

A310
Pre-flight Procedures Manual



Grupo **SATA**
Virtual
www.satavirtual.org

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1. Introduction

This manual was made to inform pilots how they should proceed and what steps they should take before entering the plane. Like in reality, all pilots comply with mandatory and important procedures before entering the plane, like checking the Flight Plan, Meteorology etc. Most important steps to take before flight are shown here.



2. Flight Planning (BriefSys)



I'll explain how the system works. It's quite simple. Basically the system will give what you need for the flight. Go to Pilot Console and login. First step is to check forecast movements to avoid conflicts with other pilots reservations and aircraft. Once you see there is no problems go to Briefing. Enter the departure and destination ICAO codes. For example: LPPT to LPPD and search. The following page will appear. There you have:

- METAR, TAF and Short TAF
- SIGMET
- Surface Analysis
- Altitude Wind and Temperature (6H Forecast)
- Satellite Images



From LPPT To LPPD Details
[Route and Fuel/Weight Calculator](#)

Flight Briefing

METAR

2006/02/05 21:00 LPPT 052100Z 03004KT CAVOK 10103 01022 NDBG
2006/02/05 21:00 LPPD 052100Z 00000KT 9999 FEW006 SCT012 FEW016CB BKN070 1311 01014

TAF

2006/02/05 16:59 LPPT 051659Z 060018 05008KT CAVOK TEMPO 0002 VRB03KT
2006/02/05 16:57 LPPD 051657Z 051818 VRB05KT 9999 SCT015 BKN035 TEMPO 1812 4000 RAOZ BR SCT004 BKN010

Short TAF

2006/02/04 22:57 LPPT 042257Z 060110 03010KT CAVOK
2006/02/04 22:57 LPPD 042257Z 060110 18013KT 9999 SCT015 BKN030 TEMPO 0110 3000 RAOZ BR SCT003 BKN005 PROB30 TEMPO 0109 18015G25KT

SIGMET

Europe/North America [North Atlantic Oceanic Europe](#) [Mediterranean Area](#) [Canada Region 1 \(5-RC5\)](#) [Northeast US](#)

Surface Analysis

Europe/Atlantic [Latest](#) [24H Forecast](#) [48H Forecast](#)
Tropical Atlantic [Analysis 12Z](#)

Altitude Wind and Temperature (6H Forecast)

Europe/North America [FL100](#) [FL300](#) [FL390](#) [FL380](#)
South Europe/Africa/North America/South America [FL300](#) [FL390](#) [FL380](#)

Jet Stream [Watch](#)

Satellite

Europe/Africa/North America/South America [Infrared](#)
Europe [Visible](#)

Now click on [Route and Fuel/Weight Calculator](#). Enter aircraft type and callsign. For example: A310, RZ0129 and search. So you just got your route and alternate field. Click [Select](#).



Route and Fuel/Weight Calculator


Flight from LPPT to LPPD using an A310 (RZ0129)..

Route	ALTN	
BUSEN UZ20 KOMUT DCT 38N020W DCT BEKUN DCT NAVPO	LPLA	Select

Powered by BriefSys v1.0
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Other page will appear. Enter number of passengers (PAX) and cargo. For example: 180 PAX and 3400 Kg and Load. There you have your flight plan. I underlined most important items.



SATA VIRTUAL DISPATCH OFFICE / BRIEFSYS V1.0
 FP STD 7 20060205215224
 RZ0129 A310 CRZ 0.82
 LPPT/ LPPD/ FP VIA LISOWSP PDLOWSP LPPTLPPD/LPLA

```

=====
          FUEL      END          WEIGHTS
TRIP      8769     02:03      PLNTOW 118900 ..... MTOW 157000
CONTS%    439     00:07      PLNLAW 109471 ..... MLAW 123000
ALTN/LPLA 1144     00:17      PLNZFW 103116 ..... MZFW 113000
HOLD      3432     00:45
EXTRA     2000     00:27
          TKNCAP      54812

REQ        15784    03:39
TAXI        660     00:10
TOTAL      16444    03:49
FINALEXTRA .....
BLOCK      .....
          PAX        17100
          CARGO      3400
          PAYLOAD    20500
          DUE.....
  
```

PREPARED BY
 NAME SATA VIRTUAL BRIEFSYS V1.0
 CONTACT FLTOPS.S4@SATAVIRTUAL.ORG

FMS/FP INFO
 CO ROUTE INFO LPPTLPPD
 CALCULATED CRZ OPT FL380

AVG WND
 FL... .. / ...
 FL... .. / ...
 FL... .. / ...
 TOC ... / ...
 TOD ... / ...

ATS CLEARENCE

CREW
 PAX 180
 TOTAL O/B

DISPATCH BRIEFING INFO:

ATS ROUTE:
 BUSEN UZZO KOMUT DCT 38NO2OW DCT BEKUN DCT NAVPO
 ATS ALTN ROUTE:

CAPTAIN

Now that you have all the information is time to book the flight with eurobook and send flight plan to VATSIM. It's mandatory to book all flights. In the Console press Book SATA Internacional. Just enter requested data and Send.

VATSIM Booking

Flight Details:

Your VATSIM ID:

Flight Date: (YYYYMMDD)

Callsign: (using online ICAO format)

Aircraft type:

From: (ICAO code) To: (ICAO code)

Departure time: (HHMM) Arrival Time: (HHMM)

Route:

Remarks:

Replaces to be done in Remarks:
 'mm' - Aircraft registration
 'sss' - Aircraft serial
 'yyyy' - Flight number digits

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Back to Console main page. Now you see the following small box.

Your Euro-Book Flights

Pop-up windows may be required

Date	Callsign	From	Time	To	Time	Acft Type
20060206	RZO129	LPPT	1930	LPPD	2130	A310
Flight Plan Info	Briefing	VATSIM - Prefile Flight Plan			Delete	
SATA BriefSys Briefing						

Go to Briefing. Check the following page will be shown.

Smart Flight Plan

Pilot:	Joao Caracol	Callsign:	RZO129
Booking:	2006-02-05 22:12:00	AC Type:	A310
Flight date:	2006-02-06	Cycle:	0601
Departure:	LPPT	Arrival:	LPPD
DEP Time:	19:30	ARR Time:	21:30
Remind:		Remind sent:	
Remarks	REG/CSTKM SEL/EHAQ RMK/CALLSIGN AIR AZORES 129 OPR/SATA INTERNACIONAL RMK/TCAS EQUIPPED		
Route:	BUSEN UZ20 KOMUT DCT 38N020W DCT BEKUN DCT NAVPO		
Fix-by-Fix:	BUSEN TABAX KOMUT BEKUN NAVPO		

EUROBOOK VATSIM Profile FP						
TYPE	CALLSIGN	AIRCRAFT TYPE / SPECIAL EQUIPMENT	TRUE AIRSPEED (KTS)	DEPARTURE POINT	DEPARTURE TIME (ZULU)	CRUISING ALTITUDE
<input type="radio"/> VFR <input type="radio"/> IFR	<input type="text" value="RZO129"/>	<input type="text" value="A310"/>	<input type="text"/>	<input type="text" value="LPPT"/>	<input type="text" value="1930"/>	<input type="text"/>
ROUTE OF FLIGHT						
<input type="text" value="BUSEN UZ20 KOMUT DCT 38N020W DCT BEKUN DCT NAVPO"/>						
DESTINATION	EST TIME ENROUTE HOURS MIN	VOICE CAPABILITIES	REMARKS (optional)			
<input type="text" value="LPPD"/>	<input type="text" value="02"/> <input type="text" value="00"/>	<input type="radio"/> Full Voice <input type="radio"/> Receive Only <input type="radio"/> Text Only	<input type="text" value="REG/CSTKM SEL/EHAQ RMK/CALLSIGN AIR AZORES 129 OPR/SATA INTERNACIONAL RMK/TCAS"/>			
FUEL ON BOARD		ALTERNATE AIRPORT (optional)	PILOT'S NAME & AIRCRAFT HOME BASE	VATSIM ID	VATSIM PASSWORD	
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text"/>	<input type="text" value="JOAO CARACOL"/>	<input type="text" value="823172"/>	<input type="text"/>	
This Profile FP has not been saved yet.						
<input type="button" value="SAVE"/>		<input type="button" value="SAVE AND SEND TO VATSIM"/>				

Press IFR for type of flight, enter true airspeed, cruising altitude, voice capabilities, fuel on board (get it on the flight plan, as TOTAL, in this case 03:49) and alternate airport, LPLA in this case. Now Save and Send to VATSIM. Flight Plan page will appear and it should look like this before you send. Then just press File Flight Plan. You won't need to file anything with SB3 or FSINN. Connect is all you need to do.

The current time is 2234Z



Lookup Plan

File Flight Plan

Cancel Plan

Clear Form

1. TYPE	2. CALLSIGN	3. AIRCRAFT TYPE/ SPECIAL EQUIPMENT	4. TRUE AIRSPEED (KTS)	5. DEPARTURE POINT	6. DEPARTURE TIME PROPOSED (Z)	7. CRUISING ALTITUDE
<input type="radio"/> VFR <input checked="" type="radio"/> IFR	RZ0129	H/A310/W	450	LPPT	1930	F370

8. ROUTE OF FLIGHT

BUSEN UZ20 KOMUT DCT 38N020W DCT BEKUN DCT NAVPO

9. DESTINATION	10. EST TIME ENROUTE HOURS MINUTES	11a. VOICE CAPABILITIES	11. REMARKS (optional)
LPPD	02 00	<input checked="" type="radio"/> Full Voice <input type="radio"/> Receive Only <input type="radio"/> Text Only	REG/CSTKM SEL/EHAQ RMK/CALLSIGN AIR AZORES 129 OPR/SATA INTERNACIONAL RMK/TCAS EQUIPPED

12. FUEL ON BOARD HOURS MINUTES	13. ALTERNATE AIRPORT (optional)	14. PILOT'S NAME & AIRCRAFT HOME BASE	15. VATSIM ID	16. VATSIM PASSWORD
03 49	LPLA	JOAO CARACOL/LPFR	823172	



3. Briefing

Briefing a flight is fundamental. After completing the Flight Plan procedure, you will analyse the same, taking notes, underlining most important things and checking if every thing is ok. For example: if the trip fuel is corresponding or revising the PLNLAW (Planned Landing Weight), checking if the MLAW (Maximum Landing Weight) is not being exceeded. So the first step of the Briefing is to check the Flight Plan. Then checking meteorological information is what pilot should do next. There are some items pilot should check, METAR's TAF's etc.



Questions? Contact the Chief Pilot.

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Chief Pilot A310
Grupo SATA Virtual

