

CRJ900
PANEL MANUAL
(and Read Me)

List of Contents

1. READ ME	.....	3
1.1 Credits	.....	3
1.2 Copyright	.....	3
1.3 Installation	.....	3
1.4 Repaint Policy	.....	3
2. Whole Panel	.....	4
3. Overhead Panel	.....	5
4. Autopilot Panel	.....	6
4.1 Warnings	.....	6
5. Displays	.....	7
5.1 PMDF	.....	7
5.2 Nav Display	.....	8
5.3 MFD	.....	9
6. Center Controls	.....	10
7. Other	.....	11
8. Air Speed limits	.....	11

1. READ ME

Please read carefully

1.1 Credits

Base aircraft (XP7.X) by:	Peregrine
Authorized Aircraft modification:	Safeflight
Panel artwork:	Homer Jay
Objects and modification:	C. Reviere
3D Panel:	C. Reviere
Aircraft tuning:	C. Reviere, Safeflight
Special thanks goes to:	Peregrine (for permisson)

We would like to thank you Christian Reviere for his support and excellent CRJ objects.

1.2 Copyright

You are not allowed to modify or use parts of this package without written authorization of the author. This software is FREEWARE and shall not be used in packages for sale or other x-plane samplers. Repaints can only be used with the permission of the certain author of the skin.

1.2 Installation instructions

Download the Base aircraft file CRJ900 Lufthansa v.1.0
Other repaint - copy and paste the repaint files of the repaint in the base aircraft folder. Rename folder to new repaint/ airline.

1.3 Repaint Policy

Repaints on this aircraft are authorized and wellcome under the following conditions:

1. The repaint is released at the xplane.org file section or with a link to the section.
2. A copy of this README is provided with the repaint to give all the credits and information.
3. The aircraft file is NOT included.

Copyright © 2008 by Safeflight

1. Whole Panel



1 Overhead Panel

2a Warnings

2b Autopilot Panel

3 Primary Flight Display (PMFD)

4 Nav Display

5 Multifunctional Display (MFD)

6 Center Controls

2. Overhead Panel



- 1 Landing light switches
- 2 Taxi light switch
- 3 Battery switch
- 4 Avionics switch
- 5 Fuel pump switches
- 6 Starter engine 1

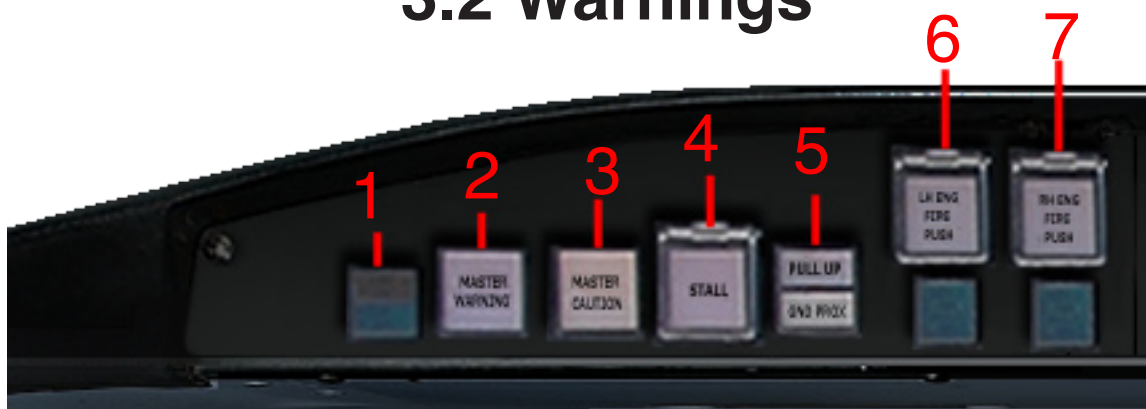
- 7 Starter engine 2
- 8 Pitot heat
- 9 Anti-ice (all systems)
- 10 No smoking switch
- 11 Fasten seat belt switch
- 12 Compass

3.1 Autopilot Panel



- | | |
|-------------------------------|----------------------------|
| 1 OBS 1 selector | 9 Heading (HDG) |
| 2 Flight director switch | 10 Heading selector |
| 3 WLV | 11 Localizer (NAV) |
| 4 Auto throttle | 12 Altitude hold |
| 5 Flightlevel change | 13 Altitude selector |
| 6 Speed selector/ Mach switch | 14 Vertical speed (V/S) |
| Glide Slope/ APPR | 15 Vertical speed selector |
| 8 Back course (BC) | 16 OBS 2 selector |

3.2 Warnings



- | | |
|---------------------------------------|--|
| 1 Autopilot test/
Annunciator test | 5 GPWS warning |
| 2 Master warning | 6 Engine fire left/
fire extinguisher left (push) |
| 3 Master caution | 7 Engine fire right/
fire extinguisher right (push) |
| 4 Stall warning | |

4 Displays

4.1 Primary Flight Display



1 Autopilot annunciators

1a Thrust/ Pitch

1b NAV/ HDG

1c V/S / G/S

1d HOLD

2 Selected speed

3 Selected HDG

4 Markers

5 Selected altitude

6 Speed

7 Barometric altitude

8 Artificial horizon

9 Selected VOR/ADF

10 QNH

11 Vertical speed indicator

12 Selected vertical speed

13 Mach speed/ Ground speed

14 HSI Rose

15 Instrument brightness

4.2 Nav Display



- 1 Ground speed/ wind
- 2 True air speed
- 3 OBS 1/ OBS 2 indicator
- 4 Distance to next waypoint
- 5 Radar altitude

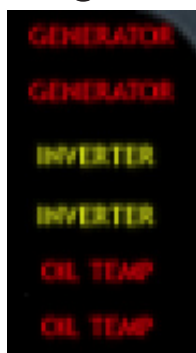
- 6 Decision altitude/ switch
- 7 Radar
- 8 Map zoom
- 9 Map options
- 10 Instrument brightness

4.3 Multifunctional Displays (MFD)

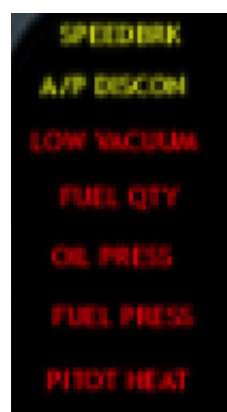


- | | |
|----------------------------------|----------------------------|
| 1 N1 | 9 Fuel QTY |
| 2 ITT | 10 Artificial horizon |
| 3 N2 | 11 Barometer switch |
| 4 Fuel flow/ Oil temp/ Oil press | 12 Autobrake selector |
| 5 Reverse warning | 13 Warning field 2** |
| 6 Flap indicator | 14 Elevator trim indicator |
| 7 Warning field 1* | 15 Rudder trim indicator |
| 8 Gear indicator | 16 Aircraft registration |
| | (entered in Plane Maker) |

*Warning field 1



**Warning field 2



5 Center Controls



1 FMS

2 Landing gear leveler

3 Elevator trim

4 Speedbrake

5 Fuel cut off left

6 Fuel cut off right

7 Throttle leveler left

8 Throttle leveler right

9 Rudder trim

10 Flap leveler

6 Other



- | | |
|-----------------------|----------------------------|
| 1 Nav light switch | 7 Transponder |
| 2 Strobe light switch | 8 Parking brake |
| 3 Beacon light switch | 9 APU generator switch |
| 4 Generator switch | 10 APU switch |
| 5 Generator switch | 11 Autopilot source switch |
| 6 Radio | 12 Map mode switch |

7 Air Speed Limits

AIRSPEED LIMITS-(INDICATED SPEEDS)			
VFE (45° FLAPS)	170	VMO (BELOW 8,000 FT)	330
VFE (30° FLAPS)	185	VMO (8,000 FT TO 25,400 FT)	335
VFE (20° FLAPS)	220	MMO (25,400 FT TO 28,400 FT)	0.80
VFE (8° FLAPS)	230	VMO (28,400 FT TO 31,500 FT)	315
(VA MANEUVERING)		MMO (31,400 FT TO 34,000 FT)	0.83
(AT SEA LEVEL @ 80,000 LB).....	256	MMO (34,000 FT TO 41,000 FT)	0.84
(36,285 KG)		VLO (RET)(L/G EXTENSION)	220
(AT 20,000 FT @ 42,000 LB).....	173	VLO (RET)(L/G RETARCTION).....	200
(19,050 KG)		VLE (L/G EXTENDED).....	230