



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

May 9, 2018

Attachment 4- Compass Airlines – E170 Normal Checklist

OPERATIONAL FACTORS

OPS17IA014AB

ERJ 170 Normal Checklist

PREFLIGHT CHECK

SIC	PIC
Crew Brief	COMPLETE
Emergency Equipment.....	CHECKED
DVDR	TESTED
Parking Brake	SET
Electronic CBs	CHECKED
Trim Panel	CHECKED/SET
❖Hydraulic Pumps.....	ON
❖Logbook.....	CHECKED, SHIP ____
❖PBE.....	CHECKED
❖Oxygen	(BOTH) CHECKED
❖Departure Brief.....	(BOTH) COMPLETE

BEFORE START CHECK

SIC	PIC
RED BCN	ON
Passenger Signs.....	ON
Fuel..... (PIC) RELEASE MINIMUMS ____ LBS	
(SIC) FOB ____, DISTRIBUTION NORMAL	
Takeoff Data..... (BOTH) ____ SET	
Doors & Windows	(BOTH) CLOSED/LOCKED
Steering	OFF

BEFORE TAXI CHECK

SIC	PIC
Flight Instruments..... (BOTH) ____ NORMAL	
Trims	CENTERED, ____
Slat/Flap	SET
Flight Controls	(BOTH) CHECKED
[Transponder	AS REQUIRED]

BEFORE TAKEOFF CHECK

*[Refer to TAKEOFF CHANGE CHECK as necessary]

SIC	SIC
[APU	AS REQUIRED]
[Brake Temperature	GREEN]
[Autothrottle	ARMED]
[Transponder	CODE SET, TA/RA]
[Flight Attendants.....	NOTIFIED & ACKNOWLEDGED]
[SIC AS	(PIC) CHECKED]
[Minimum Fuel	____ LBS]
Fuel on Board	____ LBS]
*Takeoff Brief	(BOTH) ____ COMPLETE]
Takeoff Configuration	CHECKED]

CLIMB CHECK

PM	PM
[APU.....	AS REQUIRED]
[Gear/Slat/Flap.....	UP/0]
[Passenger Signs	AS REQUIRED]
[Exterior Lights.....	AS REQUIRED]
At Transition Altitude	
Altimeters	(BOTH) STD, ____

DESCENT CHECK

PM	PM
[Pressurization	LFE CHECKED]
Altimeters	(BOTH) ____
Landing Data.....	____ LBS, SET & CHECKED
Landing Fuel	____ LBS, CHECKED
Approach Brief	(BOTH) COMPLETE

APPROACH CHECK

PM	PM
[Passenger Signs	AS REQUIRED]
[SPEED	MANUAL]
[EICAS.....	CHECKED]
[WATER DUMP (If Installed)	AS REQUIRED]
Minimums	(BOTH) BARO/RA/OFF, __ SET
Approach Freq & Course	(BOTH) SET

LANDING CHECK

PM	PM
Gear	(BOTH) DOWN RWY ____
Slat/Flap	(BOTH) ____ SET
Flight Attendants	NOTIFIED
CLEARED/NOT CLEARED TO LAND	

AFTER LANDING CHECK

SIC	SIC
[External Lights	SET]
[Slat/Flaps	0/2]
[Transponder	AS REQUIRED]
[Pitch Trim	UP 4]

PARKING CHECK

SIC	SIC
Parking Brake	(PIC) SET
[Hydraulic Pumps.....	SYS 1, 2 AUTO, 3A OFF]
[Passenger Signs	SET]
[Engine Start/Stop Selectors	STOP/OFF]
[RED BCN.....	OFF]
[Transponder.....	STBY]
[APU Bleed	IN (ON)]
[APU	OFF]
The APU should be shutdown unless needed for environmental reasons or if external power is unavailable.	
[Eng Oil Qty	> 6 QTS]
If engine oil quantity is 6 qts or less, contact MX Control	
Debrief Items	(BOTH) COMPLETE

SECURING CHECK

[Exterior Lights	SET]
[HYD PBIT (last flight < 25 hrs. remaining)	TEST]
- After the last person has de-planed -	
[Parking Brake.....	SET]
[EMER LT	OFF]
[GPU/APU.....	AS REQUIRED]
[DOME Light.....	OFF]
[EFB & Mount (as applicable).....	SHUTDOWN & REMOVE]
- After [APU OFF] msg posts in the APU EICAS window -	
[BATT 1 & 2	OFF]
[Cold Soak Preparation.....	AS REQUIRED]

TAKEOFF CHANGE CHECK

SIC	SIC
FMS Runway/SID	____ SET (PIC) SET
V-speeds	____ SET (PIC) SET
Altitude Pre-select.....	____ SET (PIC) SET
Thrust Rating.....	____ SET (PIC) SET
Pitch Trim.....	____ SET (PIC) SET
Slat/Flap.....	____ SET (PIC) SET