

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
 Batteries MAIN ON / GROUND OFF
 DC Volts >23v
 Ground Equipment CLEAR
 Beacon & Lights ON

AFTER-START

Loadmeters PARALLEL ~10%
 Avionics Master ON
 Cabin Temp Mode AS REQ
 EMS Power AS REQ
 Ground Use Battery CHARGE
 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
EMS Power AS REQ
DC Volts CHECK
Ground-Use Battery AS REQ
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
Ground-Use Battery.....	ON
DC Volts	CHECK
Ground-Use Battery.....	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

Aircraft Emergency Equipment

Flight Deck O2 Mask	2
Smoke Goggles	2
Fire Gloves	1
TORCHES	2
PBE Smoke Hood	1
Fire Extinguisher	2
Crew Life Vest	2
Passenger Life Vest	6
Infant Life Raft	1
First Aid Kit	1
Crash Axe	1
Passenger Safety Cards	6
FUEL Sampling Kit	1
Emergency Gear Handle	1
Demo Kit	1
Extension Seat Belt	1
QRH	1
POH/AOM	1
Aircraft Checklist	2