   |
| SHOCKS   | SET  |
| PITOT TUBE COVER   | SET  |
| INLET COVERS   | SET  |
| DOORS  | LOCKED   |
| TIES   | AS REQUIRED  |
| <ul style="list-style-type: none"> <li>- Engine test RPM: 1700 RPM</li> <li>- Maximum RPM drop: 125 RPM</li> <li>- Maximum RPM difference: 50 RPM</li> </ul>   |  |
| <p><b>Takeoff briefing sequence:</b></p> <ul style="list-style-type: none"> <li>- Wind speed and direction</li> <li>- Runway in use</li> <li>- Runway conditions and characteristics</li> <li>- Taxi procedure</li> <li>- Takeoff procedure</li> <li>- Climb procedure</li> <li>- Emergency procedure</li> </ul> | <p><b>Approach briefing sequence:</b></p> <ul style="list-style-type: none"> <li>- Wind speed and direction</li> <li>- Runway in use, conditions and characteristics</li> <li>- Approach procedure</li> <li>- Landing configuration</li> <li>- Missed approach procedure</li> <li>- Alternate airport</li> <li>- Taxi out procedure</li> </ul> |



## CHECKLIST

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### PREFLIGHT INSPECTION

#### CABIN

|                     |                    |
|---------------------|--------------------|
| FLIGHT CONTROL LOCK | REMOVED            |
| FLIGHT CONTROLS     | FREE AND CORRECT   |
| MAGNETOS            | OFF                |
| MASTER              | ON                 |
| FUEL QUANTITY       | CHECKED            |
| FLAPS               | EXTENDED           |
| MASTER              | OFF                |
| FLIGHT INSTRUMENTS  | CHECKED            |
| FUEL SELECTOR       | BOTH TANKS         |
| FIRE EXTINGUISHER   | CHECKED            |
| DOCUMENTS           | CHECKED / ON BOARD |

#### LEFT SIDE FUSELAGE

|                   |                |
|-------------------|----------------|
| LUGGAGE DOOR      | CHECKED/CLOSED |
| GENERAL CONDITION | CHECKED        |

#### EMPENNAGE

|                                 |              |
|---------------------------------|--------------|
| VERTICAL/HORIZONTAL ESTABILIZER | CHECKED      |
| CONTROL SURFACES                | FREE/CHECKED |
| LIGHTS                          | CHECKED      |
| ANTENNAS                        | CHECKED      |

#### RIGHT SIDE FUSELAGE

|                   |         |
|-------------------|---------|
| GENERAL CONDITION | CHECKED |
|-------------------|---------|

#### RIGHT SIDE WING

|               |               |
|---------------|---------------|
| WING          | CHECKED       |
| SURFACES      | CHECKED       |
| LIGHTS        | CHECKED       |
| FUEL QUANTITY | CHECKED       |
| FUEL CAP      | SECURE        |
| FUEL DRAIN    | DRAIN CHECKED |

#### RIGHT SIDE LANDING GEAR

|              |         |
|--------------|---------|
| LANDING GEAR | CHECKED |
| TIRE         | CHECKED |
| BRAKES       | CHECKED |

#### ENGINE

|                       |              |
|-----------------------|--------------|
| OIL                   | CHECKED      |
| GENERAL CONDITION     | CHECKED      |
| PROPELLER AND SPINNER | CHECKED      |
| ENGINE AIR INLET      | UNOBSTRUCTED |
| AIR FILTER            | CHECKED      |
| STATIC SOURCE         | CHECKED      |

#### NOSE WHEEL LANDING GEAR

|              |         |
|--------------|---------|
| LANDING GEAR | CHECKED |
| TIRE         | CHECKED |

| <b>LEFT SIDE WING</b>  |                  |
|--|------------------|
| WINGS  | CHECKED          |
| SURFACES   | CHECKED          |
| LIGHTS   | CHECKED          |
| FUEL QUANTITY  | CHECKED          |
| FUEL CAP   | CHECKED          |
| FUEL DRAIN   | DRAIN CHECKED    |
| PITOT TUBE COVER   | REMOVED          |
| <b>LEFT SIDE LANDING GEAR</b>                                  |                  |
| LANDING GEAR   | CHECKED          |
| TIRE   | CHECKED          |
| BRAKES   | CHECKED          |
| <b>DRAIN</b>   |                  |
| FUEL FILTER  | DRAIN CHECKED    |
| <b>AIRCRAFT DOCUMENTATION</b>                                  |                  |
| AIRWORTHINESS CERTIFICATE                                      | ON BOARD         |
| REGISTRATION CERTIFICATE                                       | ON BOARD         |
| WEIGHT AND BALANCE MANIFEST                                    | ON BOARD         |
| FIAM/FIEV  | ON BOARD         |
| RADIO LICENCE - ANATEL FEE PAYMENT                             | ON BOARD         |
| RETA INSURANCE   | ON BOARD         |
| NSCA 3-13  | ON BOARD         |
| AIRCRAFT POH   | ON BOARD         |
| CHECKLISTS   | ON BOARD         |
| <b>MINIMUM FUEL</b>  |                  |
| DAYLIGHT LOCAL FLIGHT  | A+B+35 LITERS    |
| NIGHTLIGHT LOCAL FLIGHT  | A+B+50 LITERS    |
| ROUTE FLIGHT   | A+B+C+30 MINUTES |
| <b>OVERNIGHT EQUIPAMENT</b>                                    |                  |
| SHOCKS   | ON BOARD         |
| WING TIES  | ON BOARD         |
| COVERS   | ON BOARD         |
| OIL SAE50 / W100 - MINIMUM 6,0 US QUARTS MAXIMUM 7,5 US QUARTS |                  |
| <b>PREFLIGHT INSPECTION</b>                                    |                  |
|  |                  |