

Docket No. SA-533

Exhibit No. 2-X

**NATIONAL TRANSPORTATION SAFETY BOARD**

**WASHINGTON, D.C.**

ATR 42 Normal Checklist

(3 Pages)

ATTACHMENT

23

# ATR 42 NORMAL CHECKLIST

## BEFORE START CHECKLIST

Preflight Inspections ..... COMPLETE F  
 Log Book ..... ONBOARD C  
 Gear Pins ..... ONBOARD F  
 Radios and RMIs ..... SET CR  
 Altimeters ..... SET CR  
 Fuel Pumps ..... ON C  
 Stby Pitot ..... ON F  
 Memo Panel ..... CHECKED F  
 T.O. Brief / Bugs ..... COMPLETE PF

### Complete To Line

Steering ..... ON C  
 Tail Stand ..... ONBOARD F  
 Parking Brake ..... SET C  
 Doors ..... CLOSED C  
 Belts/Harness ..... ON CR  
 Beacon ..... ON C  
 Prop Brake ..... OFF C  
 Start Selector ..... START C

## AFTER START CHECKLIST

Start Selector ..... OFF / START / ABORT C  
 Anti-Ice ..... AS REQ'D C  
 Overboard Valve ..... AUTO F  
 Flaps ..... 15 F  
 Recirc Fans ..... AS REQ'D F  
 Transponder ..... AS REQ'D F  
 FDEP ..... CKD F  
 External Power ..... REMOVED F  
 Condition Levers ..... MAX RPM C

## TAXI CHECKLIST

Brakes ..... CHECKED CR  
 Flight/Engine Instruments ..... CKD/SET CR  
 AFCS ..... SET F  
 Terrain Mode ..... AS REQ'D CR  
 Trims ..... SET CR  
 T.O. Config ..... TESTED F  
 Final T.O. Brief/Speeds ..... COMPLETE PF

## TAKEOFF CHECKLIST

Flight Controls ..... FREE CR  
 Start Selector ..... CONT RELIGHT C  
 CCAS ..... TO INHIBIT C  
 Radar ..... ON F  
 TCAS/Transponder ..... ON F  
 Bleeds ..... OFF F  
 Rudder Cam ..... CENTERED C  
 Flight Director Bars ..... CENTERED ON RWY \_\_\_ CR  
 Lights ..... ON C

## AFTER TAKEOFF CHECKLIST

Start Selector ..... OFF / START / ABORT PNF  
 Bleeds ..... ON PNF  
 Pwr Mgt ..... CLB PNF  
 Landing Gear ..... UP PNF  
 Flaps ..... UP PNF

## CRUISE CHECKLIST

Landing Lights ..... OFF C  
 Pwr Mgt ..... CRZ PNF  
 CRZ TQ ..... SET PNF  
 Anti-Ice ..... AS REQ'D C

## DESCENT CHECKLIST

Anti-Ice ..... AS REQ'D C  
 Altimeters ..... SET CR  
 CCAS ..... RCL / CLR C  
 Belts/Harness ..... ON CR

## APPROACH CHECKLIST

Lights ..... ON C  
 Cabin Altitude ..... SET PNF  
 Flight Instruments/Radios ..... CKD / SET CR  
 Approach Brief / Bugs ..... COMPLETE PF

## LANDING CHECKLIST

Start Selector ..... CONT RELIGHT PNF  
 Pwr Mgt ..... TO PNF  
 Icing AOA ..... AS REQ'D C  
 Landing Gear ..... DOWN/CONFIRMED CR  
 Flaps ..... SET PNF  
 CLs ..... MAX RPM PNF

## AFTER LANDING CHECKLIST

Start Selector ..... OFF / START / ABORT F  
 Lights/Strobes ..... OFF F  
 Gust Lock ..... ENGAGED F  
 Flaps ..... UP F  
 Radar ..... OFF F  
 TCAS/Transponder ..... AS REQ'D F  
 Trims ..... SET F

### IF SINGLE ENGINE TAXI

Timer (1 minute) ..... START F  
 CL 1 or 2 ..... FEATHER THEN FUEL SO C

## PARKING CHECKLIST

Taxi Light ..... OFF C  
 Brakes ..... SET C  
 Engine Test (last flight of the day) ..... CKD C  
 CLs ..... FEATHER C  
 Stick Pusher (last flight of the day) ..... CKD C  
 Anti-Ice ..... OFF F  
 Oxygen ..... OFF F  
 Smoke Detectors ..... OFF F  
 Overboard Valve ..... AS REQ'D F  
 Transponder ..... STBY F  
 EFIS/Radios ..... OFF CR  
 CLs ..... FUEL S.O. C

## QUICK TURN CHECKLIST

Taxi Light ..... OFF C  
 Brakes ..... SET C  
 Anti-Ice ..... AS REQ'D C  
 CLs ..... FEATHER C  
 CL #1 ..... FUEL SO C  
 Prop Brake ..... ON C  
 Beacon ..... OFF C  
 Tail Stand ..... INSTALLED F  
 Complete turn items below the line on the Acceptance Checklist Without External Power

## SECURING CHECKLIST

Fuel Pumps ..... OFF C  
 Lights ..... OFF C  
 Brakes ..... OFF C  
 External Power / Battery ..... AS REQ'D C  
 Tail Stand/Prop Ties/Fuel Panel ..... INSTALLED/SET F

## BALKED LANDING CHECKLIST

Start Selector ..... AS REQ'D PNF  
 Taxi Light ..... OFF PNF  
 Pwr Mgt ..... AS REQ'D PNF  
 Landing Gear ..... UP PNF  
 Flaps ..... AS REQ'D PNF  
 Flight Instruments / Radios ..... CKD / SET CR  
 .....  
 Approach Brief / Bugs ..... COMPLETE PF

C CAPTAIN CR CREW  
 F FIRST OFFICER PF PILOT — FLYING  
 PNF PILOT NOT FLYING • TURN ITEMS

# ATR 42 NORMAL CHECKLIST

## ACCEPTANCE CHECKLIST WITH EXTERNAL POWER

- Log Book ..... CKD/ON BOARD C
- Gear Pins ..... ON BOARD F
- Tail Stand ..... INSTALLED F
- C/Bs ..... CKD F
- Emergency Equip ..... CKD F
- Batteries & Voltages ..... ON/CKD F
- External Power ..... ON F
- Ann Lights ..... CKD F
- Overboard Valve ..... AS REQ'D F
- Oxygen ..... CKD F
- Smoke Detectors ..... CKD/ON F
- Isolation Valve ..... CKD F
- Engine Fire ..... CKD F
- Emer Loc Xmtr ..... CKD F
- Hydraulic System ..... CKD F
- ACW Power ..... CKD F
- Prop Brake ..... OFF F
- Start Selector ..... OFF/START/ABORT F
- CVR ..... CKD F
- Fuel Pumps ..... CKD/OFF F
- Radios ..... CKD F
- Anti Skid ..... CKD F
- Brake Temp ..... CKD F
- Landing Gear ..... DOWN F
- Cabin Press ..... CKD F
- Extract Air Flow ..... OPEN F
- EFIS ..... CKD CR
- EFIS Switching ..... CKD CR
- Masks ..... CKD CR
- Voltages ..... CKD C
- Steering ..... ON C
- TAWS ..... CKD C
- Standby Inst ..... CKD/SET C
- Power Manage ..... T.O. C
- CAP ..... CKD/CLR C
- Fuel Quantity ..... CKD C
- Fuel Used ..... RESET C
- Radar ..... STBY C
- TCAS/Transponder ..... CKD C
- Parking Brake ..... SET C
- Gust Lock ..... ENGAGED C
- Engine Levers ..... CKD C
- Flaps ..... CKD C
- Idle Gate ..... CKD C
- Emer Audio Cncl ..... CKD C
- T.O. Config ..... CKD C
- Trims ..... CKD C
- FDEP ..... SET C
- Engine Test ..... CKD C

## HOTEL MODE START / PUSHBACK

- Log Book ..... CKD/ON BOARD C
- Prop Brake ..... ON C
- #2 Fuel Pump ..... ON C
- Start Selector ..... START C
- Engine #2 ..... START C
- Start Selector ..... OFF / START / ABORT C
- External Power ..... REMOVED F
- Steering "Pushback Only" ..... OFF C

## ACCEPTANCE CHECKLIST WITHOUT EXTERNAL POWER

- Log Book ..... CKD/ON BOARD C
- Gear Pins ..... ON BOARD F
- Tail Stand ..... INSTALLED F
- C/Bs ..... CKD F
- Emergency Equip ..... CKD F
- Batteries & Voltages ..... ON/CKD F
- Parking Brake ..... SET F
- Gust Lock ..... ENGAGED F
- Engine Levers ..... CKD F
- Flaps ..... CKD F
- Landing Gear ..... DOWN F
- Prop Brake ..... AS REQ'D F
- Engine Fire ..... CKD F
- Fuel Pumps ..... CKD/ON C
- Beacon ..... AS REQ'D C
- Start Selector ..... START C
- Start Engine #2 ..... START C
- Start Selector ..... OFF/START/ABORT C
- ..... Complete to the Line .....
- Ann Lights ..... CKD F
- Overboard Valve ..... AS REQ'D F
- Oxygen ..... CKD F
- Smoke Detectors ..... CKD/ON F
- Isolation Valve ..... CKD F
- Emer Loc Xmtr ..... CKD F
- Hydraulic System ..... CKD F
- ACW Power ..... CKD F
- CVR ..... CKD F
- Radios ..... CKD F
- Anti Skid ..... CKD F
- Brake Temp ..... CKD F
- Cabin Press ..... CKD F
- Extract Air Flow ..... OPEN F
- EFIS ..... CKD CR
- EFIS Switching ..... CKD CR
- Masks ..... CKD CR
- Steering (Pushback only OFF) ..... ON C
- TAWS ..... CKD C
- Standby Inst ..... CKD/SET C
- Power Manage ..... T.O. C
- CAP ..... CKD/CLR C
- Fuel Quantity ..... CKD C
- Fuel Used ..... RESET C
- Radar ..... STBY C
- TCAS/Transponder ..... CKD C
- Idle Gate ..... CKD C
- Emer Audio Cncl ..... CKD C
- T.O. Config ..... CKD C
- Trims ..... CKD C
- FDEP ..... SET C
- Engine Test ..... CKD C

*Manuals and Certificates		†Emergency Equipment
1. Registration	9. Checklists - Normal & Emergency	1. Oxygen Bottle/Masks
2. Radio Station License	10. HMM	2. Escape Rope
3. Airworthiness Certificate	11. Aircraft Performance Data	3. First Aid Kit
4. Airplane Flight Manual	12. PPM	4. Crash Axe
5. Fueling Manual	13. GPS Pilot's Guide	5. Life Vests
6. Deicing Manual	14. Emergency Response Guide book	6. Fire Extinguishers
7. MEL	15. Refractometer	7. Flashlights
8. PCAS Pilot's Guide		8. PBE
		9. EVAS

FAA APPROVED

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