

Checklist & Procedures

ATR 42/72-600

COCKPIT PREPARATION

BATTERY ON
EXT POWER (IF AVAIL) ON
EFB > AIRCRAFT > GROUND POWER
COCKPIT LIGHTS AS REQUIRED
STBY COMPASS OFF
WIPERS OFF
FUEL PUMPS & X FEED CHECK / TEST
DOORS CHECK
LDG GEAR DOWN, 3 GREENS
TLU GUARDED & AUTO
MFC LIGHTS EXTINGUISHED
ENGINE 1 FIRE TESTS PERFORM
FIRE LOOP TEST, FIRE WARNING TEST, SQUIB TEST
NAV LIGHTS ON
HYDRAULIC PWR ON
PROP BRAKE ON & GUARDED
PUSH AUX HYD PUMP AND WAIT FOR READY LIGHT
ENG START SELECTOR OFF & START ABORT
DC GEN 1 & 2 ON
DC SVCE UTLY BUS ON
SEAT BELTS SIGN ON
EMERGENCY EXIT LIGHTS ARM
WINDSHIELD HTG L & R ON
ACW GEN 1 & 2 ON
COCKPIT & CABIN TEMPS AS REQUIRED
OXYGEN MAIN SUPPLY ON
COMPT SMK TEST PERFORM
RESET EXHAUST MODE BACK TO NORMAL
ENGINE 2 FIRE TESTS PERFORM
FIRE LOOP TEST, FIRE WARNING TEST, SQUIB TEST
ATPCS TEST
TRIMS NEUTRAL
EWD CLR BUTTON PRESS
IDLE GATE PULLED
PARKING BRAKE SET
GUST LOCK ENGAGED
POWER LEVERS GROUND IDLE
CONDITION LEVERS FUEL SHUTOFF
FLAPS RETRACTED
WXR RADAR STBY
POWER MGT TO
LANDING GEAR HANDLE DOWN
CABIN PRESS PANEL CHECK
FGCP PANEL SETUP
SET RWY HDG, BRG 1 & 2, ALT SEL
COM, NAV & SURV SET / CHECK
SET FLIGHT PLAN, FUEL AND PAYLOAD IN EFB
MCDU SETUP

FINAL COCKPIT PREPARATION

DEPARTURE BRIEFING REVIEW

ELECTRONIC CHECKLIST:**FINAL COCKPIT PREPARATION 1/2 COMPLETE****FINAL COCKPIT PREPARATION 2/2:**

PARKING BRAKE ENGAGED / PRESS CHECK
ALTIMETERS SET & CHECK
LANDING ELEVATION CHECK
FMS / COM / NAV SET
FUEL QTY / FOB CHECK
ENG FUEL USED RESET
MEMO PANEL CHECK
PWR MGT TO

HOTEL MODE

SERVICE DOOR CLOSED
ENG 2 FUEL PUMP RUN
PROP BRAKE CONFIRM ON
ENG START SELECTOR START A & B
ENG START 2 ON
NH > 10%, ENG 2 CONDITION LVR FTR
ENG START SELECTOR OFF & START ABORT
EXT POWER OFF
EFB > AIRCRAFT > REMOVE GROUND POWER

BEFORE PROPELLER ROTATION

**CONFIRM T / O DATA ON MFD PERF PAGE
RECEIVE PUSH AND START CLEARANCE**EFB > AIRCRAFT > DOORS CLOSED, TAIL PROP REMOVED,
GROUND POWER REMOVED, CHOCKS REMOVED

CDLS ON
FMS & T / O DATA CONFIRMED
TRIMS (3 AXES) SET
TAIL PROP ON BOARD
DOORS CLOSED
SEAT BELTS ON
BEACON ON

Checklist & Procedures

ATR 42/72-600

ENGINE START

PROP BRAKE OFF & GUARDED
PUSH AUX HYD PUMP AND WAIT FOR READY LIGHT
NP > 10%, ENG 2 CONDITION LVR AUTO
ENG START SELECTOR START A & B
ENG 1 FUEL PUMP RUN
ENG START 1 ON
NH > 10%, ENG 1 CONDITION LVR FTR
NP > 10%, ENG 1 CONDITION LVR AUTO
ENG START SELECTOR OFF & START ABORT
PROBES HTG ON
TRANSPONDER ON

BEFORE TAXI

FWS RCL
COCKPIT COM HATCH CLOSED
CL 1 + 2 AUTO
ANTI-ICING AS RQRD
TRU ON & CHECK
ANTI-SKID TEST PERFORMED
FLAPS 15°
NWS ON

TAXI

TAXI & T.O LIGHTS ON
BRAKES CHECK
FGCP / FMA SET / CHECK
SPEED AUTO, HDG SEL, LNAV ARMED, IAS MODE,
VNAV IAS ARMED
TO CONFIG TEST PERFORMED

BEFORE TAKEOFF

TAKEOFF BRIEFING PERFORM
GUST LOCK OFF
FLIGHT CONTROLS CHECK
XPDR / TCAS CHECK
AIR FLOW NORM

BEFORE TAKEOFF – CTD.

CABIN CREW ADVISED
ENG BLEED AS RQRD
EXT LIGHTS ON
LATERAL FD BAR CENTER
RUDDER CAM CENTER

TAKEOFF

PARKING BRAKE DISENGAGE
TOE BRAKES APPLY
POWER LEVERS NOTCH
TOE BRAKES RELEASE
ELEVATOR CONTROL ROTATE AT VR

AFTER TAKEOFF

LDG GEAR UP
FLAPS 0°
PWR MGT / NP CLB / CHECK
ENG BLEED ON
TAXI & T.O LIGHTS OFF

ALTIMETERS SET & CHECK

PASSING 10000 FT

LANDING LIGHTS OFF
SEAT BELTS AS REQUIRED
ANTI-ICE AS REQUIRED

CRUISE

POWER MGT CRZ
NAV AIDS AS REQUIRED
SEAT BELTS AS REQUIRED

MONITOR FLIGHT
CHECK WEATHER

PREPARE FOR APPROACH ~40NM BEFORE TOD

→ MCDU → PERF → APPROACH PAGE

Checklist & Procedures

ATR 42/72-600

DESCENT

FWS RCL
LDG ELEVATION CHECK
FMS (NAV / PERF) SET & CHECK
DH / MDA SET & CHECK
ARRIVAL BRIEFING PERFORM

PARKING

PARKING BRAKE ENGAGED
TAXI & T.O LIGHTS OFF
CL 2 FTR
BEACON OFF
XPDR STBY
TAIL PROP ON POSITION
SEAT BELTS OFF

APPROACH

PASSING 10000 FT

SEAT BELTS ON
LANDING LIGHTS ON
ANTI-ICE AS REQUIRED

ALTIMETERS SET & CHECK
CABIN ALTITUDE CHECK

IF NEW LEG

RESTART CHECKLIST FINAL COCKPIT PREP.

BEFORE LANDING

CABIN CREW ADVISED
LDG GEAR 3 GREENS
FLAPS CHECK
PWR MGT TO
TLU LO SPEED CHECK
ICING AOA LIGHT AS RQRD
EXT LIGHTS ON

LEAVING AIRCRAFT

OXYGEN MAIN SUPPLY OFF
ICE & RAIN PROTECTION OFF
EXT LIGHTS OFF
EMER EXIT LIGHT DISARM
RADAR OFF
CL 2 FUEL SO
FUEL PUMPS 1 + 2 OFF
CDLS OFF
EXT PWR OFF
BAT OFF

AFTER LANDING

RADAR STBY
FLIGHT CONTROLS LOCKED
FLAPS 0°
TRIMS (3 AXES) RESET
LAND & STROBE LIGHTS OFF
ANTI- / DE-ICING OFF
PROBES HTG OFF
TRU OFF

AFTER AT LEAST 2 MIN

CL 1 FTR THEN FUEL SO

WEIGHT LIMITATIONS

ATR 46-600

MAX TAKEOFF WEIGHT 18600 KG / 41005 LBS
MAX LANDING WEIGHT 18300 KG / 40344 LBS
MAX ZERO FUEL WEIGHT 17000 KG / 37478 LBS
OPERATIONAL EMPTY WEIGHT .. 11750 KG / 25904 LBS

ATR 76-600

MAX TAKEOFF WEIGHT 23000 KG / 50705 LBS
MAX LANDING WEIGHT 22350 KG / 49272 LBS
MAX ZERO FUEL WEIGHT 21000 KG / 46296 LBS
OPERATIONAL EMPTY WEIGHT .. 13600 KG / 29983 LBS