

TB9 TAMPICO PREFLIGHT CHECKLIST

Revision 06-01-2019

DISPATCH CHECK

1. **Weather & NOTAMS**.....**Obtained.**
2. **Squawks**.....**Binder Reviewed.**
3. **Inspections**...**Binder dates Reviewed.**
4. **Sick sacks**.....**Two in binder.**

ARRIVAL

1. **Baggage Door**.....**Open.**
2. **Cabin Door**.....**Cracked.**
3. **Fuel Selector**.....**Left or Right.**
4. **Fuel Quantity**.....**Checked .**
5. **Fuel Sump**....**Wings & Belly Sumped.**
6. **Tiedowns/Chocks/Covers Removed.**
7. **Oil Level**.....**6 to 7 Quarts.**

INTERIOR PREFLIGHT

1. **Control Lock**.....**Removed.**
2. **Mixture**.....**Idle cut off.**
3. **Avionics Master**.....**OFF.**
4. **Magnetos/Ignition Switch**.....**OFF.**
5. **Main**.....**ON.**
6. **Voltmeter**.....**Confirm 24+ volts.**
7. **Fuel Gages**...**Compared to visual Qty.**
8. **Flaps**.....**Takeoff.**
9. **Annunciators**.....**Tested.**
10. **Main**.....**OFF.**
11. **Compass Card**.....**Installed.**
12. **Flight Controls**
.....**Free/ full / correct travel.**
13. **Cabin Lights**.....**Set as desired.**
14. **Circuit Breakers**.....**All in.**
15. **Fire Extinguisher**..**Checked integrity.**

16. **Fuel Selector**.....**Set to least full.**
17. **Friction lock**.....**Set desired.**
18. **Heating and Cooling Vents**.....**Set.**
19. **Hobbsmeter**.....**Recorded.**
20. **Tachometer**.....**Crosschecked.**
21. **Documentation**...**Checked AROW.**
22. **Passenger Briefing Cards**..**Located.**
23. **Seat Latch**.....**Secured.**

EXTERIOR PREFLIGHT

1. **Cabin Roof****Antennas inspected.**
2. **Left Main Landing Gear**...**Inspected rear. (Tread, inflation, hub, disk, pads, lines, & absorber).**
3. **Left Fuel Vent**.....**Clear.**
4. **Left Wing Electrical Lines Inspected.**
5. **Left Flap**...**Hinges secure. Has play.**
6. **Pitot Drain**.....**Clear.**
7. **Left Aileron**.....**Secure. Free & correct travel. (Actuator has play. Tabs folded. No Left/Right, back and forth play.)**
8. **Left WingTip**..**Undamaged & secured.**
9. **Left Wing Surface**...**Lead edge, Stallwarning vane, Rivets, Undamaged.**
10. **Pitot Tube**.....**Clear.**
11. **Fuel Cap**.....**Secured.**
12. **Inspection Panels**.....**Closed.**
.....**Screws flush.**
13. **Pitot Heat / External Lights, Stall Bell**.....**Checked (Reach into cabin).**
14. **Switches, Switch Breakers**..**All OFF.**
15. **Main Landing Gear**.....**Inspect Front.**
16. **Belly Fixtures**...**Present & secured.**
17. **Crank Case Oil Breather**.....**Clear.**
18. **Underside Cowl Gaps**.....**Clear.**
19. **Nose Landing Gear**..... **Inspected.**
20. **Left Cowl Hardware**.....**Inspected.**
21. **Left Cabin Intake**.....**Clear.**
22. **Carburetor Intake**.....**Clear.**
23. **Engine Cooling Intakes**.....**Clear.**
24. **Propeller**.....**Inspected.**

25. **Spinner**.....**Inspected.**
26. **Right Cowl Hardware**.....**Inspected.**
27. **Cabin Intake**.....**Clear.**
28. **Transponder Antenna**.....**Inspected.**
29. **Right Fuel Drain, Tank, Fuel Cap, Main Landing Gear, Wing Surface, Lead edge, Underside, Wingtip, Aileron, Flap, Tie-Down, Electrical Cables, Fuel Vent**...**As per Left side.**
30. **Strakes**.....**Inspected.**
31. **Right Fuselage**.....**Inspected.**
32. **Right Static Port**.....**Clear.**
33. **Vertical Stabilizer**.....**Secured.**
34. **Tail Cabin Intake**.....**Clear.**
35. **Rudder**.....**Undamaged. Has play.**
36. **Tail Cone**.....**Screws secured.**
37. **Stabilator**...**Free travel, undamaged.**
.....**Recess unobstructed.**
38. **Stabilator Tab**.....**Secured.**
.....**Vertical play only.**
39. **Left Fuselage**.....**Inspected.**
40. **Left Static Port**.....**Clear.**
41. **Windshield**.....**Clean?**
.....**(Use Pledge & diaper rags).**
42. **Shock Struts**.....**Clean?**
.....**(Spray clean with brake cleaner.)**

PREFLIGHT COMPLETION

1. **Oil Cans & Shop towels in Trash Box Only)**
2. **Wash hands after handling fuel, oil, or chemicals!)**
3. **Loose Baggage**.....**Secured.**
4. **Baggage door**.....**Locked shut.**
5. **WALK AROUND****Chocks, tiedowns, cowl plugs, towbars**.....**Removed.**
Fuel and oil caps.....**Secured.**

REFERENCE CARD
Revision 06-01-2019 B

PASSENGER BRIEFING

1. **Seat belt operation.**
2. **Cabin Doors & Window Operation.**
3. **No smoking.**
4. **Moving Switches & Controls –**
Obtain Permission from PIC and use Positive Exchange.
5. **Passenger Illness:**
 - a. Sick sack location.
 - b. Informing crew early.
 - c. Air vent function.
6. **Forced landing:**
 - a. Seats back, glasses off.
 - b. Loose Items - Stow
 - c. Assume Brace position.
 - d. Cushioning – Obtain.
 - e. Unlatch doors only on PIC's cue.
 - f. Rear windows can kick out.
 - g. Exit 45 degrees to rear after landing.
7. **Safety Equipment Location:**
 - a. Fire Extinguisher
 - b. Egress Hammer
 - c. Flotation Devices
 - d. First Aid, Flares
8. **Unnecessary conversation -** Avoid during critical phases.
9. **Passengers assist in locating traffic.**

DEPARTURE ENGINE OUT BRIEF

**WITH RUNWAY.....STOP.
NO RUNWAY OR ALTITUDE**

**.....GLIDE AHEAD & SECURE.
(Securing: Mix OFF. Flaps SET. Main OFF)
.....APPROACH BEST SURFACE.
.....and TURN INTO WIND.**

LOW ALTITUDE
**....TROUBLE SHOOT BEFORE SECURE.
(Troubleshooting: Mix Rich, Pump ON.
Check Oil & Fuel Gages. Change Tanks.
Mags BOTH)**

**UNDER PARTIAL POWER LOSS.....
TURN BACK ONLY AVAILABLE FROM
LOW ALTITUDE OR HIGHER.**

**OTHERWISE FIRST CHANCE TO
CONSIDER ENGINE OUT TURN BACK
IS WHEN RUNWAY VISIBLE ON
WINGTIP.
(Airplane glides 1.5 nm from 1000 AGL at
85 kts, including turns.)**

**GIVEN CURRENT LOCAL WINDS &
TERRAIN WE WILL CALL LOW
ALTITUDE _____ FEET.**

*Briefings on this page are intended to
be reviewed prior to engine start.*

DEPARTURE BRIEFING

WE ARE DEPARTING RUNWAY _____
IT IS (LEFT/RIGHT) TRAFFIC. RUNWAY
IS _____ FEET LONG.
WIND WILL MOSTLY BE ON THE
(LEFT/RIGHT) SIDE OF THE RUNWAY.

WE'LL CHECK INITIAL ACCELERATION
WHEN SPEED IS ALIVE AT 40 KTS. WE
SHOULD THEN BE ABOUT ONE STRIPE
DOWN THE RUNWAY. WE WILL
CONFIRM SMOOTH ACCELERATION
MIDWAY IN THE TAKE OFF ROLL. WE
SHOULD ROTATE AT ABOUT
(_____ FEET OF GROUND ROLL /
NEAR TAXIWAY_____)

ROTATE AT _____ KNOTS & PITCH FOR
_____ KNOTS. PASSING _____ FEET,
(FLY HEADING / TURN CROSSWIND)
_____. TOP OF CLIMB IS _____
FEET.

WE WILL BE CLOSED TRAFFIC (or)
PRIMARY NAVIGATION WILL BE
[VISUAL, LOOKING FOR _____
(LANDMARK) / (GPS TO _____ / THE
____ VOR)].

IN THE EVENT OF AN EMERGENCY,
____ WILL FLY THE AIRPLANE, AND ON
CUE _____ WILL READ THE CHECKLIST
BY "CHALLENGE & RESPONSE
RESPONSE"

Insure copilot can locate check lists for
Engine Failure On Take Off, Engine Failure
In Flight, Forced Landing, Precautionary
Landing, and Fires.

TB9 TAMPICO OPERATING CHECKLIST

Revision 06-01-2019 B

Italicized items are minimum ground repo tasks.
Bold items are checklist items to be verbalized.
 (Parantheses) items provide expansion.
 "Quotes" items are call outs.

PRESTART Flow & Check

1. **Passengers / Emergencies**.....**Briefed.**
2. **Departure Procedures**.....**Reviewed.**
3. **Belts, Harnesses**.....**Secured.**
4. **Brakes**.....**Tested.**
5. **Main Switch**.....**ON.**
6. **Voltmeter**.....**>24 Volts.**

(Defer to AFTERSTART if volts limited)

7. **CRAFT**.....**Loaded.**
 (Cleared Route, Altimeter, Frequencies,
 Transponder Code/ ALT Mode)

8. **Avionics Master****OFF.**
9. **Intercom/Speaker**.....**Configured.**
10. **Nav Lights**.....**ON.**
11. **Doors**.....**Secured.**

12. **Ignition Key**.....**Inserted.**
13. **Fuel Selector**.....**ON** least full.
14. **Carburetor Heat**.....**OFF.**
15. **Mixture**.....**Enrich 2/3rds travel.**
16. **Fuel Pump**.....**ON.**
17. **Fuel Pressure**.....**Green.**
18. **Annunciators**.....**Reviewed.**

-----**Start**-----

Reference & Flow

1. *Prop Area*.....Cleared.
2. *Throttle*.....Prime as needed.
(1- 3x cycles & set open aft of divet)
3. *Ignition*.....Start until engine catches.

AFTER START Flow & Check

1. **RPM**.....(*Cold / Warm*) **1000 / 1200.**
2. **Oil Pressure**.....**Green** (Within 30 sec.)
 (Annunciator Out)
3. **Alternator Switch**.....**ON.**
(Voltage - Green. Gen.Warning- unlit.)
4. **Landing,Taxi Lights**.....**Cycled.**
**Volts Checked.**
5. **Fuel Pump**.....**OFF.**
 ...(Pressure - Green. Annunciator - Out.)
6. **Turn Coordinator**.....**ON.**
7. **Flight Instruments**.....(Checked) **Set.**
8. **Avionics**.....**ON.**
9. **Headsets & Radios**.....**Checked.**
10. **CRAFT**.....**Checked.**
11. **Transponder**.....**Reply Light ON.**
12. **Bugs**.....**Set.**
13. **ADSB**.....**As Required.**
14. **Fuel Selector**.....**Fullest.**
15. **Trim**.....**TAKE OFF.**
16. **Mixture**.....($\frac{1}{2}$ travel.) **Lean for taxi.**
17. **Flaps**.....**Cycled.**
(Landing, Retracted. Set Take Off.)
18. **Time**.....**Noted.**
19. **Parking Brake**.....**OFF.**

TAXI Flow & Check

1. **Gyros**.....**Actuated.**
2. **Oil Stains**.....(Turn) **Checked.**
3. **Flight Controls**.....**Free.**
4. **Lights**.....**As Required.**

At Runup Spot:

5. **Nose wheel****Straight.**
6. **Parking Brake**.....**Set.**
7. **Doors**.....**Secured.**
8. **Oil Temp**.....**Green.**
 (Warm at 1500 RPM)
9. **Mixture**.....**Rich.**

ENGINE RUNUP & BEFORE TAKE OFF

Flow & Check

- (Runup Power – 2000)
1. **Magneto Checks (L & R)**.....
**<175 RPM drops.**
**<50 RPM Differential.**
 2. **Magnetos**.....**BOTH.**
 3. **Engine Inst. Annunciators, Vacuum**
**Green.**
 4. **Carb Heat Test**.....**RPM falls/rises.**
 5. **Idle Test**.....**RPM steady.**
 6. **RPM**.....**1200.**
 7. **Breakers**.....**Flush/cool.**
 8. **Parking Brake**.....**Released.**

-----**Before Take Off**-----

9. **Fuel Selector**.....**Set.**
10. **Trim**.....**TAKE OFF.**
11. **Mixture**.....**Forward.**
12. **Carb Heat**.....**Forward.**
13. **Flaps**.....**TAKE OFF.**
14. **Fuel Pump**.....**ON.**
15. **DG**.....**Set.**
16. **CRAFT**.....**Set / As Needed.**
17. **Departure Brief**.....**As Needed.**
 (Speeds, Courses, Altitudes, Emergency)
 (Take Off and Climb Flows)

- | | |
|-----------------------------|-----------------|
| VR..... | 65 KIAS. |
| VY - Flaps - TAKE OFF..... | 73 KIAS. |
| VY - Flaps - Retracted..... | 78 KIAS. |
| VG..... | 85 KIAS. |
| Power Off Short Final..... | 70 KIAS. |

-----**Final Items**-----

18. **Doors**.....**Latched.**
19. **Lights**.....**Strobes / Recog ON.**
(Landing if dark, or towered field)

TAKE OFF	Reference & Flow																				
<ol style="list-style-type: none"> 1. "Approach & Departure..... Clear." 2. Max Power (Set / Check)..... " +2400 RPM, Oil & Fuel Press. Green." 3. "Brakes..... Released." 4. "40 kts (by 2nd Centerline Stripe.) Continue / Stop." 5. "Good Acceleration (by 4th Centerline Stripe.) Continue / Stop." 6. "65 kts (VR)..... Rotate." <p style="margin-left: 20px;">Attitude: +5 degrees >VY. +10 deg. @ VY</p>																					
CLMB	Flow & Check																				
<ol style="list-style-type: none"> 1. Flaps..... (300 AGL) Retracted. 2. Cruise Climb..... (700 AGL) Set. <p>Exiting Pattern:</p> <ol style="list-style-type: none"> 3. Fuel Pump OFF. 4. Fuel Pressure Checked. 5. Timer Started. 																					
CRUISE	Flow & Check																				
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Density Altitude</th> <th>RPM</th> <th>% BHP</th> <th>Best Power GPH/TAS</th> </tr> </thead> <tbody> <tr> <td>2,000</td> <td>2550 2500</td> <td>75- 70</td> <td>10-/106kt 9.5/104kt</td> </tr> <tr> <td>4,000</td> <td>2600 2550</td> <td>75- 70-</td> <td>10-/107kt 9.25+/104</td> </tr> <tr> <td>6,000</td> <td>2650</td> <td>70</td> <td>9.75+/107</td> </tr> <tr> <td>8,000</td> <td>2700</td> <td>70</td> <td>9.75+/107</td> </tr> </tbody> </table>	Density Altitude	RPM	% BHP	Best Power GPH/TAS	2,000	2550 2500	75- 70	10-/106kt 9.5/104kt	4,000	2600 2550	75- 70-	10-/107kt 9.25+/104	6,000	2650	70	9.75+/107	8,000	2700	70	9.75+/107	<ol style="list-style-type: none"> 1. RPM, Mixture.....Set (As above.) 2. Trim.....Set (As needed.) 3. Lights.....Set (As needed.) 4. DG.....Set (As needed.)
Density Altitude	RPM	% BHP	Best Power GPH/TAS																		
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8,000	2700	70	9.75+/107																		

5. Indications.....Verified. (Monitor.)
6. Fuel Tanks.....Selected.
.....(Switch every 30 min with Pump ON.)
7. Trend Data.....Confirm.

DESCENT	Flow & Check
<ol style="list-style-type: none"> 1. Lights.....ON (As needed.) 2. Brakes Resistance Checked. 3. System Indications..... Verified. 4. DG.....Reset. 5. Seat Belts, Harnesses, Loose Items..... Secure. 6. Mixture.....Enrich. 7. Weather & Altimeter.....Checked / Set. 8. Radio.....Set. 	
SPEEDS	Quick Reference
<ol style="list-style-type: none"> 1. Approach - No Flaps.....85 KIAS. 2. Approach - Flaps TAKE OFF...80 KIAS. 3. Approach - Flaps LANDING....75 KIAS. 4. No wind, short field, TCH.....67 KIAS. 5. VX- Flaps TAKE OFF.....65 KIAS. 	
APPROACH TO LAND	Flow & Check
<ol style="list-style-type: none"> 1. Fuel Pump.....ON. 2. Fuel Selector.....(Fullest) L / R. 3. Mixture.....RICH. 4. Carb Heat.....ON. 5. Flaps.....(As needed.) 	
AFTERLANDING	Flow & Check
<ol style="list-style-type: none"> 1. Flaps..... TAKE OFF. 2. Carburetor Heat.....OFF. 3. Mixture.....Lean for taxi. 4. Fuel Pump.....OFF. 5. Strobes / Landing Light.....OFF. 	

SHUT DOWN	Flow & Check
<ol style="list-style-type: none"> 1. Taxi Light..... OFF. 2. Turn Coordinator OFF. 3. ELT.....(121.5) Quiet. <p style="text-align: center;">-----Reference & Do-----</p> <ol style="list-style-type: none"> 4. ALL Avionics Units.....OFF. 5. Power.....800 RPM. 6. Mags.....Ground tested. (Mags L / OFF / Both) 7. Mixture.....Cut off. 8. Magnetos.....OFF. Key out. 9. AlternatorOFF. 10. MainOFF. 11. Fuel Selector..... OFF. 12. Parking Brake.....Set (IF Required.) 	
POST FLIGHT	Reference & Flow
<ol style="list-style-type: none"> 1. All Lights.....(Cabin & External) OFF. 2. Flight Plan.....CLOSED. 3. Hobbs, & Tachometer times.....Record. 4. Timer.....Reset. 5. Squawks.....Record. 6. Control Lock.....Installed. 7. Trash.....Removed. 8. Towbar.....Secured. 9. Cowl plugs.....Install. 10. Pitot cover.....Install. 11. Cabin cover.....Install. 12. Tiedowns.....Secure. 13. Tire condition.....Verify. 14. Bugs.....Washed off. 15. Doors.....Latch cabin & cargo. 	

EMERGENCY PROCEDURES

TB9 Revision 11-01-2016

ENGINE PROBLEMS

ENGINE FAILURE ON THE ROLL

1. **Brakes**.....**Max.**
2. **Mixture**..... Idle Cut Off.
3. **Magnetos**.....**OFF.**
4. **Main Switch****OFF.**
5. **Fuel Selector**.....**OFF.**

ENGINE FAILS JUST AFTER TAKE OFF

1. **Speed**.....**70 kts**, gentle banks only.
2. **Mixture**.....**Full Rich.**
3. **Fuel Selector**.....**Switch tank.**
4. **Fuel Pump**.....**ON.**

If engine does not start:

5. **Mixture**.....**Idle Cut OFF.**
6. **Fuel Selector & Pump**..... **OFF.**
7. **Land**.....**Ahead.**
8. **Magnetos & Main Switch**.....**OFF.**

FAILED ENGINE AIRSTART IN FLIGHT

1. **Speed**86 kts.
2. **Main Switch****ON.**
3. **Fuel Pump**.....**ON.**
4. **Mixture**.....Idle Cut OFF.
5. **Fuel Gages**..... **Check.**
6. **Fuel Selector**.....**Switch Tank.**
7. **Magnetos**.....**BOTH.**
8. **Starter**.....**Engage** if Prop Stopped.
9. **Mixture**.....**Enrich** if engine catches.
10. **If engine does not restart**.....

...Go to **Forced Landing, Engine Out**

LOW OIL PRESSURE

1. **Light On & Gage Low**...Reduce Power.
2. **Oil Temp in High Red**..Reduce Power.
...Go to **Forced Landing, Engine Out**

LOW FUEL FLOW (Verify fuel Qty gages)

1. **Fuel Pump**.....**ON.**
2. **Fuel Selector**.....**Switch Tank.**

ENGINE VIBRATION

1. **Carb Heat**.....**Apply.**
2. **Mixture**.....**Adjust.**
3. **RPM**.....**Adjust** for minimum vibration.
4. **Emergency**.....**Declare. Land.**

FORCED LANDING, ENGINE OUT

1. **Speed**.....**86 kts.**
.....**Best Glide is 1.6 NM/1000 feet.**
2. **Radio**.....**Mayday call. 121.5 or ATC.**
3. **Transponder**.....**7700.**
4. **Mixture**.....**Idle Cut OFF.**
5. **Fuel Selector****OFF.**
6. **Fuel Pump**.....**OFF.**
7. **Magnetos**.....**OFF.**
8. **Flaps**.....**LANDING.**
9. **Seats, Belts, Harnesses**.....**Secured.**
10. **Main Switch**.....**OFF.**
11. **Touch Down**.....**Nose High.**

PRECAUTIONARY LANDING

1. **Radio**.....**Mayday call. 121.5 or ATC.**
2. **Speed**.....**70 kts.**
3. **Field**.....**Fly over prior to approach.**
4. **Seats, Belts, Harnesses**.....**Secured.**
5. **Main Switch**.....**OFF.**
6. **Landing**.....**Full Flaps. Nose high.**
7. **Mixture**..... **OFF during flare.**
8. **Mags, Fuel Selector**.....**OFF.**
9. **Brakes**.....**Apply.**

DITCHING

1. **Radio**.....**Distress Call 121.5 or ATC.**
2. **Seats, Belts, Harnesses**.....**Secured.**
3. **Flaps**.....**Landing.**
4. **Speed**.....**70 kts.**
5. **Main Switch, Mixture, & Fuel**.....**OFF.**
6. **Touch Dwn. Nose high/parallel swells.**

JAMMED DOORS - Kick out aft windows.
or use Egress Hammer.

FIRES

ENGINE FIRE DURING START

1. **Mixture**.....**Idle Cut-Off.**
2. **Ignition**.....**"Start."**
3. **Throttle**.....**Full forward.**
4. **Fuel Selector**.....**OFF.**
5. **Fire Continues**
 - a. **Main & mags**.....**OFF.**
 - b. **Evacuate & extinguish.**

CABIN FIRE

1. **Main**.....**OFF.**
2. **Cabin Air/Demist**.....**Fire Cut Off.**
3. **Extinguisher**.....**Activate.**
4. **Cabin Air**.....**Partial open as needed.**
5. **Emergency****Declare. Land.**

AIRBORNE ENGINE FIRE

1. **Smoke/Flames Visually Detected**.....
2. **Dive**.....**Suffocate Fire.**
.....**(Altitude Permitting)**
2. **Fuel Selector**.....**OFF.**
3. **Mixture**.....**OFF.**
4. **Fuel Pump**.....**OFF.**
5. **Throttle**.....**Full Open.**
6. **AIR**.....**Fire Cut OFF.**
7. **Forced Landing, Engine Out Execute.**

WING FIRE

1. **Pitot Heat**.....**OFF.**
2. **Navs, taxi & landing lights**.....**OFF.**
3. **Slip**...Keep flames off fuel tank and tail.
4. **Dive**.....**Suffocate Fire.**
.....**(Altitude Permitting).**
5. **Emergency**.....**Declare. Land.**

AIRBORNE ELECTRICAL FIRE

1. Fire in engine compartment –
 - a. Main switch.....OFF.
 - b. AIR.....Fire Cut OFF.
2. Fire in cabin -
 - a. Main.....OFF.
 - b. ALT SB & Appliances.....OFF.
 - c. AIR.....Fire Cut OFF.
 - d. Extinguisher.....Activate.
3. If Fire Out-
 - a. Main Switch.....ON.
 - b. Faulty CB.. Do not reset if popped.
 - c. Electrical Units.....ON one at a time.
 - d. Cabin Air..... As needed.

SYSTEM FAILURES

DOOR OPENING IN FLIGHT WHILE ALONE

1. Door Underside or Handle..Hold if able.
2. Control Wheel & Power.....
.....Operate with free hand as needed.
3. Rudder.....Apply as needed.
4. Airspeed.....80 KIAS.
5. Flaps & Trim ..Do not change until field made
6. Field Made.....Land with both hands.

AIRSPEED INDICATOR FAILURE

1. Pitot Heat.....ON.
2. GPS Ground Speed....Cross check.

VACUUM PUMP FAILURE

GPS.....Cross check for track readout.

STATIC SYSTEM FAILURE

GPS....Cross check Altitude, GS, VS info.

SINGLE BRAKE FAILURE - LANDING

(Aircraft pulling to side at application, not decelerating)

1. Rudder.....Heavy opposite to yaw.
2. Brakes.....Pump.
3. Wing Flaps.....Retract.
4. Stabilator.....Full back.

FLAT MAIN TIRE – LANDING

(Aircraft pulling to side without brakes applied)

1. Aileron & Rudder..... Opposite yaw.
2. Momentum..Maintain to nearest exit.

STABILATOR FAILURE

1. Trim.....80 KIAS.
2. Flaps.....Landing.
3. Power
 - a. For 500 FPM descent.
 - b. Carry into the landing flare.
4. Flare.....With trim.

AILERON FAILURE

1. Rudder.....Lateral control.
2. Flaps.....Retract.
3. Approach..... Greater than 70 kts.

INVOLUNTARY SPIN

1. Throttle.....Idle.
2. Rudder.....Full & opposite rotation.
3. Stabilator.....Briskly forward.
4. Ailerons.....Neutral.
5. Flaps.....Retracted.

Bold Items are 1WA Memory Items.

Italicized items are recommended by 1World Aero, and are not specified by Socata AFM.

ELECTRICAL

ELECTRICAL EQUIPMENT FAILURE

CB Popped.....Only reset Once if urgent.

ALTERNATOR FAILURE

(Annunciator on, voltmeter yellow or red)

1. Alt. SB & CB.....OFF/Pull.
2. Alt. SB & CB.....ON/Engage.
3. If Annunciator light constant,
 - a. Alt SB & CB.....OFF/ Pull.
 - b. Electrical load...Reduce/Minimize.
 - c. Divert.

RADIO MASTER SWITCH FAILURE

1. Radio Master CB.....Pull Open.

COMMUNICATIONS FAILURE

1. Radios.....Check Volume.
2. PTT.....Test Pilot/Copilot.
3. Intercom.....Check.
4. Nav Audio.....Select if IFR.
.....Monitor nearest VOR.
5. Headset Jacks.....Swap.
6. CB Panel.....Check.
7. Radios.....Transmit in Blind.
8. Squawk..... 7600.

WEATHER

INADVERTANT ICING

1. Heading.....Turn around.
2. Altitude.....Change.
3. Carb Heat.....ON.
4. Pitot Heat.....ON.
5. Demisting & Heating..... Max.
6. RPM...High. Cycle to max @ intervals.
7. Stall speed.....Expect increase.