

Factual Report – Attachment 12
Horizon Air Q400 SOPs for Landing

OPERATIONAL FACTORS/HUMAN PERFORMANCE

DCA18IA081

Standard Flows for Landing for the Pilot Flying (PF) and Pilot Monitoring (PM) are shown below.

PILOT FLYING	PILOT MONITORING
Below 195 KIAS, call "Flaps 5°."	Select FLAPS 5°.
Below 195 KIAS, call "Gear down – Landing Checklist."	Select LANDING GEAR DN. Accomplish Landing Flow to the line: • Select STBY HYD and PTU – ON • Select STBY AUX PUMPS 1 and 2 – ON • Select RDC NP LDG (if used) • Select Condition Levers – MAX (1020) • Select appropriate Exterior Lights On • Select BLEED Flow Control – MIN
Below 175 KIAS, call "Flaps 10°" (optional).	Read the Landing Checklist to the line and state "To the line."
When appropriate, (below 165 KIAS), call "Flaps 15°."	Select Flaps 10° (if called for).
When appropriate – no later than 1,000' AFE, (below 155 KIAS), call "Flaps 35°" (if used).	Select FLAPS 15°. Confirm on #2 MFD.
When calling for landing flaps (15 or 35), call "Below the line." (e.g., "Flaps 35, below the line.")	Select FLAPS 35° (if used). Confirm on #2 MFD.
No later than 1,000' AFE (if aircraft operated in icing conditions):	When PF calls "Flaps (landing), below the line:"
Observe visible portions of Left/Right wing leading edges and wingtips and state "Left/Right wing contaminated" or "Left/Right wing clean."	Select BLEEDS OFF at 1,000' AFE only if required.
If contaminated, state "Ref speeds increase," or If clean, state "Ref speeds off."	No later than 1,000' AFE (if aircraft operated in icing conditions): Observe visible portions of Left/Right wing leading edges and wingtips and state "Left/Right wing contaminated" or "Left/Right wing clean."
If Solid Bug required: state "Solid Bug."	Select REF SPEEDS to OFF/INCR (as required)
Stabilize speed at appropriate bug speed by 500' AFE.	Verify Reduced NP Landing not selected if landing at Solid Bug.
	Complete the Landing Checklist and state "Landing Checklist complete."
	NOTE: <i>Landing Checklist shall be complete by 500' AFE.</i>