

Checklist & Procedures

ATR 42/72-600

ATR 42-600
ATR 72-600

Checklist by ElectroxSoldier
Published July 2023
Version 1.0

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	
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

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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 TAKEOFF – CTD.

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

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

TAKEOFF

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

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

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

BEFORE TAKEOFF

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

PREPARE FOR APPROACH ~40NM BEFORE TOD
 → MCDU → PERF → APPROACH PAGE

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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.
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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
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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