

Douglas DC-3 - PREFLIGHT CHECKLIST

INTERIOR PRE-FLIGHT

ESCAPE HATCH..... SECURE
 TAIL WHEEL..... UNLOCKED
 LANDING GEAR LATCH..... LATCHED
 BATTERY MASTER..... OFF/ EXT
 AVIONICS MASTER..... OFF
 CABIN LIGHTS..... OFF
 PROPELLER ANTI-ICE..... OFF
 WINDSHIELD ANTI-ICE..... OFF
 EXTERIOR LIGHTS (7)..... OFF
 NO SMOKE/ SEATBELT SIGN..... OFF
 LANDING LIGHTS..... OFF
 ANTI-COLLISION LIGHT..... OFF
 IGNITION MASTER..... OFF
 MAGNETOS..... OFF
 STARTER..... OFF
 PRIMER..... OFF
 FUEL BOOST PUMPS..... OFF
 GENERATOR SWITCHES..... ON
 PITOT HEAT..... OFF
 INSTRUMENT SWITCH..... ON
 HEATER CONTROLS (3)..... OFF
 WINDSHIELD WIPERS..... OFF
 GYRO PRESSURE..... NORMAL
 FIRE WARNING CUTOUT..... NORMAL
 STATIC SOURCES..... NORMAL
 FIREWALL SHUTOFFS..... OPEN
 CARBURETOR HEAT..... COLD
 FUEL SELECTORS..... MAIN TANKS
 PROPELLER CONTROLS..... FORWARD
 THROTTLES..... IDLE
 MIXTURES..... IDLE CUT-OFF
 TRIM (3)..... 0, 0, 0
 FLAP HANDLE..... NEUTRAL
 LANDING GEAR HANDLE..... NEUTRAL
 COWL FLAPS..... OPEN & OFF

BATTERY SWITCH..... ON
 LANDING GEAR INDICATOR..... GREEN
 LEFT FUEL PRESSURE ANNUNCIATOR..... ON
 LEFT OIL PRESSURE ANNUNCIATOR..... ON
 LEFT VACUUM ANNUNCIATOR..... ON
 RIGHT FUEL PRESSURE ANNUNCIATOR..... ON
 RIGHT OIL PRESSURE ANNUNCIATOR..... ON
 RIGHT VACUUM ANNUNCIATOR..... ON
 LANDING GEAR HANDLE..... DOWN
 LANDING GEAR INDICATOR..... ORANGE
 LANDING GEAR WARNING..... ON
 THROTTLES..... ADVANCE
 LANDING GEAR WARNING..... OFF
 RIGHT THROTTLE..... IDLE
 LANDING GEAR WARNING..... ON
 LANDING GEAR HANDLE..... NEUTRAL
 LANDING GEAR WARNING..... OFF
 LEFT THROTTLE..... IDLE
 FLAP INDICATOR..... UP
 FLAP HANDLE..... DOWN
 FLAP INDICATOR..... CHECKED
 FLAP HANDLE..... NEUTRAL
 ENGINE INSTRUMENTS..... POWERED
 RIGHT ENGINE FUEL BOOST PUMP..... ON
 RIGHT ENGINE FUEL PRESSURE..... 14 - 16 PSI
 RIGHT ENG FUEL PRESS WARNING..... EXTINGUISHED
 RIGHT ENGINE FUEL BOOST PUMP..... OFF
 RIGHT ENGINE FUEL PRESSURE..... 0 PSI
 LEFT ENGINE FUEL BOOST PUMP..... ON
 LEFT ENGINE FUEL PRESSURE..... 14 - 16 PSI
 LEFT ENG FUEL PRESS WARNING..... EXTINGUISHED
 LEFT ENGINE FUEL BOOST PUMP..... OFF
 LEFT ENGINE FUEL PRESSURE..... 0 PSI
 OIL QUANTITY ANNUNCIATOR LIGHTS..... CHECKED
 CARGO FIRE WARNING..... CHECKED

HYDRAULIC PRESSURE..... CHECKED (500-1000)
 HYDRAULIC QUANTITY..... CKD (BOTTOM INDICATOR)
 STAR VALVE..... CLOSED

HEATER ANNUNCIATOR LIGHTS..... CHECKED
 FUEL QUANTITY (4 TANKS)..... CHECKED
 FIRE WARNING..... CHECKED
 FIRE WARNING CUTOUT..... CHECKED
 AVIONICS MASTER..... ON
 NAV/ COMM RADIOS..... SET
 ATIS/ ASOS..... COPY
 AVIONICS MASTER..... OFF
 BATTERY SWITCH..... OFF
 NO SMOKE/ SEATBELT SIGN..... ON
 ANTI-COLLISION LIGHT..... ON
 ALTIMETERS..... SET
 CHARTS..... ON BOARD
 HEATER FIRE EXTINGUISHER..... SAFETIED
 ENGINE FIRE BOTTLE..... CHARGED
 CRASH AXE..... STOWED
 COCKPIT FIRE EXTINGUISHERS..... ON BOARD
 CIRCUIT BREAKERS..... CHECKED
 CERTIFICATES & DOCUMENTS..... ON BOARD
 EMK..... CHECKED
 EMERGENCY EXITS..... CHECKED & SECURE
 ELT..... CHECKED
 AFT BALLAST..... ON BOARD & SECURE
 HYDRAULIC FLUID..... ON BOARD
 OIL..... ON BOARD

EXTERIOR PRE-FLIGHT

LEFT AILERON CONTROL LOCK REMOVE
LEFT ENGINE OIL QUANTITY CHECK
LEFT MAIN FUEL QUANTITY CHECK
LEFT AUX FUEL QUANTITY CHECK
LEFT FUEL & OIL DOORS SECURE
CARGO DOORS CHECK
LEFT AFT FUSELAGE CHECK
LEFT HORIZONTAL STABILIZER CHECK
LEFT ELEVATOR COTTER PINS (2) CHECK
LEFT ELEVATOR GROUND STRAP CHECK
LEFT ELEVATOR MOVEMENT CHECK
LEFT ELEVATOR STATIC WICKS CHECK
LEFT ELEVATOR TRIM ROD CHECK
LEFT ELEVATOR TRIM COTTER PINS (3) CHECK
LEFT ELEVATOR TRIM SETTING CHECK
LEFT ELEVATOR CONTROL LOCK CHECK
RUDDER CONTROL LOCK REMOVE
RUDDER GROUND STRAP CHECK
RUDDER COTTER PINS (2) CHECK
RUDDER TRIM ROD (1) CHECK
RUDDER TRIM COTTER PINS (3) CHECK
RUDDER STATIC WICKS (1) CHECK
STINGER CONDITION CHECK
STINGER STATIC WICK CHECK
STINGER LIGHTS CHECK
RIGHT ELEVATOR CONTROL LOCK REMOVE
RIGHT ELEVATOR TRIM SETTING CHECK
RIGHT ELEVATOR TRIM COTTER PINS CHECK
RIGHT ELEVATOR TRIM ROD CHECK
RIGHT ELEVATOR STATIC WICKS CHECK
RIGHT ELEVATOR MOVEMENT CHECK
RIGHT ELEVATOR GROUND STRAP CHECK
RIGHT ELEVATOR COTTER PINS CHECK
RIGHT HORIZONTAL STABILIZER CHECK
TAIL WHEEL AREA CHECK
TAIL WHEEL STRUT 4 INCHES (MINIMUM)
TAIL WHEEL INFLATION 50 LBS
TAIL WHEEL CONDITION CHECK

RIGHT MAIN FUEL TANK SUMPS CHECK
RIGHT AUX FUEL TANK SUMPS CHECK
RADOME CHECK
ANTENNAS CHECK
BLOWOUT DISCS (2) CHECK
PITOT TUBES REMOVE COVERS & CHECK
STATIC PORTS CHECK
LEFT ENGINE COWL FLAPS OPEN
LEFT ENGINE EXHASUT STACKS CHECK
LEFT ENGINE HYDRAULIC LINES CHECK
LEFT ENGINE REAR CYLINDERS CHECK
LEFT ENGINE WHEEL WELL CHECK
LEFT MLG DOWNLOCK MECHANISMS CHECK
LEFT CARBURETOR FUEL STRAINER CHECK
LEFT MLG INSPECTION LIGHTS CHECK
LEFT MLG PINS CHECK
LEFT MLG STRUT CHECK
LEFT MLG TIRE CHECK
LEFT MLG PRESSURE CHECK
LEFT MLG CHOCKS REMOVE
LEFT COWLING CHECK
LEFT OIL COOLER CHECK
LEFT ENGINE FRONT CYLINDERS CHECK
LEFT ENGINE CASE CHECK
LEFT PROPELLER CHECK
LEFT PROPELLER HUB CHECK
LEFT MAIN FUEL TANK SUMPS CHECK
LEFT AUX FUEL TANK SUMPS CHECK
LEFT WING LANDING LIGHT CHECK
LEFT WING LEADING EDGE CHECK
LEFT WING TIP CHECK
LEFT WING TIP LIGHTS CHECK
LEFT WING STATIC WICKS CHECK
LEFT AILERON CHECK
LEFT FLAP EXTENSION CHECK
LADDER STOW

RIGHT AFT FUSELAGE CHECK
VERTICAL STABILIZER CHECK
RIGHT ENGINE OIL QUANTITY CHECK
RIGHT MAIN FUEL QUANTITY CHECK
RIGHT AUX FUEL QUANTITY CHECK
RIGHT FUEL & OIL DOORS SECURE
RIGHT FLAP CONDITION CHECK
RIGHT AILERON CONDITION CHECK
RIGHT AILERON TRIM SETTING ZERO
RIGHT STATIC WICKS CHECK
RIGHT WING TIP CONDITION CHECK
RIGHT WING TIP LIGHTS CHECK
RIGHT WING LEADING EDGE CHECK
RIGHT WING LANDING LIGHT CHECK
RIGHT ENGINE COWL FLAPS OPEN
RIGHT ENGINE HYDRAULIC LINES CHECK
RIGHT ENGINE REAR CYLINDERS CHECK
RIGHT ENGINE WHEEL WELL CHECK
RIGHT MLG DOWNLOCK MECHANISMS CHECK
RIGHT CARBURETOR FUEL STRAINER CHECK
RIGHT MLG INSPECTION LIGHTS CHECK
RIGHT MLG PINS REMOVE
RIGHT MLG STRUT CHECK
RIGHT MLG TIRE CHECK
RIGHT MLG PRESSURE CHECK
RIGHT MLG CHOCKS CHECK
RIGHT COWLING CHECK
RIGHT OIL COOLER CHECK
RIGHT ENGINE FRONT CYLINDERS CHECK
RIGHT ENGINE CASE CHECK
RIGHT PROPELLER CHECK
RIGHT PROPELLER HUB CHECK