

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)
<i>Request Clearance</i>	
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
	CHECK Positive charge ind.
	IDLE
	CHECK
	SET for takeoff
	SET 0-10 degrees
	FREE AND CORRECT
	SET
Ammeter	
Throttle	
Oil Temperature	
Elevator Trim	
Flaps	
Flight Controls	
Radios and Avionics	

Landing Lights
Taxi Lights
Pitot Heat
Transponder
Request Takeoff Clearance

ON
OFF
ON
ON

Take-off Checklist

Smoothly increase thrust to
Brakes
V1 =
Vr =
Pitch
At Positive Climb Rate
Trim for climb to maintain
At 500' AGL
Engine Instruments

FULL
RELEASE
55 KIAS (descision)
65 KIAS (rotate)
10-15 degrees
Touch Brakes
80 KIAS
RETRACT Flaps if set
CHECK

Climb-out Checklist

Mixture
Autopilot
Landing Lights
Cowl Flaps
Airspeed
Climb Rate
ATC

RICH
CHECK and SET
OFF
AS REQUIRED
80 KIAS 24"
600-700 fpm
AS REQUIRED

Cruise Checklist

Accelerate to cruise speed
Engine+Instruments
Cowl Flaps
Engine Temperatures
Fuel Quantity
Radios
Autopilot
Lights
Engine Instruments

130-140 KIAS 24"
CHECK
AS REQUIRED
STABILIZE at cruise cond.
CHECK
TUNED and SET
CHECK and SET
as required
CHECK

Descent Checklist

Atis/Airport Information
Fuel Selector
Altimeter
Radios
Descent Speed
Descent Rate
Flaps
Cowl Flaps

CHECK
BOTH
CHECK
SET
110-120 KIAS 15"
-700 fpm
CHECK UP
CLOSED

Approach Checklist

Localizer Level Flight :

Fuel Pump
Speed: Establish
Landing Lights
Flaps
Speed: Establish
Flaps
Turning toward runway: set flaps

ON
90-100 KIAS 19"
ON
10 degrees
85-90 KIAS 20"
20 degrees 23"
FULL DOWN

Final Glideslope Descent :

Propeller
Mixture
Speed: Establish
Descent Rate
Elevator Trim
Parking Brake

HIGH RPM
RICH (on final)
85 KIAS 20"
-500 fpm
AS DESIRED
VERIFY OFF

Landing Checklist

Autopilot
Landing Speed
Touchdown
Landing Roll
Brakes

OFF
80 KIAS
MAIN WHEELS FIRST
LOWER NOSE WHEEL
MINIMUM REQUIRED