

N6355T Checklist



PREFLIGHT INSPECTION

First Items

FUEL QUANTITY..... CHECK VISUALLY
FUEL SUMPS..... DRAIN AND CHECK
OIL LEVEL CHECK

Interior

AROW & COMPASS CARD.....PRESENT
CONTROL WHEEL LOCK REMOVE AND SECURE
CIRCUIT BREAKERS CHECK IN
AVIONICS MASTER SWITCH.....OFF
MASTER SWITCH..... ON
LANDING GEAR LEVER..... DOWN & 3 GREEN
CYCLE AVIONICS.....CHECK FAN
EXTERIOR LIGHTS..... CHECK
FLAPS..... FULLY EXTEND
MASTER SWITCH..... OFF
FUEL SELECTOR..... BOTH

Empennage

BAGGAGE DOOR & WINDOW..... CHECK
BODY & EXTERNAL DATA PLATE..... CHECK
STABILIZERS & CONTROL SURFACES.....CHECK
ANTENNAS.....CHECK

Right Wing

TRAILING AND LEADING EDGE..... CHECK
FLAP AND AILERON..... CHECK
WHEEL WELL, TIRE, BRAKES.....CHECK
FUEL.....CHECK AND SECURE CAP

Nose

WINDSHIELD..... CLEAN
OIL..... CHECK & SECURE
FUEL STRAINER..... DRAIN
ENGINE INLETS, FILTER, PROP, SPINNER..... INSPECT
NOSE WHEEL TIRE & STRUT..... CHECK
L & R STATIC PORTS..... CHECK

Left Wing

FUEL.....CHECK AND SECURE CAP
PITOT TUBE.....CHECK
STALL HORN OPENING.....CHECK
FUEL TANK VENT.....CHECK
WHEEL WELL, TIRE, BRAKES..... CHECK
TRAILING AND LEADING EDGE.....CHECK
FLAP AND AILERON.....CHECK

BEFORE TAXI

AIRPORT DIAGRAM.....OUT / AVAILABLE
LANDING LIGHT.....NIGHT OR IFR
TAXI AREA..... CLEAR
BRAKESCHECK
TAXI CLEARANCE.....OBTAIN / BRIEF
IFR FLIGHTS.....CHECK INSTRUMENTS IN TURN

BEFORE TAKEOFF

MIXTURE..... AS REQ
THROTTLE..... 1700 RPM
MAGNETOSCHECK

(MAX DROP 175 RPM)

CARB HEAT.....CHECK
PROPELLER.....CYCLE HIGH TO LOW RPM
ENGINE INSTRUMENTS, VAC, & VOLTS.....CHECK
THROTTLE.....1000 RPM
EMERGENCY RESPONSE.....BRIEF
FLIGHT CONTROLS..... FREE & CORRECT
FLIGHT INSTRUMENTSCHECK & SET
TRIM.....SET T/O
FLAPS.....SET 10-20°
GPS SET
AUTOPILOT.....OFF
ENGINE INSTRUMENTSCHECK
SEATS & SEATBELTS.....LOCKED & FASTENED

FINAL ITEMS

DOORS & WINDOWSCLOSED & LOCKED
LANDING LIGHT.....ON
TRAFFICCHECK
MIXTURE..... AS REQ
SET FRQ / CONTACT TWR.....CHECK

AFTER TAKEOFF

POWER.....23 IN 2400 RPM
ENGINE INSTRUMENTS CHECK
COWL FLAPS..... OPEN
FLAPS.....UP
LANDING LIGHT.....OFF

CRUISE

POWER.....15-23 IN
RPM.....21-2400
MIXTURE.....LEAN
COWL FLAPS.....CLOSED
HEADING INDICATOR.....SET TO COMPASS

..ENGINE FAILURE IN FLIGHT..

AIRSPEED..... Vg 80 KIAS
CARB HEATON
FUEL SELECTOR VALVE.....BOTH
FLAPS.....UP
MIXTURE.....RICH
PRIMER.....IN AND LOCKED
MAGNETOS CHECK ALL

IF PROP NOT WINDMILLING

IGNITION SWITCH.....START
MAGNETOS CHECK ALL

DECLARE EMERGENCY SECURE ENGINE

..ENGINE SECURE / POWER OFF LAND..

LANDING AREASELECT & INSPECT
AIRSPEED..... 70 KIAS
MIXTURE.....CUTOFF
FUEL SELECTOR VALVE.....OFF
IGNITION & ELECTRICAL SWITCH.....OFF
LANDING GEAR..... AS REQ
FLAPS..... AS REQ
MASTER SWITCH.....OFF
DOORS(Prior to touchdown) UNLATCH
BRAKES APPLY HEAVILY

..ENGINE FIRE IN FLIGHT..

DECLARE EMERGENCY

MIXTURE..... IDLE CUT OFF
FUEL SELECTOR VALVE.....OFF
MASTER SWITCH.....OFF
AIRSPEED..... 100 KIAS GLIDE
CABIN HEAT & AIR..... OFF
IF FIRE PERSISTS.....INCREASE SPEED

DO NOT ATTEMPT ENGINE RESTART

..EMERGENCY GEAR EXTENTION..

MASTER.....ON
LANDING GEAR LEVEL..... DOWN
LANDING GEAR & GEAR PUMP CIRCUIT BREAKER.....IN
EMERGENCY HAND PUMP.....EXTEND & 20 PUMPS
GEAR LOCKED LIGHT.....ON
GEAR UNSAFE LIGHT.....OFF
PUMP HANDLE.....STOW

..CABIN FIRE..

MASTER SWITCH..... OFF
VENTS, CABIN HEAT & AIR..... CLOSED
FIRE EXTINGUISHER..... ACTIVATE

WHEN FIRE IS OUT

CABINVENTILATE

LAND AS SOON AS POSSIBLE

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V – SPEEDS

Vso.....	39 KIAS
Vs1.....	41 KIAS
Vr.....	50 KIAS
Vx (50 ft obst.)	59 KIAS
Vx	65 KIAS
Vg	80 KIAS
Vy.....	85 KIAS
Vle.....	140 KIAS
Vlo.....	140 KIAS
Vfe 10°.....	140 KIAS
Vfe 20°.....	120 KIAS
Vfe FULL.....	95 KIAS
Va	89-112 KIAS
Vno	159 KIAS
Vne	181 KIAS

LOCAL FREQUENCIES

CLL ATIS	126.85
CLL Ground	128.70
CLL Tower	118.50
HOU Departure.....	134.30
Flight Service	122.65
CFD	123.00
RWV, LHB, 60R.....	122.90
11R.....	123.07

SQUAWK CODES

7500	HIJACKING
7600.....	LOST COMMS
7700.....	EMERGENCY

VFR APPROACH

WEATHER.....CHECK
 ALTIMETER.....SET
 HEADING INDICATOR.....SET
 FUEL SELECTOR.....BOTH
 COWL FLAPS.....CLOSED
 PARKING BRAKE.....CHECK RELEASED
 LANDING LIGHT.....ON
 AIRPORT DIAGRAM AVAILABLE.....CHECK
 SEAT BELTS.....FASTENED
 CALL TWR / CTAF.....10-15NM OUT

IFR APPROACH

WEATHER.....CHECK
 ALTIMETER.....SET
 HEADING INDICATOR.....SET
 APPROACH.....BRIEF AND LOAD
 FUEL SELECTOR.....BOTH
 PARKING BRAKE.....CHECK RELEASED
 LANDING LIGHT.....ON
 SEAT BELTS.....FASTENED
 —WHEN DIRECT TO IAF OR VECTORED—
 FLIGHT & NAV INSTRUMENTS.....SET/IDENT
 GPS.....ACTIVATE APPROACH
 AIRSPEED.....90 KIAS

GEAR DOWN BEFORE LANDING

FUEL SELECTOR.....BOTH
 POWER.....SET
 LANDING GEAR.....DOWN (3 GREEN)
 MIXTURE.....AS REQ
 PROPELLER.....FULL
 CARB HEAT.....ON
 FLAPS.....AS REQ

AFTER LANDING

TRIM.....CENTERED
 CARB HEAT.....OFF
 FLAPS.....UP
 COWL FLAPS.....OPEN
 MIXTURE.....LEAN
 TAXI CLEARANCE.....OBTAIN & BRIEF

SHUTDOWN

TRANSPONDER.....1200
 AVIONICS MASTER.....OFF
 THROTTLE.....1000 RPM
 MIXTURE.....CUTOFF
 IGNITION.....OFF
 MASTER SWITCH.....OFF
 ELECTRICAL SWITCHES.....OFF
 RECORD TIMES.....COMPLETE
 FLIGHT CONTROLS.....SECURE

BEFORE START

NOSE AND CHOCKS AREA.....CLEAR
 PASSENGER BRIEF.....**SAFETY**
 Seats & Seatbelts, Air Vents, Fire Extinguisher, Exits & Emergency, Traffic Scanning & Talking, Your questions?
 SEAT & SEAT BELTS.....ADJUST AND LOCK
 CIRCUIT BREAKERS.....CHECK IN ALL SWITCHES.....OFF
 LANDING GEAR LEVER.....DOWN
 COWL FLAPS.....OPEN
 FUEL SELECTOR.....BOTH
 MASTER SWITCH.....ON
 BEACON.....ON
 NAV LIGHT.....NIGHT ONLY
 FUEL GAUGES.....CHECK

WARM or COLD START

Warm Start

NO PRIMER NEEDED...STARTING ENGINE CHECKLIST

Cold Start

PRIMER.....3 STROKES AND LOCK
 THROTTLE FULLY OPEN AND WAIT 60 SECONDS

STARTING ENGINE

MIXTURE.....RICH
 PROP.....FULL
 THROTTLE.....1/4" OPEN
 BRAKES.....HOLD
 PROP AREA.....CLEAR
 FUEL PUMP ON.....RISE IN FUEL PRESSURE THEN OFF
 IGNITION.....START

AFTER START

THROTTLE.....1000 RPM
 OIL PRESSURE.....CHECK GREEN
 MIXTURE.....LEAN
 THROTTLE.....1000 RPM
 FLAPS.....UP
 AVIONICS SWITCH.....ON
 HEADSETS.....ON
 COMS.....SET FREQS
 WEATHER.....CHECK
 ALTIMETER.....SET
 FLIGHT INSTRUMENTS.....CHECK
 TRANSPONDER.....SET CODE / ALT MODE
 GPS & NAV.....SET