



Canadair CT-114 Tutor

Microsoft Flight Simulator 2004

Aircraft and Panel by VCDG (Virtual Canadian Design Group) :
 Donald "Zoren" Radke, Ken Goodale, Tony Goodale, Herbert Praille,
 textured by Shane Strong (Maple Leaf Imaging)



Foto: Canadair



Werner Schott
 Switzerland
 w.schott@abbts.ch



Foto: Jason Pineau

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 Brake	SET
Throttle	IDLE
Fuel Flow	CUTOFF (STARTER Switch "STOP")
Avionics (Inverter INV1/INV2)	OFF
BATT Master Switch	ON
Panel Light	ON if required
Gear Lever	CHECK DOWN
Flaps	UP
Spoiler	RETRACTED
Fuel Quantity	CHECK
Pitot Heat / Anti-Ice / Aircraft Lighting	OFF
Flight controls	FREE AND CORRECT
Elevator Trim	SET for takeoff (+2)
Avionics	ON
Check Weather	(Atis, Flight Services)
Anti-Ice	TEST/CHECK
Request Clearance	
Transponder	STANDBY
Beacon / Strobe	ON

Startup Checklist

Thrust Levers	IDLE
Engine Area	CLEAR
Auto Engine Start Procedure:	
Start Switch	START
At N2 > 20% Fuel Flow	CHECK ON
N1 increasing as N2 incr.	CHECK
Oil Pressure	CHECK
Generator Switch	CHECK ON
Engine Instruments	CHECK NORMAL
Anti-Ice	AS REQUIRED



Taxi To Ramp

Strobe Light	OFF
Flaps	UP
Spoilers	RETRACTED
Taxi Lights	ON
Landing Lights	OFF
Speed	Max. 20 knots
Transponder	OFF
Elevator Trim	SET for takeoff (+2)
Lights	AS DESIRED

Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Pitot Heat / Anti-Ice	OFF
Taxi Lights	OFF
Nav Lights	OFF
Avionics (Inverter INV1/INV2)	OFF
Fuel Flow	CUTOFF (STARTER Switch "STOP")
Generator Switch	OFF
Beacon	OFF
Panel Light	OFF
BATT Master Switch	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/Altimeters	SET
Radios and Avionics	SET FOR DEPARTURE
Autopilot	SET, ARM, don't activate
Autothrottle	SET, ARM, don't activate
Yaw Damper	ON AS REQUIRED
Elevator Trim	SET for takeoff

Request Taxi Clearance

Taxi Checklist

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

Before Take-off Checklist

Parking Brakes	SET
Throttle	IDLE
Flaps	20 deg
Spoilers	RETRACTED
Flight Instruments	CHECKED
Engine Instruments	CHECK
Takeoff Data (V1, VR, V2)	CHECK
Nav Equipment	CHECK
Landing Lights	ON
Taxi Lights	OFF
Strobe Light	ON
Pitot Heat	ON
Anti-Ice	AS REQUIRED
Transponder	ON

Request Takeoff Clearance

Take-off Checklist

Smoothly increase thrust to	40% N1 let spool up
Takeoff Thrust	FULL
Brakes	RELEASE
V1 =	85 KIAS (decision)
Vr =	100 KIAS (rotate)
Pitch	10 deg. nose up
V2 =	110 KIAS (safety speed)
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
At 120 KIAS	RETRACT flaps up

Climb-out Checklist

Throttle	AS REQUIRED
Trim for	240 KIAS
Autopilot/Autothrottle	CHECK and SET
Below 10000' max. speed	250 KIAS
ATC	AS REQUIRED
Above 10000' speed	270 KIAS
Landing Lights	OFF

Cruise Checklist (above FL 180)

At Transition Altitude (FL180) set Altimeter to	29,92" (1013mb)
Accelerate to cruise speed	FL180 0.60 mach (295 KIAS)
	FL240 0.60 mach (255 KIAS)
	FL280 0.58 mach (230 KIAS)
	FL330 0.52 mach (180 KIAS)
Service Ceiling	42'500 ft
Engine+Instruments	CHECK
Fuel Quantity	CHECK
Radios	TUNED and SET
Autopilot	CHECK and SET
Lights	as required

Descent Checklist

Atis/Airport Information	CHECK
Altimeter	CHECK
Radios	SET
Anti-Ice	AS REQUIRED
Descent Speed	to FL180 0.60 mach
At Transition Altitude (FL180) reset Altimeter to local	to FL120 270 KIAS
	below 10'000ft 240 KIAS
Fuel Quantities and Balance	CHECK
Flaps / Landing Gear	CHECK UP
Check Weather	(ATIS, Flight Services)

Approach Checklist

Localizer Level Flight :

Avionics + Radios	SET
Speed: Establish	200 KIAS
Landing Lights	ON
Speed: Establish	170 KIAS
Flaps	20 deg
Speed: Establish	140 KIAS
Landing Gear	DOWN
Speed: Establish	125 KIAS
Turning toward runway: set flaps	40 deg (FULL DOWN)

Final Glideslope Descent :

Speed Establish	115 KIAS
Parking Brake	VERIFY OFF

Landing Checklist

Landing Gear	CHECK DOWN
Autopilot / Autothrottle	OFF
Landing Speed	105 KIAS
Spoilers	EXTENDED
Brakes	AS REQUIRED