

Docket No. SA-531

Exhibit No. 2-Y

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

Operations Group Chairman
Colgan Q400 Normal Checklist

(2 Pages)

Q-400 NORMAL CHECKLIST

COLGAN AIR 

ORIGINATING BEFORE START

Ext Pwr/APU Voltage... ON CHECKED ___ VOLTS	C
Recirc Fan ON	C
Flight Deck Preparation COMPLETE	CR
Anti-Skid..... ON	C
Caution/Adv Lights..... CHECK	C
Gear Pins..... Stowed	CR
Gear Lever..... DOWN/3 GREEN	CR
Alt Gear Dr-L/G Inhibit Switch... CLOSED/NORM	C
Standby Inst CHECK	C
ED Messages CHECK	C
Preflight Checks COMPLETE	F

BEFORE START

Circuit Breakers..... CHECK	CR
Emergency Lights ARM	C
Escape Hatch..... CLOSED	C
Nose Steering OFF	C
Seat Belts & Shoulder Harness..... ON	CR
Yaw Damper ON	C
Fuel Qty CHECK, ___ LBS	C
HYD # 3 Pressure..... CHECK, ___ PSI	C
Emerg Brake/Pressure..... ON/CHECK	C
Power Levers DISC	C
Condition Levers FUEL OFF	C
Departure Brief COMPLETE	CR

ENGINE START

Battery Master/Main/Aux/Stby..... ON	C
Doors/Fueling Lights..... CLOSED/OUT	C
Seat Belt Sign ON	C
APU Bleed OFF	C
Lock Isolate..... OFF	C
Anti-Collision Light RED	C
Engine..... CLEAR	CR

AFTER START

Ext Pwr/APU..... OFF	C
Main Bus Tie OFF	C
Bleeds MIN/ON	C
Battery Temps..... CHECK	C
Hyd Press/Qty CHECK	C
Hyd #3 & Elevator..... CHECK	CR
Aux/PTU/Stby Pumps..... ON	C
Autofeather A/F SELECT	C
Engine Rating % SET/CHECK	C
Deice Pressure..... CHECK	F
Flaps ° SET/INDICATING	CR
Rudder travel FULL TRAVEL	C
Nose Steering ON	C
Flight/Taxi..... TAXI	C
Ice Protection..... AS REQ'D	C
Caution/Warning Lights..... CHECK	C
Flight Instr/YD/FD/Radio..... CHECK/ON/SET	CR
Altimeters SET /CROSSCHECK	CR

TAXI

Takeoff Data/Briefing..... SET/COMPLETE	CR
Condition Levers MAX	CR
Trims..... 3 SET	CR
T/O Warning..... TEST	C

BEFORE TAKEOFF

F/A Notification..... RECEIVED	F
Transponder/TCAS ON/ALT	F
Flight Controls..... CHECKED/FREE	F
Radar/Terrain..... AS REQ'D	F
Flight/Taxi FLIGHT	F
Cabin PA COMPLETE	F
External Lights ON	F

CLIMB

Landing Gear UP	PM
Flaps 0°	PM
Power..... SET	PM
Bleeds..... NORM/ON	PM
Autofeather OFF	PM
Aux/PTU/Stby Pumps OFF NORMAL	PM
Engine Temps/Press..... CHECK	PM
Ice Protection..... AS REQ'D	PM
Cabin Temp/Press..... CHECK	PM

CRUISE

Altimeters..... SET /CROSSCHECK	CR
Power..... SET	PM
Seat Belts Sign AS REQ'D	PM
Lights..... AS REQ'D	PM
Cabin Pressure..... CHECK	PM
24-Hr Ice Protection Test..... AS REQ'D	PM

IMMEDIATE RETURN

Autofeather OFF	
Speed Bugs/MDA SET	
Taxi Lights OFF	
GPWS Landing Flap Selected	

CR: Crew, C: Captain, F: First Officer, PM: Pilot Monitoring

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DESCENT

Altimeters	SET /CROSSCHECK	CR
Fuel Balance	CHECK	PM
Pressurization	SET	PM
Cabin PA	COMPLETE	PM

APPROACH

Altimeters	SET /CROSSCHECK	CR
Approach & Landing Brief	COMPLETE	CR
Bugs	SET	CR
GPWS Landing Flap	SELECTED _____°	PM
Fuel Transfer	OFF	PM
Hyd Press/Qty	CHECK	PM
Caution/Warning Lights	CHECK	PM
Seat Belts Sign	ON	PM
External Lights	ON	PM

BEFORE LANDING

Bleeds	MIN/ON	PM
Aux/PTU/Stby Pumps	ON	PM
F/A Notification	COMPLETE	PM
Landing Gear	DOWN/3 GREEN	CR
Flaps	_____° SET / INDICATING	CR
Condition Levers	MAX	CR

24-HOUR SYSTEM CHECKS

Autofeather	TEST	C
Fire Detection	TEST	C
APU	TEST	C
Baggage Smoke Wrng Aft & Fwd	TEST	C
Stall Warning 1 & 2	TEST	C
ADC 1 & 2	TEST	C
Ice Protection	TEST	C

RUDDER ACTUATOR TEST

(REF. Ops Bulletin Q400CFM-08-14)

AFTER LANDING

Radar	STBY	F
Transponder/TCAS	AS REQ'D	F
Flaps	0°	F
Control Lock	ON	F
Tank Aux Pumps 1 & 2	OFF	F
Yaw Damper	OFF	F
Flight/Taxi	TAXI	F
Anti Collision Lights	RED	F
Lights	AS REQ'D	F
Main Bus Tie	TIE	F
APU	AS REQ'D	F

PARKING

Taxi Light	OFF	C
Emerg Brake	ON	C
Stby Hyd Press & PTU Cntrl	NORM	C
Power Levers	DISC	C
Condition Levers	START/FEATHER	C
Seat Belts Sign	OFF	C
Radar	OFF	C
Nose Steering	OFF	C
Transponder	STBY	C
Bleeds	MIN/OFF	C
Ext Pwr/APU	AS REQ'D	C
Condition Levers (30 Sec)	FUEL OFF	C
Lights	AS REQ'D	C
Emergency Lights	OFF	C
Stby/Aux/Main Batteries	AS REQ'D	C
Battery Master	AS REQ'D	C

SECURING

Recirc Fan	OFF	F
Emergency Lights	OFF	F
Anti-Skid	OFF	F
Airframe Mode Select	OFF	F
Engine Intake Bypass Doors	CLOSED	F
Lights	OFF	F
FMS & Displays	OFF	F
Ext Power/APU	OFF	F
Stby/Aux/Main Batteries	OFF	F
Battery Master	OFF	F

FAA Approved


Douglas J. Lundgren, POI, FSDO EA27

Effective Date