

Factual Report – Attachment 9
Horizon Air Q400 Normal Checklist

OPERATIONAL FACTORS/HUMAN PERFORMANCE

DCA18IA081

BEFORE START

FASTEN BELTS C On
 N numbers C/F 3 verified
 AML C/F Reviewed
 Release C All signed
 Fuel Quantity C MIN, O.B.
 FUELING ON F Dark
 Gear Pins C 2 & dark
 EFBs C/F Set/Ckd
 Pressurization F Set
 EMER LIGHTS F ARM
 FLIGHT/TAXI C TAXI
 ED Messages C Ckd
 Park Brake C PARK, ckd
 POWER Levers C DISC
 Condition Levers C FUEL OFF
 TRIMs F Set
^DFlight Plan Briefing PF Complete
^DFlight Director F Set
^DDisplays F Set
 Altimeters F/C set
^DFMS F/C Set/Ckd
^DARCDUs F Set
 IRS C NAV

PEDs C/F Set
 DOORS C Clsd & locked
^DBugs F/C set/Set
 STEERING C OFF
 DC CTRL/BUS TIE C/F All ON/Ckd
 A/COL C Red
 HYD #3 ISO VLV F Ckd
 Transponder F ON ALT

AFTER START

EXT PWR/BUS TIE F OFF
 ICE PROTECTION C (All) ON
 APU CONTROL F Dark
^DPower F/C set/Ckd
 A/F SELECT (ED) F/C Ckd
 ELEC SYS F Ckd
 HYD PRESS F Ckd
 Pumps F 4 ON
 Controls F/C Free
 STEERING C ON
^DFLAPS F/C set/ckd

BEFORE TAKEOFF

T/O WARN Test C Ckd
^DHGS C/F Set/Ckd
 Caution panel F Dark
 YD/FD F On/set
 FA F Notified
 Briefing PF Complete
 FLIGHT/TAXI F FLIGHT
 BLEEDs F MIN/On (OFF)

AFTER TAKEOFF

GEAR UP
 FLAPS UP
 Power MCL
 AUTOFEATHER Dark
 Pumps 4 dark
 BLEEDs ON, NORM

DESCENT

Pressurization PM Set
^AGPWS Flap PM set
^ABugs PM/PF set/Set
^ABriefing PF Complete
^AFMS PM/PF Set/Ckd

APPROACH

FASTEN BELTS PM On
 Altimeters PM/PF set
^AHGS C/F Set/Ckd
^ADisplays PM Set
^AARCDUs PM Set

LANDING

GEAR PM DOWN
 Pumps PM 4 on
 Condition Levers PM MAX
 FLAPS PM set
 FMS (both) PM NAV Page
 BLEEDs PM On (OFF)/MIN
 REF SPEEDS PM OFF/INCR

AFTER LANDING

FLIGHT/TAXI TAXI
 FLAPS Up
 Radar STBY

PARKING

Steering C OFF
 Transponder STBY
 TRIMs Set
 Park Brake PARK
 Controls Locked
 Condition Levers FUEL OFF
 AUX PUMPS 1 & 2 Out
 STBY HYD/PTU Out
 YD OFF
 EMER LIGHTS OFF
 FASTEN BELTS OFF
 BLEEDs OFF
 APU ON/OFF
 A/COL OFF
 ICE PROTECTION All OFF
 MAIN BUS TIE TIE
If APU ON:
 Batteries All ON
 EXT Power OFF
 APU GEN Verify ON
If APU OFF:
 EXT POWER ON
 Batteries All OFF

^DDeparture Review if departure changes

^AApproach Review if approach changes

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1000 FAA APPROVED
 MELANIE WEDDLE - DATE
 PRINCIPAL OPERATIONS INSPECTOR
 PDX CMO NM-19

ORIGINATING	DAILY SYSTEMS CHECKS
Preflight Checks.....F(C)..... Complete	Stall Warning.....C.....Ckd
Pressurization.....C.....Ckd	ADC.....C.....Ckd
Caution/Adv. Lts.....C.....Ckd	VOR.....C.....Ckd
Glareshield.....C.....Dark	Eng Fire.....F.....Ckd
ANTISKID.....F.....ON	Bag Aft/Fwd.....F.....Ckd
Standby Inst.....C.....Ckd	APU Fire.....F.....Ckd
Landing Gear.....F.....Ckd	EGPWS.....F.....Ckd
HYD. CONTROL.....F.....Dark	Autofeather.....F.....Ckd
PITCH & ROLL DISC.....C.....IN	TCAS.....F.....Ckd
FMS Database.....C/F.....Ckd	Display pwr.....C.....Cycled
EFIS Source.....F.....Both NORM	ICE PROTECTION.....C.....Ckd
Mask & Interphone.....C/F.....Ckd	
iPads.....C/F.....Set	

FMS Requirements	
FMS	2 FMS & WAAS sensors required for LPV minima and all RNP approaches 1 FMS required for all other FMS approaches.
Approach Programming	The approach shall be loaded from FMS database. Ensure same procedure on both FMSs
TEMP COMP	FMS Temp Comp required when reported OAT is: < Warmest published cold temperature restriction, or ≤ -20°C (if no temperature restrictions published)

RNP & LPV Requirements			
LPV	LPV LOS light required above PF FMS.		
RNP	• DME sensors shall be deselected on both FMSs • RNP 0.3 – Use of Flight Director required • RNP <0.3 – Use of Autopilot required		
	Max Airspeed		
	Final approach segment (RF leg segments only)	CAT C 140 KT	CAT D 165 KT
	All other approach segments	240 KT or as charted	
	Review Operator Notes for specific requirements		

FMS Approach Review		
OTS NOTAM	Verify approach is not listed in the FMS OTS NOTAM.	
Brief Approach	Brief the instrument approach chart as outlined in FOM section 10, Descent/Approach/Landing.	
Clearance Page Verification	Press FPL>MENU>CLEARANCE Verify the approach named on the CLEARANCE page of both FMSs matches chart.	
VNAV Waypoint Review (If any waypoints IAF through MAP modified)	PF	PM
	State approach waypoint names and altitudes from FMS FPL pages.	Verify each VNAV crossing altitude is at or above the charted procedure.
MFD Check	When visible on MFD, PM conducts a reasonableness check by comparing the approach chart depiction against the MFD map display.	
FMS NAV Page	Ensure FMSs are on NAV page FAF inbound.	

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