



# Cessna 182RG

# Cessna 182S

Microsoft Flightsimulator 2002

Aircraft : Default Cessna 182RG / 182S

Panel : Default Cessna 182RG / 182S



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## Cessna 182RG, for C-182S blue values in (...)

### Pre-Start Checklist

Parking Brakes	SET
Throttle	CLOSED
Magneto/Starter Switch	OFF
Master Switch + Alt/Batt	OFF
Avionics	OFF
Fuel Pump Switch	OFF
Propeller	HIGH RPM
Mixture/Fuel Flow	CUTOFF
Master Switch	ON
Cowl Flaps	OPEN
Flight controls	CHECK
Flaps	UP
Fuel Quantity	CHECK
Fuel Selector	BOTH
Landig Gear Lever	DOWN, GREEN 0
Avionics Master Switch	ON
Check Weather	(Atis, Flight Services)
<b>Request Clearance</b>	
Transponder	SET
Beacon/Strobe Light	ON

### Startup Checklist

Primer	AS REQUIRED 0
Throttle	OPEN 1/4 INCH
Propeller	HIGH RPM
Mixture	RICH
Engine and Propeller Area	CLEAR
Alt/Batt	ON
Fuel Pump Switch	ON
Carburetor Heat	ON 0
Magneto/Starter Switch	START
Throttle	IDLE
Oil Pressure, Ammeter	CHECK
Engine Instruments	CHECK
Nav Lights	ON



## Landing Checklist

Landing Gear	CHECK DOWN, GREEN
Autopilot	OFF
Landing Speed	80 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
Brakes	MINIMUM REQUIRED

## 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

## Shutdown and Securing Aircraft Checklist

Parking Brake	SET	
Throttle	IDLE	
Carburetor Heat	OFF	0
Avionics Switch	OFF	
Taxi Lights	OFF	
Nav Lights	OFF	
Pitot Heat	OFF	0
Mixture/Fuel Flow	CUTOFF	
Fuel Selector Valve	OFF	
Magneto/Starter Switch	OFF	
Beacon/Strobe Light	OFF	
Master Switch + Alt/Batt	OFF	
Fuel Pump	OFF	
Cowl Flaps	CLOSE	

## Before Taxi Checklist

Taxi Lights	ON
Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
Cowl Flaps	FULL OPEN
<i>Request Taxi Clearance</i>	

## Taxi Checklist

Throttle	MIN. POWER
Propeller	HIGH RPM
Mixture	RICH
Parking Brake	RELEASE
Brakes	CHECK during taxi
Directional Gyro	PROPER IND. during turns
Turn Coordinator	PROPER IND. during turns
Artificial Horizon	ERECT during turns
Taxi to assigned runway	SPEED Max. 20 knots

## Before Take-off Checklist

Pitot Heat	ON	0
Landing Lights	ON	
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	1700 RPM	(1800)
Magnetos	CHECK	
	<175 RPM drop on each,	(150)
	<50 RPM drop between	
	CHECK Positive charge ind.	
Ammeter		

Throttle	IDLE
Oil Temperature	CHECK
Elevator Trim	SET for takeoff
Flaps	SET 0-10 degrees
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET

***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
Landing Gear	RETRACT 0
Trim for climb to maintain	80 KIAS
At 500' AGL	RETRACT Flaps if set
Engine Instruments	CHECK

### Climb-out Checklist

Throttle	FULL
Mixture	RICH
Autopilot	CHECK and SET
Taxi Lights	OFF
Landing Lights	OFF
Carburator Heat	OFF 0
Cowl Flaps	AS REQUIRED
Airspeed	90-100 KIAS 24"
<b>ATC</b>	<b>AS REQUIRED</b>

### 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"
Flaps	CHECK UP
Landing Gear	CHECK UP 0
Cowl Flaps	CLOSED

### Approach Checklist

#### ***Localizer Level Flight :***

Carburator Heat	ON
Speed: Establish	90-100 KIAS 18"
Landing Lights	ON
Flaps	10 degrees
Speed: Establish	85-90 KIAS 20"
Flaps	20 degrees
Landing Gear	DOWN 0 23"

#### ***Final Glideslope Descent :***

Turning toward runway: set flaps	FULL DOWN	21"
Propeller	HIGH RPM (on final)	
Mixture	RICH (on final)	
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	