

地上機能検査 ・ 飛行検査 点検表

－ ホンダ・エアクラフト式HA-420型－
(S/N 42000126 and after)

1. 国籍記号及び登録記号 JA
2. 航空機型式 ホンダ・エアクラフト式 HA-420型
3. 実施日 平成 年 月 日 ～ 平成 年 月 日
4. 実施場所
5. 地上機能検査及び飛行検査判定要員

注記 (1) この点検表は耐空証明検査（更新時）において使用すること。

(2) 飛行検査は昼間有視界気象状態で実施すること。

(3) 搭乗人員は必要な最少人員とすること。

準拠: Production Flight Acceptance – Test Procedures (HA-008-42043A)
Airplane Flight Manual Model HA-420 P/N HJ1-29001-003-001
HA-420 ELITE JCAB Flight Test Procedure Rev. 3 (12/21/2020)

第1部 地上機能検査

1. 実 施 日 平成 年 月 日 ～ 平成 年 月 日

2. 実 施 場 所 _____

3. 天 候 _____ 外気温度 _____℃

気 圧 _____ 風向・風速 _____

4. 地上機能検査判定要員 _____

5. 実 施 者 _____

6. 実 施 手 順

添付の「JCAB Flight Test Procedures Rev. 3」に従い、下記パラグラフの手順を実施のこと。

- PRELIMINARY EXTERIOR INSPECTION
- COCKPIT/CABIN INSPECTION
- EXTERIOR INSPECTION
- ENGINE STARTS/GROUND CHECKS

第2部 飛行検査

1. 実施日 平成 年 月 日 ～ 平成 年 月 日

2. 実施場所

離陸空港(AIRPORT) _____

着陸空港(AIRPORT) _____

実施空域 _____

3. 天 候 _____ 外気温度 _____℃

気 圧 _____ 風向・風圧 _____

4. 飛行検査時の重量

離陸重量 _____ lbs (最大離陸重量 _____ lbs)

重心位置 _____ in (許容重心位置範囲 _____ in～ _____ in)

5. B/O Time _____ T/O Time _____

L/D Time _____ B/I Time _____

Block Time _____ Flight Time _____

6. 機長名 _____

7. 飛行検査判定要員名 _____

8. 同乗者名 _____

9. 実施手順

○添付の「JCAB Flight Test Procedures Rev. 3」に従い、下記パラグラフの手順を実施のこと。

- TAKEOFF AND CLIMB CHECKS
- APPROACH AND LANDING
- HIGH ALTITUDE CHECKS (>18,000FT)

○無線通信機器の機能について別紙により点検すること。

○自動操縦装置の機能について別紙により点検すること。

ACTION	CHECK POINT	RESULT
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PRELIMINARY EXTERIOR INSPECTION

EXTERIOR		
	Wheel chocks – as required	☐ OK ☐ NG
	Engine covers removed	☐ OK ☐ NG
	Static wick covers removed (6)	☐ OK ☐ NG
	Pitot covers removed	☐ OK ☐ NG
	External Rudder Lock removed	☐ OK ☐ NG
	Aircraft Tie-Downs removed	☐ OK ☐ NG
	External Power Unit – as required	☐ OK ☐ NG

COCKPIT/CABIN INSPECTION

COCKPIT/ CABIN		
	Emergency Exit secure	☐ OK ☐ NG
	Emergency Exit Lock removed	☐ OK ☐ NG
	Check Emergency Equipment	☐ OK ☐ NG
	Gust Lock removed	☐ OK ☐ NG
	Circuit Breakers set	☐ OK ☐ NG
	Landing Gear Handle down	☐ OK ☐ NG
	Thrust Levers cut off	☐ OK ☐ NG
	Battery ON	☐ OK ☐ NG
	Verify Databases are current	☐ OK ☐ NG
	Check Fuel Quantity	☐ OK ☐ NG
	Set Parking Brake	☐ OK ☐ NG
	Check Engine Oil Quantity	☐ OK ☐ NG
	Check Hydraulic Reservoir Quantity	☐ OK ☐ NG
	Check Oxygen Quantity	☐ OK ☐ NG
	Set Trims for takeoff	☐ OK ☐ NG
	Flaps up	☐ OK ☐ NG
	Battery off	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
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EXTERIOR INSPECTION

CABIN DOOR		
	Door Seal condition	☐ OK ☐ NG
	Upper fuselage antenna condition	☐ OK ☐ NG
LEFT NOSE		
	Check windshield and side window	☐ OK ☐ NG
	Check Left Air Data Probe condition	☐ OK ☐ NG
	Check Ice Detector condition	☐ OK ☐ NG
	Secure any luggage	☐ OK ☐ NG
	Lock Baggage Door	☐ OK ☐ NG
	Oxygen Blowout Disk is green	☐ OK ☐ NG
	Nose gear door condition	☐ OK ☐ NG
	Nosewheel tire and strut condition	☐ OK ☐ NG
	Nosewheel Steering Pin Installed	☐ OK ☐ NG
	Radome condition	☐ OK ☐ NG
RIGHT NOSE		
	Radome condition	☐ OK ☐ NG
	Check Standby Air Data Probe Condition	☐ OK ☐ NG
	Check Right Air Data Probe condition	☐ OK ☐ NG
	Check Ice Detector condition	☐ OK ☐ NG
	Check windshield and side window	☐ OK ☐ NG
	Check Lower Fuselage Antennas condition	☐ OK ☐ NG
RIGHT WING		
	Check Landing Light condition	☐ OK ☐ NG
	External Power Door	☐ OK ☐ NG
	Check Ice Light (If installed)	☐ OK ☐ NG
	Check External Power door	☐ OK ☐ NG
	Verify Belly Air Inlet is clear	☐ OK ☐ NG
	Drain Center Tank Fuel Drains (3)	☐ OK ☐ NG
	Check Lower Fuselage condition	☐ OK ☐ NG
	Verify Emergency Exit is secure	☐ OK ☐ NG
	Check Engine Inlet condition	☐ OK ☐ NG
	Check T1 probe condition	☐ OK ☐ NG
	Check Engine Duct and Fan condition	☐ OK ☐ NG
	Check stall strip condition	☐ OK ☐ NG
	Verify Anti-ice Exhaust Holes are clear	☐ OK ☐ NG
	Drain Wing Tank Fwd Fuel Drain	☐ OK ☐ NG
	Check Gear Door condition	☐ OK ☐ NG
	Check Wheel, Tire and Strut condition	☐ OK ☐ NG
	Check Upper Surface and Leading Edge condition	☐ OK ☐ NG
	Check Wing Bump	☐ OK ☐ NG
	Check Wingtip Fence	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
RIGHT WING (Continued)		
	Check Lower Surface Condition	☐ OK ☐ NG
	Check Wingtip Light Assembly	☐ OK ☐ NG
	Check winglet condition	☐ OK ☐ NG
	Verify Anti-ice Exhaust Vent is clear	☐ OK ☐ NG
	Check static wicks are installed (3)	☐ OK ☐ NG
	Check Aileron, Trim Tab and Flap condition	☐ OK ☐ NG
	Drain Wing Tank Aft Fuel Drain	☐ OK ☐ NG
RIGHT NACELLE		
	Verify Anti-ice Exhaust Vent is clear	☐ OK ☐ NG
	Oil Servicing Cap and Door secure	☐ OK ☐ NG
	Engine drains are clear	☐ OK ☐ NG
	Engine Exhaust is clear	☐ OK ☐ NG
	Inboard Nacelle Access Door is closed	☐ OK ☐ NG
	Generator exhaust is clear	☐ OK ☐ NG
	Fan Air Outlet is clear	☐ OK ☐ NG
	Pylon NACA Scoop is clear	☐ OK ☐ NG
RIGHT AFT FUSELAGE		
	Check Wheel, Tire and Strut condition (left and right strut should not be more than 1.5" different)	☐ OK ☐ NG
	Check Brake wear pins	☐ OK ☐ NG
	Check Beacon condition	☐ OK ☐ NG
	Verify Fuel Vent is clear	☐ OK ☐ NG
	Hydraulic Panel check secure	☐ OK ☐ NG
	Verify Lav. Service Door is closed	☐ OK ☐ NG
	Verify ECS Heat Exchanger Exhaust is clear	☐ OK ☐ NG
	Verify Ram Air Intake is clear	☐ OK ☐ NG
	Verify Fuel Cap is installed and secure	☐ OK ☐ NG
EMPENNAGE		
	Check Vertical Tail Surface	☐ OK ☐ NG
	Check VOR Antenna condition	☐ OK ☐ NG
	Check Rudder, Trim Tab, and T-Strip condition	☐ OK ☐ NG
	Verify 3 Rudder Static Wicks are installed	☐ OK ☐ NG
	Check Position Light	☐ OK ☐ NG
	Check Speedbrake Panels	☐ OK ☐ NG
	Check Horizontal Tail Surface	☐ OK ☐ NG
	Check Logo Lights (If installed)	☐ OK ☐ NG
	Check Elevator and Trim Tabs	☐ OK ☐ NG
	Verify 4 Elevator Static Wicks are installed	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
LEFT AFT FUSELAGE		
	Verify Environmental Intake is clear	☐ OK ☐ NG
	Check Aft Fuselage Antennas	☐ OK ☐ NG
	Verify Ram Air Intake is clear	☐ OK ☐ NG
	Check Aft Baggage Compartment	☐ OK ☐ NG
	Verify Aft Baggage Door is closed and locked	☐ OK ☐ NG
	Verify Fuel Vent is clear	☐ OK ☐ NG
	Check Wheel, Tire and Strut condition (left and right strut should not be more than 1.5" different)	☐ OK ☐ NG
	Check Brake wear pins	☐ OK ☐ NG
LEFT NACELLE		
	Fan Air Outlet is clear	☐ OK ☐ NG
	Pylon NACA Scoop is clear	☐ OK ☐ NG
	Generator exhaust is clear	☐ OK ☐ NG
	Inboard Nacelle Access Door is closed	☐ OK ☐ NG
	Engine Exhaust is clear	☐ OK ☐ NG
	Engine drains are clear	☐ OK ☐ NG
	Oil Servicing Cap and Door secure	☐ OK ☐ NG
	Verify Anti-ice Exhaust Vent is clear	☐ OK ☐ NG
LEFT WING		
	Drain Wing Tank Aft Fuel Drain	☐ OK ☐ NG
	Check Aileron, Trim Tab and Flap condition	☐ OK ☐ NG
	Check static wicks are installed (3)	☐ OK ☐ NG
	Verify Anti-ice Exhaust Vent is clear	☐ OK ☐ NG
	Check winglet condition	☐ OK ☐ NG
	Check Wingtip Light Assembly	☐ OK ☐ NG
	Check Lower Surface Condition	☐ OK ☐ NG
	Check Wingtip Fence	☐ OK ☐ NG
	Check Wing Bump	☐ OK ☐ NG
	Check Upper Surface and Leading Edge condition	☐ OK ☐ NG
	Check Engine Inlet condition	☐ OK ☐ NG
	Check T1 probe condition	☐ OK ☐ NG
	Check Engine Duct and Fan condition	☐ OK ☐ NG
	Check stall strip condition	☐ OK ☐ NG
	Verify Anti-ice Exhaust Holes are clear	☐ OK ☐ NG
	Drain Wing Tank Fwd Fuel Drain	☐ OK ☐ NG
	Check Gear Door condition	☐ OK ☐ NG
	Check Wheel, Tire and Strut condition	☐ OK ☐ NG
	Check Ice Light	☐ OK ☐ NG
	Check External Power door	☐ OK ☐ NG
	Check Landing Light condition	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
CABIN DOOR		
Operate	Verify: Pressurization door seal and cables Visual indicator flags Ease of operation	☐ OK ☐ NG
EMERGENCY EXIT		
Operate	Verify ease of operation (internal)	☐ OK ☐ NG
Cockpit Seats and Restraints		
Operate	Verify: Seat secured on track and stops Seatbelts Seat adjustments Latching Armrests	☐ OK ☐ NG
CIRCUIT BREAKERS		
Visually Check	Verify: All breakers marked clearly, set, not damaged Access door operation and fit	☐ OK ☐ NG
PRIMARY FLIGHT CONTROLS		
Operate	Verify: Smooth operation stop-to-stop Proper direction of travel Rudder pedals both sides, both positions Rudder pedal adjustment	☐ OK ☐ NG
THRUST LEVERS		
Operate	Verify while moving through full range: Smooth consistent operation Positive detent feel Cut-off triggers Set to CUT-OFF	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
COCKPIT KNOBS		
Operate	Verify while moving through full range: Smooth consistent operation Positive detent feel Lubber line aligns with marking ☐	☐ OK ☐ NG
PLACARDS		
	Verify installation of: AFM required placards Radio Call-sign placard ☐	☐ OK ☐ NG
BATTERY VOLTAGE		
BATTERY: ON	Verify Voltage is ≥ 23.5 V and < 27.0 V	☐ OK ☐ NG
EXTERNAL POWER VOLTAGE		
EXTERNAL POWER: CONNECTED	Verify Voltage is > 27.0 V	☐ OK ☐ NG
PILOT INITIATED TESTS		
Select: Preflight on CDU to initiate automatic tests	Verify: FIRE indications / aural "Fire warning" Stall protection Shaker (Shakes 2x) Cockpit panel switch illumination Graphical Weight and Balance Basic Empty Weight set TOLD data matches current AFM data.	☐ OK ☐ NG
PARKING/EMER BRAKE		
PARKING BRAKE: SET	Verify: Handle operates and sets/releases easily Handle stows properly and brake pressure < 100 psi Proper indications	☐ OK ☐ NG
FLAP HANDLE		
Operate	Verify: Smooth operation Proper Indications	☐ OK ☐ NG
ICE PROTECTION		
Operate knobs and switches	Verify smooth operation	☐ OK ☐ NG
TAIL DEICE: ON	Verify aural Tail De-ice is heard	

EXTERIOR LIGHTING		
Operate each exterior light from CDU	- TAXI - LANDING - RECOGNITION (steady) - RECOGNITION (pulse) - ICE INSPECTION – left, right (if installed) - STROBES (ANTI-COLLISION) - LOGO (if installed) - BEACON (GROUND) - RECOGNITION - NAVIGATION	☐ OK ☐ NG
PITCH TRIM		
PITCH MODE: NORM	Verify:	☐ OK ☐ NG
STBY PITCH TRIM: ON	Pilot/Copilot pitch trim (tab up for nose down trim) Pilot/Copilot AFCS/TRIM MASTER interrupts trim Travel full nose up / full nose down Verify: Normal pitch trim inoperative Half of STBY PITCH TRIM switch does not move trim Move STBY PITCH TRIM from full nose up to full nose down	
STBY PITCH TRIM: NORM		
ROLL TRIM		
ROLL TRIM: NORM	Verify:	☐ OK ☐ NG
ROLL TRIM: OFF	Pilot/Copilot roll trim (left tab up right tab down) for RWD trim Pilot/Copilot AFCS/TRIM MASTER interrupts trim Run roll trim full LWD and full RWD Verify roll TRIM Inoperative	
ROLL TRIM: NORM		
YAW TRIM		
YAW TRIM: NORM	Operate yaw trim (tab right for nose-left trim) Pilot/Copilot AFCS/TRIM MASTER interrupts trim	☐ OK ☐ NG
YAW TRIM: OFF	Run yaw trim full left and full right	
YAW TRIM: NORM	Verify YAW TRIM Inoperative	

ACTION	CHECK POINT	RESULT
AUTOPILOT		
PRIMARY PITCH TRIM: STBY PRIMARY PITCH TRIM: NORM AP: ENGAGE AP: DISENGAGE USING THE FOLLOWING: • AFCS Controller AP • AP DISC/ACK (Pilot & Copilot) • Pitch Trim (Pilot & Copilot) • Roll Trim (Pilot & Copilot) • TO/GA (FD bars) • PITCH SERVO POWER • ROLL SERVO POWER • PITCH TRIM MODE STBY AFCS/TRIM MASTERS: PRESS AP: ENGAGE AFCS YAW SERVO POWER: OFF	Verify AP will not engage Hold control column Verify green AP/YD indications Verify AP disengages and YD remains, AP disc tone sounds (cancelable) Verify AP/YD disengage, tone sounds & cancels Verify YD disengages	☐ OK ☐ NG
DISPLAY REVERSION		
Pilot Reversion: REV	Verify pilot PFD/MFD transition	☐ OK ☐ NG
Copilot Reversion: REV	Verify copilot PFD transitions	
REVERSION: OFF (DARK)	Both SI's dark, normal format	
BARO/ALTITUDE		
BARO: SET PILOT BARO: CHANGE ≥ 200 ft.	Verify match ± 100 ft Verify amber altitude preselect and altitude alerter sounds	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
PREFLIGHT STATUS		
STATUS PAGE: DISPLAY EXTERNAL DOORS: OPEN/CLOSE • Forward Baggage Door • Electrical service doors (left and right) • Aft baggage door • Main entry door • Emergency exit door • External power door	Verify: Solid State Relays NORMAL Fire bottle indications NORMAL Engine Oil Quantity NORMAL Verify proper indications (STATUS page / CAS message)	☐ OK ☐ NG
FLUID QUANTITIES		
STATUS PAGE: DISPLAY FUEL SYNOPTIC PAGE: DISPLAY	Verify HYD QTY 75%-100% Verify FUEL QTY	☐ OK ☐ NG Temp°C Fuel(lbs)
FUEL		
FUEL SYNOPTIC PAGE: DISPLAY L(R)FUEL PUMP: ON L(R)FUEL PUMP: OFF FUEL CROSSFEED: L AND R FUEL CROSSFEED: NORM	Verify proper operation Verify proper operation	☐ OK ☐ NG
FIREWALL SHUTOFF		
ENGINE FIRE SWITCHES: PUSH ENGINE FIRE SWITCHES: RESET	(Caution: Do not push FIRE EXT PUSH) Verify: FIRE EXT PUSH switch illuminates FUEL SOV CLOSED CAS posts Verify: FUEL SOV CLOSED CAS clears	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
COCKPIT LIGHTING		
	Check the following: • All instruments, controls, and panels adequately illuminated • Text legible with uniform color and balance • Verify no light bleeds on illuminated panels • Balance displays backlight levels • Cycle Master / Individual Panel dimmers through full range • Day / Night switch • MAP light and Dome Light • FOOTWELL, NO SMOKING, FASTEN SEATBELTS	☐ OK ☐ NG

ENGINE STARTS/GROUND CHECKS

RIGHT ENGINE START		
EXTERNAL POWER: CONNECT	Verify bus voltage is >27 volts	☐ OK ☐ NG
ELECTRICAL PAGE: DISPLAY	Verify proper power distribution	Peak ITT ($\leq 556^{\circ}\text{C}$)
RH ENGINE: START PER AFM		_____ $^{\circ}\text{C}$
LEFT ENGINE START		
LH ENGINE: START PER AFM		☐ OK ☐ NG
EXTERNAL POWER: DISCONNECT	Verify proper power distribution	Peak ITT ($\leq 556^{\circ}\text{C}$)
		_____ $^{\circ}\text{C}$

ACTION	CHECK POINT	RESULT
PNEUMATIC AND ENVIROMENTAL SYSTEMS		
ENVIROMENTAL PAGE: DISPLAY INFLOWS: OFF 1 AT A TIME INFLOWS: ON BLEEDS: OFF 1 AT A TIME BLEEDS: ON COCKPIT/CABIN TEMP MODE: NORMAL COCKPIT/CABIN TEMP: MAX COCKPIT/CABIN TEMP: MIN COCKPIT/CABIN TEMP MODE: MANUAL COCKPIT/CABIN DUCT TEMP MODE: WARMER COCKPIT/CABIN DUCT TEMP MODE: COOLER COCKPIT/CABIN TEMP MODE: NORMAL COCKPIT CABIN FAN: MANUAL COCKPIT CABIN FAN: NORMAL	Verify proper valve movement Verify proper valve movement Verify duct temperature increases Verify duct temperature decreases Verify duct temperature increases Verify duct temperature decreases Cycle through each fan speed in the cockpit and the cabin.	☐ OK ☐ NG
ELECTRICAL SYSTEM		
ELECTRICAL PAGE: DISPLAY	Verify data displayed is green	☐ OK ☐ NG
FUEL SYSTEM		
FUEL PAGE: DISPLAY	Verify correct fuel used	☐ OK ☐ NG
HYDRAULIC SYSTEM		
HYDRAULIC PAGE: DISPLAY	Verify no amber or red indications. (no CAS)	☐ OK ☐ NG

ICE PROTECTION		
WING A/I: ON ENGINE A/I: ON WING FLOW: NORM TAIL DE-ICE: ON WING FLOW: L THEN R WING FLOW: NORM WINDSHIELD HEAT: OFF WINDSHIELD HEAT: NORM	Verify valve movement on ICE synoptic page, proper operation and indications. Verify proper valve movement. Verify zones white when OFF and CAS message. In NORM, green and no CAS	☐ OK ☐ NG
ALTIMETRY		
LOCAL ALTIMETER SETTING: SET	Verify altitudes ± 50 ft of known altitude and each other	☐ OK ☐ NG LH _____ ft Δ RH _____ ft Δ STBY _____ ft Δ
ENGINE CHARACTERISTICS		
THRUST LEVERS: IDLE L(R)THRUST LEVER: 30 SECONDS TO TAKEOFF THRUST L(R) THRUST LEVER: 30 SECONDS TO IDLE L(R) THRUST LEVER: SLAM TO T.O. L(R) THRUST LEVER: SLAM TO IDLE Repeat for other thrust lever	Verify Fuel Pressure ≥ 3 PSIG Stabilize 3 minutes Verify Fuel Pressure ≥ 9 PSIG @T.O. Verify no abnormal indications	☐ OK ☐ NG ☐ OK ☐ NG
TAKEOFF CONFIG WARNING		
PARKBRAKE: RELEASE Select item below outside allowable takeoff setting, sequentially: - Pitch trim outside green band, cyan CAS - Flaps LDG, cyan CAS - Speedbrake EXT (if installed), cyan CAS THRUST LEVERS: ADVANCE TO T.O. ONE AT A TIME PARKBRAKE: SET	Verify NO TAKEOFF CONFIG CAS and aural alert.	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
FLIGHT CONTROLS		
FLIGHT CONTROL CHECK	Elevator, aileron, and rudder move smoothly through full range Cycle flaps, proper indications, set for takeoff	☐ OK ☐ NG
SPEEDBRAKE: EXTEND LR THRUST LEVER: T.O. ONE AT A TIME	Verify proper indications and speedbrake retracts a 80% N1	
TAXI		
PARK BRAKE: RELEASE	Verify: Taxi light "ON" when Parking Brake released	☐ OK ☐ NG
TAXI	Aircraft tracks straight NWS operation Normal brakes both sides Emergency brakes	

TAKEOFF AND CLIMB CHECKS

COMPASS CHECK		
Position aircraft to T/O RWY Heading or any equivalent	Verify heading ±4 deg. of known heading and each other	☐ OK ☐ NG LH ° Δ RH ° Δ STBY ° Δ
TAKEOFF		
CONDUCT A TAKEOFF PER THE AFM (All parameter must be Normal)	Verify strobe and landing lights come ON and Pre-pressurization bump does not exceed 1100 fpm	☐ OK ☐ NG _____ fpm
INITIAL CLIMB		
	Verify cabin rate is no more than +500 fpm or less than -300 fpm, landing gear retracts, YD engages automatically, landing gear de-clutters from the ASI after 30 seconds, landing lights extinguish and recognition lights illuminate	☐ OK ☐ NG
FLIGHT DISPLAYS		
Observe	Verify: Pilot, Copilot and STBY airspeed agree within 2 KIAS Pilot, Copilot and STBY altimeters agree within 50 ft Pilot, Copilot and STBY headings agree within 2 degrees	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
TRIM AND RIGGING		
AIRSPEED: 220 YD: OFF WING FUEL: BALANCED	Verify: Yokes are within 2 degrees of level Roll and Yaw trim indications would be within the green band (the green band is only shown on the ASI on the ground)	☐ OK ☐ NG
270KT VIB. AND BUFFETT		
AIRSPEED: 270 KIAS	Verify: No buffet, excessive vibration, or unusual sounds up to VMO	☐ OK ☐ NG
250KT SPEEDBRAKE		
AIRSPEED: 250 KIAS AP/YD: OFF THRUST LEVERS: BELOW AUTO RETRACT SPEED SPEED BRAKE: EXTEND CONTROL WHEEL: RELEASE AIRSPEED: DECELERATE TO 200 KIAS	Verify: Bank angle is less than 10 degrees after 5 seconds No objectionable yaw Proper ASI indications (you may retake a hold of the control wheel)	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
200KT SPEEDBRAKE		
AIRSPEED: 200 KIAS CONTROL WHEEL: RELEASE	Verify: Bank angle is less than 10 degrees after 5 seconds No objectionable yaw Proper ASI indications	☐ OK ☐ NG
SPEEDBRAKE: RETRACT		
195KT FLAP ROLL		
AP/YD: OFF FLAPS: TO/APP AIRSPEED: 195 KIAS CONTROL WHEEL: RELEASE	Verify bank angle is less than 10 degrees after 5 seconds and proper indications on the ASI	☐ OK ☐ NG
155KT FLAP ROLL		
AP/YD: OFF FLAPS: LANDING AIRSPEED: 155 KIAS CONTROL WHEEL: RELEASE	Verify bank angle is less than 10 degrees after 5 seconds and proper indications on the ASI	☐ OK ☐ NG
FLAPS: UP		
UNDERSPEED PROTECTION	(If installed)	
AP/YD or FD: ENGAGED AIRCRAFT: DECELERATE	Verify aural airspeed alert, amber MIN SPD alert on top of airspeed tape, a pitch limit indication (feathers), aircraft pitches down and wings level, vertical and lateral modes are white on FMA	☐ OK ☐ NG

STALL WARNING		
ADC: BOTH ON 1(2) AC WEIGHT: 8,800-9,800 LBS FUEL IMBALANCE <100 LBS ALTITUDE: 12,000 TO 17,500 FLAPS: UP GEAR: UP YD: ON ESP: OFF TRIM SPEED: 130 KIAS THRUST LEVERS: IDLE AND DECELERATE AT 1 KT/SEC <		

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ACTION	CHECK POINT	RESULT																					
CRUISE CHECKS																							
ALTITUDE: 12,000 TO 17,500 WING AI: NORM TAIL AI: NORM ENGINE AI: OFF BLEEDS: NORM	Verify: P/CP KIAS within 2 knots P/CP Mach within 0.005 M P/CP SAT within 1 degree C P/CP ISA within 1 degree C L/R ITT <810 degrees C L/R ITT within 20 degrees N2 within 1.5% <table border="1"> <thead> <tr> <th></th><th>P/L</th><th>CP/R</th></tr> </thead> <tbody> <tr> <td>KIAS</td><td></td><td></td></tr> <tr> <td>Mach</td><td></td><td></td></tr> <tr> <td>SAT</td><td></td><td></td></tr> <tr> <td>ISA</td><td></td><td></td></tr> <tr> <td>ITT</td><td></td><td></td></tr> <tr> <td>N2</td><td></td><td></td></tr> </tbody> </table> No amber or red on synoptic pages		P/L	CP/R	KIAS			Mach			SAT			ISA			ITT			N2			☐ OK ☐ NG
	P/L	CP/R																					
KIAS																							
Mach																							
SAT																							
ISA																							
ITT																							
N2																							
WING ANTI ICE																							
WING A/I: ON ENGINE A/I: ON WING FLOW: NORM TAIL DE-ICE: ON WING FLOW: L THEN R WING FLOW: NORM WINDSHIELD HEAT: OFF WINDSHIELD HEAT: NORM STALL WARNING ICE ADVANCE: RESET	Verify valve movement on ICE synoptic page, proper operation and indications. Verify proper valve movement. Verify zones white when OFF and CAS message. In NORM, green and no CAS.	☐ OK ☐ NG																					
COMMUNICATION																							
	Verify that all VHF communications systems work in the air	☐ OK ☐ NG																					
ADS-B IN																							
TRAFFIC PAGE: DISPLAY	Verify: ADS-B targets display and can be interrogated	☐ OK ☐ NG																					

ACTION	CHECK POINT	RESULT
PRESSURIZATION		
PRESSURIZATION CONTROL MODE: HOLD PRESSURIZATION CONTROL MODE: NORM Climb to 15,000 – 16,500 ft ENGINE BLEED: OFF (one at a time) ENGINE BLEED: NORM OXYGEN MASKS: DON CABIN DUMP: DUMP CABIN INFLOWS: OFF CABIN DUMP: NORM CABIN INFLOWS: NORM CABIN INFLOWS: OFF CABIN INFLOWS: NORM OXYGEN MASKS: STOW	Verify after 2000 ft of climb that the cabin altitude remains constant Verify cabin remains pressurized Verify: DUMP is displayed on MFD Cabin climbs to 13,500 ± 500 ft Verify: Oxygen masks drop 14,500 ± 500 ft CABIN OXYGEN ON CAS posts Descent cabin below 10,000ft Verify: CABIN ALT HIGH CAS posts 10,000 ft -0/+500 ft CABIN ALTITUDE aural interval is approximately 30 sec Verify: CABIN ALT HIGH CAS clears when cabin altitude is <10,000 ft	☐ OK ☐ NG _____ ft _____ ft _____ ft _____ ft

ACTION	CHECK POINT	RESULT
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APPROACH AND LANDING

APPROACH REFERENCE CUE		
LANDING GEAR: DN FLAPS: LDG AIRSPEED: VREF	Verify approach reference cue matches Vref ± 3 knots	☐ OK ☐ NG
LANDING GEAR WARNING		
LANDING GEAR: UP FLAPS: LDG	Verify LANDING GEAR aural activates and cannot be cancelled	☐ OK ☐ NG
BARO MINIMUMS		
BARO MINS: ENTER	Verify MINIMUMS aural sounds at DA	☐ OK ☐ NG
PRESSURIZATION		
During Landing	Verify no objectionable pressure bump on landing	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
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HIGH ALTITUDE CHECKS (> 18,000 FT)

AVIONICS OPTIONS		
Flight Charts Jepp View Synthetic vision Cockpit Iridium Enhanced Checklists IFR/VFR Charts Flight Stream 510 XM radio	Verify installed options function properly	☐ OK ☐ NG
CABIN OXYGEN SYSTEM		
ALTITUDE: FL350-FL430 CABIN OXYGEN: DROP MASKS CABIN OXYGEN: OFF	Verify: Masks drop Cyan CABIN OXYGEN ON CAS posts	☐ OK ☐ NG
ENGINE HANDLING		
ALTITUDE: FL410-FL430 THRUST LEVERS: MCT AI: NORM OR OFF ENGINE BLEEDS: NORM L(R) THRUST LEVER: RETARD RAPIDLY TO IDLE L(R): THURST LEVER @92% N1 SELECT MCT RAPIDLY Repeat for other engine	Verify: No compressor stalls or abnormal engine indications.	☐ OK ☐ NG ☐ OK ☐ NG
PRESSURIZATION		
ALTITUDE: FL410-FL430 L(R) ENGINE BLEED: OFF Repeat for other bleed	Verify: Cabin altitude is <8100 ft Cabin delta P is between 8.4 and 8.9 Verify: Cabin altitude and delta P still fall within the parameters listed above	☐ OK ☐ NG _____ ft _____ psi ☐ OK ☐ NG _____ ft _____ psi
ALTIMETERS		
ALTITUDE: FL410-FL430 AIRSPEED: ≥0.55M	Verify: P/CP altitude is ±100 ft Standby altitude is ±175 ft	☐ OK ☐ NG _____ ft _____ ft _____ ft

ACTION	CHECK POINT	RESULT
MMO DESCENT		
AIRSPEED: MMO	Verify aircraft is free from buffet, excessive vibration, unusual sounds and excessive air noise	☐ OK ☐ NG
SPEED BRAKE (IF INSTALLED)		
AIRSPEED: MMO AP: OFF YD: ON THRUST LEVERS: BELOW AUTO RETRACT SPEED SPEED BRAKE: EXTEND CONTROL WHEEL: RELEASE	Verify: Bank angle is less than 10 degrees after 5 seconds No objectionable yaw Proper ASI indications	☐ OK ☐ NG
SPEEDBRAKE: RETRACT		
TRIM AND RIGGING		
ALTITUDE: FL330-FL350 AIRSPEED: MH (<MMO) AP: OFF YD: ON WING FUEL: BALANCED	Verify: Yokes are within 2 degrees of level Roll and Yaw trim indications should be within the green band (the green band is only shown on the ASI on the ground)	☐ OK ☐ NG

ENGINE HANDLING		
ALTITUDE: FL330-FL350 THRUST LEVERS: MCT AI: NORM OR OFF ENGINE BLEEDS: NORM L(R) THRUST LEVER: RETARD RAPIDLY TO IDLE L(R) THURST LEVER @92% N1 SELECT MCT RAPIDLY	Verify: No compressor stalls or abnormal engine indications.	☐ OK ☐ NG
Repeat for other engine		☐ OK ☐ NG
ENGINE SYNC		
THRUST LEVERS: MCT THRUST LEVERS: RETARD	Verify: SYNC posts on ASI when thrust is < MCT and N1's match ±0.2%	☐ OK ☐ NG

ACTION	CHECK POINT	RESULT
EMI	Throughout flight verify no EMI/RFI noted during aircraft operations	
		☐ OK ☐ NG