

1 IRIS Texan II Abbreviated Checklist 1NOV23

BEFORE ENGINE START

Fuel & Weight	Set as required
CFS Handle Safety Pin	REMOVE AND STOW
Strap In	COMPLETE
BAT Switch	ON
Regulator Anti-Suffocation Valve	Check
External Power	AS REQUIRED
Seat Height	ADJUST
Rudder Pedals	ADJUST
Flight Controls	CHECK
Fire Detection System	TEST (FIRE 1 & 2)
Lamp Test Switch	CHECK
Flaps	UP
Exterior Lights	OFF
TRIM DISCONNECT Switch	NORM
Interior Lights	AS REQUIRED
TRIM AID Switch	OFF
Trim Operation	CHECK
EMER LDG GR Handle	CHECK STOWED
Clock	SET
UFCP Lower Panel Switches	SET
Audio Panel	AS REQUIRED
DEFOG Switch	OFF
ELT Switch	ARM
PARKING BRAKE	RESET
Chocks	REMOVED
GEN Switch	OFF
FUEL BAL Switch	AUTO
MANUAL FUEL BAL Switch	OFF
AVIONICS MASTER Switch	OFF
BUS TIE Switch	NORM
PROBES ANTI-ICE Switch	CHECK, OFF
BOOST PUMP Switch	CHECK, ARM
PMU Switch	NORM
EVAP BLWR Control	AS REQUIRED
AIR COND Switch	OFF
BLEED AIR INFLOW Switch	OFF
PRESSURIZATION Switch	NORM
RAM AIR FLOW Switch	AS REQUIRED
TEMP CONTROL Switch	AUTO

ENGINE START (AUTO)

Canopy	CLOSED & LATCHED
Navigation & Anti-Collision Lights	AS REQUIRED
PMU FAIL/PMU STATUS Messages	EXTINGUISHED
PCL	ADVANCE TO START POSITION
Propeller Area	CLEAR
STARTER Switch	AUTO/RESET
Engine Start	MONITOR
PCL	ADVANCE TO IDLE ABOVE 60% N1
External Power	DISCONNECT

BEFORE TAXI

GEN Switch	ON
AUX BAT Switch	ON
BLEED AIR INFLOW Switch	NORM
EVAP BLWR Control	AS REQUIRED
AIR COND Switch	AS REQUIRED
AVIONICS MASTER Switch	ON
OBOGS	CHECK
Anti-G Test	CHECK
System Test Panel	CHECK
Speed Brake	CHECK
Flaps	CHECK
TRIM AID Switch	ON (Verify TAD OFF Extinguished)
Nose Wheel Steering	ON
Parking Brake	Release
Brakes	CHECK
TCAS	ON/TEST
UFCP & MFD	CHECK AND SET
Flight Instruments	CHECK (BOTH)
Altimeters	SET AND CHECK
EICAS Display	CHECK
Landing/Taxi Lights	AS REQUIRED

AVIONICS SETUP (UFCP/MFD)

Database, Location & Alignment	CHECK
UHF	AS REQUIRED
VHF	AS REQUIRED
VOR	AS REQUIRED
TCN	AS REQUIRED
Transponder	SET
Altitude, G, Speed, Fuel Flags	AS REQUIRED

TAXI

Transponder	AS REQUIRED
Heading, Turn, Slip Indicators	CHECK

SIMULATION USE ONLY

OVERSPEED GOVERNOR CHECK	
Brakes	HOLD AS REQUIRED
PCL	IDLE
PMU Switch	OFF, Verify IDLE N1 60% or above
PCL	ADVANCE TO 100% Np AND STABILIZE
PCL	ADVANCE SLIGHTLY and verify 100% Np
PCL	IDLE, Verify IDLE N1 60% or above
PMU Switch	NORM, Verify PMU FAIL Extinguished
BEFORE TAKE-OFF	
Minimum Power at 60 KIAS	COMPUTE
Speed Brake	RETRACTED
Flaps	T/O
Trim	SET FOR TAKE-OFF
Fuel Quantity & Balance	CHECK
Engine Instruments	CHECK
DVR Control	AS REQUIRED
Amps	VERIFY +50 AMPS OR LESS
DEFOG Switch	OFF
Oxygen Mask	ON AND SECURE
Seat Safety Pin	Removed and Stowed
ISS Mode Selector	AS REQUIRED
LINEUP CHECK	
Exterior Lights	ON
Transponder	AS REQUIRED
PROBES ANTI-ICE Switch	ON
Nose Wheel Steering	OFF
EICAS Display	CHECK
AFTER TAKE-OFF	
Gear	AS REQUIRED
Flaps	UP
CLIMB (Passing 10,000 feet)	
OBOGS	CHECK
DEFOG Switch	AS REQUIRED
Vent Control Lever	AS REQUIRED
Pressurization System	CHECK
OPERATIONS CHECK (HEFOEP)	
Hydraulic Pressure	CHECK
Electrical Systems	CHECK
Fuel Quantity & Balance	CHECK
OBOGS	CHECK
Engine Instruments	CHECK
Pressurization	CHECK

SIMULATION USE ONLY

PRE-STALL, SPIN & AEROBATICS CHECKS (LEF)	
Loose Items	STOWED
Engine Instruments	CHECK
Fuel Balance	CHECK LESS THAN 50 POUNDS
DESCENT	
PFD	CHECK
Altimeters	SET
MASTER ARM Switch	AS REQUIRED
DEFOG Switch	AS REQUIRED
Vent Control Lever	AS REQUIRED
BEFORE LANDING	
DEFOG Switch	OFF
Engine Instruments	CHECK
Gear	DOWN
Brakes	CHECK, AS REQUIRED
Flaps	AS REQUIRED
Speed Brake	RETRACTED
FINAL	
Runway	Clear / Go-around if occupied
Clearance	As Required
AFTER LANDING	
ISS Mode Selector	SOLO or CMD FWD
Seat Safety Pin	INSTALL
PROBES ANTI-ICE Switch	OFF
Flaps	UP
Trim Interrupt Button	DEPRESS
Trim	SET FOR TAKE-OFF
Transponder	AS REQUIRED
TCAS	STBY
BLEED AIR INFLOW Switch	OFF
ENGINE SHUTDOWN	
PARKING BRAKE	SET
Landing and Taxi Lights	OFF
Transponder	AS REQUIRED
AVIONICS MASTER Switch	OFF
RAM AIR FLOW Switch	OFF
AIR COND Switch	OFF
EVAP BLWR Control	OFF
OBOGS	OFF
PCL	IDLE >60 SECONDS, THEN OFF
Interior/Exterior Lights	OFF
PMU STATUS Message	Extinguished
FDR Light	Extinguished
GEN, BAT, and AUX BAT Switches	OFF

AIRSPEED NORMAL OPS

VR Rotate	80 KIAS	V Approach (Flaps LDG)	120 KIAS
VX Best Climb	140 KIAS	Glide	130 KIAS
VY Best Rate	180 KIAS	Threshold (Flaps LDG)	100 KIAS

COLOUR LEGEND**GROUND PROCEDURE****AIRBORNE PROCEDURE**ITEMS REQUIRING 'CHECK
REAR'