

DOUGLAS C-47 CHECKLIST

Status Panel.....SHIFT+2: Fuel and Weight Mgr

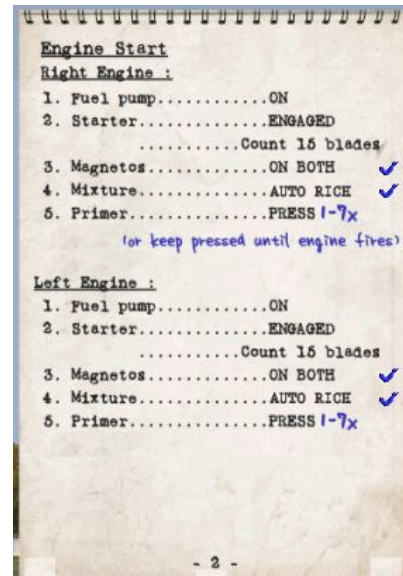
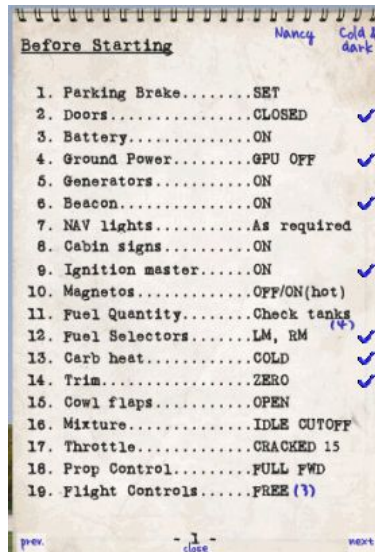
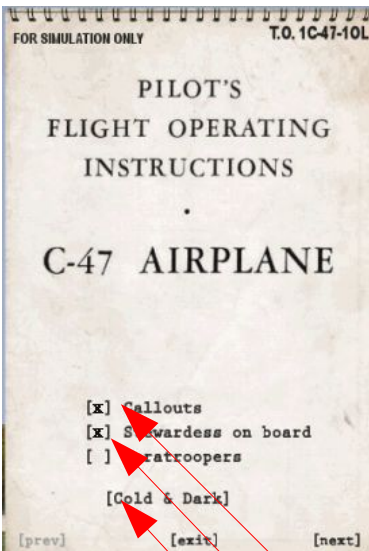
Control Panel.....SHIFT+3: Readouts & controls Monitor

Status [Shift-2]		Control [Shift-3]						
Empty weight:	17860 lbs	batt	ext	amp	radio	nav	land	pnl
Left Main:	1211 lbs	OFF	OFF	0	0.0	OFF	OFF	OFF
Right Main:	1211 lbs							
Left Aux:	1200 lbs							
Right Aux:	1200 lbs							
=SET PUMPS, PB, BATTERY FOR LOADING=								
Total fuel:	4822 lbs	carb	maqs	qen	pump			
Pilot:	170 lbs	#1	OFF	BTH	OFF	OFF		
Co-Pilot:	170 lbs	#2	OFF	BTH	OFF	OFF		
Forward Luqqage:	1050 lbs							
Pax Row 1-2:	1320 lbs							
Pax Row 3-4-5:	1980 lbs							
Pax Row 6-7:	1320 lbs							
Rear Carqo:	450 lbs							
Total payload:	6460 lbs							
Total weight (CG: 24.5%):	29142 lbs							
Max. gross (Land: 25346):	31000 lbs							
Trim (TO: +0.2°):	+0.0°							
13:43:01	X							

Panel.....SHIFT+4: Readouts & controls

Flight	Engines 1 2	Autopilot -OFF	Avionics - ON	Misc	Test
Speed 3--3	Throttle CR 1	Alt 5 10 15 20 0	COM1 128.300	ATC GPS Map Chk Ref Sts Ctrl	FS 10.0.62615
Alt 211--9	Props 98	Hdg N E S W 0	COM2 128.250	Lights Nv La La Bn P C	VC 3.1406
Heading NE-29	Mix AR .080 15° 65	Vspeed -5 +5 +0	COM3 127.800	Doors 01 02 03 04	
Vspeed +00	Cowls 0	Nav <=> Gps	COM4 127.900	Chocks OFF	
Trim +0.0	OAT pt ch pr wi +15	Navlock >	NAV1 113.700	Steps auto	
Gear DN	RPM MAP CHT MEP	Approach	NAV2 117.200	Wipers OFF	
Flaps 0	0 29.7 34 0	Speed 0	ADF :0 110.600	Time 11:43 13:43	
Fuel/Wt 100 29,142	FF OP OT CAT		XPDR 116.800	ETE n/a	
	0 0 15 15		284.0	BTR MO B24	
	100100 Fuel 100100				

Checklist..Shift+5



voix du copilote
voix de l'hotesse

Cliquer ici pour avoir un démarrage moteur conforme à la check list (cold and dark)

Pour installer l'équipage aux commandes, basculer Avionics sur on



BEFORE STARTING CHECKLIST

1- Parking Brake.....SET (Penchez vous sous le bloc des commandes moteurs pour vérifier la position de la commande de frein de parking, doit être tirée vers l'arrière)



2- Doors.....CLOSED



Porte passagers



Porte cargo



Portes 1+2



3- Battery.....ON (GPU to recharge)
Basculer l'inter vers le bas



Les voyants s'allument

4- Ground Power.....GPU Disconnected

5- Generators.....ON



8- Cabin signs.....ON

7- Nav Lights, 6- Beacon.....ON

9- Ignition master.....ON (Pushed in)

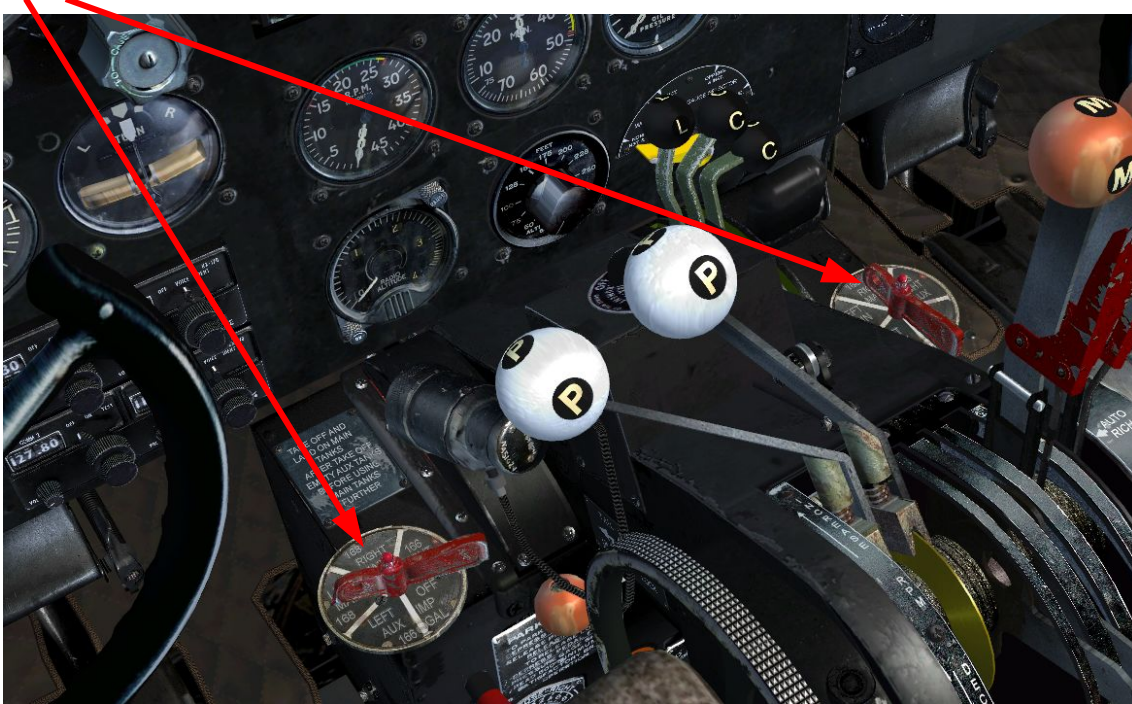
10- Magnetos.....OFF
or ON for hot start (oil temp >40°)

11- Fuel Quantity.....CHECKED all 4 tanks

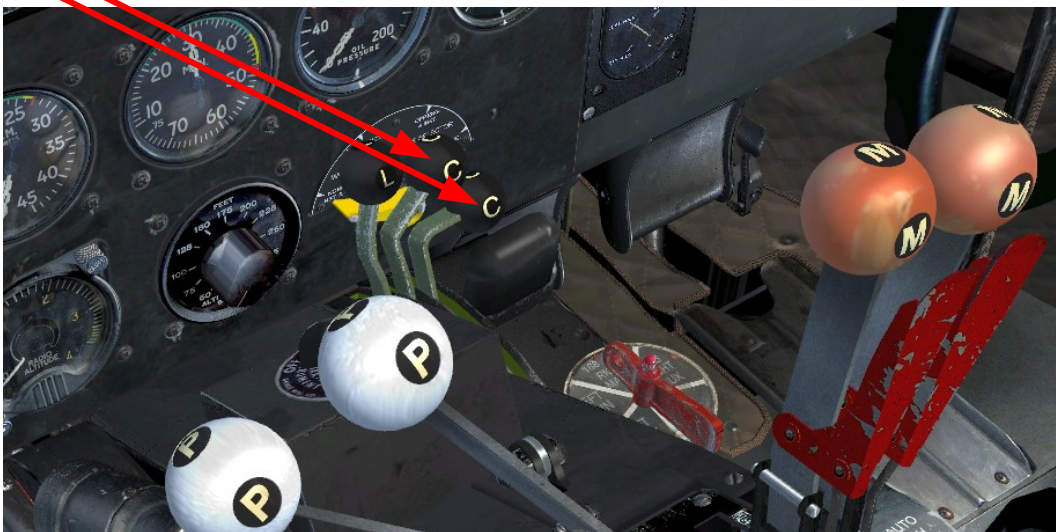
(Tourner le sélecteur de réservoir pour contrôler la quantité de carburant dans chacun des 4 réservoirs)



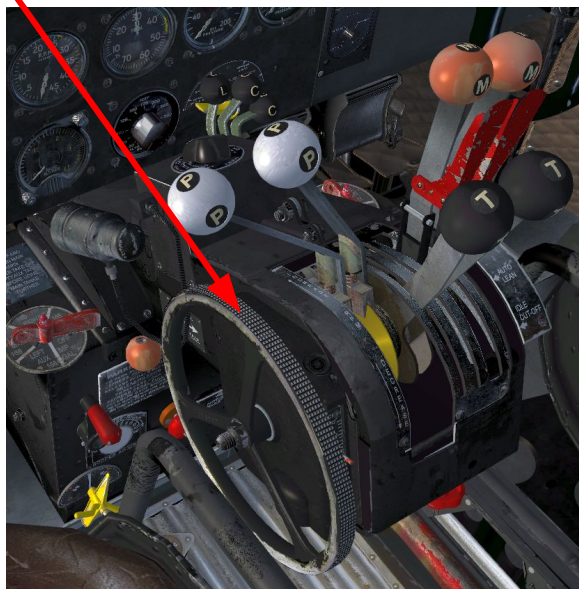
12- Fuel Selectors.....LM, RM (sélection des réservoirs de carburant)



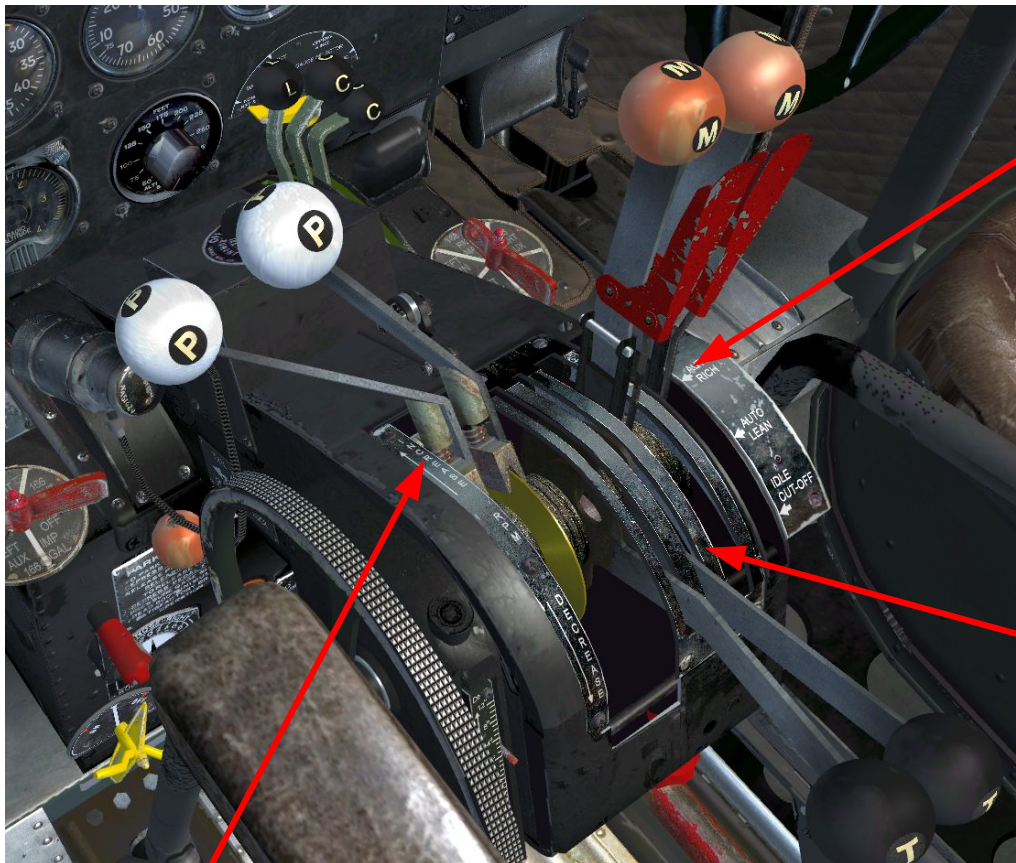
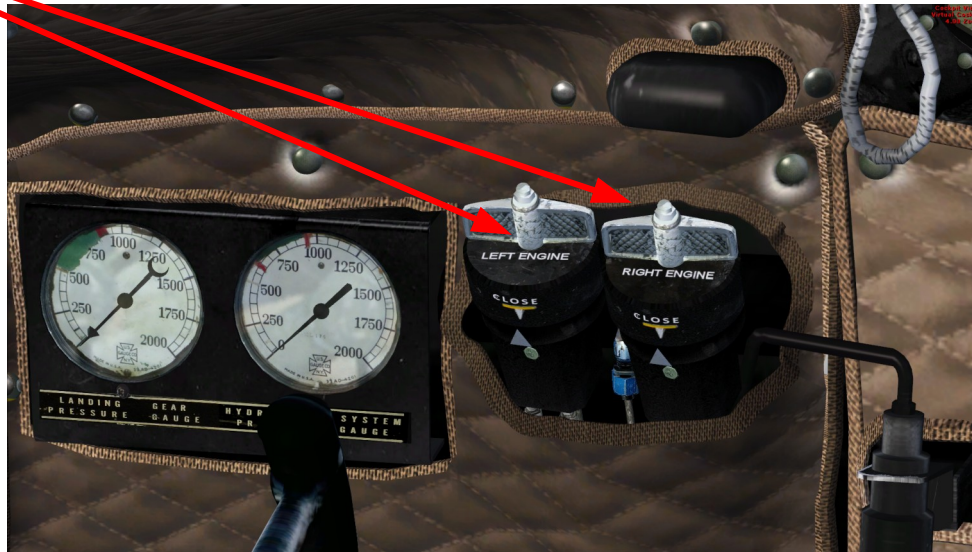
13- Carb heat.....COLD (réchauffe carburateur sur froid, position haute, comme ci-dessous)



14- Trim.....ZERO (compensateur)



15- Cowl Flaps.....OPEN (capots moteurs)



16- Mixture
IDLE CUTOFF

17- Throttle.....Cracked
(10%-15% open)

18- Propeller Control.....High RPM (Full forward)

19- Flight Controls.....FREE

Push Yoke: full forward, then full back, full left and full right.
Rudder: full left and full right.

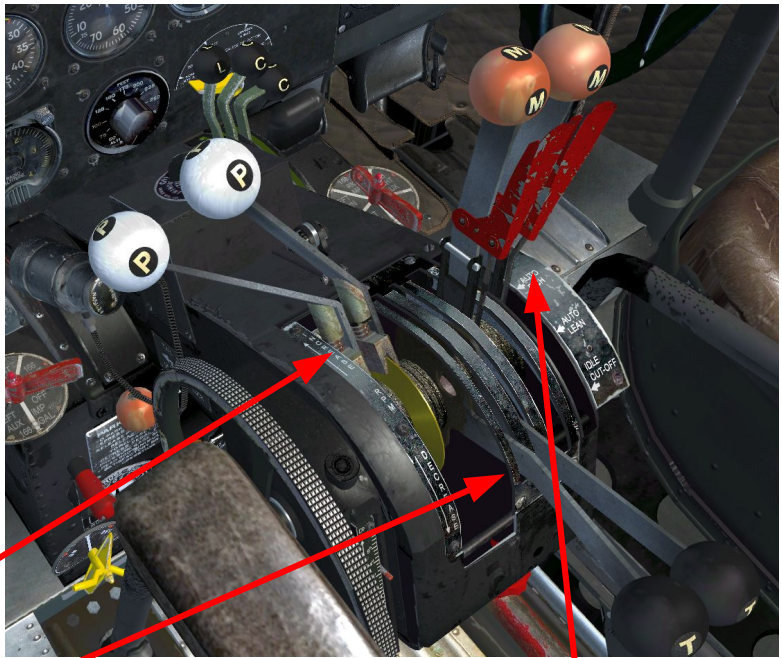
(contrôler toutes les commandes de vol en poussant le manche et le palonnier en butée en avant arrière, droite et gauche).

ENGINE START (COCKPIT)

Démarrage des moteurs-- (Séquence de démarrage standard, moteur de droit, puis gauche) –

RIGHT ENGINE (moteur droit)

1- Fuel PumpON



2- Throttle.....CRACKED 10%-15%

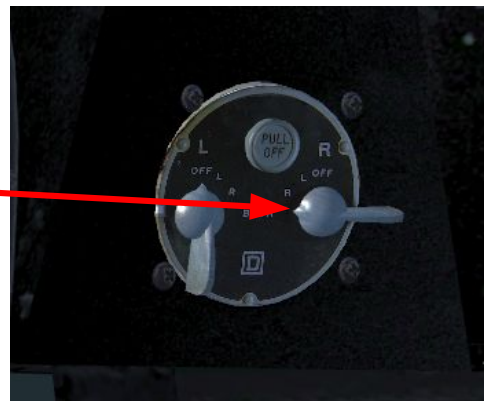
3- Propeller Control (Pitch).....FULL FORWARD (HIGH RPM)

5- Mixture.....AUTO RICH



Starter.....ENGAGE (baisser le commutateur, l'hélice se met à tourner, compter 15 pales)

Magnetos.....BOTH



Primer.....maintenir pendant quelques secondes, le temps que le moteur démarre



(Répéter la procédure pour le moteur gauche)

BEFORE TAXI CHECKLIST

Inverters.....ON

Avionics.....ON

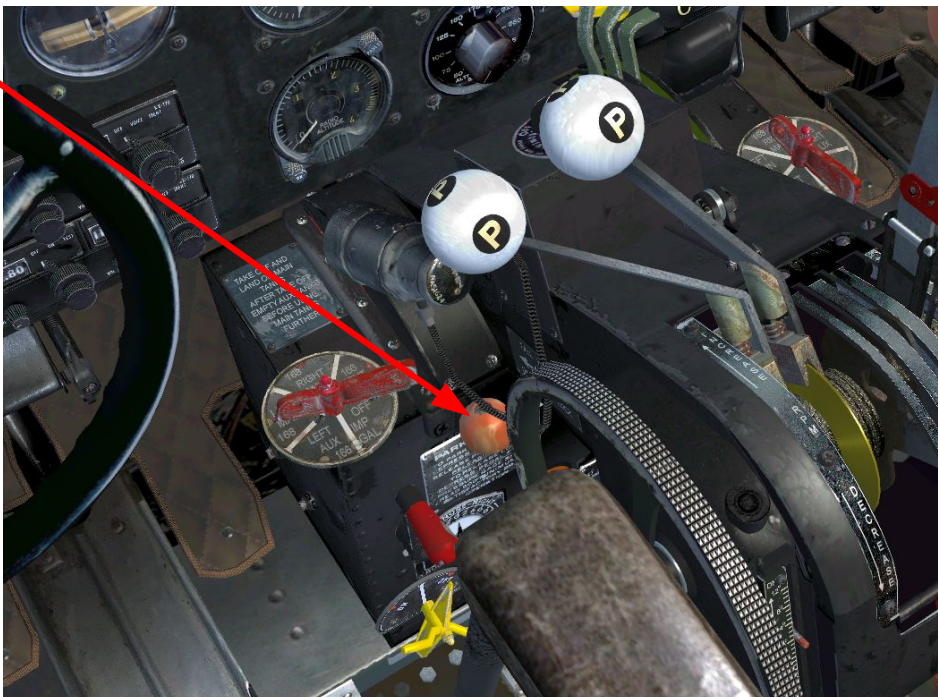


Magnetos.....CHECK both are on BTH

Fuel Pump.....OFF



Tailwheel.....UNLOCKED FOR TAXI



Flaps.....UP



Mixture.....AUTO RICH

Throttle.....800-1000 RPM to Warm up (Oil >50°) then 1000 RPM



TAXIING

Brakes.....Checked
BEFORE TAKEOFF CHECKLIST
Mixture.....AUTO RICH
Propeller Control.....FULL INCREASE
Trim.....SET FOR TAKEOFF (see Control panel)
Flaps.....UP (1/4 FOR SHORT FIELD)
Cowl Flaps.....ON TRAIL
Landing Lights.....ON (CTRL+L)
Pitot Heat.....ON
Fuel Pump.....ON
LINED UP
Tailwheel.....LOCKED (Shift+H)
TAKEOFF (sea level)
Power.....SET
40 knots.....Lift tail
85 knots.....Rotate
100 ft.....Landing Gear RETRACT
300 ft.....Landing Lights OFF (Ctrl+L)
Flaps.....UP
Climb Throttle.....45 MAP
Climb Prop Pitch.....2350 RPM
Climb Airspeed.....120-130 KIAS
Mixture.....AUTO RICH
..... Monitor>Engines>Mix

AFTER TAKEOFF CHECKLIST (Passing 1000 ft AGL)

Gear.....UP
Flaps.....UP
Landing lights.....OFF
Fuel PumpOFF
Climb power.....SET
CRUISE
Throttle.....GREEN MAP
Propeller Control.....GREEN RPM
Mixture.....AUTO LEAN
Cowl Flaps.....near CLOSED (SHIFT+CTRL+C x 4)
BEFORE LANDING CHECKLIST
Rate of Descent.....200 FPM
Mixture.....AUTO RICH
Propeller Control.....2150 RPM
Cowl Flaps.....ON TRAIL
Fuel Pump (Main or Aux).....ON
Landing Lights.....ON (CTRL+L)
Cabin signs.....ON
Flaps 121 KIAS.....1/4
Gear.....DOWN
Tail Wheel.....LOCKED
Airspeed at Threshold.....85
BEFORE RUNWAY EXIT
Tailwheel.....UNLOCKED
AFTER LANDING CHECKLIST
Cowl Flaps.....OPEN
FlapsUP
Landing Lights.....OFF (CTRL+L)

Pitot Heat.....OFF
Fuel Pump (Main or Aux).....OFF
Trim.....ZERO
Tail Wheel.....UNLOCKED
SHUT-DOWN CHECKLIST
Mixture.....IDLE CUTOFF
Magnetos Master.....OFF
Tailwheel.....UNLOCKED
Parking Brakes.....SET
Chocks.....SET
Lights.....OFF
Inverter.....OFF
Avionics.....OFF
Generators.....OFF
Battery.....OFF
NOTE: Checklist modified for use with Flight Simulator.

Douglas C-47 Skytrain Reference Sheet Weight

To adjust weight, use the Shift-2 Status Panel.

Max total weight.....31,000 lbs
Max landing weight.....25,350 lbs
Maximum Speeds
Flaps 1/4.....135 KIAS
Gear Down.....126 KIAS
Flaps 1/2..... 99 KIAS
Flaps 3/4 or Full..... 97 KIAS
Takeoff and Landing
Takeoff rotate..... 85 KIAS
Touchdown 85 KIAS