

Cessna 182 S

Microsoft Flightsimulator 2002

Aircraft : Default Cessna 182RG / 182S

Panel : Default Cessna 182RG / 182S



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Other simulator checklists and other sim/real aviation items available for download at <http://www.faatest.com> and <http://www.faatest.com/downloads/simchecklists/simchecklists.html>

Pre-Start Checklist

Parking Brakes	SET
Throttle	CLOSED
Magneto/Starter Switch	OFF
Battery & Alternator Master Switches	OFF
Avionics	OFF
Fuel Pump Switch	OFF
Propeller	HIGH RPM
Mixture/Fuel Flow	CUTOFF
Battery Switch	ON
Cowl Flaps	OPEN
Flight controls	CHECK
Flaps	UP
Elevator Trim	SET for takeoff
Fuel Quantity	CHECK
Fuel Selector	BOTH
Avionics Master Switch	ON
Check Weather	(Atis, Flight Services)
Request Clearance	
Transponder	STANDBY
Beacon/Strobe Light	ON

Startup Checklist

Throttle	OPEN 1/4 INCH
Propeller	HIGH RPM
Mixture	RICH
Engine and Propeller Area	CLEAR
Fuel Pump Switch	ON
Magneto/Starter Switch	START
Throttle	IDLE
Alternator Switch	ON
Oil Pressure, Ammeter	CHECK
Engine Instruments	CHECK
Fuel Pump Switch	OFF
Annunciator Lights	CHECK



Taxi To Ramp

Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Throttle	AS REQUIRED
Cowl Flaps	OPEN
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Fuel Pump	OFF
Avionics Master Switch	OFF
Taxi Lights	OFF
Nav Lights	OFF
Pitot Heat	OFF
Cowl Flaps	OPEN
Mixture/Fuel Flow	CUTOFF
Fuel Selector Valve	OFF
Magneto/Starter Switch	OFF
Beacon/Strobe Light	OFF
Battery & Alternator Master Switches	OFF

Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator/Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF

Request Taxi Clearance

Taxi Checklist

Parking Brake	RELEASE
Brakes	CHECK during taxi
Taxi to assigned runway	SPEED Max. 20 knots
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns

Before Take-off Checklist

Parking Brake	SET
Fuel Quantity	CHECK
Fuel Selector Valve	BOTH
Cowl Flaps	CHECK OPEN
Throttle	IDLE
Propeller	HIGH RPM
Mixture	RICH
Alternator Switch	VERIFY ON
Throttle	1800 RPM
Magnetos	CHECK <150 RPM drop on each, <50 RPM drop between
Ammeter	CHECK Positive charge ind.
Throttle	IDLE
Oil Temperature	CHECK
Elevator Trim	SET for takeoff
Flaps	SET 0-10 degrees
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET

Landing Lights	ON
Taxi Lights	OFF
Pitot Heat	ON
Transponder	ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 =	55 KIAS (descision)
Vr =	65 KIAS (rotate)
Pitch	10-15 degrees
At Positive Climb Rate	Touch Brakes
Trim for climb to maintain	80 KIAS
At 500' AGL	RETRACT Flaps if set
Engine Instruments	CHECK

Climb-out Checklist

Mixture	RICH	
Autopilot	CHECK and SET	
Landing Lights	OFF	
Cowl Flaps	AS REQUIRED	
Airspeed	80 KIAS	24"
Climb Rate	600-700 fpm	
ATC	AS REQUIRED	

Cruise Checklist

Accelerate to cruise speed	130-140 KIAS	24"
Engine+Instruments	CHECK	
Cowl Flaps	AS REQUIRED	
Engine Temperatures	STABILIZE at cruise cond.	
Fuel Quantity	CHECK	
Radios	TUNED and SET	
Autopilot	CHECK and SET	
Lights	as required	
Engine Instruments	CHECK	

Descent Checklist

Atis/Airport Information	CHECK	
Fuel Selector	BOTH	
Altimeter	CHECK	
Radios	SET	
Descent Speed	110-120 KIAS	15"
Descent Rate	-700 fpm	
Flaps	CHECK UP	
Cowl Flaps	CLOSED	

Approach Checklist

Localizer Level Flight :

Fuel Pump	ON	
Speed: Establish	90-100 KIAS	19"
Landing Lights	ON	
Flaps	10 degrees	
Speed: Establish	85-90 KIAS	20"
Flaps	20 degrees	23"
Turning toward runway: set flaps	FULL DOWN	

Final Glideslope Descent :

Propeller	HIGH RPM	
Mixture	RICH (on final)	
Speed: Establish	85 KIAS	20"
Descent Rate	-500 fpm	
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	

Landing Checklist

Autopilot	OFF
Landing Speed	80 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Brakes	MINIMUM REQUIRED