

Aerosoft – Digital Aviation <b>CRJ-700 CRJ-900</b>	<b>NORMAL OPERATION CHECKLIST</b>	VOL <b>4</b>	4-1-1
			26-Jul-2017

## SAFETY CHECK

- 1 CIRCUIT BRAKERS ..... CLOSED
- 2 NW STRG SWITCH ..... OFF
- 3 HYDRAULIC PUMPS ..... OFF
- 4 LDG GEAR LEVER ..... DN / DOWN
- 5 FLIGHT SPOILER LEVER ..... 0
- 6 SLATS / FLAPS LEVER ..... SET
- 7 RADAR ..... OFF
- 8 ADG MANUAL RELEASE ..... STOWED
- 9 EMER FLAP SWITCH ..... NORMAL
- 10 BATTERY MASTER SWITCH ..... ON
- 11 APU / AC ELECTRICS ..... AS REQUIRED
- 12 IRS ..... NAV
- 13 EMERGENCY EQUIPMENT ..... CHECKED
- 14 GEAR AND SAFETY PINS ..... ON BOARD
- 15 AIRPLANE DOCUMENTS ..... CHECKED
- 16 HYDRAULIC 3A PUMP ..... AS REQUIRED
- 17 FMS INITIALIZATION ..... COMPLETE

## CABIN INSPECTION & EXTERNAL WALKAROUND

- 1 CABIN INSPECTION ..... ACCOMPLISH
- 2 WALKAROUND INSPECTION ..... ACCOMPLISH

## ORIGINATING CHECK

- 1 INTERNAL AND EXTERNAL PREFLIGHT CHECKS ..... COMPLETE
- 2 PEDALS, SEAT AND HARNESS ..... ADJUSTED
- 3 CREW OXYGEN AND MASKS ..... CHECKED / QTY ONLY FIRST FLIGHT OF THE DAY
- 4 AUDIO WARNING PANEL ..... CHECKED
- 5 ELECTRICAL POWER PANEL ..... CHECKED
- 6 FIRE DETECTION / FIREX MONITOR TEST ..... COMPLETE ONLY FIRST FLIGHT OF THE DAY
- 7 EXTERNAL LIGHTS PANEL ..... CHECKED
- 8 FUEL PANEL ..... CHECKED
- 9 BLEED AIR PANEL ..... CHECKED
- 10 APU PANEL ..... AS REQUIRED
- 11 START PANEL ..... CHECKED
- 12 HYDRAULIC PANEL ..... CHECKED
- 13 ELT SWITCH ..... ARM / RESET
- 14 CABIN PRESS PANEL ..... CHECKED
- 15 AIR CONDITIONING PANEL ..... CHECKED
- 16 ICE DETECTOR TESTS ..... COMPLETE ONLY FIRST FLIGHT OF THE DAY

- 17 WSHLD SWITCHES ..... LOW
- 18 EMER LTS SWITCH ..... ARM
- 19 STANDBY COMPASS ..... CHECKED
- 20 STALL TEST ..... COMPLETE ONLY FIRST FLIGHT OF THE DAY
- 21 NW STRG SWITCH ..... OFF
- 22 CLOCKS ..... SET
- 23 EFIS CONTROL PANELS ..... CHECKED
- 24 INSTRUMENT PANELS ..... CHECKED
- 25 EICAS AND STANDBY INSTRUMENT ..... CHECKED
- 26 ANTI SKID TEST ..... COMPLETE ONLY FIRST FLIGHT OF THE DAY
- 27 MLG BAY OVHT TEST ..... COMPLETE ONLY FIRST FLIGHT OF THE DAY
- 28 UPPER PEDESTAL ..... CHECKED
- 29 THRUST LEVER QUADRANT ..... CHECKED
- 30 AVIONICS / RADIO TUNING PANELS ..... CHECKED
- 31 TRIMS ..... CHECKED
- 32 YAW DAMPER ..... ENGAGE
- 33 SOURCE SELECT PANEL ..... NORM
- 34 LOWER PEDESTAL ..... CHECKED

## BEFORE START CHECK

- 1 PASS SIGNS ..... ON
- 2 LDG ELEV ..... SET
- 3 BOOST PUMPS ..... ON / CHECKED
- 4 ALTIMETERS ..... SET
- 5 FMS / IRS ..... SET
- 6 RADIOS AND NAV AIDS ..... SET FOR DEP
- 7 TAKE-OFF BRIEFING ..... COMPLETE

## CLEARED TO START CHECK

- 1 APU / AC ELECTRICS ..... ON / CHECKED
- 2 PAPERS ..... ON BOARD
- 3 TAKE-OFF DATA ..... SET
- 4 DOORS ..... CLOSED / LOCKED
- 5 BEACON ..... ON
- 6 FUEL PUMPS AND QUANTITY ..... ON (QTY)
- 7 HYDRAULIC PUMPS ..... AUTO / ON
- 8 PARKING BRAKE ..... AS REQUIRED
- 9 ENGINES ..... START
- 10 FUEL FEED CHECK VLV TEST ..... COMPLETE ONLY FIRST FLIGHT OF THE DAY

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## AFTER START CHECK

- 1 GEN 1 AND GEN 2.....AUTO
- 2 BLEED VALVES AND PACKS.....AUTO / ON
- 3 ANTI-ICE .....AS REQUIRED
- 4 PROBES.....ON
- 5 ELECTRICS.....CHECKED
- 6 RUDDER .....CHECKED
- 7 N/W STRG.....ARMED

## TAXI CHECK

- 1 FLAPS ..... ° INDICATING
- 2 FLIGHT CONTROLS .....CHECKED
- 3 TRIMS.....GREEN AND °
- 4 THRUST REVERSERS.....ARMED
- 5 FLIGHT INSTRUMENTS.....CHECKED
- 6 FMS .....AUTOTUNE
- 7 BRAKE TEMP.....CHECKED

## BEFORE TAKE-OFF CHECK

- 1 LIGHTS AND STROBES.....AS REQUIRED
- 2 FUEL, XFLOW.....MAN AND OFF
- 3 IGNITION / ANTI-ICE .....AS REQUIRED
- 4 FLIGHT ATTENDANT.....ADVISED
- 5 TRANSPONDER / TCAS ON / AS REQ
- 6 RADAR / TERRAIN DISPLAY .....AS REQUIRED
- 7 CAS.....CHECK / CLEAR

## CLIMB CHECK

- 1 FUEL, XFLOW.....AUTO
- 2 BLEEDS AND APU.....SET
- 3 LIGHTS AND PASS SIGNS.....AS REQUIRED
- 4 THRUST REVERSERS.....OFF
- 5 CAS.....CHECK / CLEAR

## DESCENT CHECK

- 1 LDG ELEV .....SET
- 2 FUEL.....CHECKED
- 3 TCAS .....AS REQUIRED
- 4 RADAR .....AS REQUIRED
- 5 TERRAIN DISPLAY .....AS REQUIRED
- 6 CAS.....CHECK / CLEAR
- 7 LANDING DATA.....SET
- 8 APPROACH BRIEFING .....COMPLETE

## APPROACH CHECK

- 1 ALTIMETERS..... SET
- 2 APU AND BLEEDS.....SET
- 3 LIGHTS AND PASS SIGNS.....AS REQUIRED

## BEFORE LANDING CHECK

- 1 FLIGHT ATTENDANT .....ADVISED
- 2 PASS SIGNS .....ON
- 3 THRUST REVERSERS.....ARMED
- 4 LDG GEAR .....DN / DOWN
- 5 FLAPS..... ° INDICATING

## AFTER LANDING CHECK

- 1 APU.....AS REQUIRED
- 2 TRANSPONDER / RADAR .....STBY / OFF
- 3 FLAPS.....UP
- 4 LIGHTS AND STROBES .....AS REQUIRED
- 5 PROBES.....OFF

## SHUTDOWN CHECK

- 1 CHOCKS AND BRAKES .....AS REQUIRED
- 2 ELECTRICS.....SET
- 3 FUEL AND CHECK VALVE TEST .....COMPLETE
- 3 THRUST LEVERS .....SHUT OFF
- 4 SEAT BELTS.....OFF
- 5 ANTI ICE.....OFF
- 6 FUEL PUMPS .....OFF
- 7 HYDRAULIC 3A PUMP .....AS REQUIRED
- 8 BEACON.....OFF
- 9 N/W STRG SWITCH.....OFF

## TERMINATING CHECK

- 1 CHOCKS AND BRAKES .....IN / OFF
- 2 IRS.....OFF
- 3 THRUST LEVERS .....OFF
- 4 EMER LTS SWITCH.....OFF
- 5 WSHLD SWITCH.....OFF
- 6 AFT CARGO SWITCH.....OFF
- 7 HYDRAULIC PUMPS .....OFF
- 8 EXTERNAL LTS SWITCHES .....OFF
- 9 APU START / STOP .....OFF
- 10 APU PWR FUEL.....OFF
- 11 DC SERVICE SWITCH.....OFF

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- 12 BATTERY MASTER SWITCH .....OFF
- 13 DOME LIGHT SWITCH .....OFF
- 14 BOARDING LIGHTS .....OFF