



# ATR-72

## Microsoft Flightsimulator 2002

Aircraft :

Flight Model by David Durst

Panel :

by David Durst

Gauge Programming : by Marco Ravanello



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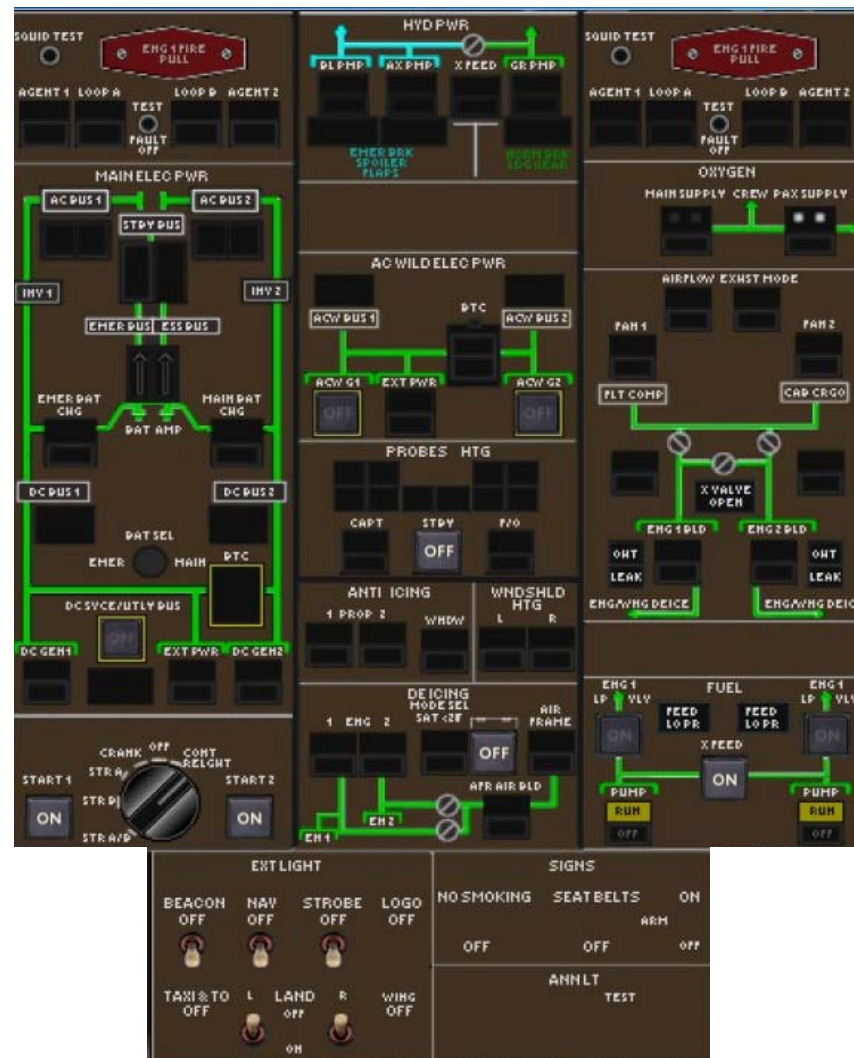


## Pre-Start Checklist

Parking Brakes	SET
Throttle	IDLE
Landing Gear Lever	CHECK DOWN
Overhead Panel	ON
Throttle Quadrant Display	ON
DC Elec. Power	ON
Propeller	HIGH RPM (Ctrl-F4)
Fuel Flow	CUTOFF (Ctrl-Shift-F1)
Flaps	UP
Fuel Quantity	CHECK
Flight controls	CHECK
Check Weather	(ATIS, Flight Services)
De-ice Switch	ON
<b>Request Clearance</b>	
Transponder	SET
Beacon	ON

## Startup Checklist

Engine and Propeller Area	CLEAR
Throttle	IDLE
Fuel Flow	ON (Ctrl-Shift-F4)
Fuel Pump 1+2	ON
Right Ignition and Engine Start Switch	ON (hold until engine starts)
Right ITT and N1 Turbine RPM	MONITOR
Right FUEL PRESS LO Annunciator	EXTINGUISHED
Right OIL PRESS LO Annunciator	EXTINGUISHED
Right Oil Pressure	CHECK
Left Ignition and Engine Start Switch	ON (hold until engine starts)
Left ITT and N1 Turbine RPM	MONITOR
Left FUEL PRESS LO Annunciator	EXTINGUISHED
Left OIL PRESS LO Annunciator	EXTINGUISHED
Left Oil Pressure	CHECK
DC Elec. Power	ON
Engine Instruments	CHECK
Loadmeter+Voltmeter	CHECK for CHARGE



## Taxi To Ramp

Flaps	RETRACT
Taxi Lights	ON
Landing Lights	OFF
De-Ice	OFF
Transponder	1200
Speed	Max. 20 knots
Elevator Trim	TAKEOFF SETTING
Avionics/Radios	AS REQUIRED

## Shutdown Checklist

Parking Brake	SET
Throttle	IDLE
Taxi Lights	OFF
Nav Lights	OFF
Strobe Light	OFF
Fuel Flow	CUTOFF (Ctrl-Shift-F1)
Beacon	OFF
DC Elec. Power	OFF when N1 < 15%
AC Elec. Power	OFF

## Securing Aircraft

Parking Brake	Verify SET
Throttle	Verify IDLE
All Switches	Verify OFF

## Before Taxi Checklist

Strobe Light	ON
Nav Lights	ON
Taxi Lights	ON
Heading Indicator	SET
Altimeter	SET
Instruments	NORMAL OPERATION
Radios and Avionics	CHECKED and SET
Autopilot	SET and OFF
Yaw Damper	ON
De-Ice	AS REQUIRED

*Request Taxi Clearance*

## Taxi Checklist

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
Landing Lights	ON
Fuel Quantity	CHECK
Throttle	IDLE
Elevator Trim	SET for takeoff
Flaps	15 deg
Flight Controls	FREE AND CORRECT
Engine/Flight Instruments	CHECK
Radios and Avionics	SET
Annunciator Lights	CHECK

*Request Takeoff Clearance*



## Take-off Checklist

Smoothly increase thrust to	FULL
Brakes	RELEASE
V1 = Vr =	110 KIAS
Pitch	10-15 degrees
V2 =	115 KIAS
At Positive Climb Rate	Touch Brakes
Landing Gear	RETRACT
Trim for climb to maintain	160 KIAS at 1500 fpm
Flaps	RETRACT
Annunciator Lights	CHECK
Engine Instruments	CHECK

## Climb-out Checklist

Throttle	FULL
Autopilot	CHECK and SET
Taxi Lights	OFF
Landing Lights	OFF
Airspeed	160 KIAS / 1500 fpm 65%
At 18'000 ft	150 KIAS / 1300 fpm 65%
Engine Instruments	MONITOR
<b>ATC</b>	<b>AS REQUIRED</b>
At Transition Altitude (FL180) set Altimeter to 29,92" (1013mb)	

## Cruise Checklist

Accelerate to cruise speed	200 KIAS	60%
Service Ceiling	25'000 ft	
Engine+Instruments	CHECK	
Engine Temperatures	STABILIZE at cruise cond.	
Fuel Quantity	CHECK	
Radios	TUNED and SET	
Autopilot	CHECK and SET	
Lights	as required	

## Descent Checklist

Atis/Airport Information	CHECK	
Altimeter	CHECK	
Radios	SET	
Descent Speed	180 KIAS	8%
Descent Rate	-1500 fpm	
Flaps	CHECK UP	
Landing Gear	CHECK UP	
At Transition Altitude (FL180) reset Altimeter to local		
Check Weather	(ATIS, Flight Services)	

## Approach Checklist

### Localizer Level Flight :

Speed: Establish	160 KIAS	25%
Landing Lights	ON	
Flaps	15 deg	
Speed: Establish	145 KIAS	23%
Flaps	30 deg	
Speed: Establish	130 KIAS	23%
Landing Gear	DOWN	
Turning toward runway: set flaps	45 deg or FULL DOWN	

### Final Glideslope Descent :

Speed: Establish	120 KIAS	20%
Descent Rate	-800 fpm	
Elevator Trim	AS DESIRED	
Parking Brake	VERIFY OFF	
De-Ice	AS REQUIRED	

## Landing Checklist

Landing Gear	CHECK DOWN, 3 GREEN
Autopilot	OFF
Landing Speed	110 KIAS
Touchdown	MAIN WHEELS FIRST
Landing Roll	LOWER NOSE WHEEL
After touchdown	Apply Reverse Thrust, at 60 kts: Cancel Reverse Thrust