

Aerosoft – Digital Aviation <b>CRJ 550/700</b>	<b>NORMAL OPERATION CHECKLIST</b>	VOL <b>4</b>	4-1-1
			14-Feb-2021

## SAFETY CHECK

- 1 CIRCUIT BREAKERS.....CLOSED
- 2 N/W STRG SWITCH .....OFF
- 3 HYDRAULIC PUMPS .....OFF
- 4 LDG GEAR LEVER .....DN / DOWN
- 5 FLIGHT SPOILER LEVER.....RETRACTED
- 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.....ON/OFF
- 12 AC ELECTRICS .....AS REQUIRED
- 13 IRS .....NAV
- 14 EMERGENCY EQUIPMENT .....CHECKED
- 15 GEAR AND SAFETY PINS .....ON BOARD
- 16 AIRPLANE DOCUMENTS.....CHECKED
- 17 HYDRAULIC 3A PUMP .....ON/OFF
- 18 FMS INITIALIZATION.....COMPLETE

## CABIN INSPECTION & EXTERNAL WALKAROUND

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

## ORIGINATING CHECK

- 1 CREW OXYGEN AND MASKS.....CHECKED / \_\_\_\_ PSI  
ONLY FIRST FLIGHT OF THE DAY
- 2 AUDIO WARNING PANEL.....CHECKED
- 3 ELECTRICAL POWER PANEL.....CHECKED
- 4 FIRE DETECTION / FIREX  
MONITOR TEST .....COMPLETE  
ONLY FIRST FLIGHT OF THE DAY
- 5 EXTERNAL LIGHTS PANEL.....CHECKED
- 6 FUEL PANEL.....CHECKED
- 7 BLEED AIR PANEL .....CHECKED
- 8 APU PANEL .....ON/OFF
- 9 START PANEL .....CHECKED
- 10 HYDRAULIC PANEL .....CHECKED, AUTO,  
.....ON (3A)
- 11 ELT SWITCH.....ARM / RESET
- 12 CABIN PRESS PANEL .....CHECKED
- 13 AIR CONDITIONING PANEL.....CHECKED
- 14 ANTI-ICE PANEL.....CHECKED,  
.....COMPLETE
- 15 WSHLD HEAT .....LOW
- 16 EMER LTS SWITCH.....ARMED
- 17 STANDBY COMPASS .....CHECKED
- 18 N/W STRG SWITCH .....OFF
- 19 CLOCKS .....SET
- 20 INSTRUMENT PANELS .....CHECKED

- 21 UPPER PEDESTAL ..... CHECKED
- 22 THRUST LEVER QUADRANT ..... CHECKED
- 23 AVIONICS / RADIO TUNING  
PANELS..... CHECKED
- 24 TRIMS.....CHECKED
- 25 YAW DAMPER..... ENGAGE
- 26 SOURCE SELECT PANEL..... NORM

## BEFORE START CHECK

- 1 PASS SIGNS ..... ON
- 2 LDG ELEV ..... SET
- 3 ALTIMETERS..... \_\_, \_\_ FEET
- 4 FMS ..... CHECKED, SET
- 5 IRS..... ALIGNED, NAV
- 6 RADIOS AND NAV AIDS ..... SET
- 7 TAKE-OFF BRIEFING..... COMPLETE

## CLEARED TO START CHECK

- 1 PERSONAL ELECTRONIC DEV. .... OFF
- 2 APU ..... ON
- 3 ELECTRICS..... CHECKED
- 4 TAKE-OFF DATA..... SET
- 5 DOORS..... CLOSED / LOCKED
- 6 BEACON..... ON
- 7 FUEL PUMPS AND QUANTITY ..... ON, \_\_\_\_ kg/lbs
- 8 HYDRAULIC PUMPS..... AUTO / ON
- 9 PARKING BRAKE ..... ON/OFF

## AFTER START CHECK

- 1 GENERATORS ..... AUTO
- 2 ELECTRICS..... CHECKED
- 3 BLEED VALVES..... AUTO
- 4 PACKS..... ON
- 5 APU ..... ON/OFF
- 6 ANTI-ICE ..... ON/OFF
- 7 N/W STRG..... ARMED

## TAXI CHECK

- 1 SLATS / FLAPS..... ° INDICATING
- 2 FLIGHT CONTROLS..... CHECKED
- 3 TRIMS..... GREEN & \_\_\_\_ UNITS
- 4 THRUST REVERSERS..... ARMED
- 5 FLIGHT INSTRUMENTS..... CHECKED
- 6 BRAKE TEMP ..... CHECKED

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## BEFORE TAKE-OFF CHECK

- 1 LIGHTS AND STROBES .....ON
- 2 FUEL, XFLOW .....MANUAL
- 3 FLIGHT ATTENDANT .....ADVISED
- 4 TRANSPONDER / TCAS .....ON, SET
- 5 RADAR / TERRAIN DISPLAY .....SET
- 6 CAS.....CHECKED

## CLIMB CHECK

- 1 FUEL, XFLOW .....AUTO
- 2 BLEEDS AND APU.....SET
- 3 THRUST REVERSERS .....OFF
- 4 CAS.....CHECKED

## DESCENT CHECK

- 1 LDG ELEV .....SET
- 2 FUEL.....CHECKED
- 3 TCAS .....SET
- 4 RADAR.....ON/OFF
- 5 CAS.....CHECKED
- 6 LANDING DATA .....SET
- 7 APPROACH BRIEFING.....COMPLETE

## BEFORE LANDING CHECK

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

## AFTER LANDING CHECK

- 1 APU.....ON/OFF
- 2 TRANSPONDER / RADAR.....STBY / OFF
- 3 FLAPS.....UP / ZERO
- 4 LIGHTS AND STROBES .....SET
- 5 PROBES .....OFF

## SHUTDOWN CHECK

- 1 PARKING BRAKE .....ON/OFF
- 2 SEAT BELTS .....OFF
- 3 THRUST LEVERS.....SHUT OFF
- 4 ANTI ICE.....OFF
- 5 FUEL PUMPS .....OFF
- 6 BEACON.....OFF
- 7 N/W STRG SWITCH .....OFF

## TERMINATING CHECK

- 1 CHOCKS AND BRAKES .....IN / OFF
- 2 IRS.....OFF
- 3 EMER LTS SWITCH .....OFF
- 4 ANTI-ICE .....OFF
- 5 HYDRAULIC PUMPS.....OFF
- 6 EXTERNAL LTS SWITCHES .....OFF
- 7 APU .....OFF
- 8 BATTERY MASTER .....OFF
- 9 COCKPIT LIGHTS .....OFF