



Cessna 185

Microsoft Flightsimulator 2002

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Cessna 185 wheel version

Pre-Start Checklist

Parking Brakes	SET
Throttle	CLOSED
Magneto/Starter Switch	OFF
Battery & Alternator Master Switches	OFF
Avionics	OFF
Fuel Pump Switch	OFF
Mixture/Fuel Flow	CUTOFF
Battery Switch	ON
Flight controls	CHECK
Flaps	UP
Fuel Quantity	CHECK
Fuel Selector	BOTH
Avionics Switch	ON
Check Weather	(Atis, Flight Services)
<i>Request Clearance</i>	
Transponder	SET
Beacon/Strobe Light	ON

Startup Checklist

Throttle	OPEN 1/2 INCH
Mixture	RICH
Engine and Propeller Area	CLEAR
Fuel Pump Switch	ON
Magneto/Starter Switch	START
Throttle	IDLE
Alternator Switch	ON
Oil Pressure, Temperature	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
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED
Transponder	1200

Shutdown and Securing Aircraft Checklist

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

Before Taxi Checklist

Nav Lights	ON
Taxi Lights	ON
Heading Indicator / Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
<i>Request Taxi Clearance</i>	

Taxi Checklist

Throttle	MIN. POWER
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

Parking Brake	SET
Pitot Heat	ON
Landing Lights	ON
Fuel Quantity	CHECK
Fuel Selector Valve	BOTH
Throttle	IDLE
Mixture	RICH
Throttle	1700 RPM
Magnetos	CHECK
<175 RPM drop on each, <50 RPM drop between	
Throttle	IDLE
Oil Temperature	CHECK
Elevator Trim	SET for takeoff
Flaps	SET 0-10 degrees
Flight Controls	FREE AND CORRECT
Radios and Avionics	SET
<i>Request Takeoff Clearance</i>	

Take-off Checklist

Smoothly increase thrust to	FULL	
Brakes	RELEASE	
At 40 KIAS	apply forward yoke until tail lifts to horizontal	
V1 =	50 KIAS (descision)	
Vr =	60 KIAS (rotate)	
Pitch	10-15 degrees	
At Positive Climb Rate	Touch Brakes	
Trim for climb to maintain	75 KIAS	16"
At 500' AGL	RETRACT Flaps if set	
Engine Instruments	CHECK	

Climb-out Checklist

Throttle	2400 RPM	
Mixture	RICH	
Taxi Lights	OFF	
Landing Lights	OFF	
Airspeed	80-90 KIAS	18"
Climb Rate	700 fpm	
ATC	AS REQUIRED	

Cruise Checklist

Accelerate to cruise speed	120 KIAS	18"
	Vmax 145 KIAS	
Service Ceiling	17'000 ft	
Engine+Instruments	CHECK	
Engine Temperatures	STABILIZE at cruise cond.	
Fuel Quantity	CHECK	
Radios	TUNED and SET	
Lights	as required	
Engine Instruments	CHECK	

Descent Checklist

Atis/Airport Information	CHECK	
Fuel Selector	BOTH	
Altimeter	CHECK	
Radios	SET	
Descent Speed	100 KIAS	12"
Descent Rate	-700 fpm	
Flaps	CHECK UP	

Approach Checklist

Localizer Level Flight :

Fuel Pump	ON	
Speed: Establish	90 KIAS	14"
Landing Lights	ON	
Flaps	10 degrees	
Speed: Establish	80 KIAS	15"
Flaps	20 degrees	18"
Turning toward runway: set flaps	FULL DOWN	

Final Glideslope Descent :

Mixture	RICH (on final)	
Speed: Establish	70 KIAS	17"
Descent Rate	-300 fpm	
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	

Landing Checklist

Landing Speed	65 KIAS	
Touchdown	MAIN WHEELS FIRST	
Landing Roll	LOWER TAIL WHEEL	
Brakes	MINIMUM REQUIRED	