

Tecnam P2002 JF Checklist



WATERFORD ATIS : 121.15 **TOWER:** 129.85
SHANNON INFO : 127.5

Aeroclub:.....051-873133
Waterford Tower:.....051-846613
Shannon AIS:.....061-703750

Personal Checklist – I'M SAFE?

I.....Illness
M.....Medication
S.....Stress
A.....Alcohol
F.....Fatigue
E.....Emotion

Do I Meet Club Currency Requirements?

Document Checklist - ARROW

A.....Airworthiness Certificate
R.....Radio Station Licence
R.....Registration Certificate
O.....Operating Limitations (POH)
W.....Weight & Balance
I.....Insurance Certificate

Do I Have Appropriate Navigation Charts?
Have I Noted Tachometer Reading / Dispatch Form?

Cockpit Check

Parking Brake.....ON
Magneto Switch.....**OFF & KEY REMOVED**
Battery Master Switch.....ON
Landing Light.....ON
Strobe Light.....ON
Navigation Lights.....ON
Stall Warner.....**CHECK**
 Walk Around Aircraft and Check All of Above
Trim.....**NEUTRAL**
Flaps.....**DOWN**
All Switches.....**OFF**
Fire Extinguisher.....**ON BOARD**
First Aid Kit.....**ON BOARD**

External – Left Wing

Fuel Contents.....**CHECK & NOTE**
Fuel Drain –Sediment & Water.....**CHECK**
Fuel Cap.....**CHECK SECURITY**
Pitot / Static Ports.....**CHECK**
Wing Leading Edge.....**CHECK CONDITION**
Wing Surfaces.....**CHECK CONDITION**
Aileron Movement & Hinges.....**CHECK**
Fuel Vent.....**CHECK UNOBSTRUCTED**
Flap & Hinges.....**CHECK CONDITION**

Left Main Landing Gear

Tyre.....**CHECK INFLATION**
Tyre.....**CHECK FOR CREEP & WEAR**
Landing Gear Strut.....**CHECK CONDITION**

Empennage & Tail Section

Skin Surfaces.....**CHECK CONDITION**
Radio Antennae.....**CHECK CONDITION**
Horizontal Tail Movement.....**FULL/FREE**
Horizontal Tail Hinges.....**CHECK**
Vertical Tail.....**VISUAL INSPECTION**
Battery Compartment Door.....**CHECK**

Right Wing & Landing Gear

AS FOR LEFT SIDE

Front Fuselage & Engine

Fuel Drain –Sediment & Water.....**CHECK**
Canopy / Windows.....**CLEAN**
Open Right Engine Panel.....**INSPECT**
Oil Level.....**BETWEEN MIN & MAX**
 BURP OIL IF NECESSARY
Right Engine Panel.....**CLOSE & SECURE**
Spinner – Screws.....**CHECK SECURE**
Propeller.....**CHECK CONDITION**
Air Intake System.....**OBSTRUCTION FREE**
Open Left Engine Panel.....**INSPECT**
Coolant Level.....**CHECK**
Radiator.....**CHECK UNOBSTRUCTED**
All Parts.....**SECURE**
Left Engine Panel.....**CLOSE & SECURE**

Nose Gear & Strut

Tyre.....**CHECK INFLATION**
Tyre.....**CHECK FOR CREEP & WEAR**
Strut & Fairing.....**CHECK CONDITION**

Before Start

Parking Break.....**SET**
Canopy.....**CLOSED & LATCHED (x 3)**
Seat Adjusters.....**LOCKED**
Harnesses.....**SECURE**
Cabin Air Vents.....**CLOSED**
Flying Controls.....**FULL, FREE & CORRECT**
Instruments & Gauges.....**CHECK CONDITION**
Fuses & Circuit Breakers.....**ALL MADE**
All Electrics & Radios.....**OFF**
Carburettor Heat.....**CHECK & SET OFF**

Engine Start

Battery Master Switch.....**ON**
Fuel Selector.....**LOWEST TANK**
Fuel Pump.....**ON, CHECK PRESSURE**
Fuel Pump.....**TURN OFF**
Choke.....**AS REQUIRED**
(1ST FLIGHT- CHOKE OPEN-THROTTLE CLOSED)

Throttle.....**¼ inch OPEN**
Prop Area.....**CHECK & CALL**
‘CLEAR PROP’

Magnetos.....**START ENGINE**
Magnetos.....**ON BOTH**
Throttle.....**1,000 RPM**
Choke.....**OFF**

After Start

OIL PRESSURE RISING
WITHIN 10 SECS OR ENGINE OFF

Generator Warning Light.....**OFF**
Suction.....**3 to 5 INCHES**
Navigation Lights.....**AS REQUIRED**
Radios / Intercom.....**ON, VOLUME SET**
Artificial Horizon.....**ALIGNED**
Direction Indicator.....**COMPASS ALIGNED**
Transponder.....**STANDBY**
Flaps.....**UP**
ATIS.....**TUNE & NOTE INFORMATION**
Altimeter.....**SET QNH (QFE for Circuits)**
ATC.....**REQUEST TAXI**

Taxying Checks

Lookout.....**CLEAR ALL ROUND**
Brakes.....**CHECK OPERATION**
Rudder.....**FULL MOVEMENT**
Instruments.....**RUNWAY CHECKS**

Power Checks

Aircraft.....**PARKED INTO WIND**
Parking Brake.....**ON**
Throttle.....**1,000 RPM**
Flying Controls.....**BACK CENTRAL**
Fuel.....**CHANGE TANK**
Temps. & Pressures.....**NORMAL**

LOOKOUT ALL AROUND & BEHIND

Throttle.....**1,560 RPM**
Carb. Heat.....**ON, CHECK STEADY DROP**
Carb. Heat.....**OFF, CHECK RPM RESTORED**
Magnetos.....**CHECK LEFT, THEN RIGHT**

MAX DROP 130 RPM
MAX DIFFERENCE 50 RPM

Magnetos.....**ON BOTH**
Temps. & Pressures.....**NORMAL**
Alternator.....**CHARGING**
Suction.....**IN THE GREEN**
Throttle.....**CLOSE SLOWLY**
Oil Pressure & Smooth Idle.....**CHECK**
Throttle.....**SET 1,000 RPM**

Pre Take-Off Checks

Fuel.....**FULLEST TANK**

USE LEFT TANK IF BOTH TANKS FULL

Fuel Pump.....**ON**
Engine Gauges.....**WITHIN LIMITS**
Instruments.....**CHECK / ALIGN**
Flaps.....**AS REQUIRED**
Carburettor Heat.....**OFF**
Seat Adjusters.....**LOCKED**
Trim Tab.....**SET NEUTRAL**
Flying Controls.....**FULL, FREE & CORRECT**

Cruise / Fredda Checks

Fuel Pump.....**OFF**
Fuel Pressure.....**CHECK**
Carburettor Heat.....**CHECK**
Direction Indicator.....**COMPASS ALIGNED**

F=Fuel.....**FULLEST TANK**
R=Radio.....**NEXT STATION ON STBY**
E=Engine.....**Ts & Ps in GREEN**
D=Direction Indicator.....**COMPASS ALIGNED**
A=Altimeter.....**QNH SET**

Before Landing Checks

Brakes.....**OFF**
Fuel.....**FULLEST TANK**
Fuel Pump.....**ON**
Harnesses.....**SECURE**
Landing Light.....**ON**
Reduce Speed to Vfe (67kts) before Flap Deployment

After Landing

Carburettor Heat.....**OFF / COLD**
Fuel Pump.....**OFF**
Landing Light.....**OFF**
Flaps.....**RETRACT**
Transponder.....**STANDBY**
Unnecessary Radio Equipment.....**OFF**

Shutdown

Parking Brake.....**SET**
Throttle.....**SET 1,200 RPM for 1 min**
Radios / Avionics.....**OFF**
Transponder.....**OFF**
Magnetos...**CHECK LEFT & RIGHT** (for dead magneto)
Throttle.....**CLOSED**
Magnetos.....**OFF / KEYS REMOVED**
Strobe Light.....**OFF**
Battery Master Switch.....**OFF**
Tachometer Reading.....**NOTE**

ARRANGE COCKPIT FOR NEXT USER