

Lago AMX - FSX/P3Dv4 notes

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Installation FSX Acceleration

To fully enable the configuration manager and flight refueling, you need to install Tom Aguilo's freeware 32 bit XMLTools module. Without it, fuel and payload weights will not be correctly initialized and updated.

XMLTools v2.01 32 bit:

<http://www.fsdeveloper.com/forum/resources/xmltools-2-01-xml-expansion-module-for-fsx.148/>

Copy the XMLTools.dll file to your FSX root folder and add these lines to your DLL.xml file which is located in folder %APPDATA%\Microsoft\FSX :

```
<Launch.Addon>
<Name>XMLTools</Name>
<Disabled>False</Disabled>
<ManualLoad>False</ManualLoad>
<Path>XMLTools.dll</Path>
<DllStartName>module_init</DllStartName>
<DllStopName>module_deinit</DllStopName>
</Launch.Addon>
```

Unzip the AMX files to a temporary folder. Then copy folder [Lago AMX](#) and it's contents to the FSX \SimObjects\Airplanes folder.

Installation P3Dv4

To fully enable the configuration manager and flight refueling, you need to install Tom Aguilo's freeware 64 bit XMLTools module. Without it, fuel and payload weights will not be correctly initialized and updated.

XMLTools v1.0 64 bit: <http://www.fsdeveloper.com/forum/resources/xmltools64-for-p3d-v4-v1-0.197/>

Copy the XMLTools64.dll file to your Prepar3D v4 folder and add these lines to your DLL.xml file which is located in folder %PROGRAMDATA%\Lockheed Martin\Prepar3D v4 :

```
<Launch.Addon>
<Name>XMLTools64</Name>
<Disabled>False</Disabled>
<ManualLoad>False</ManualLoad>
<Path>XMLTools64.dll</Path>
<DllStartName>module_init</DllStartName>
<DllStopName>module_deinit</DllStopName>
</Launch.Addon>
```

Credits / Copyright

Original FS9 package: LAGO Srl

Artwork updates: Ed Wells, Henk Schuitemaker

FSX/P3D conversion: Ulrich (Bluebear), Henk Schuitemaker

Copyright information

Original FS9 package: Copyright © 2003 LAGO Srl. All rights reserved.

P3D conversion: These files are freeware. They are unsupported, so please do not e-mail us if you have problems. Under no circumstances may these files be sold or uploaded to a payware site, rikoooo or any other kind of illegal warez site.

Configuration Manager

When launching an AMX flight, the Configuration Manager panel will show. The panel can also be called up during the flight with key command [Shift 1]. Selections can be made by clicking on the yellow rectangles right of the loadout/configuration labels, clicking again shows the 2nd choice etc.:



Internal fuel: Full or Half

Center Station: Empty, Orpheus, Mk82

Wing Inboard: Empty, tanks, Mk82, Mk84

Wing Outboard: Empty, tanks

Tips: Empty, AIM-9

Click spots on the right side:

Crew: Show, Hide

Wheel Chocks: Hide, Show

Cold and Dark: Engine shuts down and everything is switched off.

Ready to Fly: Everything switched on so the jet is ready to start the engine.

AMX FSX/P3Dv4 cockpit

The Lago AMX P3D conversion has an almost completely rebuild cockpit with P3Dv4 compatible instruments and switches, loosely based on the real life aircraft. This is an overview of the sim cockpit features.

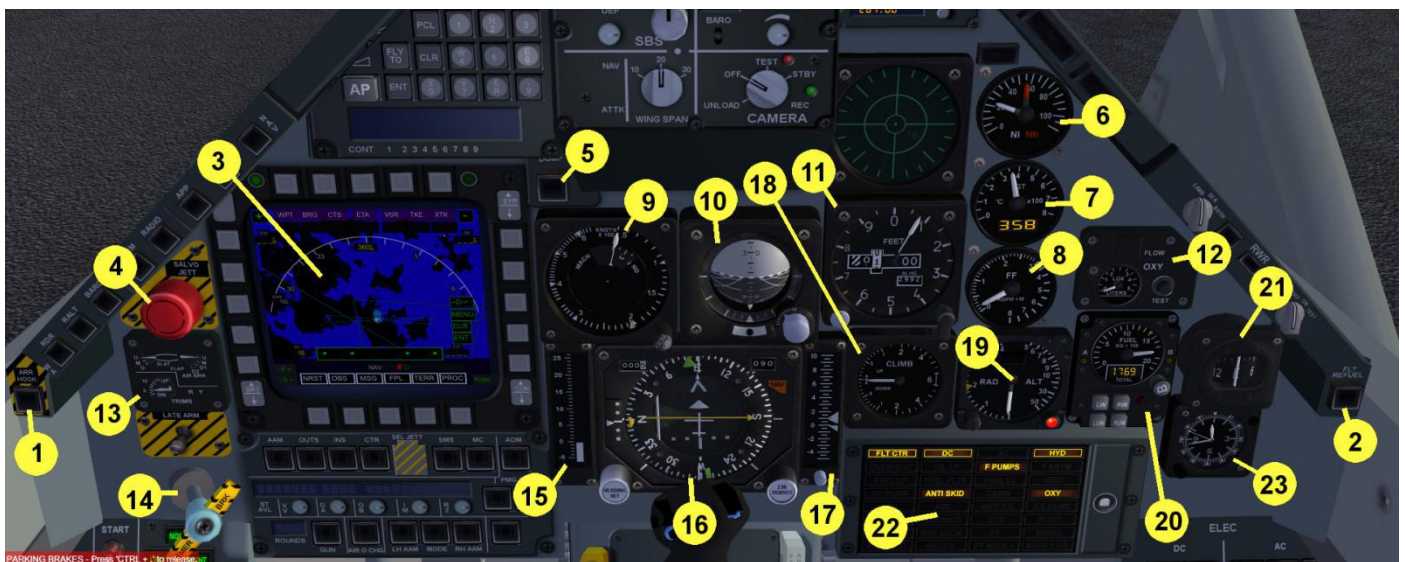
Front panel - top

1. HUD - just a simplified sim HUD which shows the basic sim flight data.
2. HUD power switch
3. HUD pitch adjustment knob
4. Nav Data Unit - used for sim autopilot controls/display:
 - Activate AP: "AP" button
 - GPS/VOR Tracking: "ENT" button
 - Speed Hold: "X0" button, adjust airspeed (kias) with "CLR" mouse wheel button
 - Pitch Hold: "Y7" button
 - Alt Hold: "5R" button, adjust altitude with "5" button, vertical speed with "W4" mouse wheel button
 - Heading Hold: "-9" button, adjust heading with HSI "Heading Set" mouse wheel knob
5. Master warning button/light
6. Fire warning lights
7. Stall warning light
8. Canopy warning light
9. Marker beacon light
10. Steer light (indicates nose wheel steering is available)
11. Comm radio frequency display
12. Starter active light
13. Radar Warning Receiver (inop)



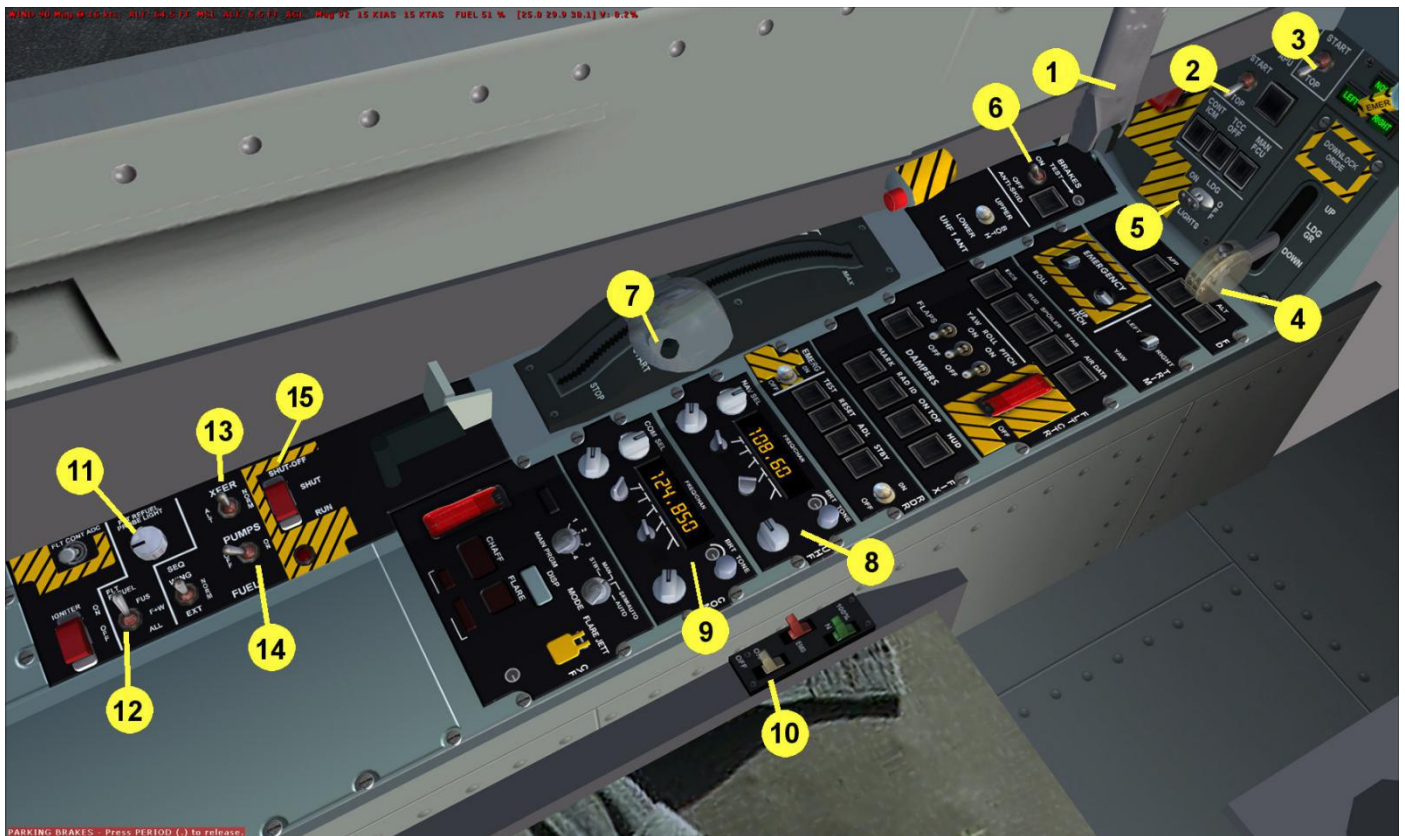
Front panel - bottom

1. Tail hook button/light
2. Air refueling light
3. MFD - used for sim GPS
4. Jettison button - releases all external stores
5. Lift dump button/light - used for sim spoilers
6. RPM indicator
7. TGT indicator
8. Fuel flow indicator
9. Airspeed indicator with speed set knob/bug
10. Attitude + slip indicator with adjustable wing
11. Altitude indicator + Kohlsmann knob
12. Oxygen flow/qty indicator
13. Flaps/trim indicator
14. Parking brake handle
15. AoA indicator
16. HSI with basic sim functionality. Use the HSI source selector (R console NAV panel) to switch between VOR/ILS and TACAN radios. Select "HSI TACAN" for TACAN radio, "HSI ILS" for NAV VOR/ILS radio.
17. G force indicator with reset button
18. Vertical Speed Indicator
19. Radar altitude indicator with decision height knob/bug and warning light
20. Fuel qty indicator - by default showing the remaining fuselage tank fuel load in Kg. Use the 4 square buttons to add wing tank fuel (LW / RW) and inboard drop tank fuel (LUW / RUW) to the displayed qty. Bingo fuel qty can be set with the "B" knob.
21. Whisky compass
22. Central Warning Panel
23. Clock



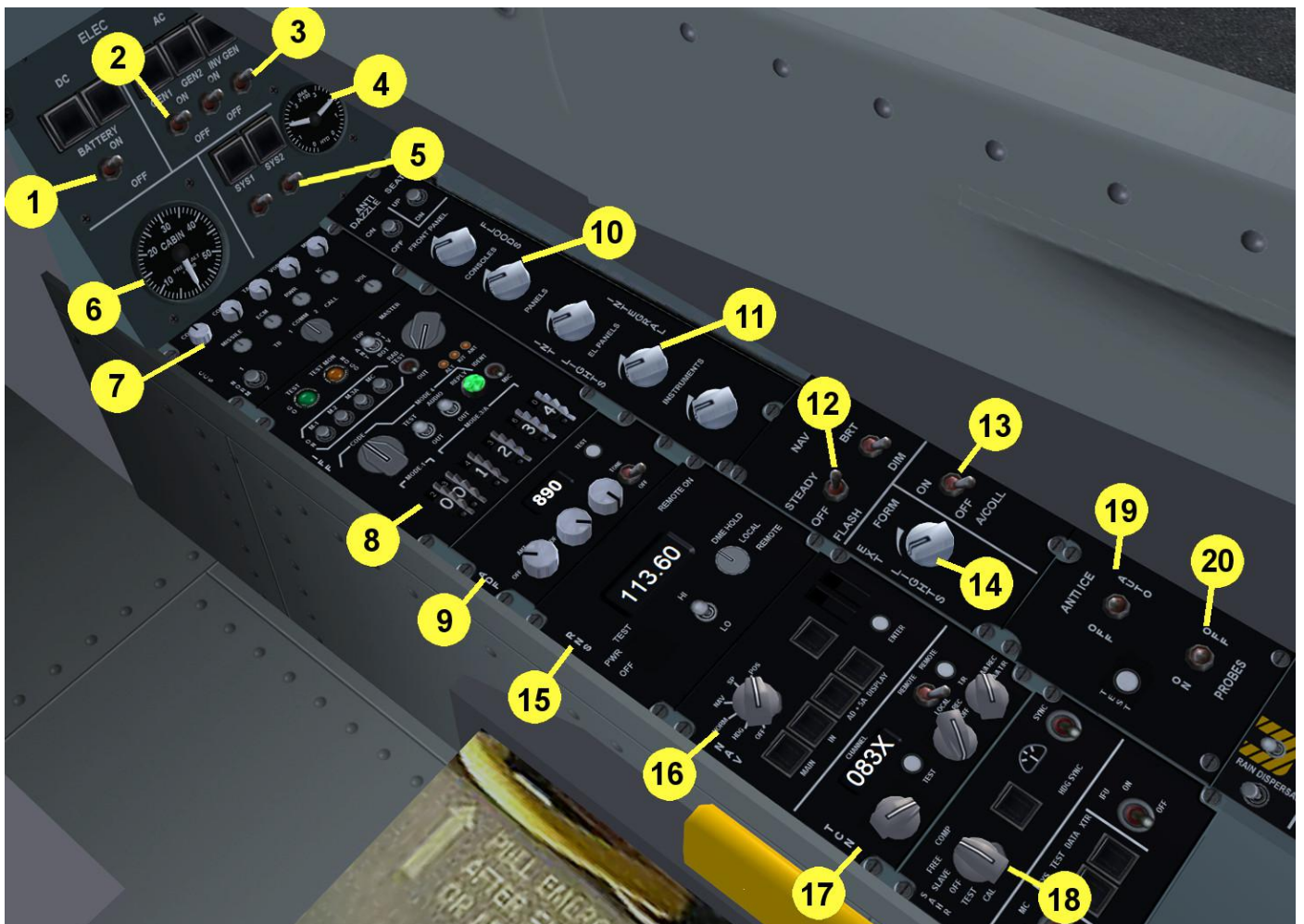
Left console

1. Canopy (un)lock handle
2. APU switch
3. Engine starter switch
4. Gear lever
5. Landing/Taxi lights switch
6. Anti skid brake switch
7. Throttle - right click to "STOP" cuts engine fuel supply, left click to "START" opens fuel supply.
8. NAV VOR/ILS radio with frequency selectors/display and audio button
9. COM radio with frequency selectors/display
10. Seat armrest oxygen flow switch
11. Flight refuel probe light button
12. Flight refuel switch - to refuel fuselage and wing tanks
13. Fuel cross feed switch (inop)
14. Fuel pumps switch
15. Fuel shut off switch/light



Right console

1. Battery switch/lights
2. Generator switches/lights
3. Inverter switch/lights - used as sim master avionics switch
4. Hydraulics pressure indicator
5. Hydraulics switches/lights
6. Cabin pressure indicator
7. CCS panel - only the NAV radio and marker beacon audio switches are functional
8. IFF radio - only the transponder last 4 digits tuning wheels are functional
9. ADF radio with frequency selectors/display and audio button
10. Internal flood light knobs
11. Internal integral light knobs
12. Nav light switch with flash/steady modes
13. Collision lights switch
14. Formation (slime) lights switch
15. RNS panel (inop), display shows TACAN channel sim (Nav 2) frequency equivalent.
16. NAV panel - used for the HSI source selector to switch between HSI VOR/ILS and TACAN modes. Select "HSI TACAN" for TACAN radio, "HSI ILS" for NAV VOR/ILS radio.
17. TCN panel - TACAN radio with channel selector knobs/display and audio button
18. SAHR panel - used for sim NAV/GPS mode switch. Select "GPS" for flight plan waypoint tracking, "NAV" for VOR tracking.
19. Anti Ice switch
20. Probes (sim pitot heater) switch



In flight kneeboard pilot notes

In flight you can call up simplified sim pilot notes on the sim kneeboard - checklist page. This summarizes the basic procedures for FSX/P3D.

Lago AMX Pilot Notes	
ANIMATIONS / SPECIAL KEYS	
Aircraft Configuration	Configuration panel [Shift 1]
Canopy	Grey canopy lock handle (L wall)
Wing Spoilers	LIFT DUMP button (front panel)
Tailhook	Tailhook button (L eyebrow)
STARTING ENGINES	
Throttle	right-click to STOP position
Battery switch	On (R fwd console)
Generator switches	On (R fwd console)
INV GEN switch	On (R fwd console)
Hydraulics switches	On (R fwd console)
Fuel Shut (guarded) switch	RUN (L aft console)
Fuel pumps switch	On (L aft console)
Throttle	click to START position
APU switch	On (L fwd console)
Starter switch	On, wait till Nh RPM settles around 55% (L fwd console)
APU switch	Off (L fwd console)
Anti skid switch	On (L fwd console)
Oxygen switch	On (seat left armrest)
Anti Ice switch	AUTO (R aft console)
Probes heat switch	On (R aft console)
TAKE OFF (clean config)	
Trim	up to +5
Flaps	Take off "D1" (2 notches)
Take off Speed	133 kias
Gear	Up before 230 kias
LANDING (clean config, 500kg fuel)	
Airbrakes as required	LIFT DUMP button (fnt panel)
Flaps	Full "D2" below 180 kias
Base leg Speed	130 kias, 12 AoA units
Finals Speed	120 kias, 12 AoA units
SHUTDOWN	
Throttle	right-click to STOP position
NAV RADIOS	
The left console NAV radio is used for VOR/ILS, the right console has the ADF and Tacan (Nav2) radios	
HSI source selector	Select "HSI TACAN" for TACAN radio, "HSI ILS" for NAV VOR/ILS radio (R console NAV panel)
NAV/GPS mode switch	Select "GPS" for flightplan waypoint tracking, "NAV" for VOR tracking (R aft console SAHR panel)
AUTOPILOT	
Autopilot clickspots are on the front panel Nav Data unit	
Activate AP	"AP" button
GPS/VOR Tracking	"ENT" button, set NAV/GPS mode switch to "GPS"
Speed Hold	"X0" button, adjust kias with "CLR" button
Pitch Hold	"Y7" button
Alt Hold	"5R" button, adjust alt with "5" button, vs with "W4" button
Hdg Hold	"-9" button, adjust heading with HSI Heading Set knob

Landing procedure

Real world landing procedure from the Italian air force flight manual:

RESTRICTED

**AER.1F-AMX-1
(FAB)T.O. 1A-1-1**

NORMAL LANDING (TYPICAL)

