

## FOKKER 100 CHECK LISTS

FLIGHT DECK SAFETY INSPECTION	
<b>BATTERIES</b> .....	<b>ON</b>
-Select BATTERIES switch ON.	
-Check BAT voltage 24 V min.	
-Check SAP indicating.	
-Check EFIS EMER COOL FAL light on.	
<b>LANDING GEAR</b> .....	<b>DOWN</b>
-Check landing gear selector down, 3 green lights on.	
-Check alternate landing gear handle down.	
<b>APU</b> .....	<b>ON</b>
-Check DISCH switch guard closed, wired.	
-Check AGENT LO light(s) out.	
-Check LOOP A and B lights out.	
-Pull and rotate APU selector to START and release to ON.	
<b>IRS</b> .....	<b>NAV</b>
-Check AC power available.	
-Set mode selectors at IRS MSU to NAV	
<b>FLAP SELECTOR</b> .....	<b>UP</b>
<b>FUEL LEVERS</b> .....	<b>SHUT</b>
<b>RADAR</b> .....	<b>OFF</b>
<b>EMERGENCY EQUIPMENT</b> .....	<b>CHECKED</b>
<b>AIRCRAFT DOCUMENTS</b> .....	<b>CHECKED</b>
-Check all required documents on board.	
-Verify inoperative items in maintenance status comply with dispatch requirements.	
-Select MFDS DU's ON. Recall and verify MFDS alerts c with dispatch requirements. Correct or cancel alerts.	

FLIGHT DECK PREPARATION / OVERHEAD	
<b>HYDRAULIC</b> .....	<b>CHECKED</b>
-Check system quantities minimum 70 per cent.	
<b>AVIONICS</b> .....	<b>CHECKED</b>
-Check GPWS FLAP OVRD switch guard closed	
<b>ELECTRIC</b> .....	<b>CHECKED</b>
-If EXT PWR on, select EXT PWR off (AVAIL light on) and have EXT PWR disconnected.	
-Set display selectors to GEN and LOAD.	
<b>ENGINE FIRE CONTROL</b> .....	<b>CHECKED</b>
-Check fire handles in and latched.	
- Check loop buttons and low pressure agent lights are out	
<b>TEST PANEL</b>	
<b>-----ENGINE FIRE TEST-----</b>	
Move and hold the Fire test switch and check/ MWL is ON / repetitive triple chime sounds / fire handle light is on / LH MFDU presents a FIRE ENG red alert message / RH MFDU present FIRE ENG procedure	
<b>-----APU FIRE TEST-----</b>	
Depress APU FIRE button and check / Repetitive triple chime, master WARNING and APU / FIRE light on, FIRE APU message at MFDS.	
<b>-----A-SKID TEST-----</b>	
Depress A-SKID button and check A-SKID test light on. Release button and check light extinguishes.	
<b>-----WARN SYS TEST-----</b>	
Depress and release WARN SYS button and check / TEST light on, WARN SYS IN TEST memo at MFDS / CMPL light on after approx 20 sec.	
<b>-----ANN Light-----</b>	
Depress ANN button and check all lights are working OK	
<b>PRESSURIZATION</b> .....	<b>CHECKED</b>
-Check RATE control on mark.	
-Set manual rate control to DECR.	
-Check UP/DN toggle in mid position.	
<b>FUEL</b> .....	<b>CHECKED</b>
-Check all fuel pumps OFF.	
-Check AUTO FEED normal.	
-Check SYS SHUTOFF indicators in line.	
-Check X-FEED normal.	
<b>EMER LIGHT</b> .....	<b>ARMED</b>
<b>AIR CONDITIONING</b> .....	<b>CHECKED</b>
-Set temp selectors as required	
-Set ECON as required	
-Select cabin recirculation fans OFF if OAT is above +15 deg C / +59 deg F.	

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### FLIGHT DECK PREPARATION / MAIN INSTRUMENT PANELS

- L-R SOURCE SELECT SWS** ..... CHECKED  
 -Check all source select switches as required.
- L-R CLOCKS** ..... CHECKED  
 -Check time and date, adjust if required.
- STANDBY INSTRUMENTS AND RMI 's** ..... CHECKED  
 -Check for correct indication and absence of flags.  
 -Erect standby horizon if necessary  
 -Set standby altimeter(s) to 1013.2 / 29.92

### BEFORE START

- SEAT BELT - NO SMKG** ..... ON
- FLIGHT DATA RECORDER** ..... ON  
 -Select FDR/CVR GND CTL p/b on AVIONICS panel ON.
- LANDING ALTITUDE** ..... SET  
 -Set destination field elevation.
- FUEL QUANTITY** ..... CHECKED  
 -Check total fuel quantity corresponds with flight plan fuel and cross-check with individual tank quantities.
- L-R EFIS** ..... SET  
 -Select PFD/ND on and adjust brightness.  
 -Check for correct display and absence of failure flags.  
 -Cross-check heading info with stby compass.  
 -Select required ND mode and MAP range  
 -Select DH and M/DA to zero.  
 -Select ALTM to QNH.
- ALTIMETERS** ..... SET
- FMP** ..... SET  
 -Select FD on.  
 -Check bank control as required.  
 -Select V1.  
 -Select V2, departure speed, and initial departure altitude.
- FMS/TRP** ..... SET  
 -Check left MFDS displays primary engine parameters and memos  
 -Check right MFDS displays secondary engine parameters and door status.  
 -For FLX thrust: Determine the assumed temperature from the TL table for the particular TO flap/runway combination / Select FLX and set the assumed temperature.
- NAV/COM** ..... SET  
 -Set navigation, com. equipment, radar and transponder as required for departure.
- PARKING BRAKE** ..... SET
- WINDOWS AND DOORS** ..... CLOSED
- CLEARED FOR START-----**
- ENG ANTI-ICE** ..... OFF
- BEACON** ..... ON
- ENGINE PANEL** ..... SET
- FUEL PUMPS** ..... ON
- WINDOWS AND PROBE HEAT** ..... ON
- BLEED PRESS** ..... CHECK  
 -Check bleed pressure approx 25 psi.
- THRUST LEVERS** ..... FWD IDLE
- START ENGINES-----**

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### AFTER START

**ENG ANTI-ICE** ..... **AS REQUIRED**  
 -Select ENG anti-icing ON after second engine has been started when OAT below +5 deg C and visible moisture is present or runway is wet.

**ENGINE PANEL** ..... **CHECKED**  
 -Select START p/b off.

**ALERT LIGHTS** ..... **OUT**  
 Scan overhead and main panel and check all amber and white lights out.

**FLAPS** ..... **SET**

**TRIMS** ..... **SET**  
 -Set stabilizer to TO CG.  
 -Check RUD and AIL approx zero.

**GROUND EQUIPMENT AND ENGINEER** ..... **CLEAR**

### AFTER TAKE-OFF

**IGNITION** ..... **AS REQUIRED**  
 Set to Normal

**APU** ..... **AS REQUIRED**  
 set to OFF after TO

**TO CONFIG** ..... **CHECKED**

**MFDS** ..... **CHECKED**  
 Check MFDS memos and switch off unnecessary equipment.

**LANDING GEAR** ..... **UP**

**FLAPS** ..... **ZERO**

**ALTIMETERS** ..... **SET STD. BY T/A**

### BEFORE TAKE-OFF

**FLIGHT INSTRUMENTS** ..... **CHECKED**  
 -Check PFD, ND, RMI and standby instruments for correct indications.

**FMP** ..... **SET**  
 -Arm ATS.  
 -Select NAV/PROF as required

**ABS** ..... **RTO**

**BRAKE TEMPERATURES** ..... **CHECKED**  
 -Check brake temperature within limits.

**TO DATA and BRIEFING** ..... **COMPLETED**  
 -Verify TO speeds / perform TO briefing.

-----CLEARED TO LINE UP-----

**FLIGHT CONTROLS** ..... **CHECKED**  
 -Select FLT CTL LOCK / check aileron, elevator and rudder for full and free movement.

**CABIN STAFF** ..... **READY & WARNED**

**LIFT DUMPERS** ..... **ARMED**  
 -Depress LIFT arm push button and verify blue ARM light on.

**TRANSPONDER** ..... **SET**

**TAKE-OFF CONFIG** ..... **NORMAL**  
 -Push TO CONFIG button, check absence of take-off configuration warning, and check MFDS memo TO CONF NORM displayed

-----CLEARED FOR TAKE-OFF-----

### DESCENT

**SAFETY ALTITUDE/POSITION** ..... **CHECKED**

**LANDING ALTITUDE** ..... **SET**  
 -Check destination field elevation and set DA/MDA.

**ABS** ..... **AS REQUIRED**

**MFDS** ..... **CHECKED**

**Landing DATA/APPROACH BRIEFING** ..... **COMPLETED**  
 -Perform approach briefing and set minimums if required.  
 -Select ILS frequency/localizer course, VOR frequency/radials and ADF's as required.  
 -Select FMS TO/APPR page and check estimated landing weight and Vapp for the intended flap setting. In case of an FMS approach insert MDA and confirm the FINAL APPR prompt.

### APPROACH

**SEAT BELT** ..... **ON**

**IGNITION** ..... **AUTO**

**ALTIMETERS** ..... **QNH SET AND CHECKED**  
 -When passing transition level, select QNH on EFIS panel.

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LANDING	
LANDING GEAR .....	DOWN, 3 GREENS
CABIN STAFF .....	READY & WARNED
LIFT DUMPERS .....	ARMED
FLAPS .....	SET
APU .....	AS REQUIRED
For adequate cabin cooling in hot climates, start APU before landing.	

AFTER LANDING	
APU .....	START
FLIGHT CONTROLS .....	LOCKED
-Select FLT CTL LOCK ON.	
-Push control column forward until lock engages.	
SPEED BRAKE AND LIFT DUMPERS .....	IN
-Check speed brake selector forward. If lift dumpers out MEMO present at MFDS, check reverse handles fully down and depress LIFTD arm p/b to retract lift dumpers.	
FLAPS .....	UP
STAB TRIM .....	2° / 25% MAC
SAP .....	OFF
RADAR AND TCAS .....	OFF / STDBY
FMP .....	FD / FPV OFF

SHUTDOWN	
PARKING BRAKE .....	SET
FUEL LEVERS .....	SHUT
MFDS .....	CHECKED
SEAT BELT .....	OFF
EXTERIOR LIGHTS .....	CHECK
-Select BEACON light off.	
-Set NAV/LOGO and WING INSPEC lights as required.	
-Retract taxi and landing lights.	
IGNITION .....	NORM
ANTI-ICE .....	OFF
- Check engine, wing and tail anti-icing systems OFF	
-Select WINDOW HEAT OFF	
-Select VANE and PITOT heat OFF	
FUEL PUMPS .....	OFF
AIR CONDITIONING .....	SET
-Set ECON as required.	
-Select cabin recirculation fans OFF if OAT is above +15 deg C / +59 deg F.	
APU .....	AVAILABLE
-----FINAL STOP-----	
EFIS .....	OFF
-Select PFD and ND OFF.	
-Check MFDS for memos and absence of alert messages	
Select MFDS's OFF.	
IRS .....	OFF
-Select mode selectors at IRS MSU to OFF.	
EMER LIGHT .....	OFF
APU .....	OFF
NOTE : Wait 10 sec before switching the batteries off to allow for APU door closure.	
BATTERIES .....	OFF