

**BEFORE START**

Passenger Briefing ..... COMPLETED  
 Control Locks / Covers ..... STOWED  
 Chocks ..... REMOVED  
 Parking Brake ..... SET  
 Doors ..... SECURE  
 Fuel Quantity ..... CHECK [...] lbs  
 Engine Anti-Ice ..... ON  
 Oxygen System ..... ON  
 Power Console ..... SET  
 Cabin Temp Mode ..... OFF  
 Bleed Air Valves ..... ENVIR OFF  
 ESIS ..... TESTED / ON  
 Avionics Master ..... OFF  
 Main Batt ..... ON  
 DC Volts ..... >23v  
 Ground Equipment ..... CLEAR  
 Beacon & Lights ..... ON

**AFTER-START**

Loadmeters ..... PARALLEL ~10%  
 Avionics Master ..... ON  
 Cabin Temp Mode ..... AS REQ  
 Instruments / Flt-Dir / REF's ..... SET  
 FMS & Fuel ..... SET  
 Bleed Air Valves ..... OPEN  
 Cabin Pressurisation ..... PRESS & SET  
 TCAS ..... ON  
 Transponder ..... ON  
 Cabin Sign ..... ON  
 ESIS ..... INITIALISED  
 -----  
 Taxi Light ON ..... (with Taxi Clearance)

**◆ FUNCTIONAL**

Auto-Feather ..... CHECK  
 Primary Gov & Rudder Boost ..... CHECK  
 Ice Protection ..... CHECK  
 Pressurisation ..... CHECK  
 Bleed Air Valves ..... CHECK

**KEY**

*Items marked ◆ may be omitted after the crew's first flight of the day*

**BEFORE TAKE-OFF**

Brakes ..... CHECKED  
 Instruments & Flight Controls .... CHECKED  
 Flaps ..... SET [...]  
 Frictions & Trims ..... SET  
 Transponder ..... ON  
 Departure Brief (PEDS) ..... REVIEWED  
 Cabin ..... SECURE

**RUNWAY**

Strobes ..... ON  
 Ice Protection ..... AS REQ  
 Auto-Ignition ..... ARM  
 Engine Anti-Ice ..... AS REQ  
 Auto-Feather ..... ARM  
 Annunciator Lights ..... CONSIDERED  
 -----  
 Landing Lights ON ..... (with T/O Clearance)

**PEDS**

**P** = PERFORMANCE  
**E** = EMERGENCY TURN  
**D** = DEPARTURE  
**S** = STOP ALT / FL

### AFTER TAKE-OFF

Landing Gear ..... UP, NO **RED**  
Landing & Taxi Lights ..... OFF  
Flaps ..... UP  
Yaw Damper ..... ENGAGED  
Climb Power ..... SET  
Engine Instruments ..... CHECK

### CLIMB

Altimeters ... STANDARD SET X CHECKED  
Engine Anti-Ice ..... AS REQ  
Ice Protection ..... AS REQ  
Cabin Signs ..... AS REQ  
Pressurisation ..... CHECK  
Lights ..... AS REQ

### DESCENT

Pressurisation ..... SET  
REF's / NAV-Aids / FMS ..... SET  
ESIS ..... SET  
Fuel ..... CHECK  
Briefing ..... COMPLETED

### APPROACH

Altimeters ..... QNH SET X CHECKED  
Auto-Feather ..... ARMED  
Engine Anti-Ice ..... ON  
Ice Protection ..... AS REQ  
Cabin Signs ..... ON

### LANDING

Cabin ..... SECURE  
Landing Gear ..... DOWN **3 GREEN** NO **RED**  
Missed Approach Altitude ..... SET  
Props ..... MAX RPM  
Flaps ..... DOWN  
Yaw Damper ..... OFF

### MISSED APPROACH

Landing Gear ..... UP  
Landing & Taxi Lights ..... OFF  
Flaps ..... UP  
Altimeters ..... CHECK  
Fuel ..... CHECK  
FMS & Ft Director ..... AS REQ

### AFTER LANDING

Radar ..... STANDBY  
Press Diff ..... VERIFY 0  
Bleed Air Valves ..... ENVIR OFF  
Flaps ..... UP  
Trims ..... RESET  
Transponder ..... STANDBY  
Ice Protection ..... OFF  
Lights ..... AS REQ  
Auto-Ignition ..... OFF  
Engine Anti-Ice ..... ON  
Auto-Feather ..... OFF

### SHUTDOWN

Parking Brake ..... SET  
Taxi Light ..... OFF  
Cabin Temp Mode ..... OFF  
ESIS ..... OFF  
Avionics Master ..... OFF  
ITT ..... STABLE  
Condition Levers ..... CUTOFF  
Props ..... FEATHER  
Oxygen System ..... AS REQ  
Fuel Quantity ..... [...] lbs  
Cabin Signs ..... OFF  
DC Volts ..... CHECK  
Beacon & Lights ..... AS REQ  
Main Battery & Generators ..... OFF  
Headsets ..... OFF  
Control Locks ..... AS REQ

### ◆ COCKPIT SAFETY

Fire Extinguisher .....	CHECK
Oxygen System....	CHECK, CONTENTS [...]
Static Air Source .....	NORMAL
Landing Gear .....	DOWN
Alternate Extension Handle .....	SECURE
Trims.....	ZERO
Rudder-Boost .....	ON
ELT.....	ARM
Starter Switches .....	OFF
Main Battery.....	ON
DC Volts.....	> 23V
External Power (if available) .....	ON
DC Volts (GPU) .....	28.0 - 28.4V
Circuit Breakers LHS & RHS .....	CHECK
Annunciators .....	CHECK
Fire Detectors .....	CHECK
Stall Warning .....	CHECK
Land Gear Handle Light .....	CHECK
Hydraulic Fluid Sensor .....	CHECK
Flaps .....	CHECK
CVR .....	CHECK
Fuel System .....	CHECK
Avionics Master.....	ON
Electric Pitch Trim .....	ON, CHECK
Radios, Radar, TCAS, EGPWS .....	CHECK
Audio Panels .....	SET
Autopilot .....	CHECK
EMER Frequency .....	EXTINGUISHED
Avionics Master .....	OFF
Reversion Panel .....	NORM / CENTRE
Ice Protection (Hot 5) .....	CHECK
External Lights .....	CHECK
Main & Ground Use Batteries .....	OFF

### Take-Off Speeds (Sea Level, ISA)

LBS x 1000	12.5	12	11	10	9
VR Flap UP	95	95	95	95	95
VR Flap APP	94	94	94	94	94
V2 Flap UP	121	119	115	111	108
SEERC	121	119	117	114	111

### Landing Speeds (Sea Level, ISA)

LBS x 1000	12.5	12	11	10	9
Vref Flap DN	103	102	99	96	93
Vref Flap UP	132	130	126	122	117
SEERC	121	119	117	114	111

### Useful Frequencies

Gama Glasgow FBO .....	131.965
Signature Handling .....	122.350
Far North Wick .....	131.560
Scottish Volmet .....	125.725
London Volmet North .....	126.600
London Volmet South .....	128.600

## Expanded procedures

### Auto-Feather

Condition Levers ..... LOW IDLE  
Prop Levers ..... FULL FORWARD  
Power Levers ..... ~500 ft.lb  
Auto-Feather Switch ..... HOLD TO TEST  
**L AUTOFEATHER R AUTOFEATHER**  
ILLUMINATED  
Power Levers ..... RETARD INDIVIDUALLY  
~410 ft-lbs – OPPOSITE ANNUNCIATOR  
EXTINGUISHED  
~260 ft-lbs – BOTH ANNUNCIATOR  
EXTINGUISHED (Prop Starts to Feather)  
Power Levers ..... IDLE  
**L AUTOFEATHER R AUTOFEATHER**  
EXTINGUISHED (Neither Prop Feathers)  
Auto-Feather Switch ..... RELEASE

### Primary Governors, Over-Speed Governors & Rudder- Boost

Rudder-Boost ..... ON  
Prop Levers ..... FULL FORWARD  
Prop Governor Test Switch ..... Hold to Test  
**On Each Engine Individually**  
Power Lever ..... Increase Until Stable  
1800 – 1910 RPM  
Prop Lever ..... Retard to Detent  
Then Full  
Forward  
Power Lever ..... Continue to Increase Until  
Rudder Movement Noted  
(observe ITT & torque limits)  
Power Lever ..... IDLE  
**On Completion of Both Engine Check**  
Prop Governor Test Switch ..... RELEASE